



Desk Study Report

Site: Coleg Gwent, Crosskeys

Prepared For: Coleg Gwent

Issue Date: June 2024

Job No: TF-24-238-CA

DRAFT

REPORT TITLE : **Desk Study Report: Proposed Development, Coleg Gwent, Crosskeys**

JOB NUMBER : **TF-24-238-CA**

ISSUE DATE : **June 2024**

REPORT REFERENCE : **DS-140624-TF-24-238-CA-01**

Document Revision Record

Issue Number	Date	Revision Details
01	14/06/2024	Draft

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Executive Summary

Site Location and Proposed Development	<p><i>Coleg Gwent (the Client) is proposing the commercial development of Coleg Gwent, Risca Road, Crosskeys. The development comprises the demolition of several existing buildings and the construction several new buildings along the northern edge of the site.</i></p> <p><i>The development site is irregular in shape and locates at Coleg Gwent, Risca Road, Crosskeys. The site centres on an approximate National Grid Reference of 322360, 191600, occupying a plan area of approximately 4.89 Hectares.</i></p> <p><i>The site is an operational college with several buildings, hardstanding car parking areas and some soft landscaping.</i></p> <p><i>Site boundaries are defined by the B4591 to the north and Waunfawr Rd to the south.</i></p> <p><i>The Ebbw River is located 144m to the southwest.</i></p> <p><i>The site elevation is approximately 62m AOD gently sloping down to the south.</i></p>
Site History	<p><i>The earliest historic map, circa 1880, shows the majority of the site is an agricultural field with an orchard in the southeast corner of the site. Part of the southern end of the site is occupied by Waun Fawr House/Risca farm, with a potential silo. In c.1920 a pair of semidetached houses were developed in the northeast of the site. By c.1962 the Technical College of Monmouthshire has been built occupying the majority of the site with the southeastern corner of the site occupied by the western end of a Bus Depot. In c.1975 a 'works' is now situated in the southeast of the site. By c.2006 the Bus Depot in the east has been demolished. In the map edition for 2024 the Bus Depot has been replaced with college buildings. The college is now named Coleg Gwent.</i></p>
Geology	<p><i>The British Geological Maps of the area (Sheet 249, ST29SW, Monmouthshire27NE) were consulted for geology underlying the site. The site is shown to be underlain by sandstone and mudstone rocks of the Rhondda Member and Deri Formation.</i></p> <p><i>Superficial deposits are recorded as River Terrace Deposits.</i></p> <p><i>Made ground is anticipated at the site associated with the construction of Coleg Gwent.</i></p> <p><i>The conjectured outcrop of the No.2 Rhondda seam is present along the western side of the site, roughly trending NE-SW. The No.2 Rhondda seam is 3-4 Ft in thickness and will be present beneath the west of the site at shallow depth. The conjectural horizon of the Upper Cwmgorse Marine Band lies 260m southeast of the site. The 1:10,560 Geological map records three thin seams between the No.2 Rhondda and the Cwmgorse Marine Band.</i></p> <p><i>Strata are typically dipping 11° to the northwest in the local area.</i></p>
Radon	<p><i>The Envirocheck Report (Annex A) details that full radon protective measures are required for new developments on the investigation site.</i></p>
Coal Mining Risk Assessment	<p><i>The overall risk to the surface stability of the site from possible unrecorded workings is considered negligible.</i></p> <p><i>It is determined the site is at moderate risk of mine gas and a detailed mine gas assessment is required.</i></p>
Preliminary Human Health and Environmental Risks	<p><i>The Human Health and Environmental Risk assessment has not identified significant potentially contaminative former land uses. However, made ground is anticipated on the site from the current development.</i></p> <p><i>The historic landfill and infilled land within 250m of the site is a potential source of ground gas.</i></p> <p><i>To quantify these risks, it is recommended that an intrusive site investigation is undertaken.</i></p>

Tentative Foundation Solution	<p><i>It is likely that a combination of mass concrete strips and trench fill foundations can be used for both the phase 1 and 2 buildings. It is likely an allowable bearing pressure of 100kN/m² may be used for strips up to 900mm wide. However, there is a possibility that the allowable bearing pressure may be revised upwards following the recommended site investigation outlined in SECTION 8.</i></p> <p><i>At this stage it is recommended that floor slabs may be designed as suspended. This can be reviewed and if necessary, amended following the proposed site investigation.</i></p>
Recommended Site Investigation	<p><i>It is recommended that an intrusive investigation is undertaken to inspect the ground conditions and to take soil samples for laboratory chemical and geotechnical testing.</i></p> <p><i>Due to the nature of the site which is currently hard standing used for car parking it is recommended that a windowless sampling method is used. This is less disruptive and allows a greater degree of reinstatement.</i></p> <p><i>Trial pitting is also required by the college at the former remediated garage to confirm levels of contamination.</i></p> <p><i>Additionally, however it is recommended that soakaways are undertaken in trial pits to conform to BRE 365.</i></p>

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SECTION 1 Introduction and Proposed Development

1.1 Introduction

Coleg Gwent (the Client) is proposing the commercial development of Coleg Gwent, Risca Road, Crosskeys. The development comprises the demolition of several existing buildings and the construction of several new buildings along the northern edge of the site.



Figure 1.1 Proposed Site Layout

AtkinsRealis are the Project Consultants for the scheme.

TFW Group Limited have been commissioned by the Client to undertake a Phase 1 desk study for the site.

The main objectives of the assessment programme are to:

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

In order to achieve the above objectives, TFW Group Limited conducted an assessment programme including a site walkover and a review of existing data.

1.2 Limitations and Exceptions of Investigation

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

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

1.3 Quality Assurance

The quality and environmental aspects of the assessment and investigation comply with UKAS Accredited ISO 9001:2015 and ISO 14001:2015 standards.

SECTION 2 Review of Existing Data

2.1 Physical Setting and Current Site Use

The development site is irregular in shape and locates at Coleg Gwent, Risca Road, Crosskeys. The site centres on an approximate National Grid Reference of 322360, 191600, occupying a plan area of approximately 4.89 Hectares.

The site is an operation college with several buildings, hardstanding car parking areas and some soft landscaping.

Site boundaries are defined by the B4591 to the north east, and Waunfawr Road to the south west and housing the north west and south east.

The Ebbw River is located 144m to the southwest.

The site elevation is approximately 62m AOD gently sloping down to the south.

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



Figure 2.1 Site Location

2.2 Site History

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

Table 2.1 Historical Development from Map Information

Map Edition & Scale	Key Features on Site	Key Features off Site
1880/1883 1:2500	The majority of the site is an agricultural field with an orchard in the southeast corner of the site. Part of the southern end of the site is occupied by Waun Fawr House/Risca farm, with a potential silo.	The site is surrounded by agricultural fields. There is a road running along the northern boundary and a railway 70m north of the site. The Monmouthshire and Breacon Canal is located 98m north of the site. The Ebbw River is located 144m to the southwest.
1885/1886 1:10560	No significant changes.	There is a Trial Shaft located 400m east of the site. Cwm-Bye Colliery is located 600m to the east, Black Vein Colliery is located 250m to the south, Daren Colliery is located 750m to the east and Rock Vein Colliery is located 800m to the southwest. There are Quarries located 600m northwest and 650m west of the site.
1901 1:2500	No significant changes.	There has been residential development just over 100m to the northwest.
1920 1:2500	There is now a pair of semidetached houses in the northeast of the site.	There has been residential development to the immediate north of the site.
1938 1:10560	No significant changes.	No significant changes.
1962 1:2500	The Technical College of Monmouthshire has been built occupying the majority of the site. A pond is situated towards the east of the site. A garage is situated in the northern corner of the site. The farm in the south of the site is no longer mapped, with the technical college buildings taking its place. A bus Depot locates in the north east corner of the site.	There has been further residential development within 100m of the site boundary, the Ebbw River has been redirected further south. There has been residential development to the immediate north, south and west of the site. A garage has also been developed 70m northeast from the site.
1971 1:10000	No significant changes.	No significant changes.
1975 1:2500	A new building has been built in the east of the site. A 'works' is now situated in the southeast of the site.	The College has been extended to the west. A large Depot has been constructed 250m southwest of the site.
1977 1:2500	The Technical College of Monmouthshire is now named Crosskeys College.	No significant changes.
1980/1981 1:1250	No significant changes.	No significant changes.
1987 1:2500	No significant changes.	No significant changes.
1993 1:1250	The Works building is no longer mapped on-site.	Crosskeys College has been extended to the southwest.
2000 Aerial Photo	A new 'L' shaped building is situated where the works used to be.	No significant changes.
2006 1:10000	The Bus Depot in the east has been demolished.	The Bus depot has been removed.
2024 1:10000	The Bus Depot has been replaced with College buildings. The college is now named Coleg Gwent.	The College has been extended to the south over the former bus depot. The Garage to the west has been removed.

2.3 Geological Setting

2.3.1 Geology

The British Geological Maps of the area (Sheet 249, ST29SW, Monmouthshire27NE) were consulted for geology underlying the site. The site is shown to be underlain by sandstone and mudstone rocks of the Brithdir Member and Deri Formation.

Superficial deposits are recorded as River Terrace Deposits.

Made ground is anticipated at the site associated with the construction of Coleg Gwent.

Detailed stratigraphical information is provided in **Table 2.2**.

Table 2.2 Detailed Stratigraphical Information

Age	Formation	Description
Quaternary	River Terrace Deposits	Sand and gravel, locally with lenses of silt, clay or peat.
Carboniferous	Rhondda Member	Green-grey, lithic arenites ('Pennant sandstones') with thin mudstone/siltstone and seatearth interbeds and mainly thin coals.
Carboniferous	Deri Formation	The Formation comprises mottled red, purple, green and orange mudstones and mudstone palaeosols, pale green siltstones and pale grey quartz arenites and conglomerates.
Carboniferous	Brithdir Member	Green-grey, lithic arenites ('Pennant sandstones') with conglomerate lenses at bases of units; thin mudstone/siltstone and seatearth interbeds and mainly thin coals.

The conjectured outcrop of the No.2 Rhondda seam is present along the western side of the site, roughly trending NE-SW. The No.2 Rhondda coal seam will therefore be at shallow depth in the west of the site. The No.2 Rhondda seam is recorded as being 3-4ft in thickness. The conjectural horizon of the Upper Cwmgorse Marine Band is 260m southeast of the site. the 1:10560 Geological map records three thin seams between the No.2 Rhondda and the Cwmgorse Marine Band.

Strata are typically dipping 11° to the northwest in the local area.

2.3.2 BGS Borehole Information

The BGS borehole closest to the site is located 70m northeast on an approximate National Grid Reference of 322530, 191690. The borehole, referenced ST29SW182, is summarised in **Table 2.3**.

Table 2.3 BGS Borehole

Depth (m)			Stratum
0.00	-	15.50	Clay and Boulders
15.50	-	18.50	Grey rock, Shale and Coal Measures
18.50	-	21.80	Grey rock Forest Marble
21.80	-	22.80	Coal Measures, Shale and Clay
22.80	-	24.60	Grey rock
24.60	-	26.50	Pennant rock and Forest Marble
26.50	-	26.80	Concealed Sand
26.80	-	27.70	Forest Marble and Pennant rock
27.70	-	29.80	Grey rock and Coal Shale
29.80	-	36.80	Grey rock and Pennant rock.

2.3.3 Radon

The Envirocheck Report (**Annex A**) details that **full** radon protective measures are required for new developments on the investigation site.

2.3.4 Mining

The site situates inside the South Wales coal fields.

Relevant BGS mineral sites as recorded in the Envirocheck Report datasheets (**Annex A**) are summaries in **Table 2.4**.

Table 2.4 BGS Recorded Mineral Sites

Site Name	Distance/Direction	Type	Commodity
Black Vein Colliery	208m South	Underground	Coal – Deep
Black Vein Colliery	243m South	Underground	Coal – Deep
Benson's Level	287m Southwest	Underground	Coal – Deep
Jack-Y-North Pit	432m, southwest	Underground	Coal – Deep
Pont Hall No.2 Quarry	441m North	Opencast	Sandstone

The Coal Authority Report records three historic underground mines beneath the site, they are summarised in **Table 2.5**.

Table 2.5 Past Underground Mining

Colliery	Depth (m)	Dip Direction	Extraction Thickness (cm)	Year Last Mined
Unnamed	101	West	180	1914
Unnamed	166	Northwest	240	1846
Unnamed	181	Northwest	193	1894

There are no recorded spine roadways at shallow depth beneath the site. There are no mine entries within 100m of the site boundary.

There are no faults, fissures or breaklines recorded beneath the site.

There is one mine gas remediation site located 202.4m to the southeast.

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

2.3.5 Natural Hazards

The Envirocheck details the following hazard potentials for the site.

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

2.4 Environmental Setting

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

2.4.1 Hydrogeology

Superficial deposits beneath the site have an aquifer designation of secondary aquifer – A.

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

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

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

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

The nearest groundwater abstraction point is located 1697m west, operated by Wattsville Allotment Association.

2.4.2 Hydrology

The nearest surface water feature locates offsite 10m to the southeast and is the Monmouthshire and Breacon Canal. However, the canal is located at a higher elevation than the College so water will not follow in this direction.

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

The dominant surface water feature in the area is the Ebbw River which locates 118m south of the site. The river flows in a southeasterly direction.

2.4.3 Flooding

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

The northwest of the site is at low risk from surface water flooding.

The majority of the site has potential of groundwater flooding to occur at the surface with the northwest of the site having the potential of groundwater flooding of property situated below ground level.

2.4.4 Waste

Recorded landfill sites within 250m of the site are summarised in **Table 2.6**.

Table 2.6 Landfill Sites Summary

Landfill Name	Distance/Direction	Operation Dates	Deposited Wastes
Islwyn Borough Council	116m Southeast	31/12/1920 - 31/12/1935	Inert, Industrial, Commercial, Household and Special Waste

There are no licensed waste management facilities or waste transfer sites within 250m of the site.

Discharge consents within 250m of the site are summaries in **Table 2.7**.

Table 2.7 Discharge Contents Summary

Operator	Distance/Direction	Discharge Type	Status
Cory Distribution	78m Southwest	Unspecified	Expired
Dwr Cymru Cyfyngedig	97m West	Public sewage: storm overflow	Appeal by applicant: revised by secretary of state
Dwr Cymru Cyfyngedig	97m Southwest	Public sewage: storm overflow	Effective
Dwr Cymru Cyfyngedig	133m, southeast	Public sewage: storm overflow	Revoked
Dwr Cymru Cyfyngedig	145m, southwest	Public sewage: storm overflow	Effective
Dwr Cymru Cyfyngedig	158m, southeast	Public sewage: storm overflow	Effective
Dwr Cymru Cyfyngedig	210m, southeast	Public sewage: storm overflow	Effective
Dwr Cymru Cyfyngedig	211m, southeast	Public sewage: storm overflow	Effective

2.4.5 Pollution

2No. pollution incidents are recorded to have occurred within 250m radius of the site. These are summarised in **Table 2.5**.

Table 2.5 Pollution Incidents Summary

Incident Date	Distance/ Direction from site	Pollutant	Severity
Jan 1996	216m, north	Oils – Diesel	Category 3 – Minor Incident
Sep 1994	221m, north	Light Oil	Category 2 – Significant Incident

2.4.6 Sensitive Land Use

The site is not located within a sensitive land use area.

Six areas of Ancient Woodland are situated within the immediate surrounding areas north and south/southwest of the site.

2.4.7 Estimated Urban Soil Chemistry

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

2.4.8 Industrial Land Use

Relevant contemporary trade directory entries recorded within proximity of the site are summarised in **Table 2.8**.

Table 2.8 Relevant Contemporary Trade Summary

Company	Distance/Direction	Classification	Status
College Motor Co	0m North	Car dealers	Inactive
Crosskeys Car Sales	40m Northwest	Car dealers	Inactive
B Q Cars	44m East	Car dealers	Active
Right By Motor Company	45m East	Car Dealers	Inactive
W D Cars	45m East	Car dealers	Inactive
Cross Keys Tyre Service	75m East	Tyre dealers	Active
A & J Auto Service	75m East	Garage services	Inactive
L J Symonds	190m Northwest	Fascia's and soffits	Inactive
Callow Electrical Services	197m, northwest	Electrical engineers	Inactive
Copywrite	209m Northwest	Photocopiers	Inactive
Connexion Point	215m Southwest	Distribution services	Inactive
Titan Transport and Logistics Ltd	216m Southwest	Freight Forwarders	Inactive
R R Mobile Mechanics	245m Northwest	Garage services	Inactive

2.4.9 Infilled Land

Potentially infilled land features within 250m of the site are summarised in **Table 2.9**.

Table 2.9 Potentially Infilled Land

Feature	Distance/Direction
Infilled/re-engineered ground	145m Southeast
Infilling associated with the redirecting of the Ebbw River.	82m Southwest

2.5 Unexploded Ordnance

Zetica Maps shows a low risk with no recorded UXO in the vicinity of the site. No special precautions are therefore necessary.

SECTION 3 Coal Mining Risk Assessment

3.1 Geotechnical Risk

3.1.1 Underground Mining

Based upon geological map data, the stratigraphical sequence within 50m of the ground surface of the site is illustrated in **Figure 3.1**.

Modern	Made Ground	1.00m
Quaternary	River Terrace Deposits	15.00m
Carboniferous: Rhondda Member / Deri Formation	Coal Bearing Mudstone/Siltstone with Seatearth and minor Sandstone	
	No 2 Rhondda Coal Seam (West of Site only)	
	Coal Bearing Mudstone/Siltstone with Seatearth and minor Sandstone	
	Thin COAL Seam	
	Coal Bearing Mudstone/Siltstone with Seatearth and minor Sandstone	
	Thin COAL Seam	
	Coal Bearing Mudstone/Siltstone with Seatearth and minor Sandstone	50.00m

Figure 3.1 Geology and Strata Base below Ground Level

The Coal Authority Report states there are three historic underground mines beneath the site, the shallowest is located at 101m below ground level, with an extraction thickness of 1.80m, last mined in 1914.

The No.2 Rhondda is recorded to outcrop on the site. This seam is seen to outcrop on to the westerly edge of the site. Given the dip of the geology which is seen to be 11° to the northwest this seam will likely underlie the western side of the site at shallow depth.

While the No2 Rhondda coal seam is located at shallow depth in the west of the site and is of workable thickness the depth of superficial deposits in the valley beneath the site combined with the water bearing nature of the superficial deposits would have made mining the seam uneconomical and impractical. The historical maps confirm this with mining of the seam from adits shown in the hillside but none in the valley itself.

The thin coal seams are unlikely to have been worked as they are not economically viable.

There are no recorded spine roadways at shallow depth beneath the site.

There are no faults, fissures or breaklines recorded beneath the site.

Geological map evidence indicates the No.2 Rhondda seam crops out along the west boundary of the site and is 2-3Ft in thickness. The conjectural horizon of the Upper

Cwmgorse Marine Band is 80m southeast of the site. the 1:10560 Geological map records three thin seams between the No.2 Rhondda and the Cwmgorse Marine Band.

3.1.2 Shafts & Adits

There are no mine entries within 100m of the site boundary.

3.1.3 Conclusion

The overall risk to the surface stability of the site from possible unrecorded workings is considered negligible.

3.2 Geoenvironmental Risk

3.2.1 Mine Gas Risk Assessment

This assessment has been completed in accordance with guidance published in CL:AIRE, 2021, Good practice for risk assessment for coal mine gas emissions. In the first instance, the risk assessment process requires the screening out of 'potentially at risk sites' utilising the decision support tool for mine gas risk assessment, provided in Figure 13.1 – CL:AIRE 2021. A summary of the decision tool and site outcome is presented in **Table 3.1**.

Table 3.1 Decision Support Tool

Step	Qualifier Question	Outcome	Comment
1	Is the site within a Coal Authority defined Coal Mining Reporting Area?	Yes	Go to step 2
2	Are all these statements true? <ul style="list-style-type: none"> • Mine entries >50m from site boundary. • Workings >150m depth. • No faults or other potential pathways connecting surface to deeper unflooded workings. • Outside area of past or probable shallow workings on Coal Authority Viewer. 	No	Got to step 3
3	Are all these statements true? <ul style="list-style-type: none"> • Workings between 30m and 150m but permanently flooded or covered by 10m+ of low permeable superficial deposits. • Mine entries > 50m from site boundary. • Low permeability superficial deposits of sufficient thickness - $<1 \times 10^{-4}$ m/s hydraulic conductivity. 	No	Go to step 4
4	Are any of these statements true? <ul style="list-style-type: none"> • Mine entries on site or <20m from site boundary. • Workings below site <30m depth and unflooded or variable water level. • Faults or other pathways connecting surface to deeper unflooded workings. • Within area of past or probable shallow workings on Coal Authority Viewer. 	No	Moderate Risk Zone

It is determined the site is at moderate risk of mine gas and a detailed mine gas assessment is required.

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SECTION 4 Site Reconnaissance Findings

A site reconnaissance survey was completed by TFW Group Limited on the 16th of April 2024. The characteristics of the site observed during the walkover are summarised in **Table 4.1**. Photographs of the site were taken during the walk over and these have been included in **Annex C**. The photograph locations are presented on **Drawing 01**.

Whilst the walkover summary includes consideration of current operations and housekeeping on the site as potential sources of contamination, it does not constitute a comprehensive environmental audit of the site as covered under ISO 14001.

Table 4.1 Site Reconnaissance Findings

Feature	Description
Physical Characteristics	
Access Constraints	The site is accessible from the B4591 Risca Road into the college grounds, this is a one-way system and exits to the rear of the college onto Waunfawr Park Road. An exit is also present 100m up Risca Road from the main entrance. There is also a side road alongside the derelict houses of 146 Risca Road which gives access to the garden areas.
Site topography	The site is generally flat and dips slightly with the one-way road that cuts through the college.
Surface cover	The site has a mix of cover. The roads and car park areas are all tarmac covered, the pedestrian pavements are all covered in paving tiles. Surrounding the hardstanding areas are man made grass lawns and hedgerows with some medium to large trees.
Site drainage	The site has storm/surface water drains on the tarmac roads.
Surface water	The sites surface water is directed into the drainage system.
Trees and hedges	There is a number of medium to large trees on site and hedgerows along the college borders. Outside Block X trees have been planted along the pathways
Invasive species	No invasive species were noted on site.
Existing buildings	The site has several buildings on site. Block K, Block E, Block A, Block X, Blocks F, and Block B, an existing boiler room to the rear of Block B.
Retaining walls and adjacent buildings on or close to site boundaries	Several buildings are adjacent to the site that are residential.
Basements on site	No basements were located during the site walkover.
Made Ground, earthworks or quarrying	Where there are areas of hardstanding and roadways it is assumed that there is made ground.
Potentially unstable slopes on or close to the site	None

Buried and overhead services present	There are buried services all over site. Those seen during the site walkover include water service pipes, natural gas pipes, and electrical cables. There are also grease traps on site.
Environmental Characteristics	
Underground/above ground storage tanks and pipework	Natural gas pipes and water pipes are underground.
Potentially hazardous materials storage and use	Around the site there are several compressed gas canisters.
Asbestos containing materials	No asbestos containing materials were encountered.
Waste storage and fly-tipping	The college has several designated waste areas with various materials in. The site also has evidence of littering.
Electricity sub-stations/transformers	There is a gas and electricity substation on site next to the entrance. Another substation is present to the rear of the site.
Evidence of possible land contamination on site	No evidence of contamination was noted. The college does run an automotive engineering program with multiple garages. This could potentially be a source of land contamination on site.
Potential off-site sources of ground contamination	There is an automotive repair shop that may produce ground contamination.

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SECTION 5 Preliminary Human Health and Environmental Risk Assessment

5.1 General

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

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

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

5.2 Potential Sources of Contamination

Potential or known sources of contamination associated the sites current and historical land use are summarised in **Table 5.1**.

Table 5.1 Contamination Sources

ID	Source	Contaminant
S1	Made Ground & Former Buildings on Site	Metals, Metalloids, Organics and Inorganics Asbestos, Hydrocarbons, TPH and PAH, Ground gas
S2	Bedrock	Radon
S3	Historic Landfill and infilled land	Methane, Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide
S4	Garage and Bus Depot	Hydrocarbons, TPH and PAH.
S5	Legacy coal mining	Mine gas (Methane, Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide)

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

5.3 Potential Pollution Pathways

Potential contaminant pathways associated with a commercial land use are as follows.

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

5.4 Potential Receptors

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

- R1 – Construction and maintenance workers

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

5.5 Preliminary Conceptual Site Model

The preliminary conceptual site model establishes potential pollutant linkages between contaminants (source), pathways and receptors, realised during the preparation of the desk study report. Where a potential pollutant linkage is identified an assessment of risk is subsequently undertaken. The preliminary conceptual site model is tabulated in **Table 5.2**.

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

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

Table 5.2 Preliminary Conceptual Site Model

Source	Pathway	Receptor	Preliminary Risk Assessment		
			Consequence	Probability	Risk & Justification
Human Health					
Contaminated Soils S1 & S4	Direct soil and dust ingestion P1 Dermal contact P3 Inhalation of dust and vapours P4	Construction and maintenance workers R1	Medium	Low Likelihood	Low Risk: COSHH assessment and good level of PPE/ hygiene by site workers/ staff; dust suppression measures if required. Suitably designed site investigation recommended.
		Passers-by or neighbouring site users R3	Medium	Unlikely	Near Zero Risk: Dust suppression measures if required.
		Future site users (Students and Staff) R2	Medium	Low Likelihood	Low Risk: Suitably designed site investigation recommended.
Radon Gas S2	Horizontal and vertical migration of ground gasses and vapours P10	Future site users (Students and Staff) R2	Medium	High Likelihood	High Risk: Full radon protection measures required.
Landfill Gas S3		Future site users (Students and Staff) R2 Construction and maintenance workers R1	Severe	Low Likelihood	Medium Risk: Historic landfill 116m southeast of the site a potential source.
Ground Gas S1, S3			Severe	Low Likelihood	Medium Risk: Infilled ground 82-145m southwest of the site a potential source. Suitably designed ground gas monitoring scheme recommended.
Vapours S1			Severe	Unlikely	Near Zero Risk: No source Identified.
Mine Gas S5			Severe	Low Likelihood	Medium Risk: Legacy coal mining features within the surrounding areas and the CL:AIRE Mine GAS Risk Assessment tool, has deemed the site a moderate risk from mine gas. A suitbaly designed mine gas monitoring programme is recommended.
			Severe	Low Likelihood	Medium Risk: Legacy coal mining features within the surrounding areas and the CL:AIRE Mine GAS Risk Assessment tool, has deemed the site a moderate risk from mine gas. A suitbaly designed mine gas monitoring programme is recommended.
Impacted Groundwaters S1 & S4	Horizontal and vertical migration of contaminants (saturated zone) P6 Dermal contact P3	Construction and maintenance workers R1	Medium	Unlikely	Low Risk: Garage and Bus Depot a potential source.
Contaminated Soils S1 & S4	Direct Contact P11	Construction materials (water pipes) R7	Mild	Low Likelihood	Low Risk: An appropriate water supply pipe material should be chosen after the potable water supplier has completed an assessment in accordance with UK Water Industry Research guidance; Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites, UKWIR Report Ref: 10/WM/03/21.
Aggressive ground conditions - Sulphates		Construction materials (concrete) R7	Mild	Low Likelihood	Low Risk: Chemical analysis of the soils should be undertaken, and the appropriate classification of concrete should be specified

S1					as per BRE Special Digest 1: Concrete in Aggressive Ground.
Aquatic Environment					
Contaminated Soils S1 & S4	Vertical migration of leachates (unsaturated zone) P5	Groundwater (aquifer) R4 Surface waters (river/lake) R5	Mild	Low Likelihood	Low Risk: Garage and Bus Depot a potential source.
	Surface run-off P8				
	Horizontal and vertical migration of contaminants (saturated zone) P6	Surface waters (river/lake) R5			

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SECTION 6 Anticipated Ground Conditions

6.1 Geology

Based on the available desk study information and a previous ground investigation undertaken by TFW group in 2009 at the bus depot anticipated ground conditions at the site are summarised in **Table 6.1**.

Table 6.1 Contamination Sources

Stratum	Depth (m)
Made Ground: Asphalt	0.05/0.10
Made Ground: Likely to comprise reworked soils with occasional anthropogenic items (brick, concrete etc. from surrounding buildings)	0.20/0.70
River Terrace Deposits: Soft to firm dark brown sandy SILT	0.78/2.00
River Terrace Deposits: Medium dense to very dense yellow brown slightly silty sandy GRAVEL.	>10
Bedrock: Mudstone, Sandstone and Coal	Unknown

6.2 Groundwater

Groundwater may be present at shallow depth associated with the Ebbw River to the southwest of the site.

SECTION 7 Preliminary Engineering Recommendations

Recommendations given in this section are based upon the available desk study information and need to be confirmed by a relevant intrusive investigation.

7.1 Preparation of site

Prior to demolition the existing buildings should be subject to a refurbishment and demolition survey to identify any ACMs. Any deleterious materials should be removed by a suitably qualified person and disposed of at an appropriately licenced landfill. Precautions should be in place to prevent any contamination of the soils on site during the removal process.

Any areas of vegetation including all roots should be stripped and removed from beneath the proposed development site. Areas of hard standing should also be broken out and removed from below the proposed development.

Allowances should be made for any temporary/permanent support works to any existing adjacent structure necessary because of the proposed works.

Contingencies should be made for the protection/diversion of any underground/overhead services present beneath/above the site brought about because of the proposed works.

Any reduced levels should be brought up to the required levels with suitable inert mainly granular materials. Department for Transport (DfT) type 2 sub-base or similar should be used and compacted in layers to the requirements of the Specification for Highway Works.

Allowances should also be made for the excavation of any soft spots/areas and their replacement with well compacted imported granular materials.

In accordance with EC Regulation 1272/2008 and Environment Agency Guidance WM3 soils and other materials destined for off-site disposal should be classified based on their hazard phrases prior to disposal. Soils are classified as a mirror entry waste and should be classified based on their specific chemical properties. TFW Group Limited offer this service if required.

7.2 Tentative Foundation and Floor Slab Solution

It is likely that a combination of mass concrete strips and trench fill foundations can be used for both the phase 1 and 2 buildings. It is likely an allowable bearing pressure of 100kN/m² may be used for strips up to 900mm wide. However, there is a possibility that the allowable bearing pressure may be revised upwards following the recommended site investigation outlined in **SECTION 8**.

At this stage it is recommended that floor slabs may be designed as suspended. This can be reviewed and if necessary, amended following the proposed site investigation.

Allowances should be made for the removal of any 'soft spots' and their replacement with well-compacted granular materials. Department of Transport (DoT) Type 2 materials or similar could be used and should be compacted in layers to the specification for Highway Works.

To confirm the foundation solution a site investigation should be conducted to confirm the prevailing ground conditions across the development area.

All foundation formations should be inspected by a suitably qualified engineer before being concreted.

7.3 Excavations and Formations

Shallow excavations will likely be possible with normal soil excavating machinery. Allowances for a breaker should be made for dealing with existing or historic structures which may be encountered on the site.

Excavations may encounter shallow groundwater flows. Any inflows together with rainwater infiltration should be dealt with by conventional pumping techniques.

The sides of any excavations deeper than 1.0m, or shallower if necessary, should be supported by planking and strutting or other proprietary means.

The sub-formations/formations will be highly susceptible to loosening, softening and deterioration by exposure to weather (rain, frost and drying conditions), the action of water (flood water or removal of groundwater) and site traffic. Formations should never be left unprotected and continuously exposed to rain causing degradation, or left exposed/uncovered overnight, unless permitted by a qualified engineer.

Construction plant and other vehicular traffic should not be operated on unprotected formations.

7.4 Protection of Buried Concrete

Within BRE Special Digest 1 the chemical agents that aggressively attack concrete are sulphate, sulphides, magnesium ions, ammonium ions, carbon dioxide, chloride ions and phenols.

Aggressive ground conditions may be encountered at the site, though the risk is considered to be low.

7.5 Car Parking Areas

For car parking and road area formations the CBR value for shallow soils may be determined by in-situ CBR testing.

Allowances should be made for the removal of any 'soft spots/areas' and their replacement with well-compacted granular materials as previously described.

Please note that the Local Council / Highways Authority may require in-situ CBR testing to be undertaken before a road is adopted. In-situ CBR Testing should be performed following earthworks to verify the performance of the engineered fill.

7.6 Excavations and Formations

In November 2010 TFW Group undertook in-situ permeability tests at Coleg Gwent Campus. The permeable strata was found to start at 0.80mbgl and proceed to the maximum excavated depth of 2.00mbgl. Only two tests could be carried out due to instability in the pit walls caused by nearby demolition works. The results summarised in **Table 7.1**.

Table 7.1 Historic In-Situ Permeability Test Results

Location	Infiltration Rate (m/s)
SA01 Test 1	0.000326494
SA01 Test 2	0.000324519

The suitability of stormwater drainage should be confirmed by in-situ soakaway testing.

SECTION 8 Recommended Works / Site Investigation

8.1 General

An intrusive site investigation designed and justified in accordance with guidance provided in BS10175:2011+A2:2017 and BS5930:2015 should be undertaken to achieve the following objectives:

- Identify the potential environmental liabilities at the site associated with any soil and groundwater contamination from past site uses, to substantiate and enhance the conceptual site model, for a commercial scenario.
- Provide a summary of the environmental conditions at the site, together with any necessary remediation works to render the site fit for its intended use.
- Provide recommendations regarding any relevant geotechnical aspects pertaining to the development.

Please note that by necessity site investigation works are undertaken on a phased approach and additional phases may be required as information is collected, and the conceptual site model is developed. The following section outlines a likely scope of investigation, this scope should be agreed with the local authority prior to being undertaken.

8.2 Intrusive Investigation

It is recommended that an intrusive investigation is undertaken to inspect the ground conditions, to take soil samples for laboratory chemical and geotechnical testing.

Due to the nature of the site which is currently hard standing used for car parking it is recommended that a windowless sampling method is used. This is less disruptive and allows a greater degree of reinstatement.

Trial pitting is also required by the college at the former remediated garage to confirm levels of contamination.

Additionally, however it is recommended that soakaways are undertaken in trial pits to conform to BRE 365.

8.2.1 Soakaway Information

It is recommended that soakaway tests are undertaken in trial pits to the requirements of BRE365 at the locations and depths of the proposed infiltration systems where possible. It would also be prudent, were soakaways are found to be viable, to take samples for leachate testing from the locations to assess the risk to the aquatic environment.

8.2.2 Gas Monitoring

The desk based MGRA and Ground Gas risk assessment should be undertaken. It is likely to conclude that due to the presence of the infilled land, landfill and potential mine gas.

Due to the possible presence of shallow mining features beneath the site there is a potential risk to the proposed development from mine gases. A Mine Gas Risk Assessment (MGRA) should be undertaken in accordance with CL:AIRE Guidance, Good Practice for Risk Assessment for Coal Mine Gas Emissions (October 2021). Depending on the findings of the MGRA it may also be necessary to undertake investigations. This may include the installation of a gas monitoring well into rock head in the rotary boreholes, if the windowless sampling boreholes have not achieved a comparable depth.

The well construction should be determined on site depending on the ground conditions encountered. The wells should then be monitored on a fortnightly basis for the presence of ground gases with the concentrations recorded as well as ground water depth and the barometric pressure. The concentrations of methane, carbon dioxide, oxygen, carbon monoxide and hydrogen sulphide should be recorded.

These works should be undertaken in accordance with CIRIA C665: Assessing Risk Posed by Hazardous Ground Gases to Buildings and BS8576:2013: Guidance on Investigation for Ground Gas, Permanent Gases and Volatile Organic Compounds (VOCs).

8.2.3 Soil Sampling Strategy

The soil sampling strategy should be undertaken in accordance with the technical approach presented in Land Contamination Risk Management (LCRM) which supersedes CLR11 Model Procedures for Land Contamination.

Soil sampling locations should be selected on a targeted basis to investigate the areas of the former buildings and in addition selected on a non-targeted basis to characterise the contamination status of the wider site.

8.2.4 Recommended Soil Chemical Analysis

It is recommended that soil samples be taken of the made ground and underlying natural materials and tested at an accredited laboratory for the determinants listed in **Table 8.1**.

Table 8.1 Contamination Sources

Metals & Metalloids	In-Organics	Organics	Others
Arsenic	Cyanide	Phenols	pH (acidity)
Boron	Sulphate	Speciated PAH	Asbestos
Cadmium		Petroleum Hydrocarbons	
Chromium III			
Chromium VI			
Copper			
Lead			
Mercury			
Nickel			
Selenium			
Zinc			

Soil samples exhibiting elevated levels of metal and metalloid determinants should be further schedule for leachate testing of the offending substance.

Ground water samples should be taken due to the presence of the historic garage and bus depot in the immediate vicinity of the site.

8.2.5 Rotary Drilling

If a piled foundation solution is required for the construction of the proposed building, it is recommended that rotary boreholes should be sunk at selected locations around the proposed buildings.

During the drilling process the presence of mine gases should be monitored at the borehole location.

These works will require a permit from the Coal Authority prior to being undertaken on site.

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**ANNEX A
Envirocheck Report**

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

345887439_1_1

Customer Reference:

TF-24-238-CA JR

National Grid Reference:

322360, 191600

Slice:

A

Site Area (Ha):

4.89

Search Buffer (m):

1000

Site Details:

Site at 322370, 191630

Client Details:

Ms J Rual
TFW Group Ltd
5 Deryn Court
Wharfdale Road
Pentwyn
Cardiff
CF23 7HB

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	38
Hazardous Substances	-
Geological	44
Industrial Land Use	54
Sensitive Land Use	63
Data Currency	68
Data Suppliers	74
Useful Contacts	75

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		16	11	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 12			1	1
Local Authority Pollution Prevention and Control Enforcements	pg 12			1	
Nearest Surface Water Feature	pg 12		Yes		
Pollution Incidents to Controlled Waters	pg 12		2	2	1
Prosecutions Relating to Authorised Processes	pg 13				1
Registered Radioactive Substances	pg 13			1	
River Quality	pg 13		2	1	
River Quality Biology Sampling Points	pg 14		1		
River Quality Chemistry Sampling Points	pg 15			1	2
Substantiated Pollution Incident Register	pg 17			1	2
Water Abstractions	pg 18				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 18	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 18	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 18		Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 18		Yes	n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 19		Yes	n/a	n/a
OS Water Network Lines	pg 19		20	45	94

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 38				1
Historical Landfill Sites	pg 38		1		2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 38			3	2
Local Authority Landfill Coverage	pg 39	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 39		1	3	13
Potentially Infilled Land (Water)	pg 40		1		2
Registered Landfill Sites	pg 41				1
Registered Waste Transfer Sites	pg 41			2	1
Registered Waste Treatment or Disposal Sites	pg 43			2	
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 44	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 44	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 45		3	4	29
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 52	Yes	n/a	n/a	n/a
Mining Instability	pg 52	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 52	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 52		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 52	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 53	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 53		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 53	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 53	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 54	1	12	10	16
Fuel Station Entries	pg 57				1
Points of Interest - Commercial Services	pg 57		1	3	10
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 58		2	2	11
Points of Interest - Public Infrastructure	pg 59	1	5	5	11
Points of Interest - Recreational and Environmental	pg 61		3	1	1
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 63		6	12	44
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	0	1	322300 191650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (W)	0	1	322360 191598
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	0	1	322300 191750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	0	1	322360 191750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	0	1	322300 191700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	0	1	322350 191700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	20	1	322300 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	24	1	322360 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	49	1	322200 191750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	70	1	322200 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	71	1	322450 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	75	1	322300 191450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	85	1	322400 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	112	1	322200 191850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	130	1	322100 191750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	135	1	322350 191300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	159	1	322100 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	229	1	322050 191850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	240	1	322000 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	309	1	322750 191800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	326	1	322100 191250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	329	1	322050 191350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	380	1	322200 192150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	393	1	321900 191400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	428	1	321900 191350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	429	1	322200 192200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	439	1	322050 192150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	496	1	322950 191300
1	Discharge Consents Operator: Cory Distribution Property Type: Undefined Or Other Location: Newtown Ind Estate Cory Warehouse Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0118601 Permit Version: 1 Effective Date: 12th January 1979 Issued Date: 12th January 1979 Revocation Date: 15th November 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	78	2	322280 191500
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: R.O.Cobden Street . . . Np11 7pf Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: An0155201 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 8th February 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ebbw Status: Appeal by applicant: Revised by Secretary of State (Section 39) Positional Accuracy: Located by supplier to within 10m	A13NW (W)	97	2	322100 191640
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: R.O.Cobden Street . . . Np11 7pf Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0155201 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ebbw Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A13NW (W)	97	2	322100 191640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Wvts-Cross Keys Playing Field Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AB0058301 Permit Version: 1 Effective Date: 8th September 1967 Issued Date: 8th September 1967 Revocation Date: 1st April 2008 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Ebbw River Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	133	2	322540 191320
4	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: R/O Cobden St Cso, Crosskeys, Rear 27, Cobden St, Newport, Np11 7pf Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0155201 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: A Tributary Of The River Ebbw Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	145	2	322195 191467
4	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: R.O.Cobden Street . . , Np11 7pf Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0155201 Permit Version: 3 Effective Date: 2nd February 2010 Issued Date: 2nd February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Ebbw Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	145	2	322195 191467
4	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: R.O.Cobden Street . . , Np11 7pf Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0155201 Permit Version: 3 Effective Date: 2nd February 2010 Issued Date: 2nd February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Ebbw Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	145	2	322195 191467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Crosskeys Blackvein Sso2, Caerphilly Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0360101 Permit Version: Not Supplied Effective Date: 29th March 2007 Issued Date: 29th March 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ebbw Fawr Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	158	2	322607 191352
5	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Crosskeys Blackvein Sso2, Caerphilly Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0360101 Permit Version: 2 Effective Date: 29th March 2007 Issued Date: 29th March 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ebbw Fawr Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	158	2	322607 191352
5	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Crosskeys Blackvein Sso2, Caerphilly Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0360101 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: Ebbw Fawr Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	158	2	322607 191352
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Waunfawr Park Crosskeys, Caerphilly Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0363101 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 31st March 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ebbw Fawr Status: Surrendered Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	210	2	322659 191339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Waunfawr Park Crosskeys, Caerphilly Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0363101 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 31st March 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ebbw Fawr Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	210	2	322659 191339
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Waunfawr Park Crosskeys, Caerphilly Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0363101 Permit Version: 1 Effective Date: 31st March 2009 Issued Date: 7th March 2005 Revocation Date: 30th March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ebbw Fawr Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	210	2	322659 191339
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Crosskeys Waunfawr Park Cso, Nr Playground, Waunfawr Park, Off Waunfawr Park Rd, Cross Keys, Newport, Np11 7ph Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0377101 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 Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	211	2	322665 191349
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Combined Sewer Overflow Cso 111 W, A Cso, Cso 111, Waunfawr Park, Crosskeys Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0377101 Permit Version: 1 Effective Date: 9th December 2004 Issued Date: 9th December 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Ebbw Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	211	2	322665 191349

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Combined Sewer Overflow Cso 111 W, A Cso, Cso 111, Waunfawr Park, Crosskeys Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0377101 Permit Version: 1 Effective Date: 9th December 2004 Issued Date: 9th December 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Ebbw Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	211	2	322665 191349
7	<p>Discharge Consents</p> <p>Operator: Harris G Property Type: Retail Filling Stations Location: Garage At Newton Ind Estate Cross, Crosskeys Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0116501 Permit Version: 1 Effective Date: 1st November 1978 Issued Date: 1st November 1978 Revocation Date: 18th July 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Sirhowy Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	253	2	322180 191300
8	<p>Discharge Consents</p> <p>Operator: Summerill L Property Type: Undefined Or Other Location: Road Transport Depot Newtown Ind Es, Newtown Ind Est Crosskeys Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0140402 Permit Version: 1 Effective Date: 8th August 1983 Issued Date: 8th August 1983 Revocation Date: 25th September 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unknown Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	273	2	322090 191390
8	<p>Discharge Consents</p> <p>Operator: Summerill L Property Type: Undefined Or Other Location: Road Transport Depot Newtown Ind Es, Newtown Ind Est Crosskeys Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0140401 Permit Version: 1 Effective Date: 8th August 1983 Issued Date: 8th August 1983 Revocation Date: 25th September 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unspecified Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	287	2	322070 191390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: 92 Tredegar Street Newtown Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0154801 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 23rd January 2004 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	323	2	321950 191450
10	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: 21 Gladstone Street Crosskeys Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0154901 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 4th March 2004 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	335	2	321900 191820
10	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 41 Outside 21 Gladstone Street, Combined Sewer Overflow 41, Crosskeys, Caerphilly Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0154901 Permit Version: 2 Effective Date: 5th March 2004 Issued Date: 4th March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Ebbw Fawr River Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	358	2	321875 191822
10	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 41 Outside 21 Gladstone Street, Combined Sewer Overflow 41, Crosskeys, Caerphilly Authority: Natural Resources Wales Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS Reference: An0154901 Permit Version: 2 Effective Date: 5th March 2004 Issued Date: 4th March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Ebbw Fawr River Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	358	2	321875 191822

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: 21 Gladstone St Cso, Crosskeys, O/S 21, Gladstone St, Cross Keys, Newport, Np11 7pa Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0154901 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: The Ebbw Fawr River Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	360	2	321885 191844
11	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 42 92 Tredegar St Cross Keys, 92 Tredegar St, Crosskeys, Gwent, Np11 7pq Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0154801 Permit Version: Not Supplied Effective Date: 14th October 2019 Issued Date: 14th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Sirhowy Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	395	2	321932 191365
11	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 42 92 Tredegar St Cross Keys, 92 Tredegar Street, Caerphilly Authority: Natural Resources Wales Catchment Area: SIRHOWY R - ROCK VILLAS TO CONF AFON EBWY Reference: An0154801 Permit Version: 2 Effective Date: 24th January 2004 Issued Date: 23rd January 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Sirhowey Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	395	2	321932 191365
11	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso 42 92 Tredegar St Cross Keys, 92 Tredegar Street, Caerphilly Authority: Natural Resources Wales Catchment Area: SIRHOWY R - ROCK VILLAS TO CONF AFON EBWY Reference: An0154801 Permit Version: 2 Effective Date: 24th January 2004 Issued Date: 23rd January 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Sirhowey Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	395	2	321932 191365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Western Terrace Fields Park . Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0155001 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 28th March 2002 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	564	2	321910 192200
13	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Islwyn Rd Cso, Crosskeys, Cross Keys, Newport, Np11 7pz Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0154001 Permit Version: Not Supplied Effective Date: 7th August 2019 Issued Date: 7th August 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Sirhowy Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	686	2	321525 191511
13	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Islwyn Rd Wattsville, Np11 7yd Authority: Natural Resources Wales Catchment Area: SIRHOWY R - ROCK VILLAS TO CONF AFON EBWY Reference: An0154001 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Sirhowy Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	697	2	321510 191530
13	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Islwyn Rd Wattsville, Np11 7yd Authority: Natural Resources Wales Catchment Area: SIRHOWY R - ROCK VILLAS TO CONF AFON EBWY Reference: An0154001 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Sirhowy Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	697	2	321510 191530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Islwyn Rd Wattsville, Np11 7yd Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0154001 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Sirhowy Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	697	2	321510 191530
14	<p>Discharge Consents</p> <p>Operator: Ryan Industrial Fuels Ltd Property Type: Undefined Or Other Location: Risca Blackvein Coal Recovery Site Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0124701 Permit Version: 1 Effective Date: 14th May 1980 Issued Date: 14th May 1980 Revocation Date: 20th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unspecified Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	792	2	323180 191080
15	<p>Discharge Consents</p> <p>Operator: Ryan Industrial Fuels Ltd Property Type: Undefined Or Other Location: Risca Blackvein Coal Recovery Site Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0124702 Permit Version: 1 Effective Date: 14th May 1980 Issued Date: 14th May 1980 Revocation Date: 20th November 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unspecified Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	822	2	323240 191140
15	<p>Discharge Consents</p> <p>Operator: Islwyn Borough Council Property Type: Unspecified Tip Location: Waunfawr Refuse Tip Risca Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0131501 Permit Version: 1 Effective Date: 6th August 1981 Issued Date: 6th August 1981 Revocation Date: 16th January 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Unspecified Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	835	2	323250 191130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Discharge Consents</p> <p>Operator: Tarmac Ltd Property Type: Ready Mixed Concrete Location: Concrete Batching Plant Blackvein I, Blackvein Industrial Estate Watt, Wattsville Risca</p> <p>Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0239001 Permit Version: 2 Effective Date: 27th May 1995 Issued Date: 26th May 1995 Revocation Date: 8th July 2002 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: River Sirhowy</p> <p>Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)</p> <p>Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	835	2	321370 191530
16	<p>Discharge Consents</p> <p>Operator: Arc South Wales Ltd Property Type: Ready Mixed Concrete Location: Concrete Batching Plant Blackvein I, Blackvein Industrial Estate Watt, Wattsville Risca</p> <p>Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: An0239001 Permit Version: 1 Effective Date: 23rd February 1993 Issued Date: 23rd February 1993 Revocation Date: 26th May 1995 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: River Sirhowy</p> <p>Status: Authorisation revoked</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	835	2	321370 191530
17	<p>Discharge Consents</p> <p>Operator: Silent Valley Waste Services Ltd Property Type: Undefined Or Other Location: Full Moon Waste Trans Station Watts, Wattsville Near Risca .</p> <p>Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0258301 Permit Version: 1 Effective Date: 24th April 1995 Issued Date: 24th April 1995 Revocation Date: 16th July 2002 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Sirhowy</p> <p>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</p> <p>Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	836	2	321400 191400
18	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Pontywaun Farm . .</p> <p>Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: AN0155101 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 28th March 2002 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw</p> <p>Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)</p> <p>Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	844	2	321900 192530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Discharge Consents</p> <p>Operator: Director Of Environmental Services Property Type: Not Supplied Location: Full Moon Civic Amenity Site, Cross Keys, Caerphilly, Np1 3bd Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0258301 Permit Version: Not Supplied Effective Date: 17th July 2002 Issued Date: 16th July 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Sirhowy Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	975	2	321245 191439
20	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Walker Concrete Products Ltd Location: Newtown Industrial Estate, Cross Keys, Newport, Gwent, Np11 7pz Authority: Caerphilly County Borough Council, Environmental Health Department Permit Reference: CCBC/LAPPC/WALKER Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (SW)	268	3	322082 191405
21	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Risca Garages Ltd Location: 89 Cromwell Road, Risca, NEWPORT, Gwent, NP1 7AD Authority: Caerphilly County Borough Council, Environmental Health Department Permit Reference: P020 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	827	3	323309 191467
22	<p>Local Authority Pollution Prevention and Control Enforcements</p> <p>Location: Newtown Industrial Estate, Crosskeys, Risca, Np11 7pz Type: Air Pollution Control Enforcement Notice Reference: Not Supplied Date Issued: 1st March 2008 Enforcement Date: Not Supplied Details: Two Notices Served Relating To Dust Emissions - Prosecution Carried Out Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (SW)	288	3	322068 191391
	<p>Nearest Surface Water Feature</p>	A13SE (SE)	10	-	322475 191425
23	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Near Cross Keys Rugby Club Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 5th January 1996 Incident Reference: 27407 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>	A18SW (N)	216	4	322300 191995
23	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Rugby Ground, CROSSKEYS Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 27th September 1994 Incident Reference: 22155 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>	A18SW (N)	221	4	322300 192000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Warehouses Location: Adjacent To, Risca Fire Station Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Vandalism Incident Date: 13th January 1996 Incident Reference: 27404 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	400	4	322000 191300
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Adjacent To Risca Fire Station Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Vandalism Incident Date: 13th January 1996 Incident Reference: 27404 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	403	4	322000 191295
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Between Cwmcarn, And Pandy Park, CROSS KEYS Authority: Environment Agency, Welsh Region Pollutant: Road Run-Off Note: Not Supplied Incident Date: 22nd April 1996 Incident Reference: 28123 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>	A17SE (NW)	571	4	321900 192200
26	<p>Prosecutions Relating to Authorised Processes</p> <p>Location: North Blackvein Industrial Estate, Cross Keys, NEWPORT, Gwent, NP11 7YD Prosecution Text: EA News Release 09/03/2000, Failing to comply with producer responsibility obligations introduced three years ago. First company in Wales prosecuted (three offences) under these regulations. Prosecution Act: PRO97 r3(5a)(5bi)(5bii) & r34(1a)(1b) Hearing Date: 7th March 2000 Verdict: Guilty Fine: 750 Costs: 500 Positional Accuracy: Automatically positioned to the address</p>	A11SE (W)	958	4	321243 191552
27	<p>Registered Radioactive Substances</p> <p>Name: Mayer Cohen Industries Ltd Location: Newtown Industrial Estate, Cross Keys, NEWPORT, Gwent, NP1 7PZ Authority: Natural Resources Wales Permit Reference: AG0364 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	309	2	322074 191355
	<p>River Quality</p> <p>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</p>	A8NW (S)	183	4	322291 191254

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Ebbw Fawr GQA Grade: River Quality B Reach: Sirhowy Conf. - Newbridge Bk. Estimated Distance (km): 6.6 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13SW (SW)	248	4	322106 191384
	River Quality Name: Sirhowy GQA Grade: River Quality B Reach: Ebbw Fawr Conf.-Nant Hafod Tudor Estimated Distance (km): 1.8 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13SW (SW)	266	4	322189 191265
28	River Quality Biology Sampling Points Name: Ebbw Fawr Reach: Bassaleg Bridge To Sirhowy Confluence Estimated Distance: 8.40 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 1995 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2007 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A13SW (SW)	236	4	322200 191300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p>River Quality Chemistry Sampling Points</p> <p>Name: Ebbw Fawr Reach: Sirhowy Confluence To Newbridge Brook Estimated Distance: 6.60 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied</p>	A12NE (W)	319	4	321879 191703

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<p>River Quality Chemistry Sampling Points</p> <p>Name: Sirhowy Reach: Ebbw Fawr Confluence To Nant Hafod Tudor Estimated Distance: 1.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied</p>	A12SW (W)	718	4	321489 191528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<p>River Quality Chemistry Sampling Points</p> <p>Name: Sirhowy Reach: Nant Hafod Tudor To Ynys Ddu Bridge Estimated Distance: 4.30 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied</p>	A12SW (W)	718	4	321489 191528
31	<p>Substantiated Pollution Incident Register</p> <p>Authority: Natural Resources Wales Incident Date: 28th June 2018 Incident Reference: 1803665 Water Impact: Category 4 - No Impact Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material</p>	A12SE (W)	341	2	321865 191574
32	<p>Substantiated Pollution Incident Register</p> <p>Authority: Natural Resources Wales Incident Date: 8th June 2021 Incident Reference: 2104971 Water Impact: Category 2 - Significant Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke</p>	A12SW (W)	568	2	321650 191500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 15th January 2019 Incident Reference: 1900331 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: Specific Waste Materials: Commercial Waste	A12NW (W)	776	2	321421 191597
	Water Abstractions Operator: Wattsville Allotment Association Licence Number: 20/56/65/0019 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 212.8 Details: Nant Hafod-Tudor 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	(W)	1697	4	320530 191330
	Water Abstractions 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	(S)	1828	2	323137 189723
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: 40-70% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A13NE (W)	0	2	322360 191598
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (W)	0	2	322360 191598
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (W)	0	2	322360 191598
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	0	2	322321 191545
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	11	2	322319 191544
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SE (SE)	37	2	322511 191422

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SW (W)	62	2	322187 191594
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SW (SW)	166	2	322185 191445
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (SE)	33	2	322467 191400
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (SE)	77	2	322544 191408
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (W)	136	2	322066 191616
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (SW)	158	2	322191 191449
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (W)	170	2	322063 191553
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (SW)	231	2	322189 191327
34	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1024.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A13NE (N)	87	5	322413 191827
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	118	5	322287 191317
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	133	5	322535 191317
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	134	5	322535 191317
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 619.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	150	5	322205 191447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	159	5	322287 191317
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NE (E)	182	5	322677 191606
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 266.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NE (E)	182	5	322677 191603
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NE (E)	184	5	322681 191617
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	205	5	322320 191218
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NE (S)	205	5	322452 191207
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14NW (E)	208	5	322691 191698
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NE (S)	208	5	322452 191205
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	224	5	322314 191219

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NE (S)	228	5	322493 191191
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A8NE (S)	228	5	322493 191191
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	230	5	322682 191340
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	230	5	322682 191340
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	248	5	322264 191221
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	248	5	322264 191221
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A8NW (S)	275	5	322246 191199
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	275	5	322246 191199
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NE (SE)	279	5	322650 191220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NW (SE)	288	5	322684 191240
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NW (SE)	288	5	322684 191240
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	295	5	322184 191228
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	295	5	322184 191228
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	295	5	322184 191228
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 297.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	298	5	322123 191306
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	298	5	322123 191306
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NE (SE)	305	5	322603 191156
65	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	339	5	322173 191176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	344	5	321862 191745
67	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 130.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A18SW (N)	347	5	322190 192113
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SW (N)	347	5	322224 192122
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	347	5	321861 191754
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	347	5	321861 191754
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 741.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	351	5	321860 191764
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14SW (SE)	355	5	322819 191357
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14SW (E)	355	5	322840 191409
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SW (N)	355	5	322275 192135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	359	5	322163 191158
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A14SW (SE)	360	5	322821 191344
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	378	5	322155 191140
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	378	5	322155 191140
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SW (N)	382	5	322301 192162
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	383	5	322120 191167
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NW (SE)	389	5	322798 191222
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	413	5	322105 191138
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	413	5	322105 191138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14NW (E)	426	5	322922 191619
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14SW (SE)	446	5	322908 191340
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 374.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A14SW (SE)	446	5	322908 191340
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A12SE (W)	447	5	321840 191389
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SE (W)	447	5	321840 191389
89	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	457	5	322171 191031
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	468	5	322165 191023
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14NW (E)	470	5	322967 191642
92	OS Water Network Lines 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	A18SW (N)	473	5	322159 192235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	476	5	322153 191020
94	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 321.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A18SW (N)	477	5	322149 192237
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	478	5	322151 191020
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	480	5	322149 191018
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	480	5	322149 191018
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NW (SE)	497	5	322927 191235
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14NE (E)	532	5	323023 191698
100	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 365.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A14NE (E)	538	5	323027 191711
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14NE (E)	538	5	323027 191711

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 424.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14NE (E)	542	5	323030 191719
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	626	5	321610 191439
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	626	5	321610 191439
105	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	659	5	323078 191174
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A19SW (NE)	668	5	322952 192113
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	670	5	323082 191157
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A19SW (NE)	670	5	322949 192120
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NW (SE)	680	5	322987 190991
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NW (SE)	680	5	322987 190991

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	694	5	323078 191096
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14SE (E)	703	5	323196 191553
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	712	5	321495 191530
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8SE (S)	714	5	322467 190699
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	717	5	321491 191523
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	721	5	323047 190999
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 488.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9SW (SE)	745	5	322946 190861
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9SW (SE)	765	5	322986 190868
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14SE (E)	769	5	323222 191264

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14SE (E)	769	5	323222 191264
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14SE (E)	775	5	323261 191494
122	OS Water Network Lines 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	A14SE (E)	778	5	323233 191271
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A14SE (E)	787	5	323244 191282
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18NW (N)	796	5	322049 192539
125	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 510.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 2	A18NW (N)	796	5	322049 192539
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	797	5	323208 191128
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	797	5	323208 191128
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14SE (E)	799	5	323283 191483

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 470.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	811	5	321475 191276
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	812	5	323167 191015
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	818	5	321449 191324
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	824	5	323159 190979
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14SE (E)	828	5	323315 191494
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	832	5	321812 192464
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A17NE (NW)	832	5	321812 192464
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	833	5	323131 190925
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	839	5	321367 191520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A14SE (E)	842	5	323329 191500
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	843	5	321364 191519
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	843	5	321364 191519
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	849	5	321813 192484
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	849	5	321813 192484
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 752.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14NE (E)	849	5	323342 191698
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A14NE (E)	851	5	323344 191691
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 484.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Sirhywi Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	857	5	321350 191515
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	857	5	321350 191515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	861	5	321746 192449
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	864	5	321790 192486
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	865	5	323298 191179
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SW (W)	865	5	321339 191533
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	870	5	323306 191185
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A15NW (E)	872	5	323368 191654
153	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 35.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A15NW (E)	875	5	323371 191610
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	876	5	321766 192484
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A17NE (NW)	876	5	321775 192491

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	876	5	321775 192491
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	877	5	321764 192484
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	880	5	321774 192496
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A15SW (E)	881	5	323375 191561
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	884	5	321774 192500
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	884	5	321774 192500
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A23SW (N)	890	5	322242 192669
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	900	5	321772 192517
164	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A15SW (E)	905	5	323401 191594

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	906	5	321888 192594
166	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A15NW (E)	908	5	323404 191598
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	911	5	321864 192586
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A11NE (W)	912	5	321284 191702
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A9NE (SE)	916	5	323327 191105
170	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A11NE (W)	919	5	321275 191672
171	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A11NE (W)	921	5	321274 191674
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	925	5	321830 192584
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A23SW (N)	927	5	322209 192703

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A23SW (N)	927	5	322207 192704
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	929	5	321818 192582
176	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 195.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A15SW (E)	930	5	323426 191573
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A23SW (N)	930	5	322243 192709
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A23SW (N)	932	5	322240 192711
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A11NE (W)	932	5	321263 191674
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	966	5	321676 192529
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	967	5	321677 192531
182	OS Water Network Lines 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	A17NE (NW)	967	5	321677 192531

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	968	5	321678 192532
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	968	5	321678 192532
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A23SW (N)	969	5	322162 192741
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A10NW (E)	978	5	323419 191191
187	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A7SW (SW)	978	5	321580 190893
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NE (NW)	980	5	321676 192547
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A7SW (SW)	983	5	321577 190887
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A15SW (E)	990	5	323455 191313
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A15SW (E)	990	5	323455 191313

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A15SW (E)	997	5	323460 191304

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	<p>BGS Recorded Landfill Sites</p> <p>Site Name: Waunfawr Brickworks Location: RISCA, Monmouthshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived</p>	A9NE (SE)	633	-	323047 191168
194	<p>Historical Landfill Sites</p> <p>Licence Holder: Islwyn Borough Council Location: Risca, Caerphilly Name: Waunfawr Park Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14554 First Input Date: 31st December 1920 Last Input Date: 31st December 1935 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6920/0044 BGS Ref: Not Supplied Other Ref: Not Supplied</p>	A13SE (SE)	116	2	322590 191419
195	<p>Historical Landfill Sites</p> <p>Licence Holder: Iscwn Borough Council Location: Risca, Monmouthshire Name: Waunfawr Brickworks Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14560 First Input Date: 31st March 1973 Last Input Date: 31st December 1981 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6920/0067 BGS Ref: 2597 Other Ref: Not Supplied</p>	A9NE (SE)	673	2	323090 191153
196	<p>Historical Landfill Sites</p> <p>Licence Holder: M Allen Location: Land at the Darren, Risca Name: Land at The Darren Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14074 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Industrial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6920/0032 BGS Ref: Not Supplied Other Ref: 3</p>	A14NE (E)	779	2	323275 191600
197	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 30057 Location: Mayer Cohen Industries, Newtown Ind Est, Crosskeys, Newport, Gwent, NP11 7PZ Operator Name: Mayer Cohen Industries Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) Licence Status: Surrendered Issued: 1st August 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 27th June 2000 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	327	2	322043 191360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: EB3433RE Location: Riverside Garage, Newtown Ind Est, Cross Keys, Caerphilly, Caerphilly, NP11 7PZ Operator Name: Grant Haines Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Revoked Issued: 6th March 2019 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 21st August 2019 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	328	2	322045 191357
197	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 30055 Location: Riverside Garage, Newtown Ind Est, Cross Keys, NP11 7PZ Operator Name: Haines Grant Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 25th February 1992 Last Modified: 8th June 2006 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)	328	2	322045 191357
198	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 103741 Location: G L J Recycling, Islwyn Road, Newtown Industrial Estate, Crosskeys, NP11 7PZ Operator Name: G L J Recycling Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Vehicle depollution facility Licence Status: Issued Issued: 20th February 2012 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>	A12SW (W)	570	2	321644 191513
198	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: EB3232AV Location: G L J Recycling Ltd, Islwyn Road, Newtown Industrial Estate, Crosskeys, Gwent, Caerphilly, NP11 7PZ Operator Name: G L J Recycling Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Vehicle depollution facility Licence Status: Surrendered Issued: 20th February 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd June 2020 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	570	2	321644 191513
	<p>Local Authority Landfill Coverage</p> <p>Name: Caerphilly County Borough Council - Has supplied landfill data</p>		0	3	322360 191598
199	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971</p>	A13SE (SE)	145	-	322569 191326
200	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971</p>	A12SE (SW)	418	-	321872 191334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A9NW (SE)	469	-	322828 191129
202	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A14NW (E)	485	-	322969 191730
203	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A9NW (SE)	503	-	322929 191223
204	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A9NW (SE)	510	-	322925 191200
205	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A9NW (SE)	595	-	322867 190989
206	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A12NW (W)	665	-	321532 191716
207	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A8SE (S)	668	-	322658 190781
208	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A14NE (E)	698	-	323194 191603
209	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A8SE (S)	726	-	322428 190686
210	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A14NE (E)	809	-	323304 191671
211	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A19SE (NE)	851	-	323182 192127
212	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A15NW (E)	898	-	323390 191710
213	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A19SE (NE)	937	-	323263 192163
214	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A15NW (E)	941	-	323420 191804
215	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1971	A20SW (E)	996	-	323427 191978
216	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (SW)	82	-	322216 191507
217	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A9NE (SE)	729	-	323098 191060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1953</p>	A9NE (SE)	738	-	323041 190964
219	<p>Registered Landfill Sites</p> <p>Licence Holder: M Allen Licence Reference: 3 Site Location: Land At The Darren, Risca, Newport, Gwent Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 32 Rosemount Avenue, Risca, Gwent 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: Constr'N/Demol. Inert/Non-Haz/Non-Tox Excavated Natural Materials \$</p>	A14NE (E)	769	4	323265 191645
220	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Crosskeys Motor Services Ltd Licence Reference: 1993(17) Site Location: Riverside Garage, Newtown Industrial Estate, Crosskeys, NEWPORT, Gwent, NP1 7PZ Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 8th February 2001 Preceded By: 1993(17) MOD(96) Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Maximum Storage In Licence Ukw 21.00.00 Inert Materials Ukw 22.00.00 General & Biodegradable Waste - Including Ukw 23.01.00 Ferrous Metal Scrap (Not Metal Compounds) Ukw 23.02.00 Non-Ferrous Metal Scrap (Not Compounds/Catalysts/Etc) Ukw 23.04.05 Cable & Wire Ukw 24.00.00 Contaminated General Waste Prohibited Waste: Liquid Wastes Other Waste / Waste Not Otherwise Specified Sludge Wastes Special Waste (As In Epa 1990:S62 Of 1996 Regs) Swarf Or Dust Waste Solely/Mainly Finely Divided Metals Or Dusts/Powders/Loose Fibres</p>	A13SW (SW)	336	4	322040 191350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Crosskeys Motors Ltd Licence Reference: 1993(17) MOD(96) Site Location: Riverside Garage, Newtown Industrial Estate, Crosskeys, NEWPORT, Gwent, NP1 7PZ</p> <p>Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 25th February 1992 Preceded By: Not Given Licence: Superseded By: 1993(17) Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Brickwork, Stonework, Slate, Concrete Gen.Builders/Constr'N Waste Comprising Glass Max.Storage In Licence Top/Subsoils, Sand Wood</p> <p>Prohibited Waste: Highly Flam./Lpg Regs'72 Subs Percussive/Explosive/Similar Waste Poisonous, Noxious, Polluting Wastes Putrescible Waste Special Wastes Sub'S Control. Radioactive Subs Act'60 Subs 76/454/Eec Danger Aquatic Env Waste N.O.S.</p>	A13SW (SW)	336	4	322040 191350
221	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Silent Valley Waste Services Ltd Licence Reference: 1994(30) Site Location: Full Moon Transfer Station, Wattsville, Crosskeys, Newport, Gwent Operator Location: Beechwood House, Cwm, EBBW VALE, Gwent, NP23 6PZ Authority: Environment Agency Wales, South East Area Site Category: Civic Amenity - with transfer Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 8th December 1994 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: Bonded Asbestos Max.Stor Canal Dredgings Household Waste Max.Stor Metal Cans Max.Stor Paper Max.Stor Road/Storm Clean.Surry/Slge Max.Stor Scrap Metal Max.Stor Solid Commercial Waste Solid Domestic Waste Max.Stor Solid Industrial Wastes Textiles Max.Stor Waste Oil Max.Stor</p> <p>Prohibited Waste: Flammable Liquids Percussive/Explosive/Similar Waste Special Wastes (As In '96 Regs) N.O.S Sub'S Control. Radioactive Subs Act'60 Waste N.O.S.</p>	A11SE (W)	957	4	321280 191380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Mayer Cohen Industries Ltd Licence Reference: 1992(8) MOD (96) Site Location: Newtown Industrial Estate, Crosskeys, NEWPORT, Gwent, NP1 7PZ Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Storage Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence has completion certificateSurrendered Dated: 25th February 1992 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 Capacitors Max.Stor Consumer Durables M.Stor Ferrous - Processed Max.Stor Lithium Batteries Max.Stor Mercury Vapour Relays Max.Stor Nickel Cadmium Batteries Max.Stor Non-Ferrous - Processed Max.Stor Plastic - Unprocessed Max.Stor Plastic Products Max.Stor Styrene Liquor/Contam.Water Max.Stor Used Telecom'S/Electronic Equipment & Waste Fuel Oil Max.Stor Prohibited Waste Waste N.O.S.</p>	A13SW (SW)	281	4	322070 191400
222	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: A Cohen & Co (GB) Ltd Licence Reference: 1991(4) Site Location: Newtown Industrial Estate, Crosskeys, NEWPORT, Gwent, NP1 7PZ Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard - with Transfer Station 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: Site exempt from licenceExempt Dated: 1st October 1991 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 Max.Stor Non-Ferrous Metal Max.Stor Non-Ferrous Swarf Max.Stor Plastic (Upvc) Max.Stor</p>	A13SW (SW)	289	4	322060 191400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13NE (W)	0	1	322360 191598
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SE (SE)	0	1	322383 191581
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (W)	0	1	322360 191598
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	14	1	322384 191744
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	90	1	322557 191403
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	333	1	322096 191282
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	396	1	321810 191752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	412	1	322360 191000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (SE)	615	1	323033 191183
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (SE)	709	1	323130 191169
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	761	1	323224 191300
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	834	1	323316 191465
223	BGS Recorded Mineral Sites Site Name: Black Vein Colliery Location: Machan, Caerphilly, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176322 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Deri Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NE (S)	208	1	322465 191206

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
223	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Risca Black Vein Location: Risca, Cwmbbran, Caerphilly Source: British Geological Survey, National Geoscience Information Service Reference: 188683 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Deri Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	243	1	322450 191169
224	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Black Vein Colliery Location: Machen, Newport, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 158643 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Deri Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	243	1	322370 191178
225	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Benson'S Level Location: Newtown, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140870 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: No. 2 Rhondda Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	287	1	322147 191288
226	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Jack-Y-North Pit Location: Newtown, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140869 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: No. 2 Rhondda Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	432	1	321893 191351
227	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pont Hall No. 2 Quarry Location: Cross Keys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 420 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	441	1	322405 192205
228	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coed Waun-Fawr Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176350 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	471	1	322831 191130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Black Vein Colliery Location: Machen, Newport, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 158612 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Deri Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	511	1	322370 190905
230	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coed Waun-Fawr Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176352 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation And South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	523	1	322936 191193
231	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coed Waun-Fawr Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176353 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation And South Wales Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	600	1	322871 190987
232	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coed Waun-Fawr Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176351 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	619	1	322687 190845
233	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Craig-Yr-Haul Location: Wattsville, Cwmbran, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176556 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	665	1	321533 191730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
234	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Craig-Yr-Haul Location: Wattsville, Cwmbbran, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176555 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	679	1	321529 191796
235	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Rock Vein Colliery Location: Newtown, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140868 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: No. 2 Rhondda Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	689	1	321561 191389
235	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Rock Vein Colliery Location: Newtown, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140867 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: No. 2 Rhondda Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	702	1	321548 191387
236	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Craig Y Pandy Location: Cwmbbran, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176300 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	708	1	321728 192215
237	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Black Vein Colliery Location: Machen, Newport, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 158613 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Deri Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	726	1	322426 190686
238	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Waun Fawr Brickworks Location: Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 26698 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	736	1	323100 191050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Rhyd-Fraith Location: Wattsville, Cwmbbran, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176312 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	779	1	321505 191299
240	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Risca Colliery, No 1 Location: Wattsville, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140863 Type: Underground Status: Ceased Operator: Ncb South-Western Division Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	834	1	321363 191605
240	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Risca Colliery Drift Location: Wattsville, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140865 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	852	1	321343 191634
240	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Risca Colliery Drift Location: Newtown, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140866 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	852	1	321343 191634
240	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Risca Colliery, No 2 Location: Wattsville, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 140864 Type: Underground Status: Ceased Operator: Ncb South-Western Division Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	881	1	321316 191599
241	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Risca Brick Works Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176341 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	838	1	323334 191665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176537 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	862	1	323189 192137
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176538 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	862	1	323189 192137
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176539 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	862	1	323189 192137
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176534 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	893	1	323226 192138
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176535 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	893	1	323226 192138
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176536 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	893	1	323226 192138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176540 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	942	1	323266 192166
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176541 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	942	1	323266 192166
242	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176542 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	942	1	323266 192166
243	BGS Recorded Mineral Sites Site Name: Pont Hall No. 1 Quarry Location: Pontywaun, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 419 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A23SW (N)	947	1	322340 192725
244	BGS Recorded Mineral Sites Site Name: Darren Colliery Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176340 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A15NW (E)	954	1	323438 191775
245	BGS Recorded Mineral Sites Site Name: Cwm-Byr Location: Crosskeys, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176339 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A20SW (E)	983	1	323407 191994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (W)	0	6	322360 191598
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (W)	0	-	322360 191598
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	31	1	322285 191538
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	144	1	322281 191283
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	31	1	322285 191538
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	144	1	322281 191283
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	32	1	322411 191734
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	87	1	322412 191821
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	124	1	322332 191309
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	154	1	322531 191796
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	182	1	322556 191273
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	192	1	322613 191303
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	209	1	322504 191214
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A14NW (E)	222	1	322716 191660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	14	1	322411 191734
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	31	1	322285 191538
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	144	1	322281 191283
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	31	1	322285 191538
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	144	1	322281 191283
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	322300 191650
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	322300 191650
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	322360 191598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	<p>Contemporary Trade Directory Entries</p> <p>Name: College Motor Co Location: Risca Road, Cross Keys, Newport, Gwent, NP11 7BT Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	0	-	322322 191729
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Crosskeys Car Sales Location: Risca Rd, Cross Keys, Newport, Gwent, NP11 7BT Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	40	-	322257 191806
248	<p>Contemporary Trade Directory Entries</p> <p>Name: B Q Cars Location: Medart Place, Cross Keys, Newport, Gwent, NP11 7DJ Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (E)	44	-	322540 191615
249	<p>Contemporary Trade Directory Entries</p> <p>Name: Right By Motor Company Location: Medart Place, Cross Keys, Newport, Gwent, NP11 7DJ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NE (E)	45	-	322536 191644
249	<p>Contemporary Trade Directory Entries</p> <p>Name: W D Cars Location: Medart Place, Cross Keys, Newport, Gwent, NP11 7DJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	45	-	322536 191644
249	<p>Contemporary Trade Directory Entries</p> <p>Name: Cross Keys Tyre Service Location: Medart Place, Cross Keys, Newport, Gwent, NP11 7DJ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	75	-	322561 191663
249	<p>Contemporary Trade Directory Entries</p> <p>Name: A & J Auto Service Location: Medart Place, Cross Keys, Newport, Gwent, NP11 7DJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	75	-	322561 191663
250	<p>Contemporary Trade Directory Entries</p> <p>Name: L J Symonds Location: 20, Bright Street, Cross Keys, Newport, Gwent, NP11 7PB Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	190	-	322071 191812
250	<p>Contemporary Trade Directory Entries</p> <p>Name: Callow Electrical Services Location: 36, Bright Street, Cross Keys, Newport, Gwent, NP11 7PB Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	197	-	322042 191784
250	<p>Contemporary Trade Directory Entries</p> <p>Name: R R Mobile Mechanics Location: 46, Gladstone Street, Cross Keys, Newport, NP11 7PA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	245	-	322002 191812
251	<p>Contemporary Trade Directory Entries</p> <p>Name: Copywrite Location: 9, Risca Road, Cross Keys, Newport, Gwent, NP11 7BT Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	209	-	322119 191904

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
252	<p>Contemporary Trade Directory Entries</p> <p>Name: Connexion Point Location: M G I Building, Newtown Industrial Estate, Cross Keys, Newport, Gwent, NP11 7PZ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	215	-	322132 191429
252	<p>Contemporary Trade Directory Entries</p> <p>Name: Titan Transport & Logistics Ltd Location: Newtown Ind Est, Cross Keys, Newport, Gwent, NP11 7PZ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A13SW (SW)	216	-	322132 191428
253	<p>Contemporary Trade Directory Entries</p> <p>Name: Dan@lotasigma.Co.Uk Location: Unit 3, Waunfawr Business Park, Newtown Industrial Estate, Cross Keys, Newport, NP11 7PZ Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	304	-	322022 191410
254	<p>Contemporary Trade Directory Entries</p> <p>Name: R & S Engineering Services Location: Unit 8A, Newtown Industrial Estate, Cross Keys, Newport, Gwent, NP11 7PZ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	316	-	322069 191350
254	<p>Contemporary Trade Directory Entries</p> <p>Name: G Summerill Location: Unit 7, Newtown Industrial Estate, Cross Keys, Newport, NP11 7PZ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	324	-	322074 191334
254	<p>Contemporary Trade Directory Entries</p> <p>Name: N A G Recycling Scrap Merchants Location: Riverside, Unit 8, Newtown Industrial Estate, Cross Keys, NEWPORT, Gwent, NP11 7PZ Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	338	-	322048 191339
255	<p>Contemporary Trade Directory Entries</p> <p>Name: G R G Refrigeration Location: 4, Carlton Place, Cross Keys, Newport, Gwent, NP11 7BW Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	325	-	322136 192068
256	<p>Contemporary Trade Directory Entries</p> <p>Name: City Pest & Vermin Control Location: 18, Tredegar Terrace, Cross Keys, Newport, Gwent, NP11 7PR Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	387	-	321857 191471
256	<p>Contemporary Trade Directory Entries</p> <p>Name: City Pest & Vermin Control Location: 18, Tredegar Terrace, Cross Keys, Newport, Gwent, NP11 7PR Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	387	-	321857 191471
257	<p>Contemporary Trade Directory Entries</p> <p>Name: Stephen Evans Location: 103, High Street, Cross Keys, Newport, Gwent, NP11 7FN Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	400	-	322038 192093
258	<p>Contemporary Trade Directory Entries</p> <p>Name: Linchris Mobility Services Location: Unit B, 26, High Street, Cross Keys, Newport, NP11 7FN Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	416	-	322076 192138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	<p>Contemporary Trade Directory Entries</p> <p>Name: P Retter Location: Cromwell Rd, Risca, Newport, Gwent, NP11 7AF Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A14SW (E)	476	-	322957 191483
260	<p>Contemporary Trade Directory Entries</p> <p>Name: Malcolm'S Mobile Tyres Location: 34, CROMWELL ROAD, RISCA, NP11 7AF Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	567	-	323047 191468
261	<p>Contemporary Trade Directory Entries</p> <p>Name: A Pressed-O Ironing Company Location: 33, High Street, Cross Keys, Newport, Gwent, NP11 7FR Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (NW)	591	-	322046 192320
262	<p>Contemporary Trade Directory Entries</p> <p>Name: L J I Ltd Location: 2, Park View, Cross Keys, Newport, Gwent, NP11 7DD Classification: Blast Cleaning Status: Active Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	652	-	321993 192362
263	<p>Contemporary Trade Directory Entries</p> <p>Name: Isca (Uk) Ltd Location: Blackvein Ind Est, Cross Keys, Newport, Gwent, NP11 7PX Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	787	-	321409 191620
264	<p>Contemporary Trade Directory Entries</p> <p>Name: Esso Location: 89, Cromwell Road, Risca, Newport, NP11 7AD Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	826	-	323309 191467
264	<p>Contemporary Trade Directory Entries</p> <p>Name: Texaco Location: 89, Cromwell Road, Risca, Newport, NP11 7AD Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	826	-	323309 191467
264	<p>Contemporary Trade Directory Entries</p> <p>Name: G F Williams & Sons (Risca) Garages Ltd Location: 89, Cromwell Road, Risca, Newport, Gwent, NP11 7AD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	826	-	323309 191467
264	<p>Contemporary Trade Directory Entries</p> <p>Name: G S Williams Location: 89, Cromwell Road, Risca, Newport, NP11 7AD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	826	-	323308 191466
265	<p>Contemporary Trade Directory Entries</p> <p>Name: Philip Retter Car Sales Location: Cromwell Road, Risca, Newport, NP11 7AD Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	849	-	323330 191456
265	<p>Contemporary Trade Directory Entries</p> <p>Name: Phil Harvey Tyres Location: Cromwell Road, Risca, Newport, NP11 7AD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	889	-	323370 191454
266	<p>Contemporary Trade Directory Entries</p> <p>Name: Capital Coated Steel Location: Unit 3, North Blackvein Industrial Estate, Cross Keys, Newport, NP11 7PX Classification: Coating Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A11SE (W)	957	-	321244 191553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	Contemporary Trade Directory Entries Name: Capital Coated Steel Ltd Location: Unit 3, North Blackvein Industrial Estate, Cross Keys, Newport, NP11 7PX Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (W)	957	-	321244 191553
266	Contemporary Trade Directory Entries Name: Macward Precision Slitting Location: Unit 3, North Blackvein Industrial Estate, Cross Keys, Newport, NP11 7PX Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A11SE (W)	957	-	321244 191553
266	Contemporary Trade Directory Entries Name: Brunel Steel Services Ltd Location: Unit 3, North Blackvein Industrial Estate, Cross Keys, Newport, NP11 7PX Classification: Cladding Suppliers & Installers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (W)	957	-	321244 191553
267	Contemporary Trade Directory Entries Name: Risca Day Hospital Location: St. Mary Street, Risca, Newport, Gwent, NP11 6YS Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	962	-	323424 191293
268	Contemporary Trade Directory Entries Name: Cross Keys Pallet Services Location: North Blackvein Ind Est, Cross Keys, Newport, Gwent, NP11 7YD Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A11SE (W)	984	-	321213 191594
269	Fuel Station Entries Name: Risca Garage Location: 89, Cromwell Road, Risca, Newport, Caerphilly, NP11 7AD Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A14SE (E)	826	-	323308 191466
270	Points of Interest - Commercial Services Name: Anacomp Ltd Location: M G I Building, Newtown Industrial Estate, Cross Keys, Newport, NP11 7PZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (SW)	215	7	322132 191429
271	Points of Interest - Commercial Services Name: G Summerill Location: Unit 7, Newtown Industrial Estate, Crosskeys, NP11 7PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	324	7	322074 191334
271	Points of Interest - Commercial Services Name: N A G Recycling Scrap Merchants Location: Riverside Unit 8, Newtown Industrial Estate, Cross Keys, Newport, NP11 7PZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SW (SW)	339	7	322043 191343
272	Points of Interest - Commercial Services Name: City Pest & Vermin Control Location: 18 Tredegar Terrace, Cross Keys, Newport, NP11 7PR Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12SE (W)	387	7	321857 191471
273	Points of Interest - Commercial Services Name: 1st-A-One Logistics Ltd Location: 30 Park Street, Cross Keys, Newport, NP11 7DF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	515	7	322004 192211
273	Points of Interest - Commercial Services Name: Chrissy Boy Haulage Location: 5 Fields Park Terrace, Cross Keys, Newport, NP11 7DA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NE (NW)	593	7	321961 192275

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	Points of Interest - Commercial Services Name: G F Williams Location: 85 Cromwell Road, Risca, Newport, NP11 7AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	738	7	323220 191466
275	Points of Interest - Commercial Services Name: Risca Garage Location: Brookside Garage, Cromwell Road, Risca, NP11 7AD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
275	Points of Interest - Commercial Services Name: Williams G F & Sons Location: 89 Cromwell Rd, Risca, Newport, Gwent, NP11 7AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
275	Points of Interest - Commercial Services Name: G F Williams & Sons Location: Brookside Garage, Cromwell Road, Risca, NP11 7AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
275	Points of Interest - Commercial Services Name: G S Williams Location: Brookside Garage, Cromwell Road, Risca, NP11 7AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
275	Points of Interest - Commercial Services Name: Car Wash Location: 89 Cromwell Road, Risca, Newport, NP11 7AD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323309 191467
276	Points of Interest - Commercial Services Name: Capital Coated Steel Ltd Location: Unit 3, North Blackvein Industrial Estate, Cross Keys, Newport, NP11 7PX Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A11SE (W)	957	7	321244 191553
276	Points of Interest - Commercial Services Name: Macward Precision Slitting Location: Unit 3, North Blackvein Industrial Estate, Wattsville, NP11 7PX Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A11SE (W)	957	7	321244 191553
277	Points of Interest - Manufacturing and Production Name: Newtown Industrial Estate Location: NP11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	215	7	322026 191527
277	Points of Interest - Manufacturing and Production Name: M C I Business Centre Location: NP11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	227	7	322076 191467
278	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	421	7	322392 192187
278	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SE (N)	429	7	322421 192187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
279	Points of Interest - Manufacturing and Production Name: South Blackvein Industrial Estate Location: NP11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	578	7	321618 191629
279	Points of Interest - Manufacturing and Production Name: Newtown Industrial Estate Location: NP11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	584	7	321620 191554
279	Points of Interest - Manufacturing and Production Name: South Blackvein Industrial Estate Location: NP11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	587	7	321609 191617
280	Points of Interest - Manufacturing and Production Name: Cox's Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12NW (NW)	636	7	321612 191916
280	Points of Interest - Manufacturing and Production Name: Cox's Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A17SW (NW)	683	7	321570 191935
281	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	679	7	321749 192196
281	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	679	7	321749 192195
282	Points of Interest - Manufacturing and Production Name: Tank Location: NP11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	776	7	322384 192550
283	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	936	7	322349 192714
283	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: NP11 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A23SE (N)	936	7	322367 192712
284	Points of Interest - Manufacturing and Production Name: North Blackvein Industrial Estate Location: NP11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	978	7	321217 191637
285	Points of Interest - Public Infrastructure Name: Bus Depot Location: NP11 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	0	7	322452 191614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
286	Points of Interest - Public Infrastructure Name: Outfall Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	161	7	322610 191352
286	Points of Interest - Public Infrastructure Name: Outfall Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	165	7	322616 191353
286	Points of Interest - Public Infrastructure Name: Outfall Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	216	7	322672 191352
287	Points of Interest - Public Infrastructure Name: Crosskeys Station Location: Carlton Terrace, NP11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18SW (NW)	230	7	322136 191953
287	Points of Interest - Public Infrastructure Name: Crosskeys Rail Station Location: Carlton Terrace, NP11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18SW (NW)	230	7	322136 191953
288	Points of Interest - Public Infrastructure Name: Outfall Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	302	7	322127 191292
288	Points of Interest - Public Infrastructure Name: Outfall Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	309	7	322120 191290
289	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: NP11 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	423	7	322207 191050
289	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: NP11 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	426	7	322197 191052
290	Points of Interest - Public Infrastructure Name: Cemetery Location: NP11 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	443	7	322932 191538
290	Points of Interest - Public Infrastructure Name: Cemetery Location: NP11 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	536	7	323022 191512
290	Points of Interest - Public Infrastructure Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	544	7	323030 191513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
291	Points of Interest - Public Infrastructure Name: Risca Fire Station Location: Risca Fire Station, New Park Road, Risca, Newport, NP11 7AE Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A14SE (E)	590	7	323061 191390
292	Points of Interest - Public Infrastructure Name: Burial Ground Location: NP11 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	625	7	323105 191766
292	Points of Interest - Public Infrastructure Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	635	7	323115 191767
293	Points of Interest - Public Infrastructure Name: Esso Location: 89 Cromwell Road, Risca, Newport, NP11 7AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
293	Points of Interest - Public Infrastructure Name: Texaco Location: Brookside Garage, Cromwell Road, Risca, NP11 7AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
293	Points of Interest - Public Infrastructure Name: Risca Garages Ltd Location: 89, Cromwell Road, Risca, Newport, Gwent, NP11 7A Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323308 191466
293	Points of Interest - Public Infrastructure Name: Risca Garage Location: 89 Cromwell Road, Risca, Newport, NP11 7AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	826	7	323309 191467
294	Points of Interest - Public Infrastructure Name: Waste Transfer Station Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	949	7	321292 191368
294	Points of Interest - Public Infrastructure Name: Waste Transfer Station Location: NP11 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	969	7	321272 191366
295	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Waunfawr Park Road, NP11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SW (S)	78	7	322318 191409
295	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	80	7	322316 191408
296	Points of Interest - Recreational and Environmental Name: Play Area Location: NP11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	139	7	322072 191594

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
297	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A12SE (SW)	372	7	321941 191389
298	<p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p>	A18SW (NW)	510	7	322048 192230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
299	Ancient Woodland Name: Not Supplied Reference: 18249 Area(m ²): 4846.2 Type: Ancient and Semi-Natural Woodland	A13SW (SW)	37	2	322289 191472
300	Ancient Woodland Name: Not Supplied Reference: 41914 Area(m ²): 212011.87 Type: Plantation on Ancient Woodland	A13NE (N)	58	2	322365 191805
301	Ancient Woodland Name: Not Supplied Reference: 18252 Area(m ²): 13289.93 Type: Ancient and Semi-Natural Woodland	A13NE (N)	67	2	322367 191805
302	Ancient Woodland Name: Not Supplied Reference: 12250 Area(m ²): 25390.25 Type: Ancient and Semi-Natural Woodland	A13SW (S)	151	2	322320 191288
303	Ancient Woodland Name: Not Supplied Reference: 16045 Area(m ²): 44252.4 Type: Ancient and Semi-Natural Woodland	A8NW (S)	210	2	322323 191230
304	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 31880.51 Type: Ancient and Semi-Natural Woodland	A8NE (S)	215	2	322385 191203
305	Ancient Woodland Name: Not Supplied Reference: 39585 Area(m ²): 2445.77 Type: Plantation on Ancient Woodland	A8NE (SE)	255	2	322579 191200
306	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 3744.57 Type: Ancient and Semi-Natural Woodland	A8NE (SE)	283	2	322642 191208
307	Ancient Woodland Name: Not Supplied Reference: 41475 Area(m ²): 42331.45 Type: Plantation on Ancient Woodland	A8NW (SW)	285	2	322185 191240
308	Ancient Woodland Name: Not Supplied Reference: 39585 Area(m ²): 317132.96 Type: Plantation on Ancient Woodland	A8NE (SE)	292	2	322649 191203
309	Ancient Woodland Name: Not Supplied Reference: 41908 Area(m ²): 8166.6 Type: Plantation on Ancient Woodland	A14SW (SE)	338	2	322762 191260
310	Ancient Woodland Name: Not Supplied Reference: 23027 Area(m ²): 25435.21 Type: Restored Ancient Woodland Site	A12NE (W)	356	2	321851 191754
311	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 12113.82 Type: Ancient and Semi-Natural Woodland	A8NW (SW)	357	2	322107 191220
312	Ancient Woodland Name: Not Supplied Reference: 41475 Area(m ²): 3375.05 Type: Plantation on Ancient Woodland	A8NW (S)	410	2	322282 191031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
313	Ancient Woodland Name: Not Supplied Reference: 42984 Area(m ²): 366478.79 Type: Plantation on Ancient Woodland	A12NE (W)	418	2	321786 191746
314	Ancient Woodland Name: Not Supplied Reference: 39585 Area(m ²): 272830.81 Type: Plantation on Ancient Woodland	A8NW (SW)	426	2	322010 191244
315	Ancient Woodland Name: Not Supplied Reference: 40815 Area(m ²): 2241.91 Type: Plantation on Ancient Woodland	A9NW (SE)	463	2	322837 191149
316	Ancient Woodland Name: Not Supplied Reference: 48366 Area(m ²): 533.81 Type: Ancient Woodland Site of Unknown Category	A8NW (SW)	483	2	322101 191048
317	Ancient Woodland Name: Not Supplied Reference: 47761 Area(m ²): 208.37 Type: Ancient Woodland Site of Unknown Category	A8NW (SW)	505	2	322094 191026
318	Ancient Woodland Name: Not Supplied Reference: 48366 Area(m ²): 145.79 Type: Plantation on Ancient Woodland	A8NW (S)	511	2	322123 190998
319	Ancient Woodland Name: Not Supplied Reference: 47761 Area(m ²): 24311.95 Type: Restored Ancient Woodland Site	A8NW (SW)	515	2	322017 191077
320	Ancient Woodland Name: Not Supplied Reference: 18247 Area(m ²): 1594.9 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	518	2	322931 191195
321	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 11608.99 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	519	2	322931 191191
322	Ancient Woodland Name: Not Supplied Reference: 40117 Area(m ²): 99115.54 Type: Plantation on Ancient Woodland	A18NE (N)	528	2	322449 192282
323	Ancient Woodland Name: Not Supplied Reference: 18248 Area(m ²): 2959.58 Type: Ancient and Semi-Natural Woodland	A14SW (SE)	531	2	322986 191299
324	Ancient Woodland Name: Not Supplied Reference: 48839 Area(m ²): 95367.47 Type: Restored Ancient Woodland Site	A12NE (W)	535	2	321691 191840
325	Ancient Woodland Name: Not Supplied Reference: 47761 Area(m ²): 26582.18 Type: Restored Ancient Woodland Site	A8SW (S)	566	2	322284 190867
326	Ancient Woodland Name: Not Supplied Reference: 23027 Area(m ²): 26519.6 Type: Restored Ancient Woodland Site	A17SE (NW)	570	2	321863 192161

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 38954.36 Type: Ancient and Semi-Natural Woodland	A8NW (SW)	587	2	322071 190938
328	Ancient Woodland Name: Not Supplied Reference: 50461 Area(m ²): 11700.84 Type: Ancient Woodland Site of Unknown Category	A9NW (SE)	589	2	322950 191088
329	Ancient Woodland Name: Not Supplied Reference: 41912 Area(m ²): 2864.55 Type: Plantation on Ancient Woodland	A19SW (NE)	601	2	322948 192021
330	Ancient Woodland Name: Not Supplied Reference: 41910 Area(m ²): 15283.83 Type: Plantation on Ancient Woodland	A19SW (NE)	616	2	322992 191989
331	Ancient Woodland Name: Not Supplied Reference: 41285 Area(m ²): 12247.12 Type: Plantation on Ancient Woodland	A12NW (W)	637	2	321560 191716
332	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 11389 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	654	2	322872 190917
333	Ancient Woodland Name: Not Supplied Reference: 18246 Area(m ²): 2998.46 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	658	2	323072 191162
334	Ancient Woodland Name: Not Supplied Reference: 41913 Area(m ²): 7072.64 Type: Plantation on Ancient Woodland	A18NE (N)	659	2	322543 192387
335	Ancient Woodland Name: Not Supplied Reference: 50462 Area(m ²): 5047.03 Type: Ancient Woodland Site of Unknown Category	A8SW (S)	685	2	322197 190769
336	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 2471.86 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	690	2	321701 191179
337	Ancient Woodland Name: Not Supplied Reference: 18251 Area(m ²): 13727.71 Type: Ancient and Semi-Natural Woodland	A14NE (E)	698	2	323193 191679
338	Ancient Woodland Name: Not Supplied Reference: 14836 Area(m ²): 3523.25 Type: Ancient and Semi-Natural Woodland	A12SW (W)	699	2	321505 191547
339	Ancient Woodland Name: Not Supplied Reference: 50463 Area(m ²): 1180.62 Type: Restored Ancient Woodland Site	A8SW (S)	709	2	322334 190710
340	Ancient Woodland Name: Not Supplied Reference: 50463 Area(m ²): 4343.28 Type: Ancient Woodland Site of Unknown Category	A8SE (S)	711	2	322369 190701

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
341	Ancient Woodland Name: Not Supplied Reference: 14833 Area(m ²): 6719.19 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	720	2	321675 191160
342	Ancient Woodland Name: Not Supplied Reference: 14835 Area(m ²): 2907.29 Type: Ancient and Semi-Natural Woodland	A12SW (W)	720	2	321490 191513
343	Ancient Woodland Name: Not Supplied Reference: 39602 Area(m ²): 4362.7 Type: Plantation on Ancient Woodland	A19SE (NE)	720	2	323024 192114
344	Ancient Woodland Name: Not Supplied Reference: 41284 Area(m ²): 3873.43 Type: Plantation on Ancient Woodland	A7NE (SW)	721	2	321719 191110
345	Ancient Woodland Name: Not Supplied Reference: 18245 Area(m ²): 5807.71 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	747	2	323141 191101
346	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 781.42 Type: Ancient and Semi-Natural Woodland	A8SE (S)	749	2	322597 190680
347	Ancient Woodland Name: Not Supplied Reference: 47761 Area(m ²): 371.05 Type: Ancient Woodland Site of Unknown Category	A8SW (S)	752	2	322263 190680
348	Ancient Woodland Name: Not Supplied Reference: 18244 Area(m ²): 2421.25 Type: Ancient and Semi-Natural Woodland	A9SE (SE)	768	2	323030 190906
349	Ancient Woodland Name: Not Supplied Reference: 41907 Area(m ²): 1044.52 Type: Plantation on Ancient Woodland	A9SW (SE)	770	2	322994 190868
350	Ancient Woodland Name: Not Supplied Reference: 15438 Area(m ²): 3026.37 Type: Ancient and Semi-Natural Woodland	A17NE (NW)	783	2	321953 192488
351	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 3389.18 Type: Ancient and Semi-Natural Woodland	A9SE (SE)	807	2	323092 190916
352	Ancient Woodland Name: Not Supplied Reference: 18253 Area(m ²): 19745.8 Type: Ancient and Semi-Natural Woodland	A18NW (N)	808	2	322299 192588
353	Ancient Woodland Name: Not Supplied Reference: 41284 Area(m ²): 2167.78 Type: Plantation on Ancient Woodland	A7NW (SW)	816	2	321538 191176
354	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 29442.13 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	852	2	322933 190718

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
355	Ancient Woodland Name: Not Supplied Reference: 41911 Area(m ²): 1200.2 Type: Plantation on Ancient Woodland	A19SE (NE)	919	2	323299 192070
356	Ancient Woodland Name: Not Supplied Reference: 7945 Area(m ²): 3829.09 Type: Ancient and Semi-Natural Woodland	A7NW (SW)	960	2	321369 191171
357	Ancient Woodland Name: Not Supplied Reference: 18250 Area(m ²): 6040.34 Type: Ancient and Semi-Natural Woodland	A15NW (E)	970	2	323455 191773
358	Ancient Woodland Name: Not Supplied Reference: 41909 Area(m ²): 5276.44 Type: Plantation on Ancient Woodland	A15NW (E)	971	2	323468 191629
359	Ancient Woodland Name: Not Supplied Reference: 12249 Area(m ²): 3419.98 Type: Ancient and Semi-Natural Woodland	A15SW (E)	989	2	323469 191444
360	Ancient Woodland Name: Not Supplied Reference: 41915 Area(m ²): 9517.85 Type: Plantation on Ancient Woodland	A23SE (N)	1000	2	322447 192766

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Newport City Council - Public Protection and Environmental Services Natural Resources Wales Torfaen County Borough Council - Department for the Environmental Caerphilly County Borough Council - Environmental Health Department	January 2015 November 2023 October 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 February 2024	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Natural Resources Wales Environment Agency - Welsh Region	December 2023 January 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Torfaen County Borough Council - Department for the Environmental Newport City Council - Public Protection and Environmental Services Caerphilly County Borough Council - Environmental Health Department	December 2015 December 2020 September 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Newport City Council - Public Protection and Environmental Services Torfaen County Borough Council - Department for the Environmental Caerphilly County Borough Council - Environmental Health Department	December 2020 November 2015 September 2014	Annual Rolling Update Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements Torfaen County Borough Council - Department for the Environmental Newport City Council - Public Protection and Environmental Services Caerphilly County Borough Council - Environmental Health Department	December 2015 June 2014 September 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2024	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Natural Resources Wales Environment Agency Wales - South East Area	February 2024 January 2021	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	April 2024 February 2024	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Welsh Region Natural Resources Wales	October 2017 October 2022	
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	As notified
Superficial Aquifer Designations Natural Resources Wales	January 2018	As notified
Source Protection Zones Natural Resources Wales	July 2022	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	April 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	March 2023	As notified
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South East Area Natural Resources Wales	January 2023 October 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Natural Resources Wales Environment Agency Wales - South East Area	February 2024 July 2021	Quarterly Quarterly
Local Authority Landfill Coverage Caerphilly County Borough Council - Environmental Health Department Newport City Council Torfaen County Borough Council - Department for the Environmental	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Caerphilly County Borough Council - Environmental Health Department Newport City Council Torfaen County Borough Council - Department for the Environmental	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency Wales - South East Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Caerphilly County Borough Council - Planning Department Torfaen County Borough Council - Planning Department Newport City Council - Planning Department	January 2023 June 2023 October 2015	Variable Variable Variable
Planning Hazardous Substance Consents Torfaen County Borough Council - Planning Department Caerphilly County Borough Council - Planning Department Newport City Council - Planning Department	February 2016 January 2023 October 2015	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2024	Quarterly
Points of Interest - Education and Health PointX	March 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2024	Quarterly
Points of Interest - Public Infrastructure PointX	March 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

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

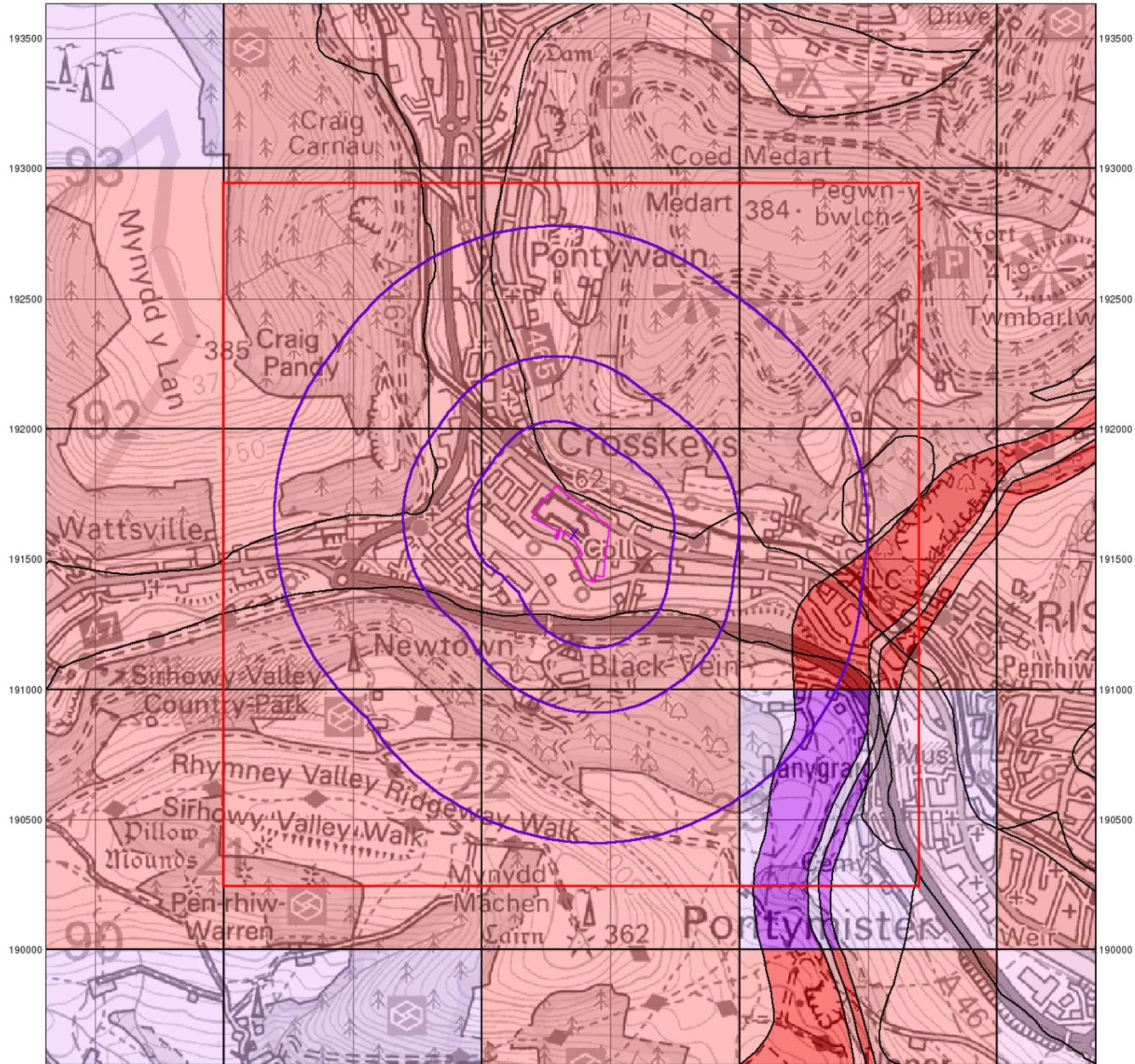
A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Caerphilly County Borough Council - Environmental Health Department Pontllanfraith, Blackwood, NP12 2YW	Telephone: 01443 815588 Fax: 01443 864307 Website: www.caerphilly.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Caerphilly County Borough Council Nelson Road, Tredomen, Ystrad Mynach, CF82 7WF	Telephone: 01443 815588 Fax: 01443 864307 Website: www.caerphilly.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

320500 321000 321500 322000 322500 323000 323500 324000



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0 1 km



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Groundwater Vulnerability

General

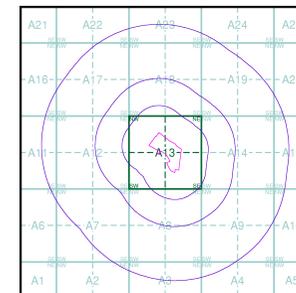
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

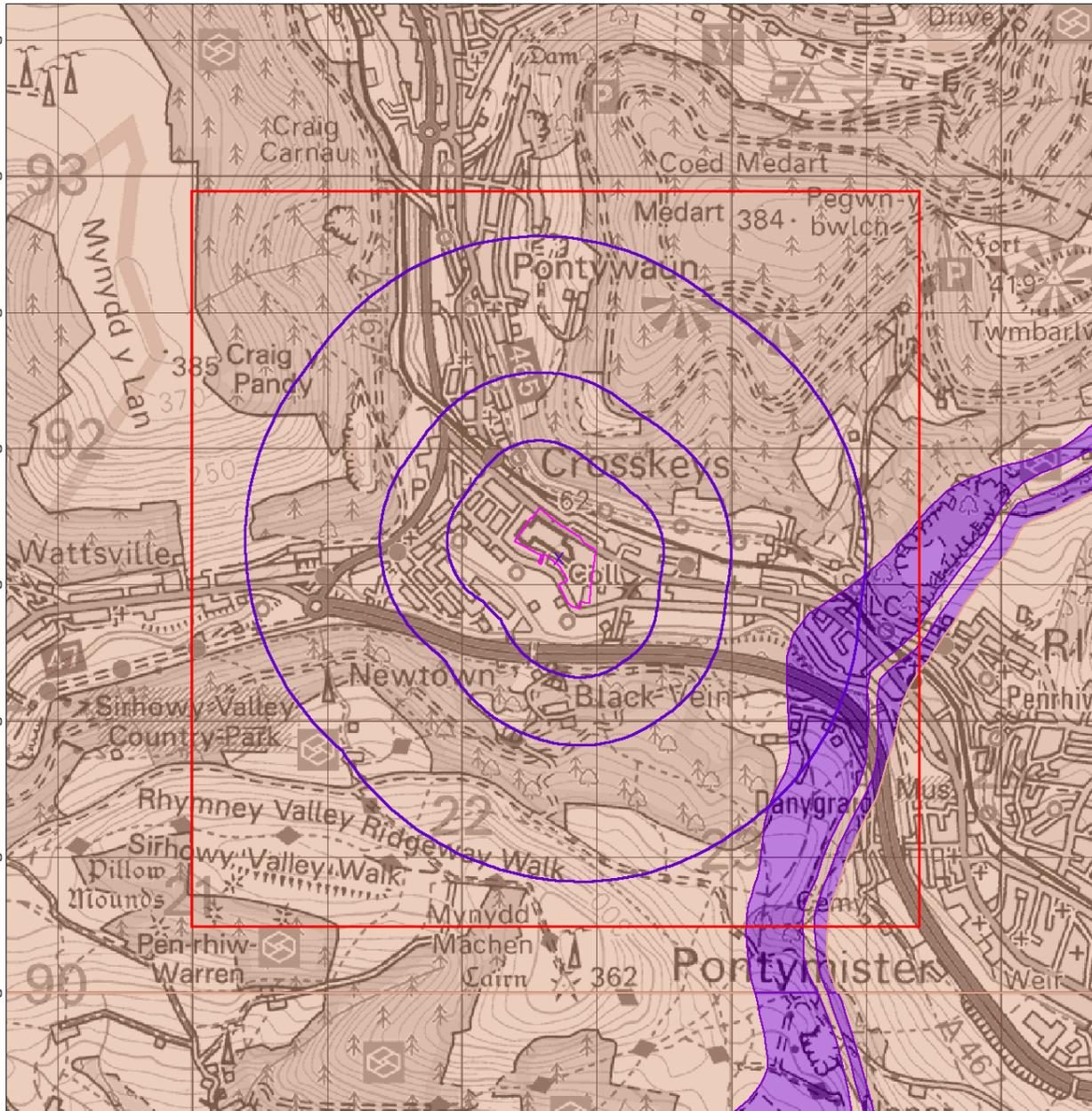
Site at 322370, 191630



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 Fax: 0844 844 9951
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32050 32100 32150 32200 32250 32300 32350 32400

19350
19300
19250
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19150
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19000



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Bedrock Aquifer Designation

General

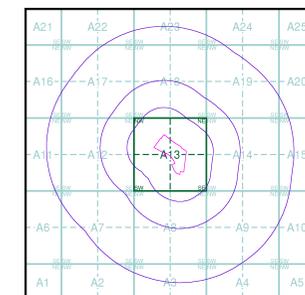
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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



Order Details

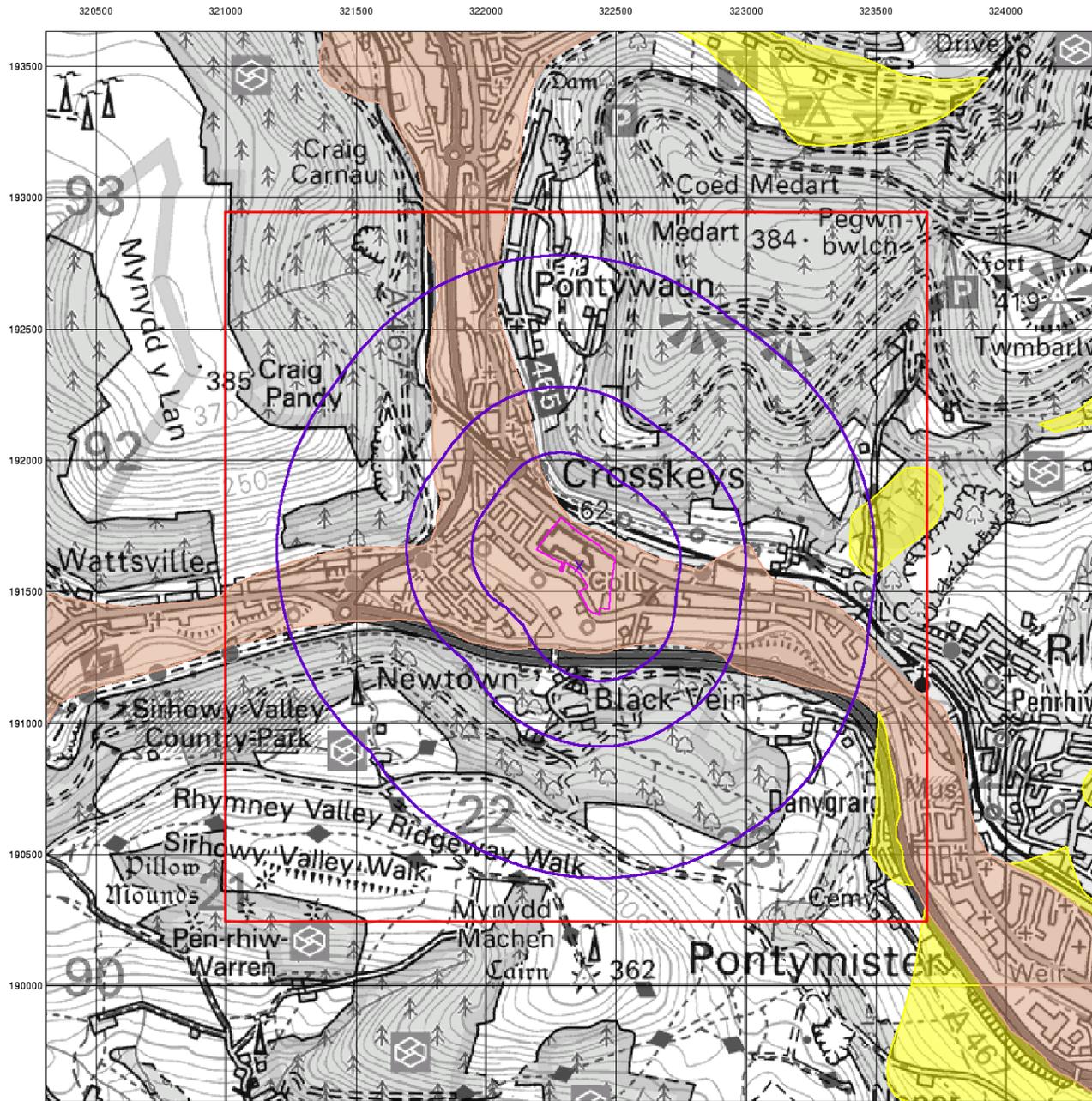
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Site Details

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Superficial Aquifer Designation

General

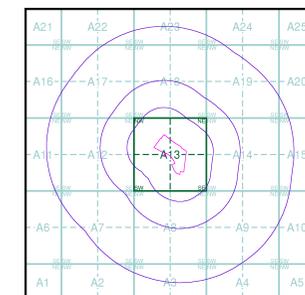
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

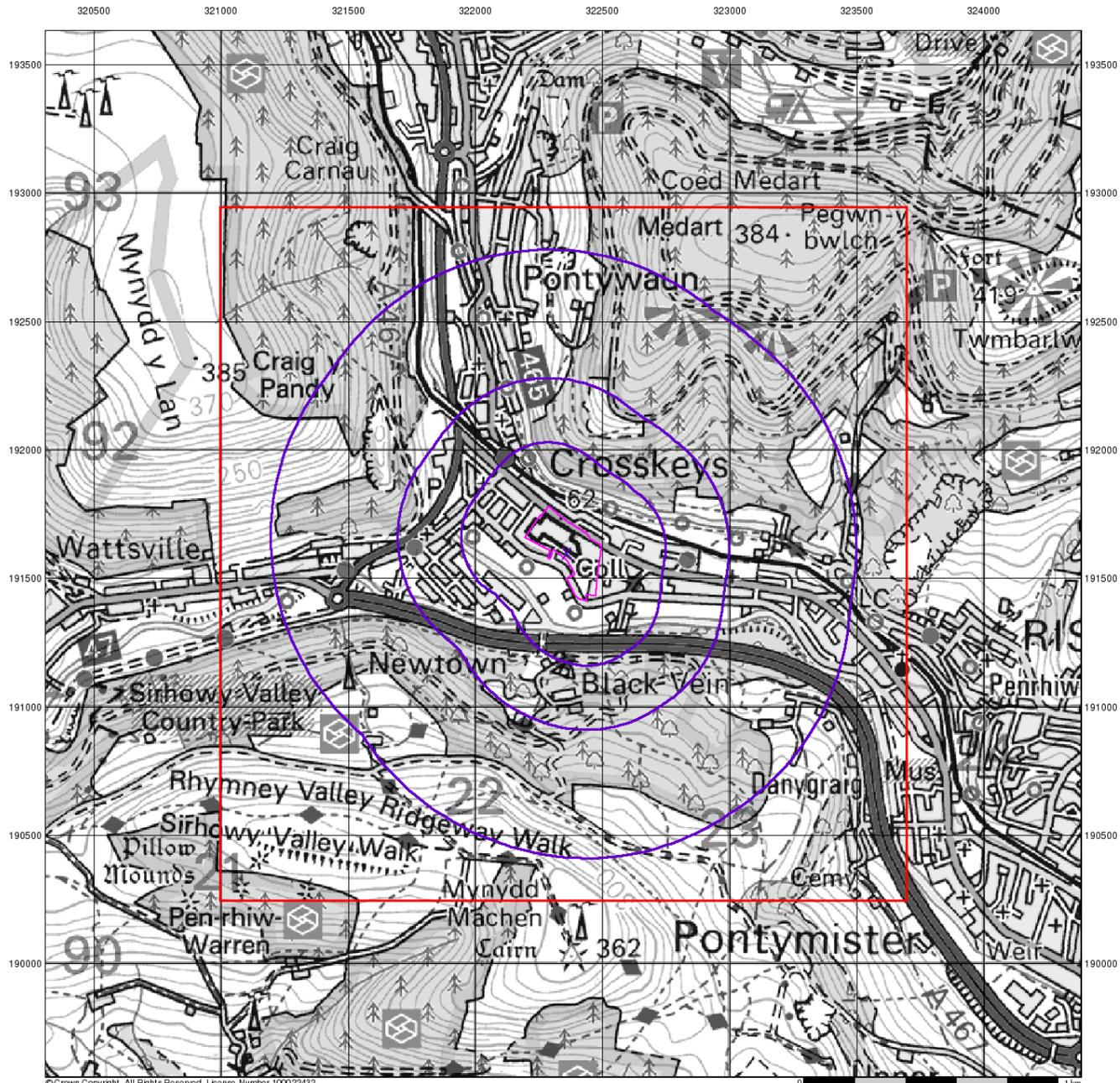
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 Search Buffer (m): 1000

Site Details

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Source Protection Zones

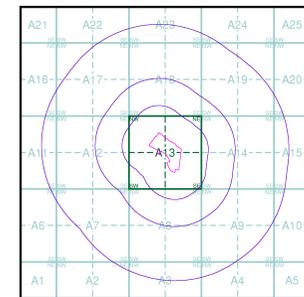
General

- 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

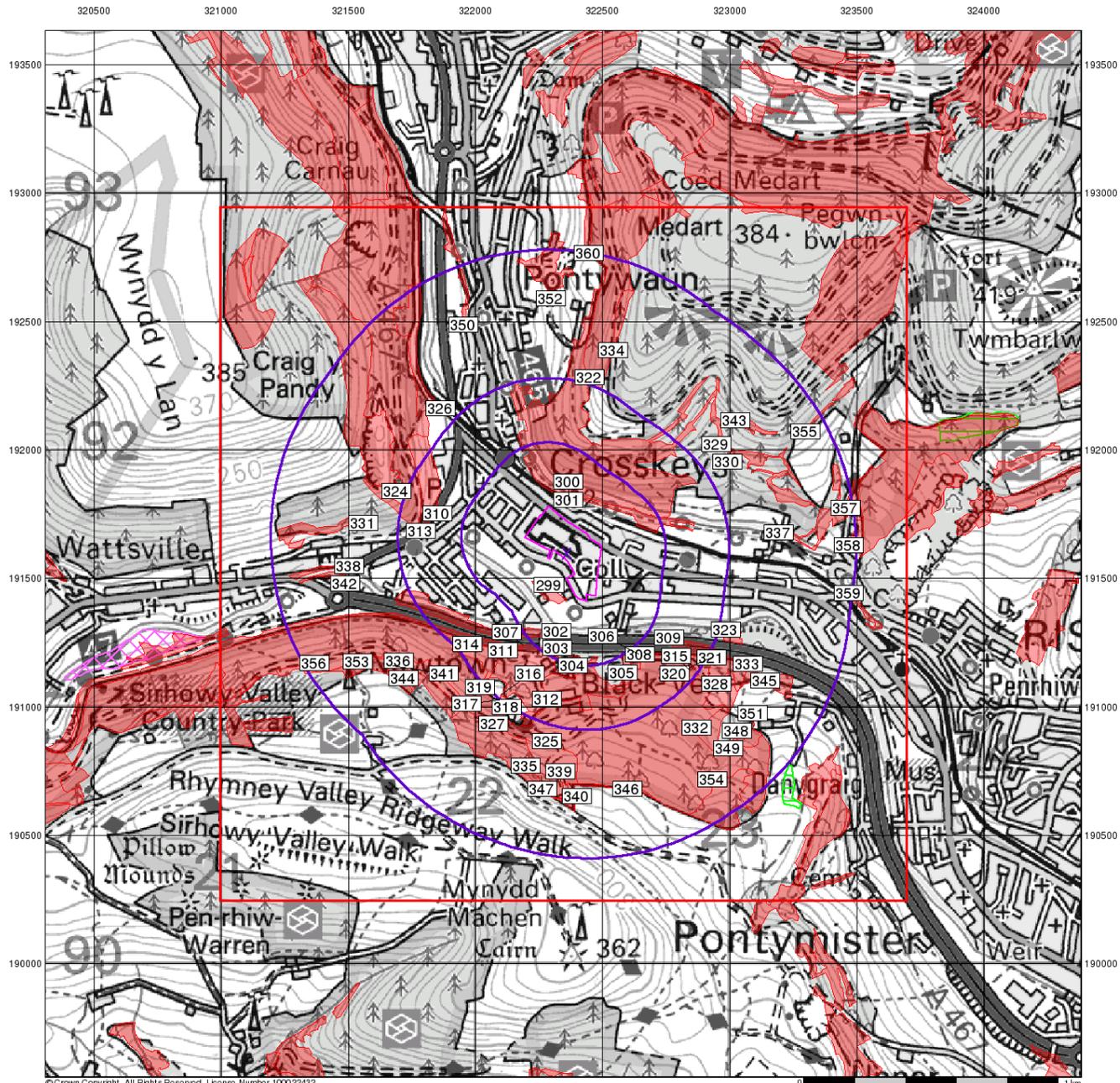
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 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

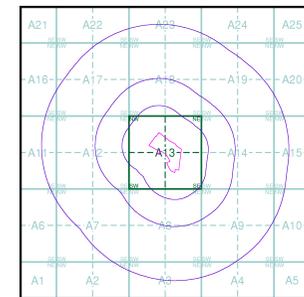
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

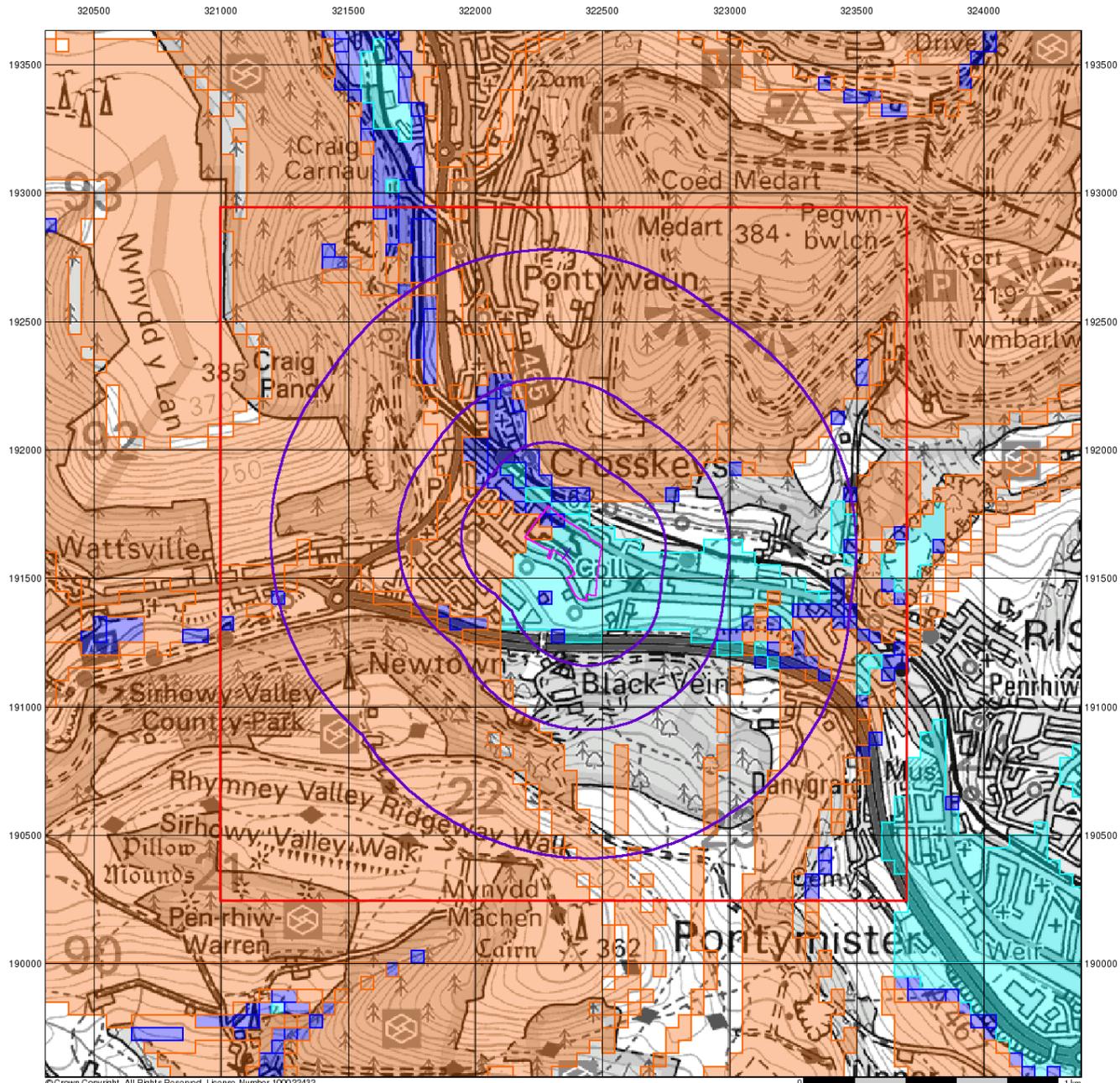
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 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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BGS Flood GFS Data

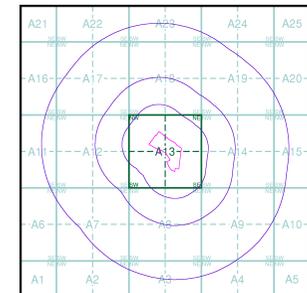
General

- 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: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

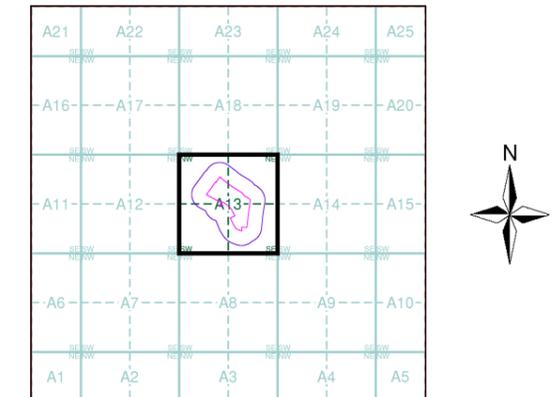
Site at 322370, 191630



Tel: 0844 844 9952
 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
 - Pylon
 - Overhead Transmission Line
- 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
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

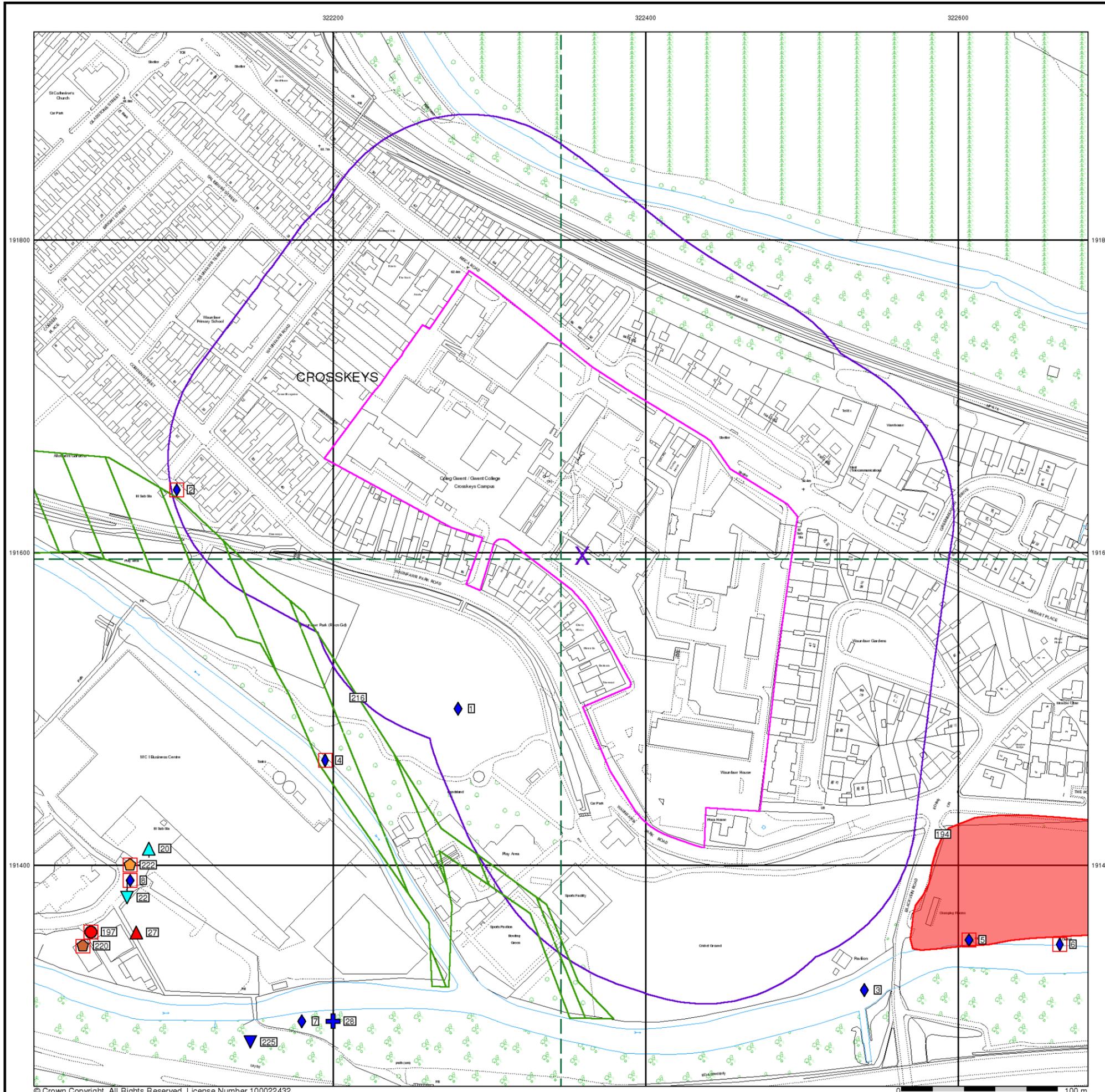


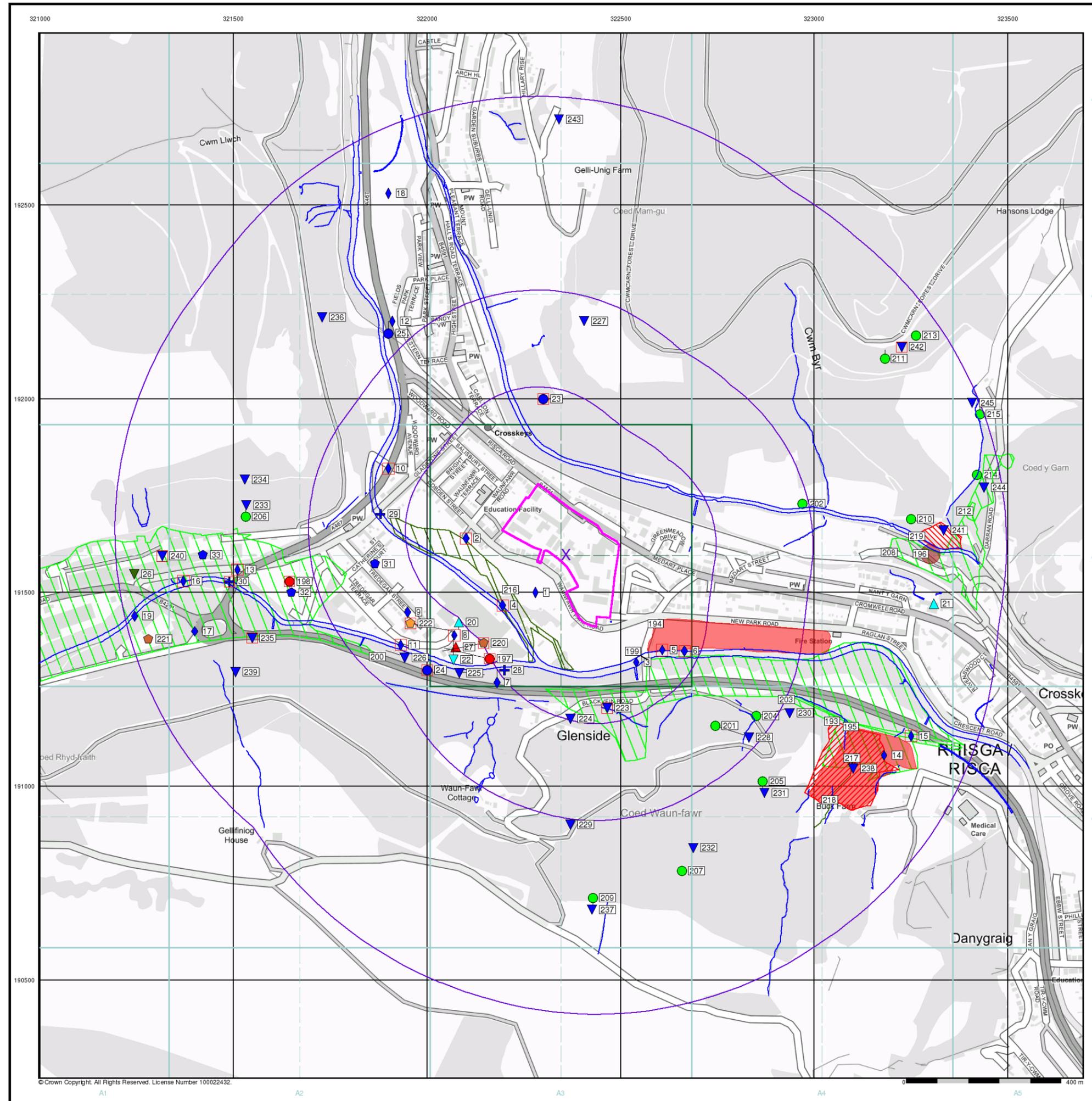
Order Details

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 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Plot Buffer (m): 100

Site Details

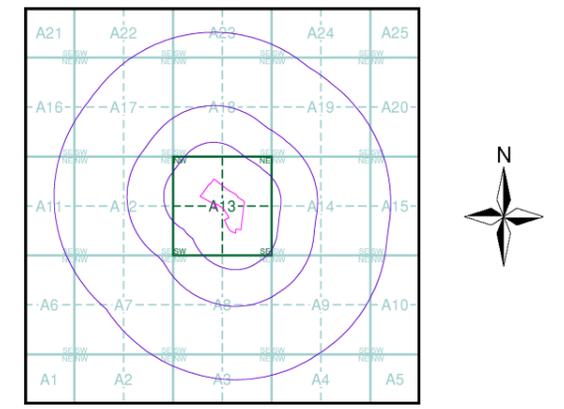
Site at 322370, 191630





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

Site Sensitivity Map - Slice A



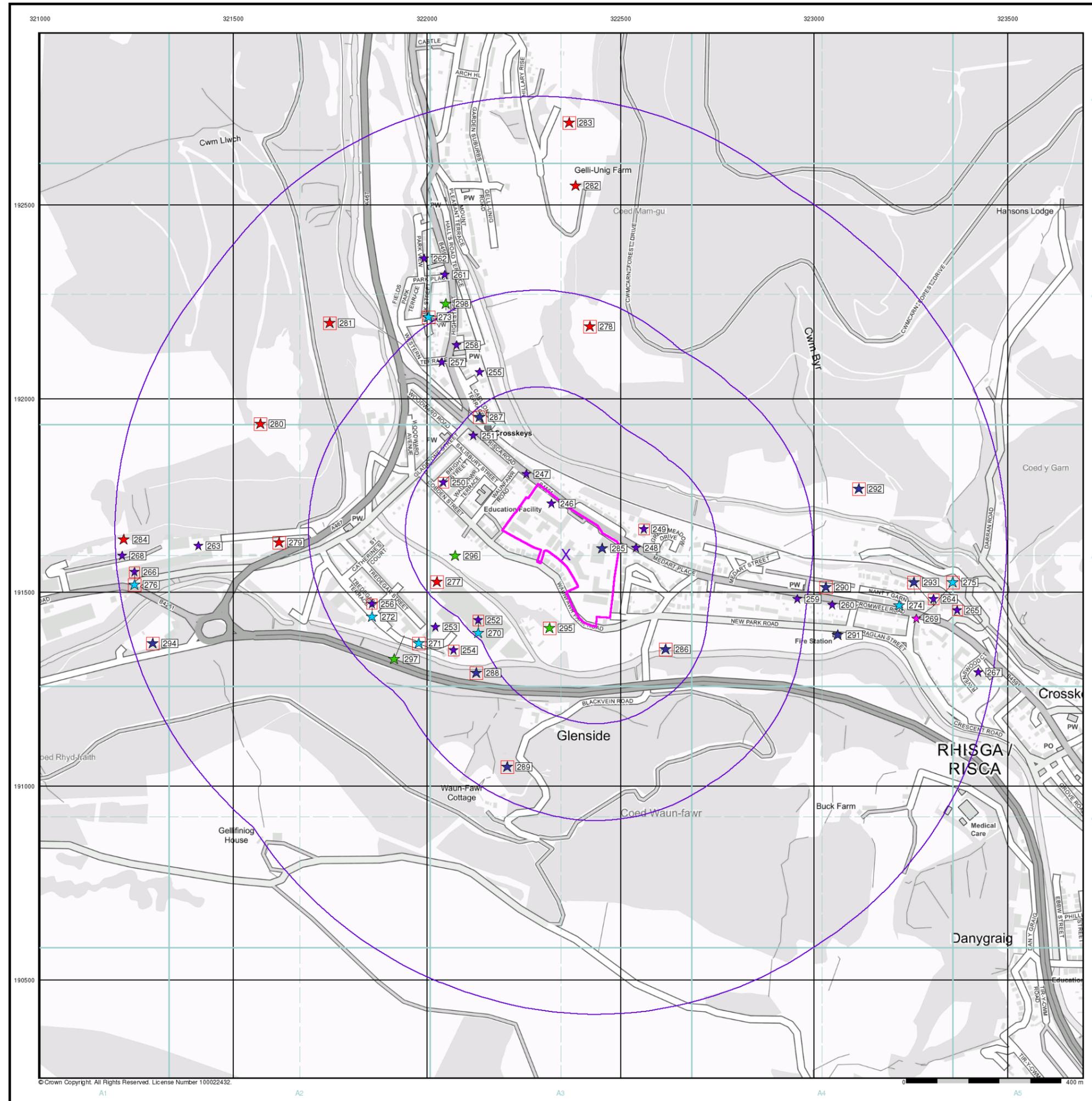
Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details
 Site at 322370, 191630

Landmark
 INFORMATION GROUP

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



Geotechnical & Geoenvironmental Specialists
Industrial Land Use Map

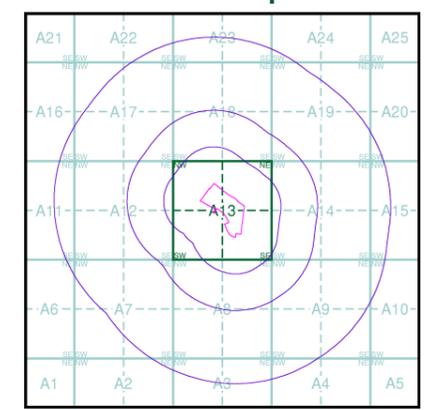
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



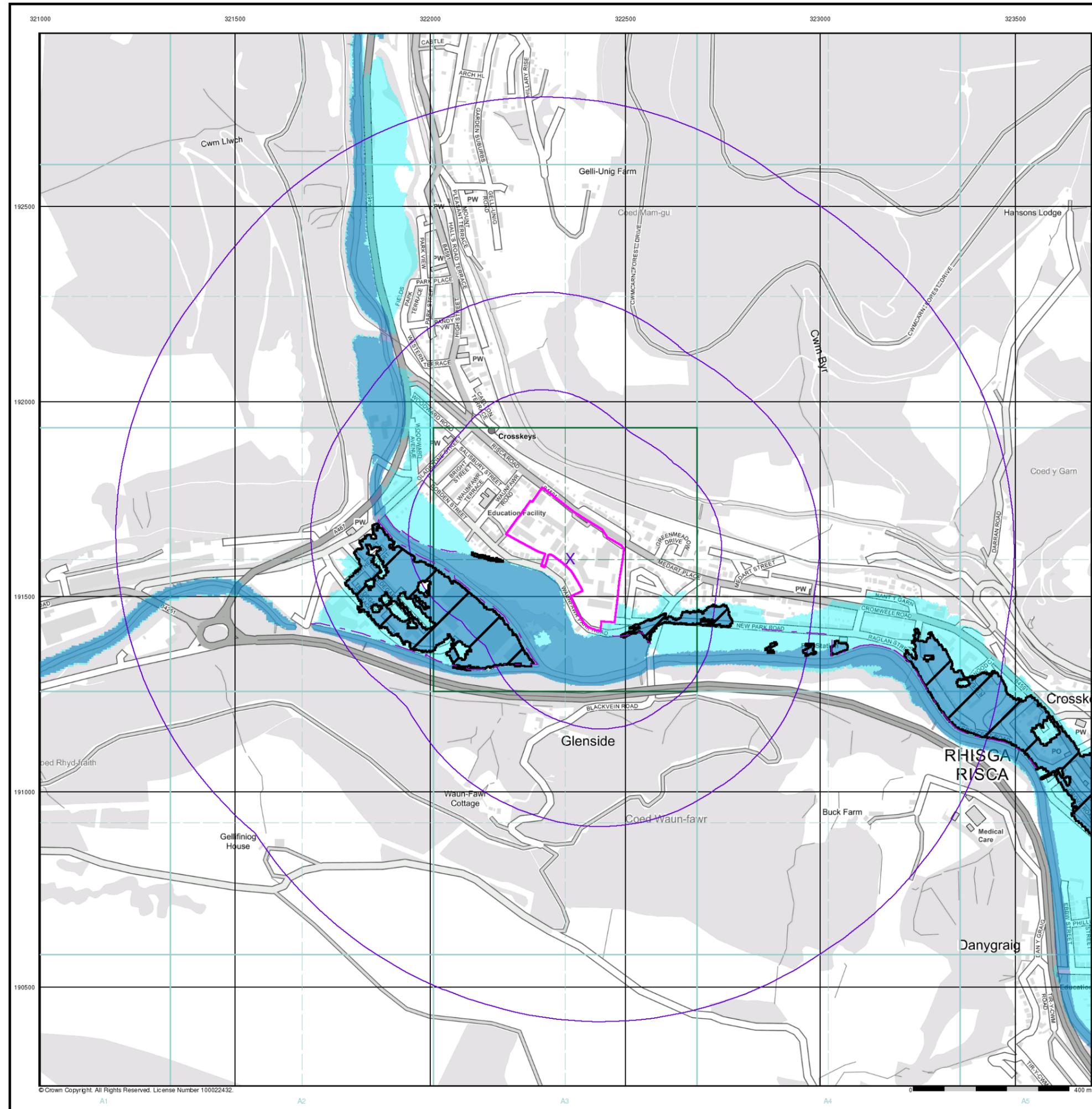
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

General

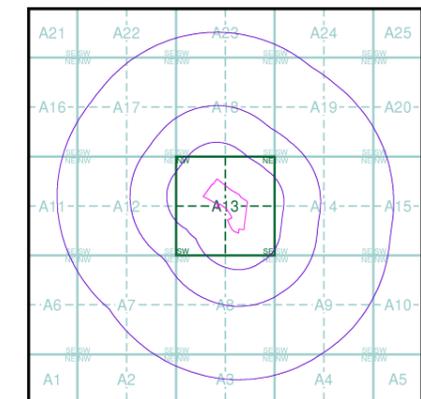
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

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: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630

General

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

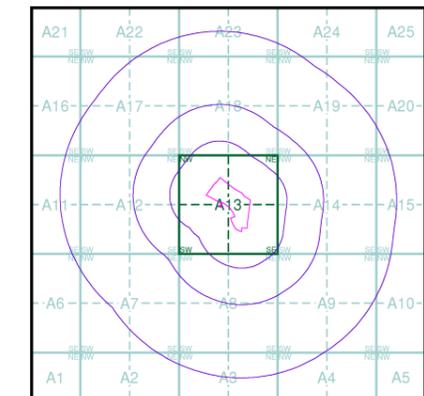
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

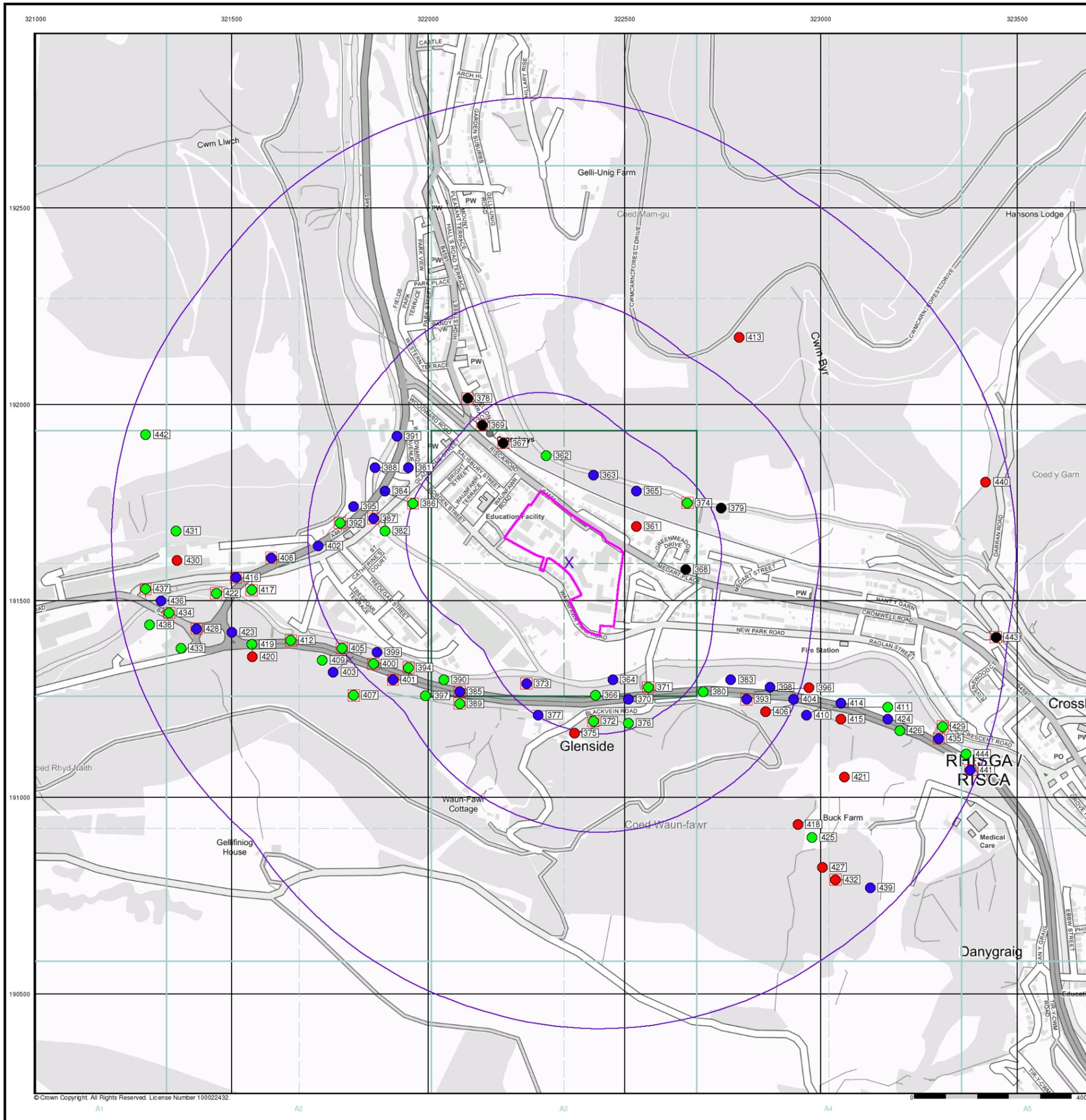


Order Details

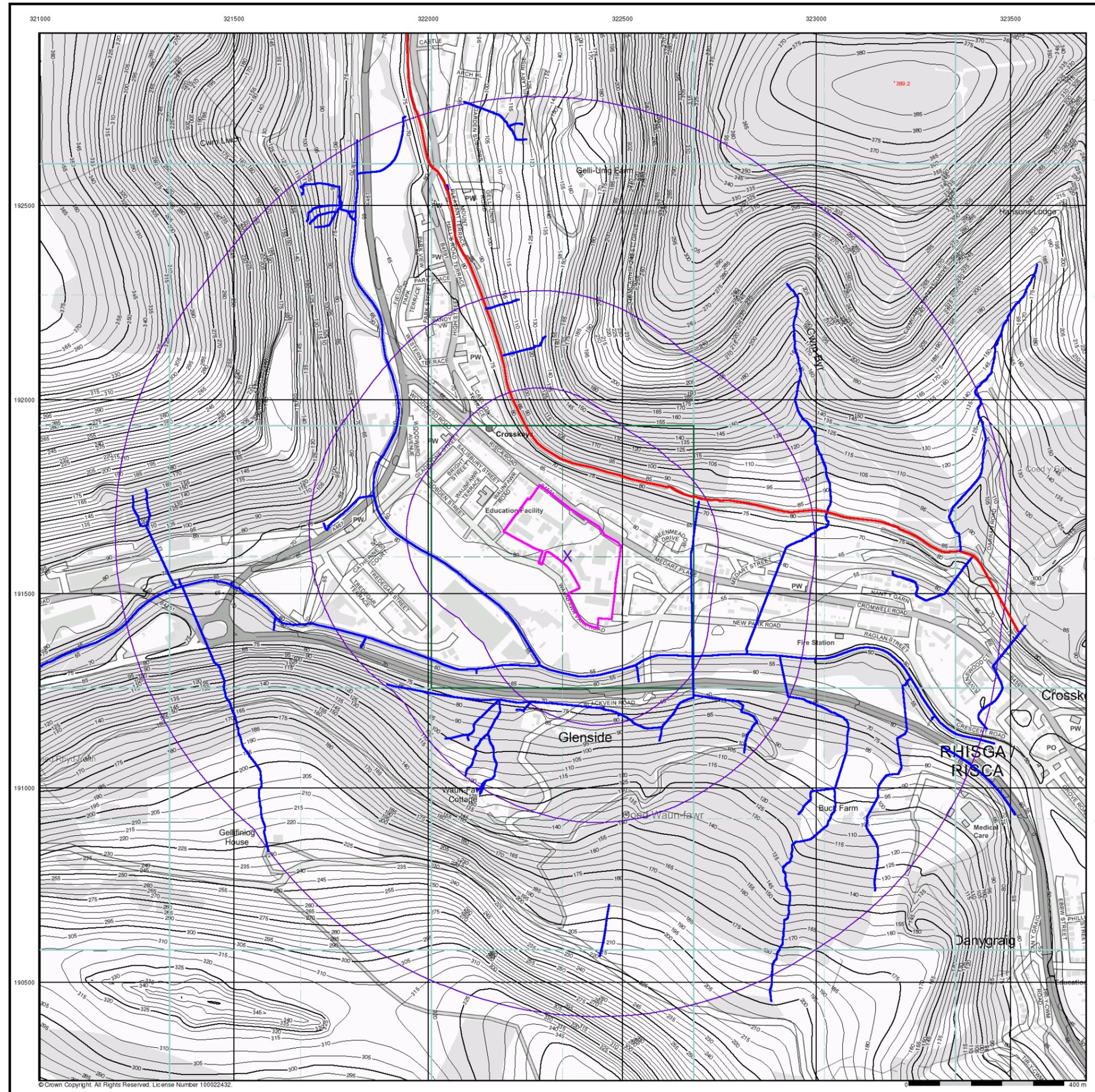
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 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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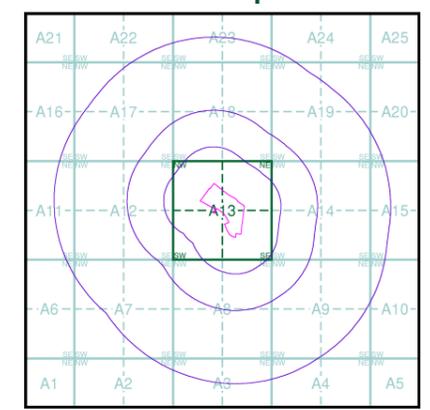


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105 Mean Low Water
- Master Contour 100 Mean High Water
- Spot Height 167.3

OS Water Network Map - Slice A



Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details
 Site at 322370, 191630



Geotechnical & Geoenvironmental Specialists

General

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

Risk of Flooding from Surface Water

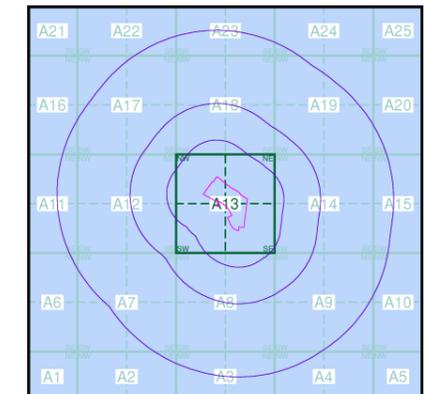
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A



Order Details

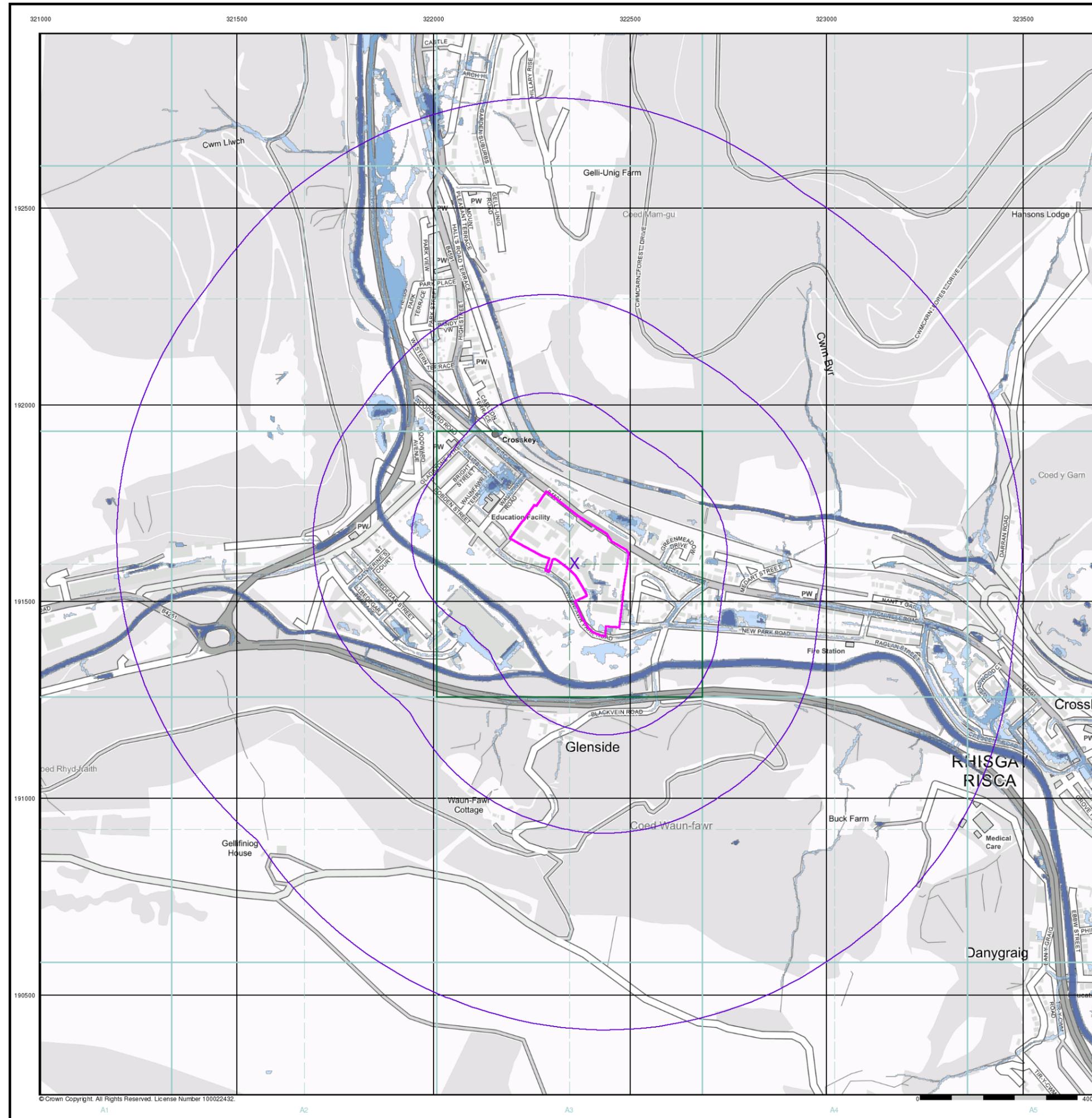
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 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
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Site Details

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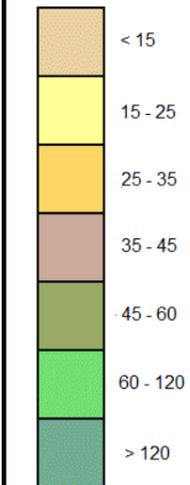
Geotechnical & Geoenvironmental Specialists

General

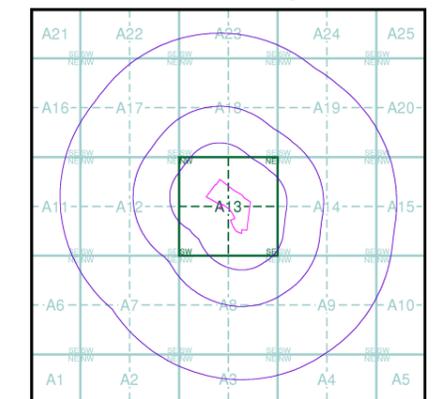
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

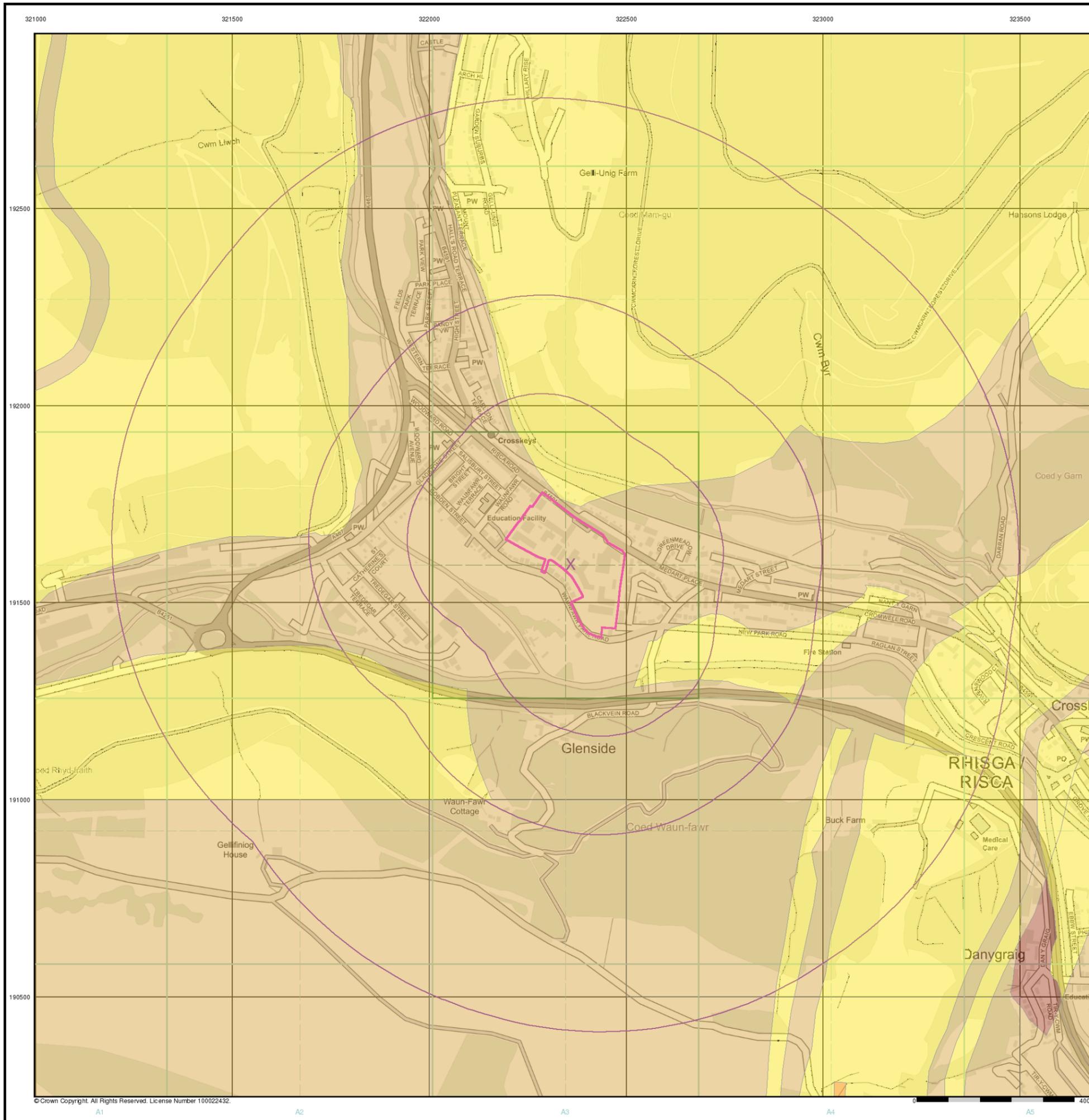
Order Details: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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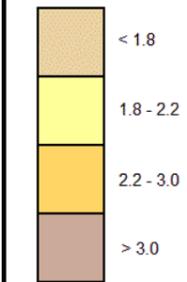
Geotechnical & Geoenvironmental Specialists

General

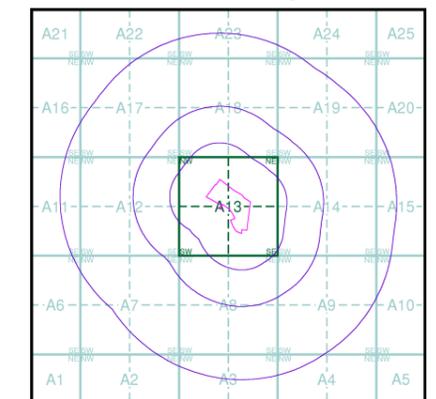
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

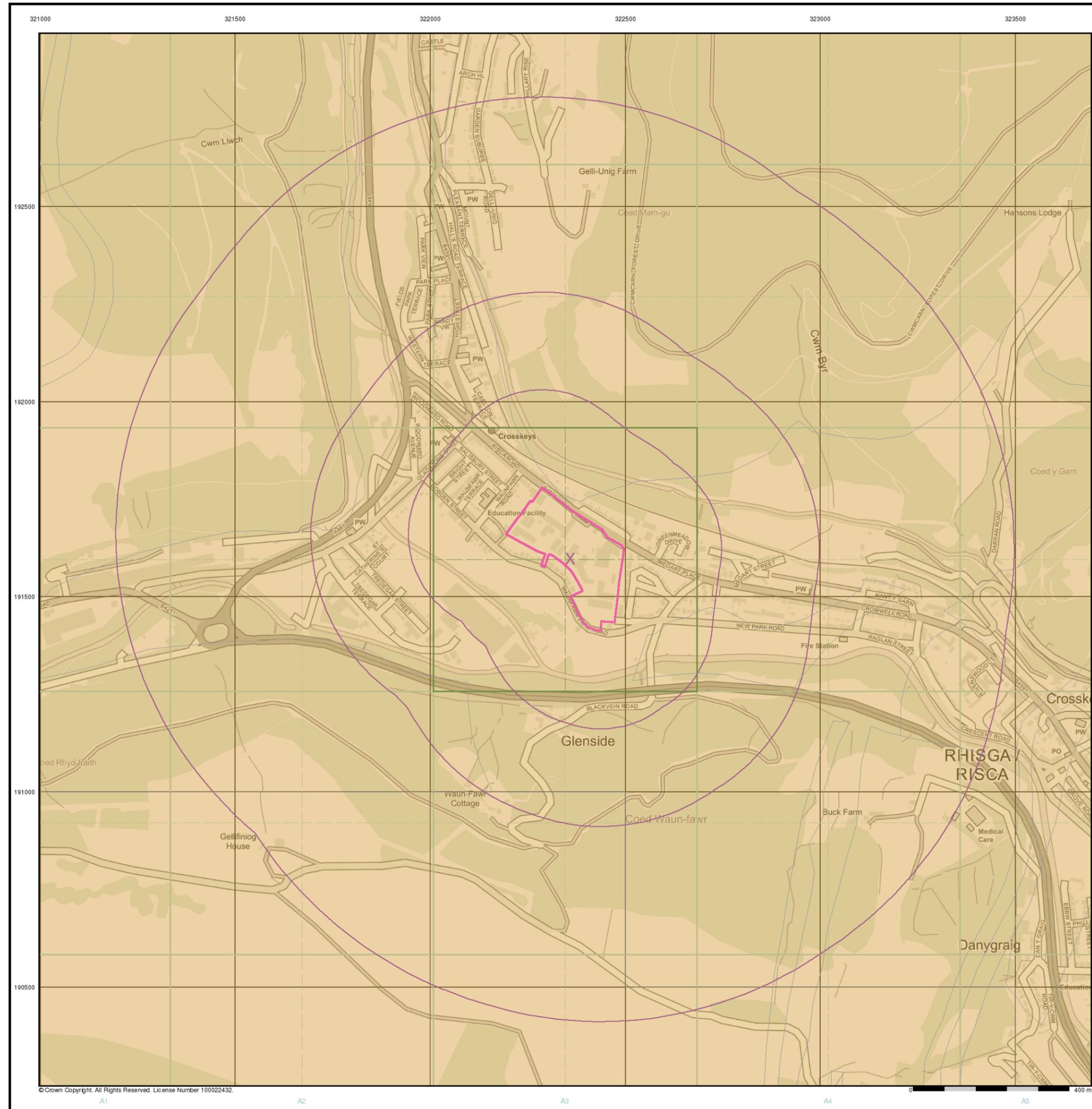
Order Details: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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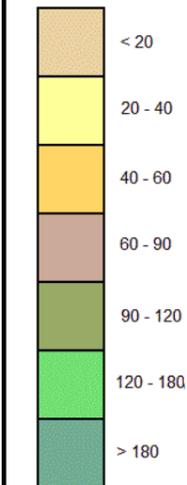
Geotechnical & Geoenvironmental Specialists

General

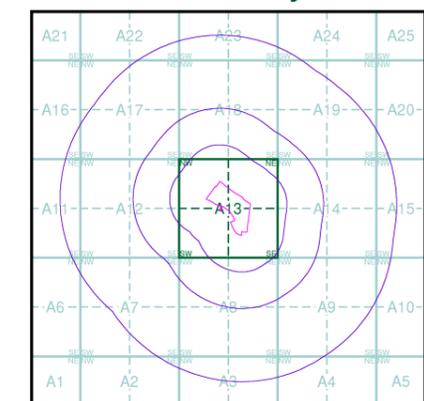
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

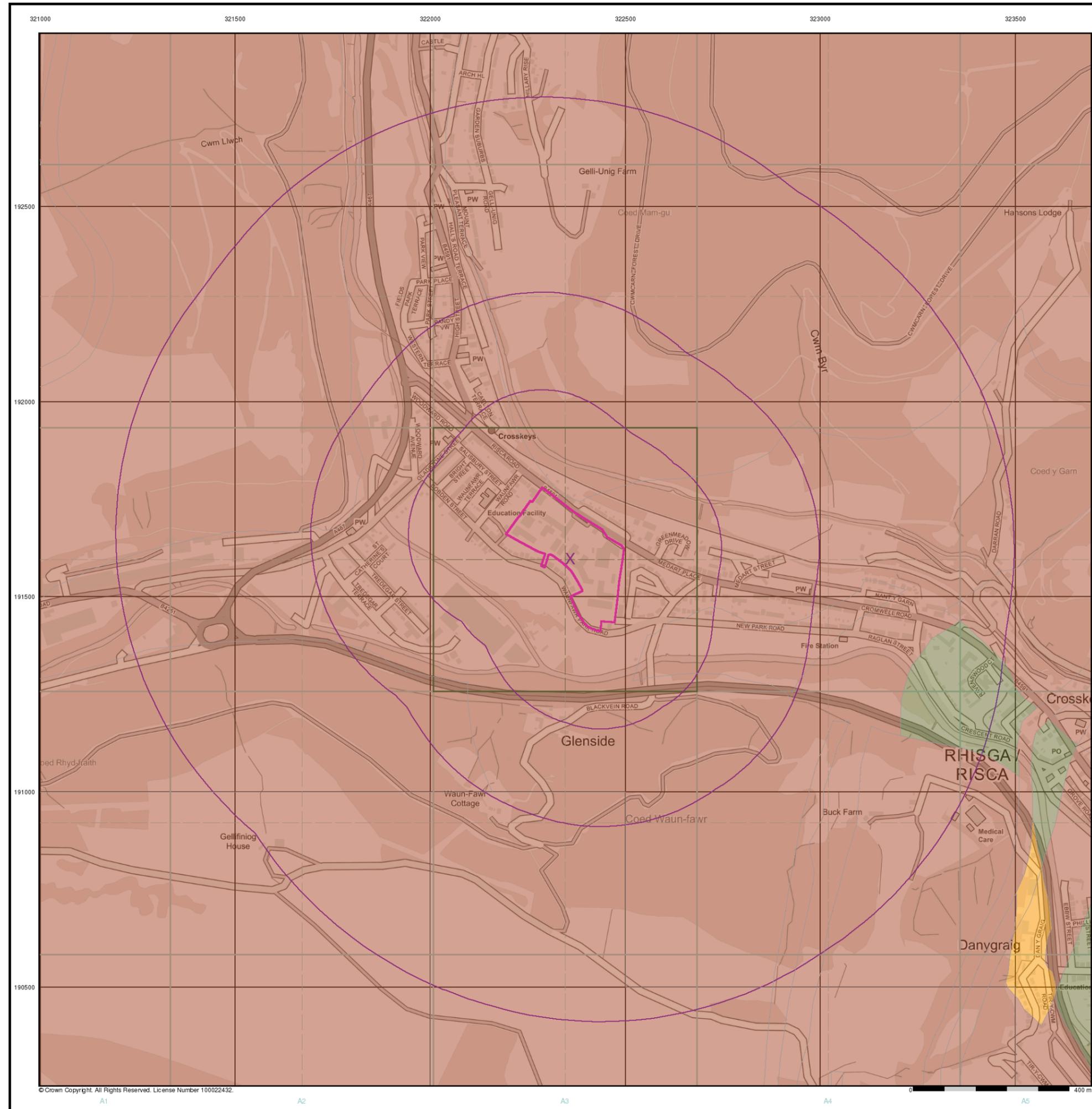
Order Details: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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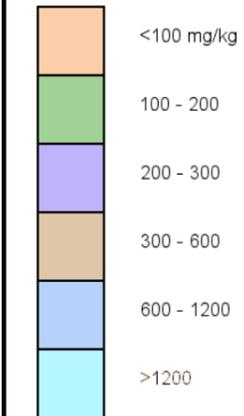
Geotechnical & Geoenvironmental Specialists

General

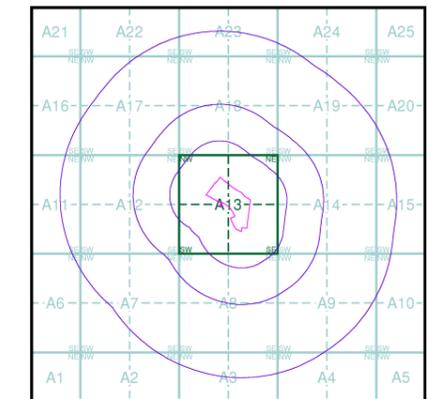
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

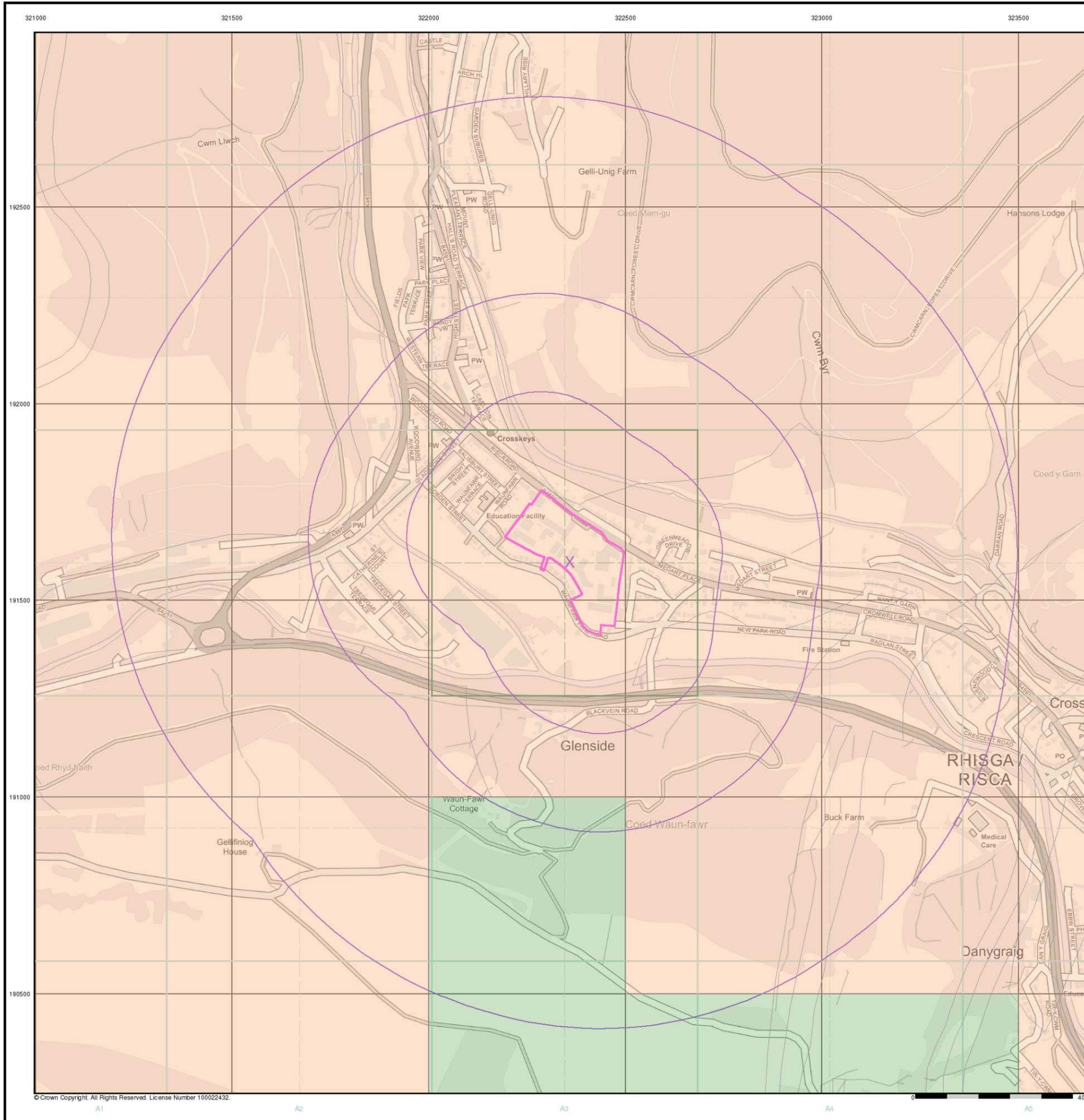
Order Details: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
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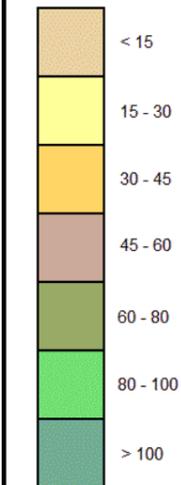
Geotechnical & Geoenvironmental Specialists

General

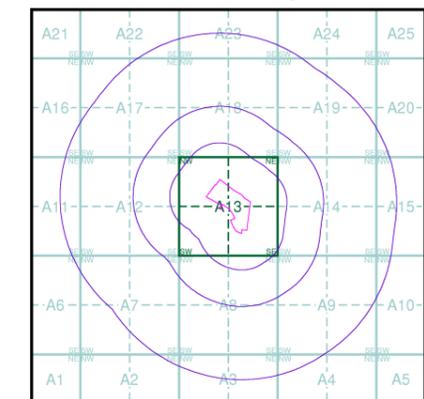
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

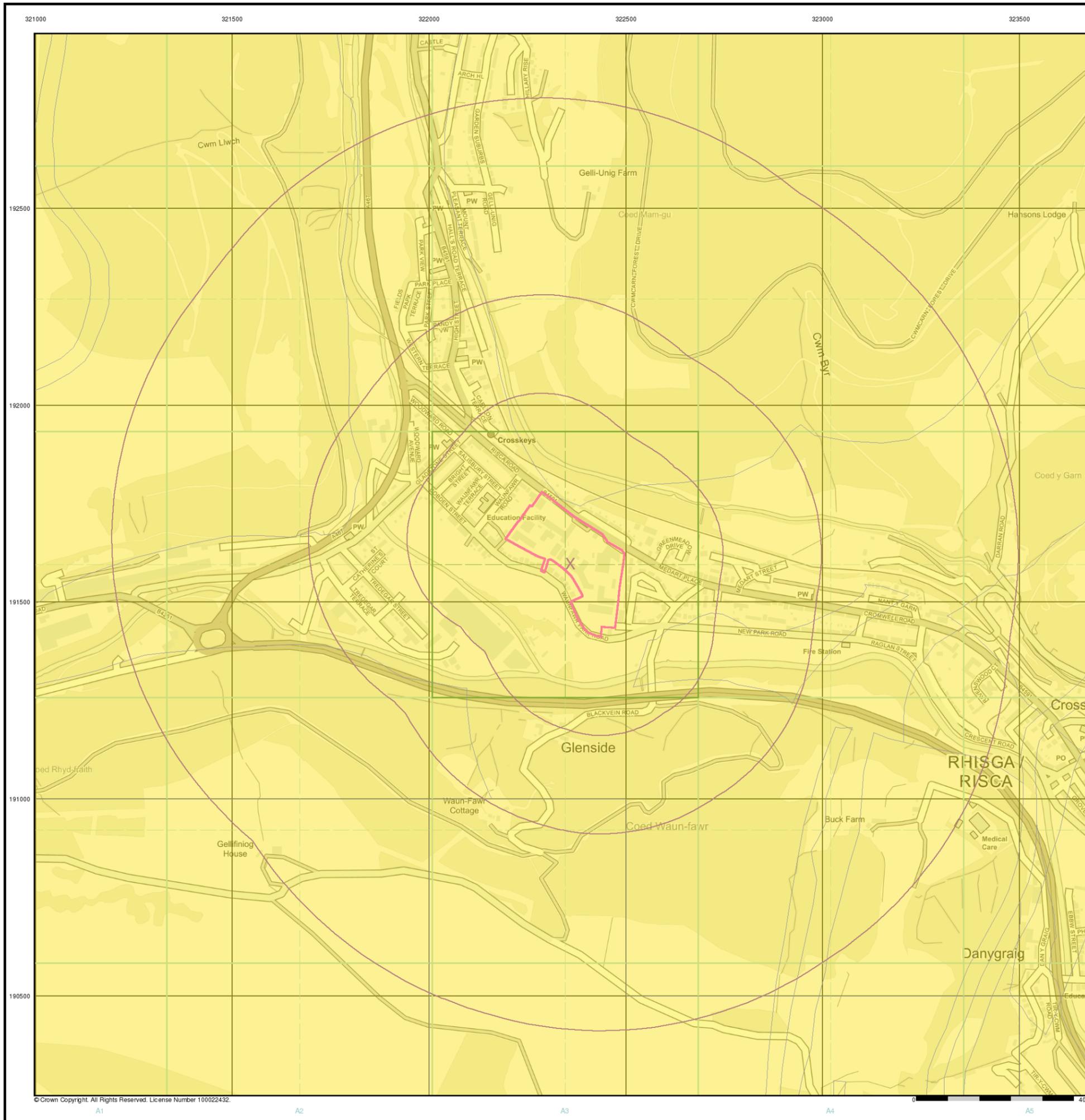
Order Details: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

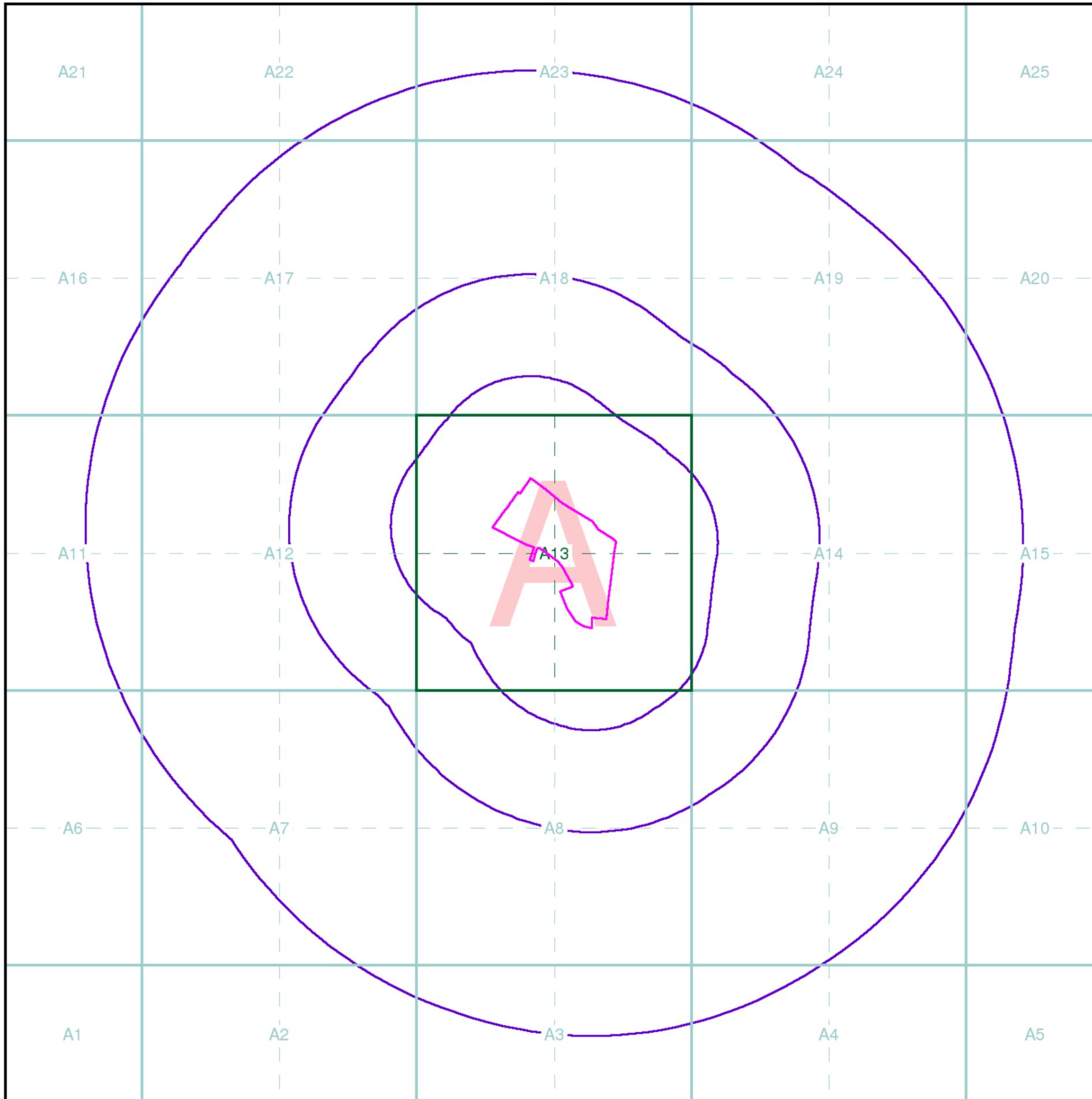
Site at 322370, 191630



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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms J Rual, TFW Group Ltd, 5 Deryn Court, Wharfdale Road, Pentwyn, Cardiff, CF23 7HB

Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322370, 191610
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

- Gravel Pit
- Sand Pit
- Other Pits
- Quarry
- Shingle
- Orchard
- Osiers
- Reeds
- Marsh
- Mixed Wood
- Deciduous
- Brushwood
- Fir
- Furze
- Rough Pasture
- Arrow denotes flow of water
- Trigonometrical Station
- Site of Antiquities
- Bench Mark
- Pump, Guide Post, Signal Post
- Well, Spring, Boundary Post
- 285** Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads
- Minor Roads
- 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 Burgh Boundary (Scotland)
- Rural District Boundary
- Civil Parish Boundary

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

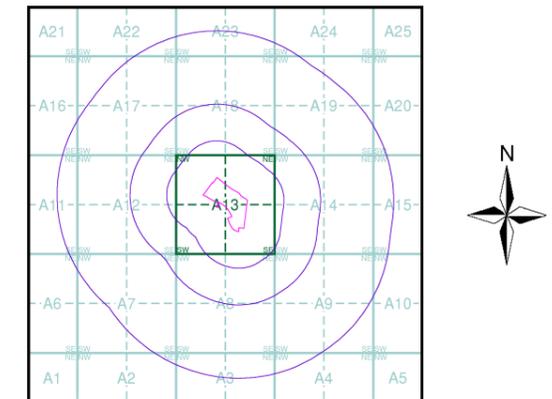


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Monmouthshire	1:10,560	1885 - 1886	2
Glamorganshire	1:10,560	1901	3
Monmouthshire	1:10,560	1902	4
Glamorganshire	1:10,560	1922	5
Monmouthshire	1:10,560	1922	6
Monmouthshire	1:10,560	1938	7
Monmouthshire	1:10,560	1948 - 1953	8
Glamorganshire	1:10,560	1951	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1971	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2024	14

Historical Map - Slice A



Order Details

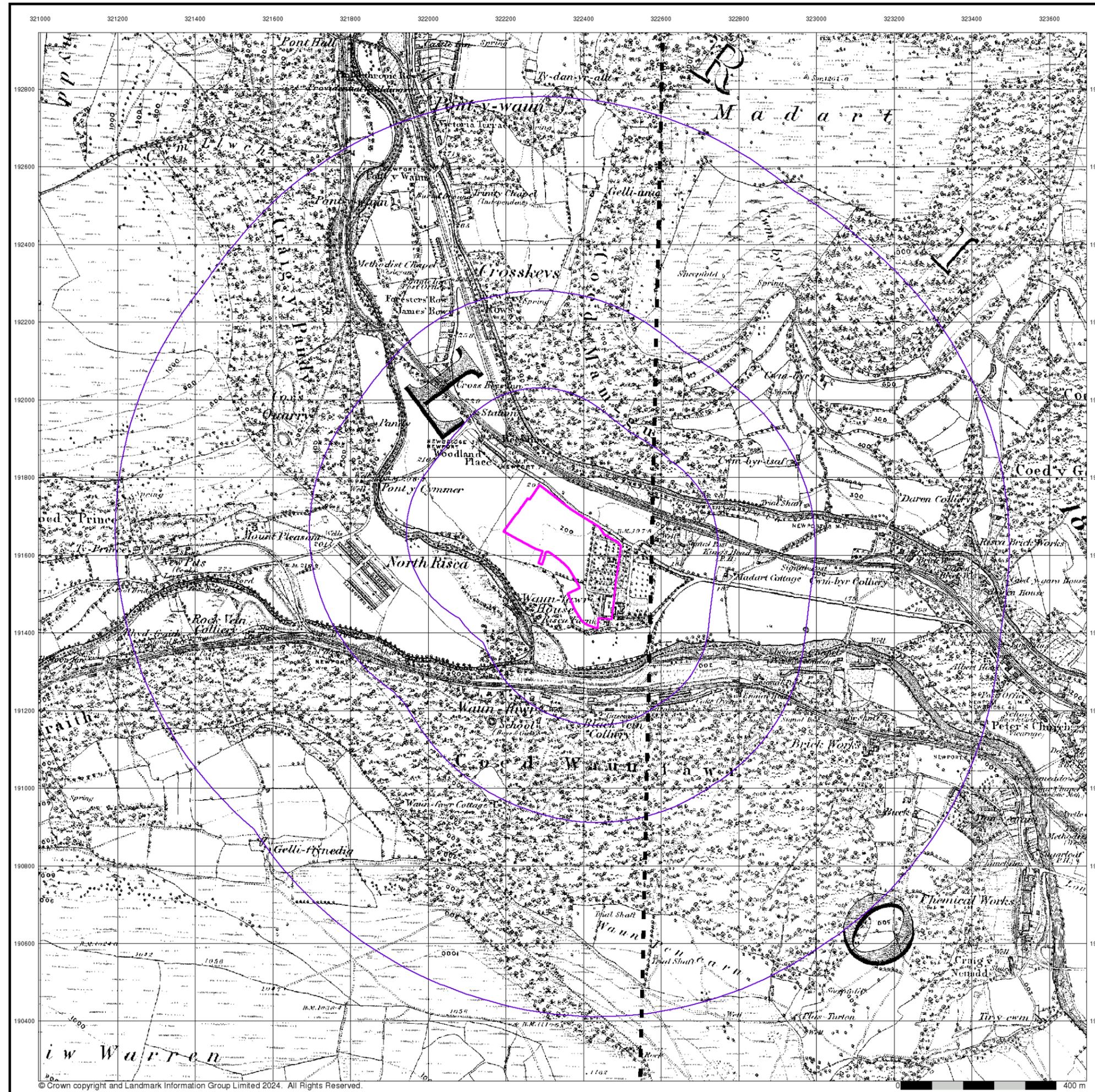
Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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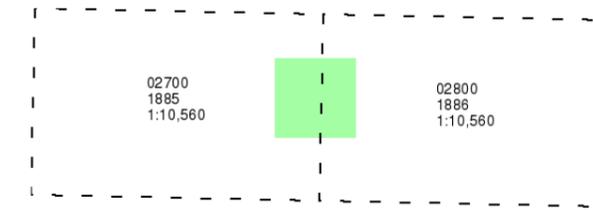
Monmouthshire

Published 1885 - 1886

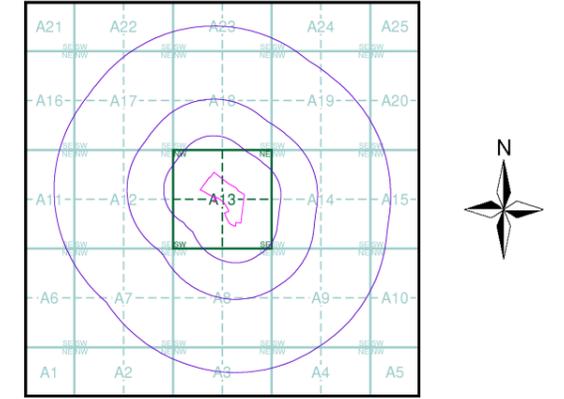
Source map scale - 1:10,560

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

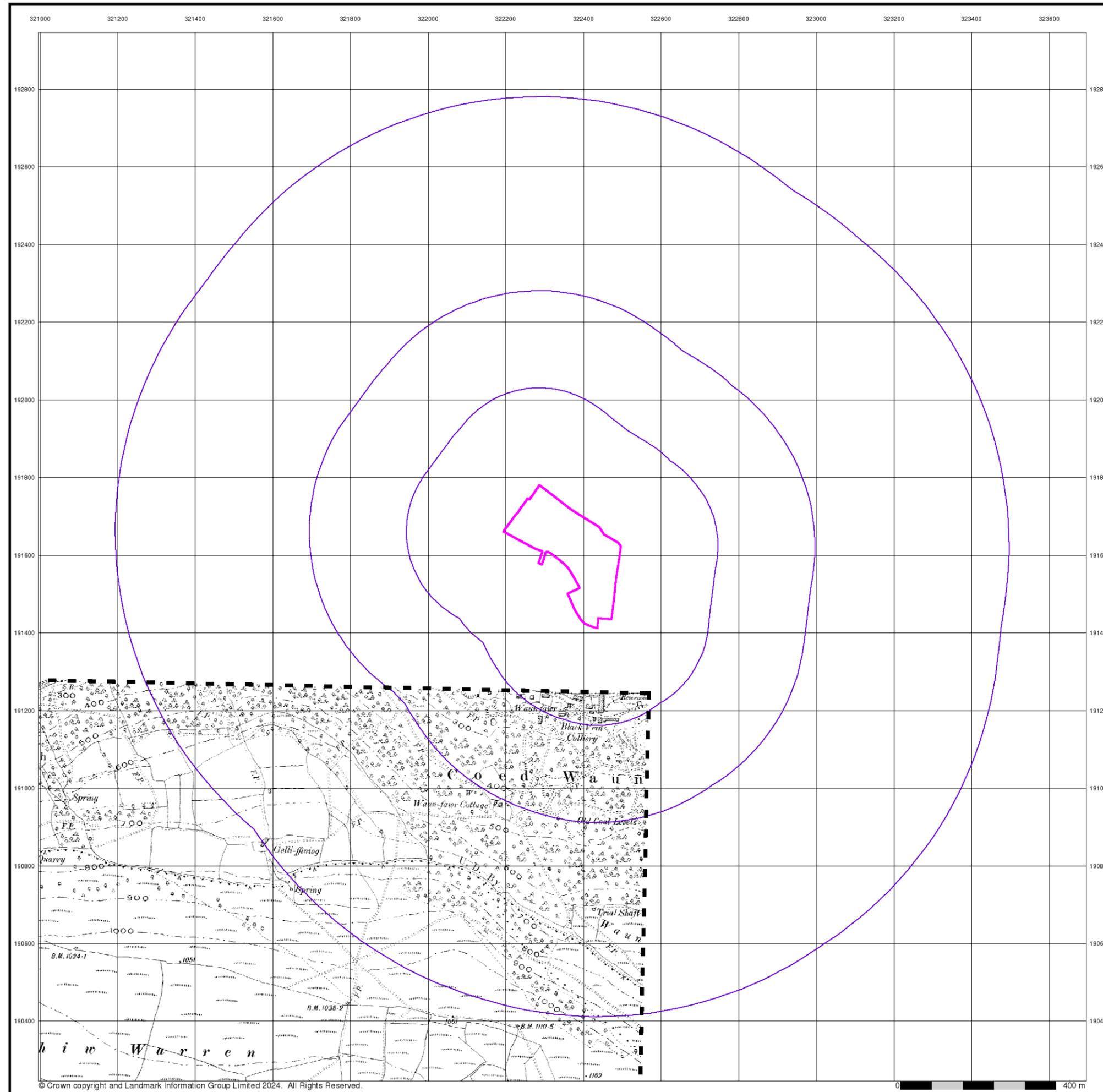
Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
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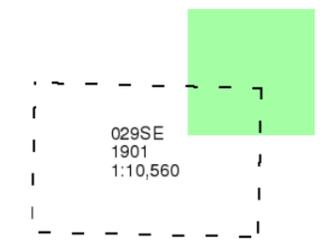
Glamorganshire

Published 1901

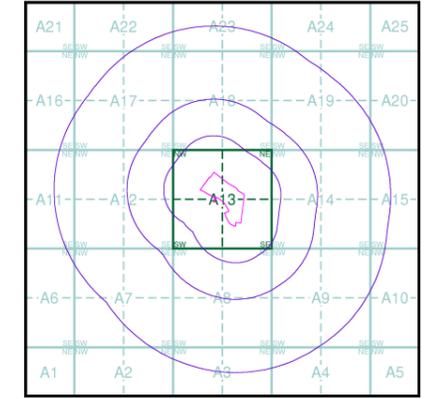
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

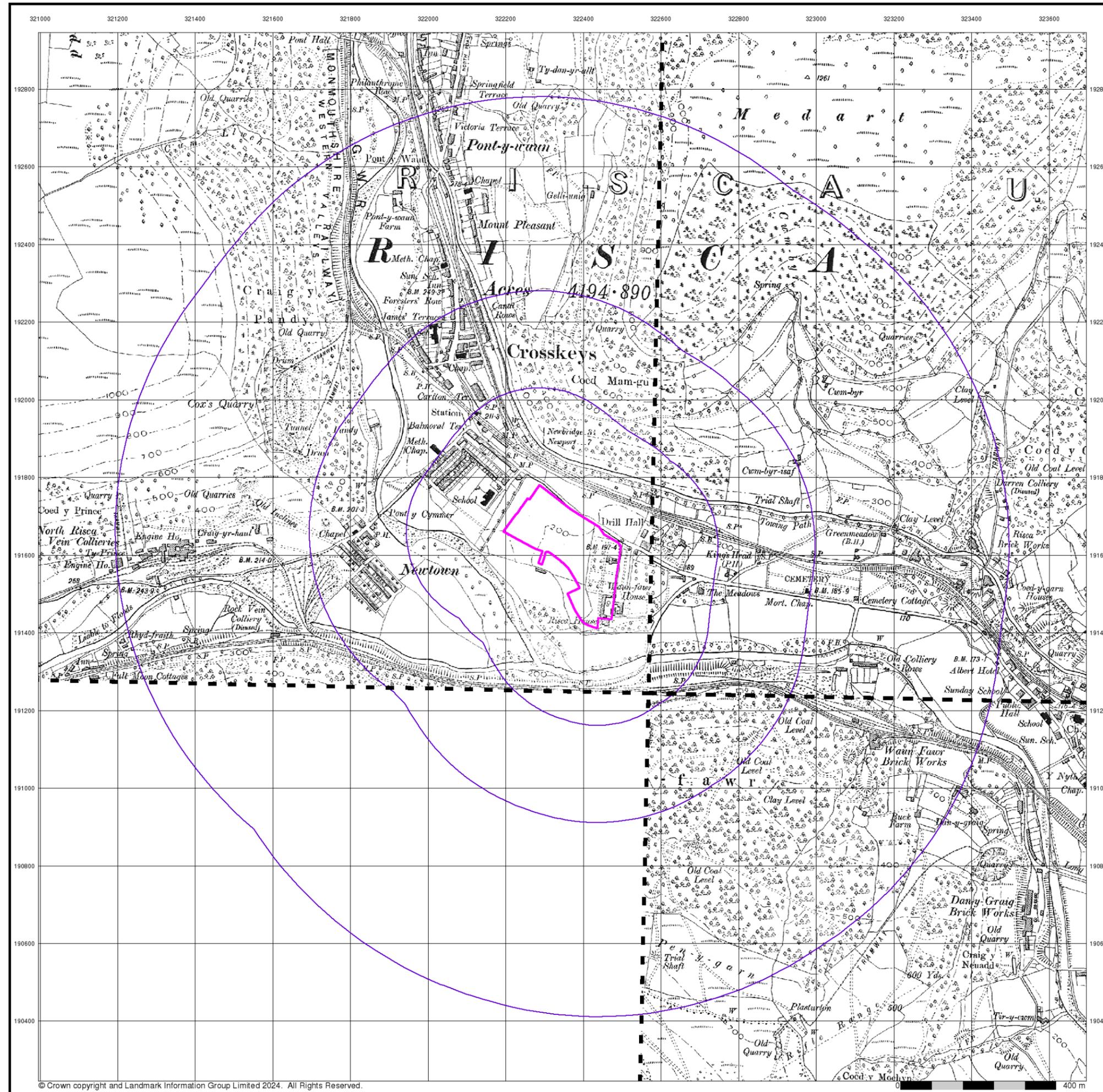
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 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 1000

Site Details

Site at 322370, 191630



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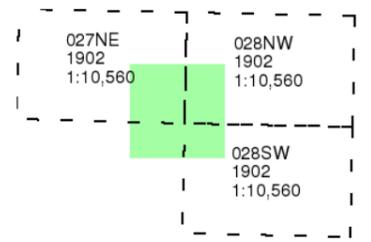
Monmouthshire

Published 1902

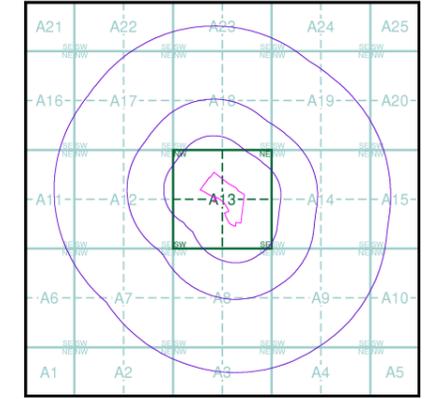
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

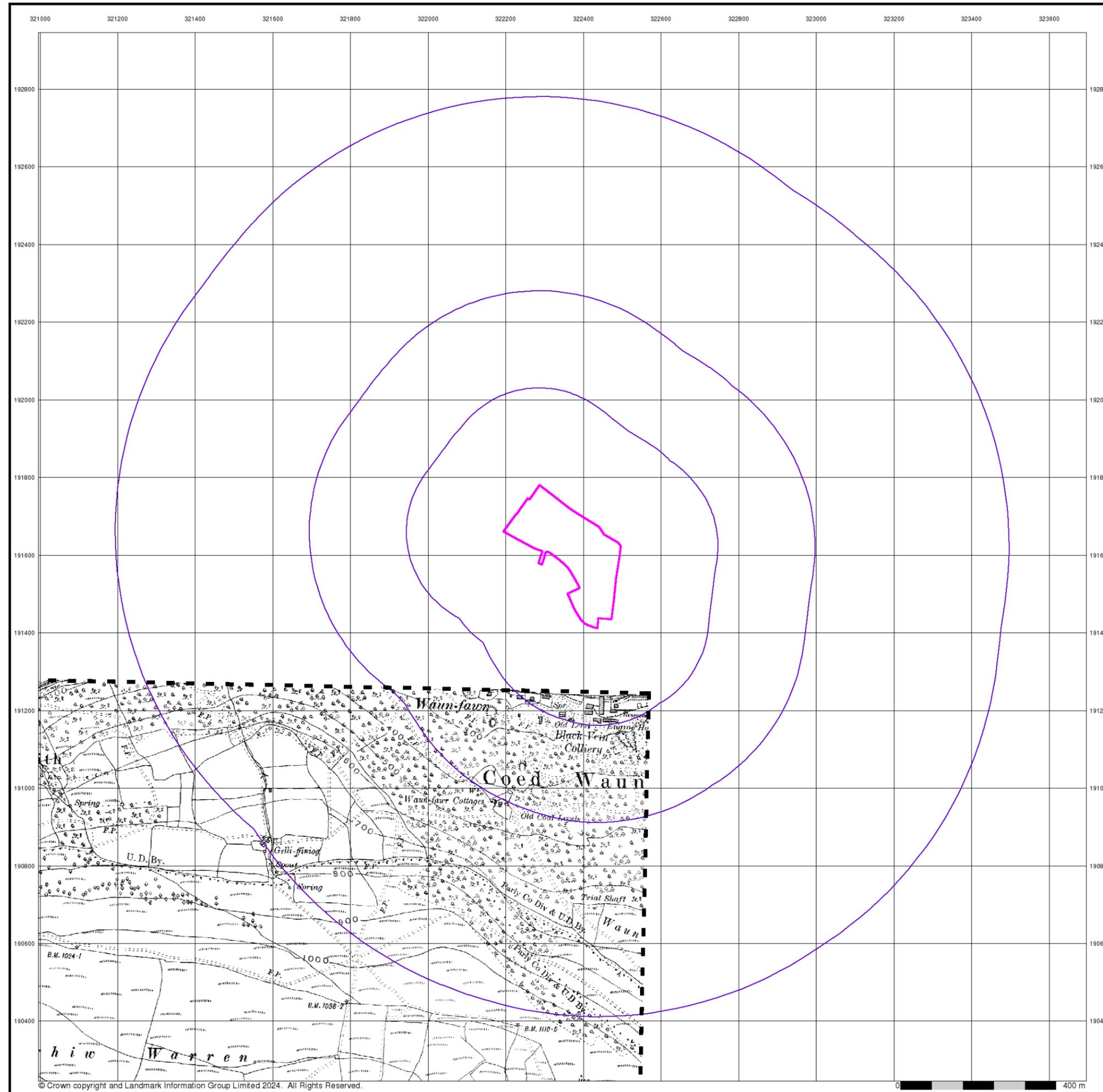
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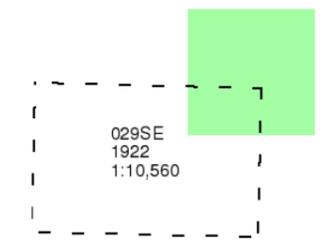
Glamorganshire

Published 1922

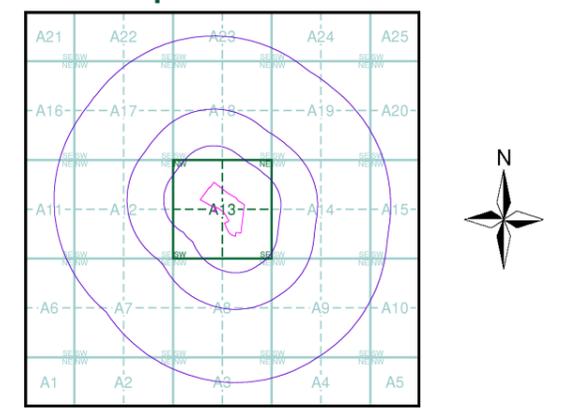
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

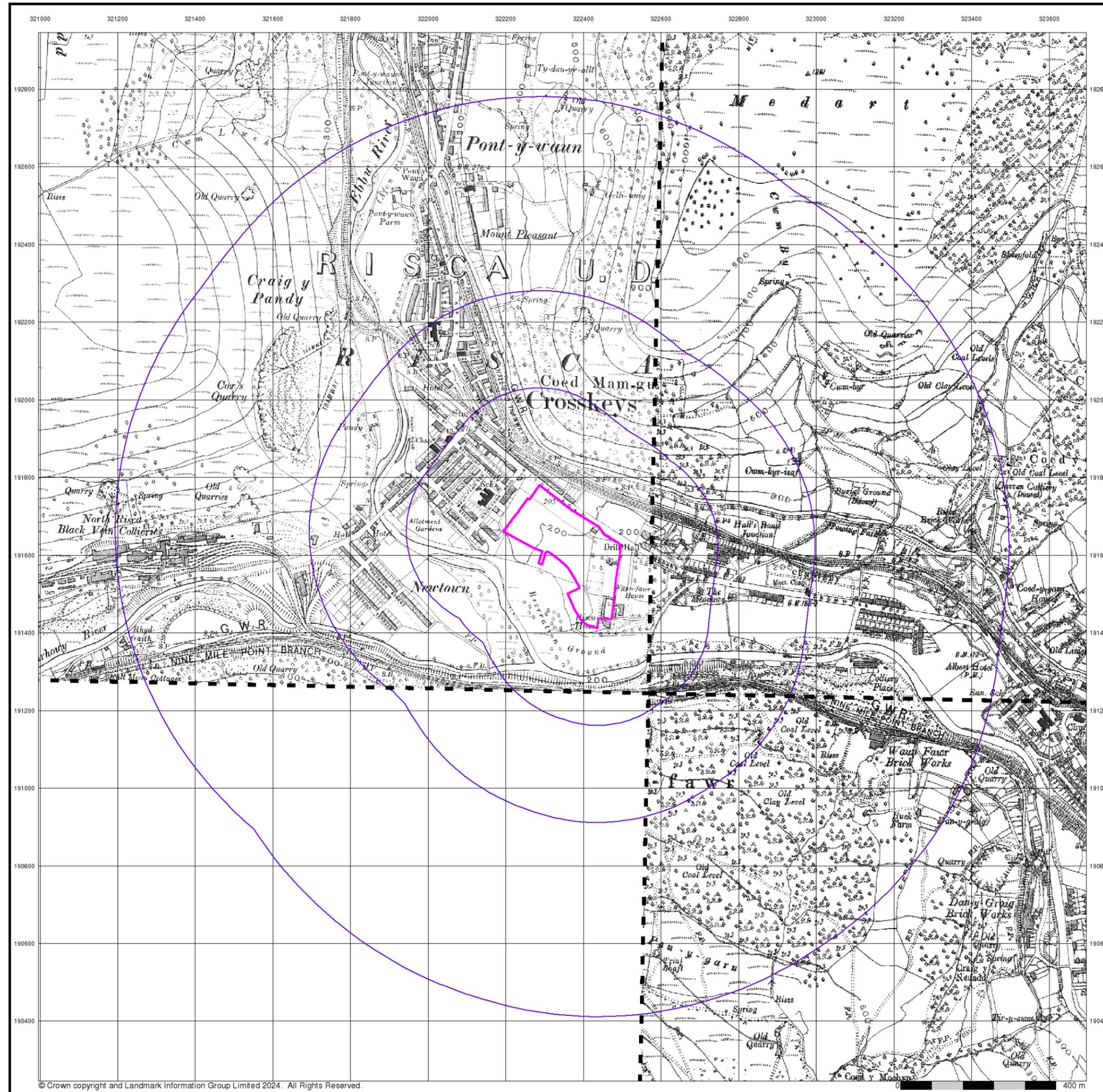
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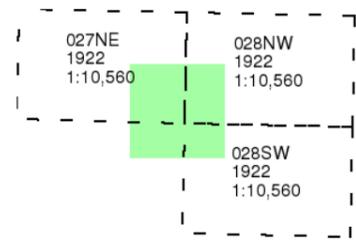
Monmouthshire

Published 1922

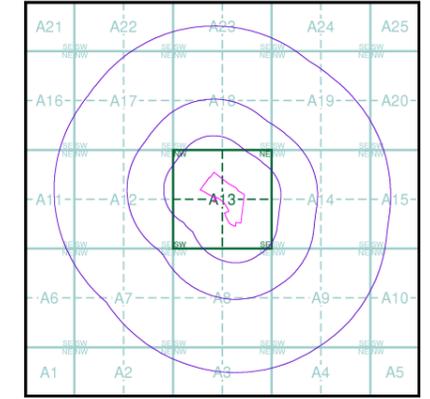
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

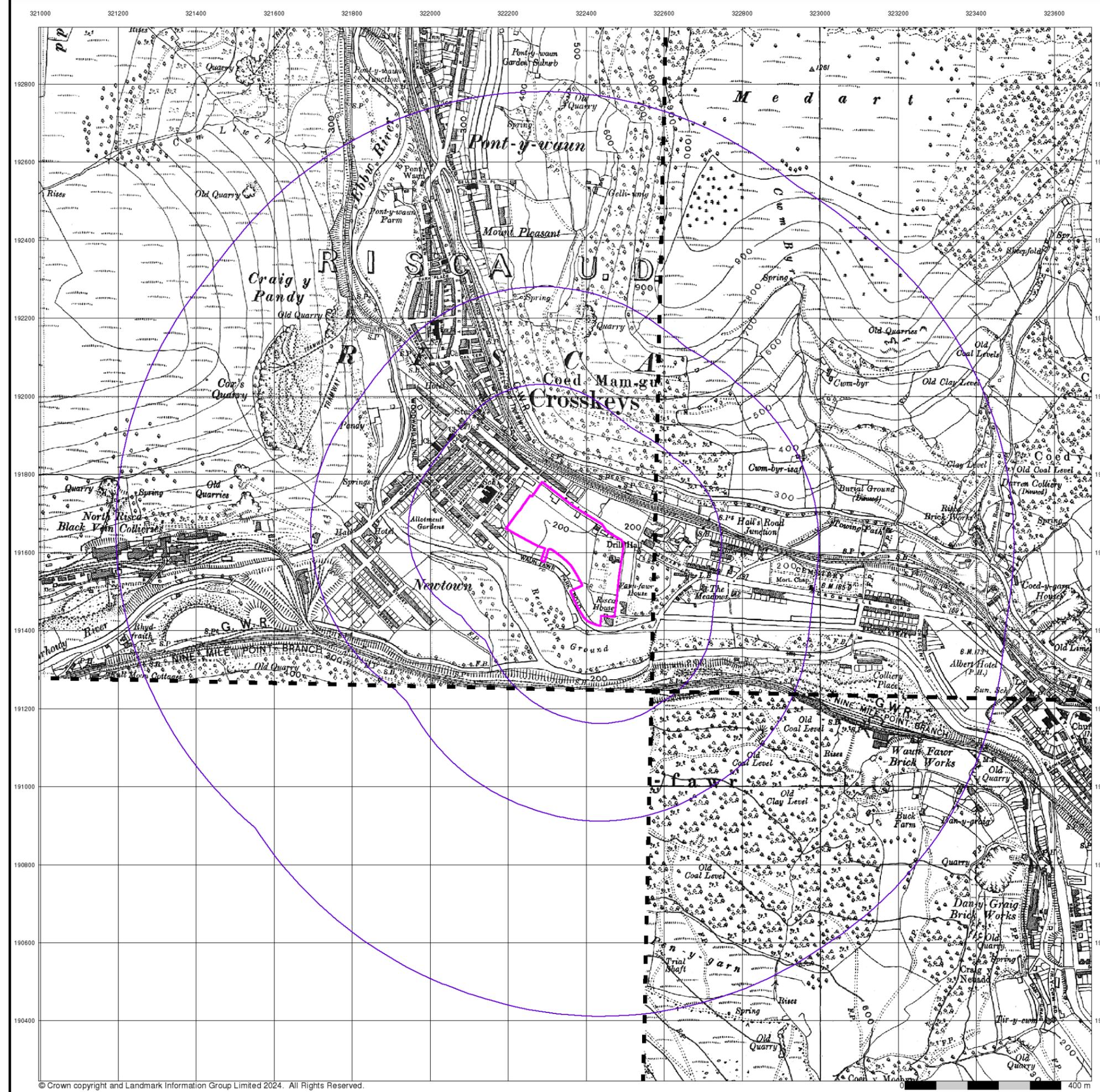
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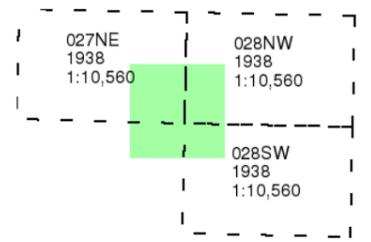
Monmouthshire

Published 1938

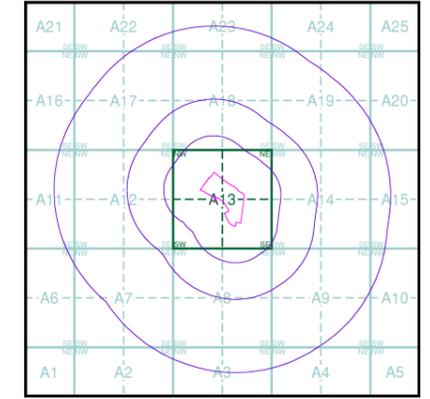
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

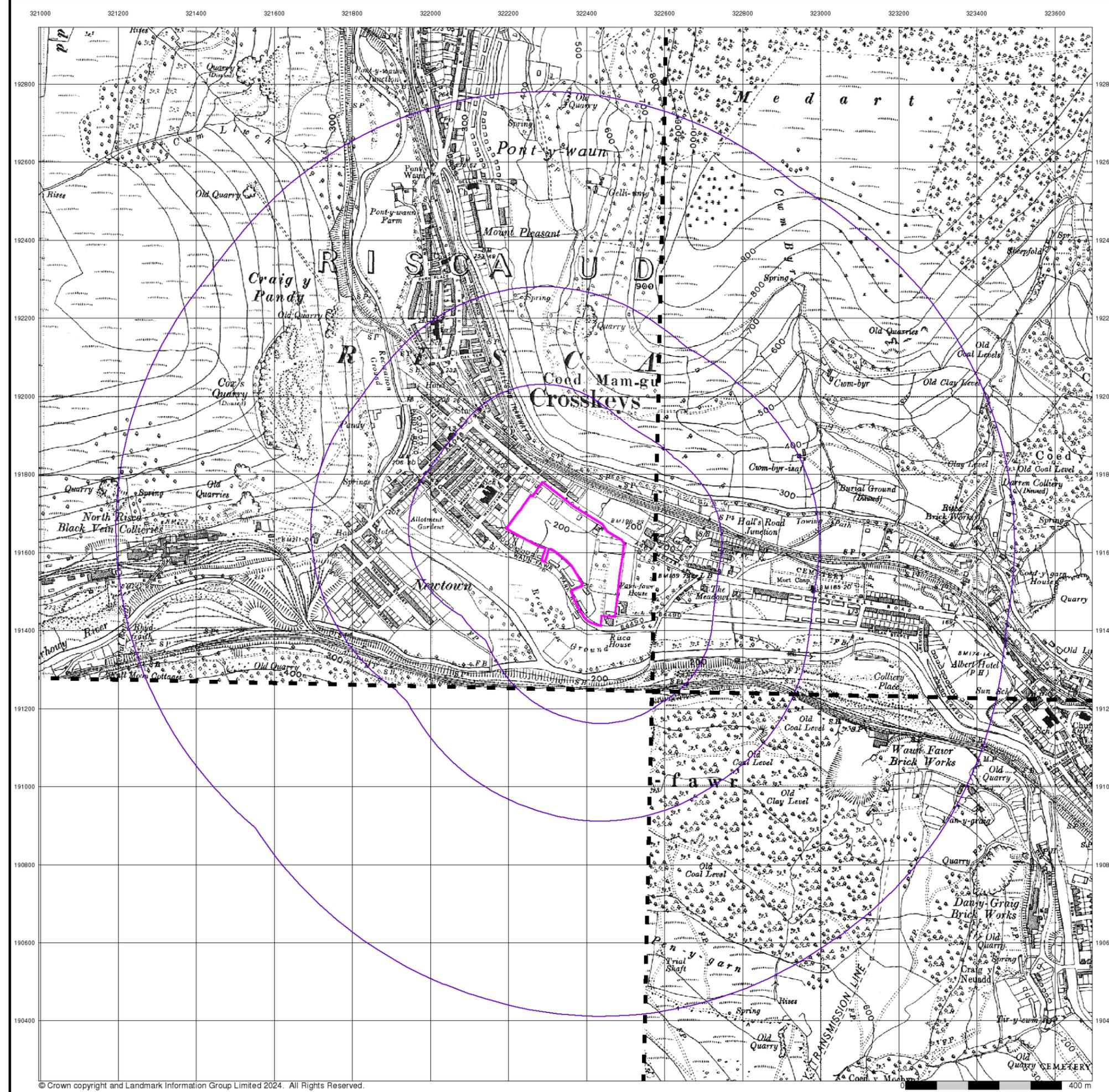
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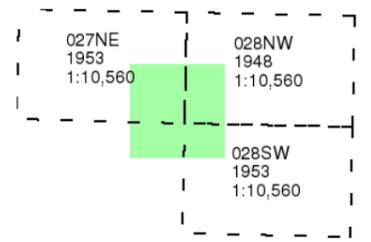
Monmouthshire

Published 1948 - 1953

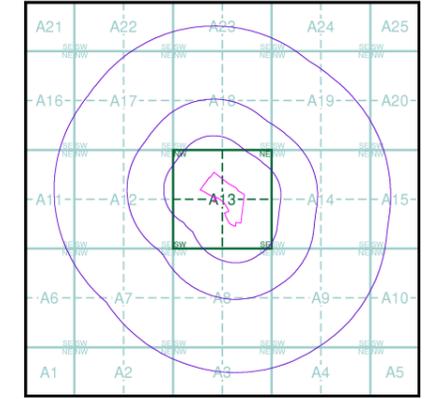
Source map scale - 1:10,560

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

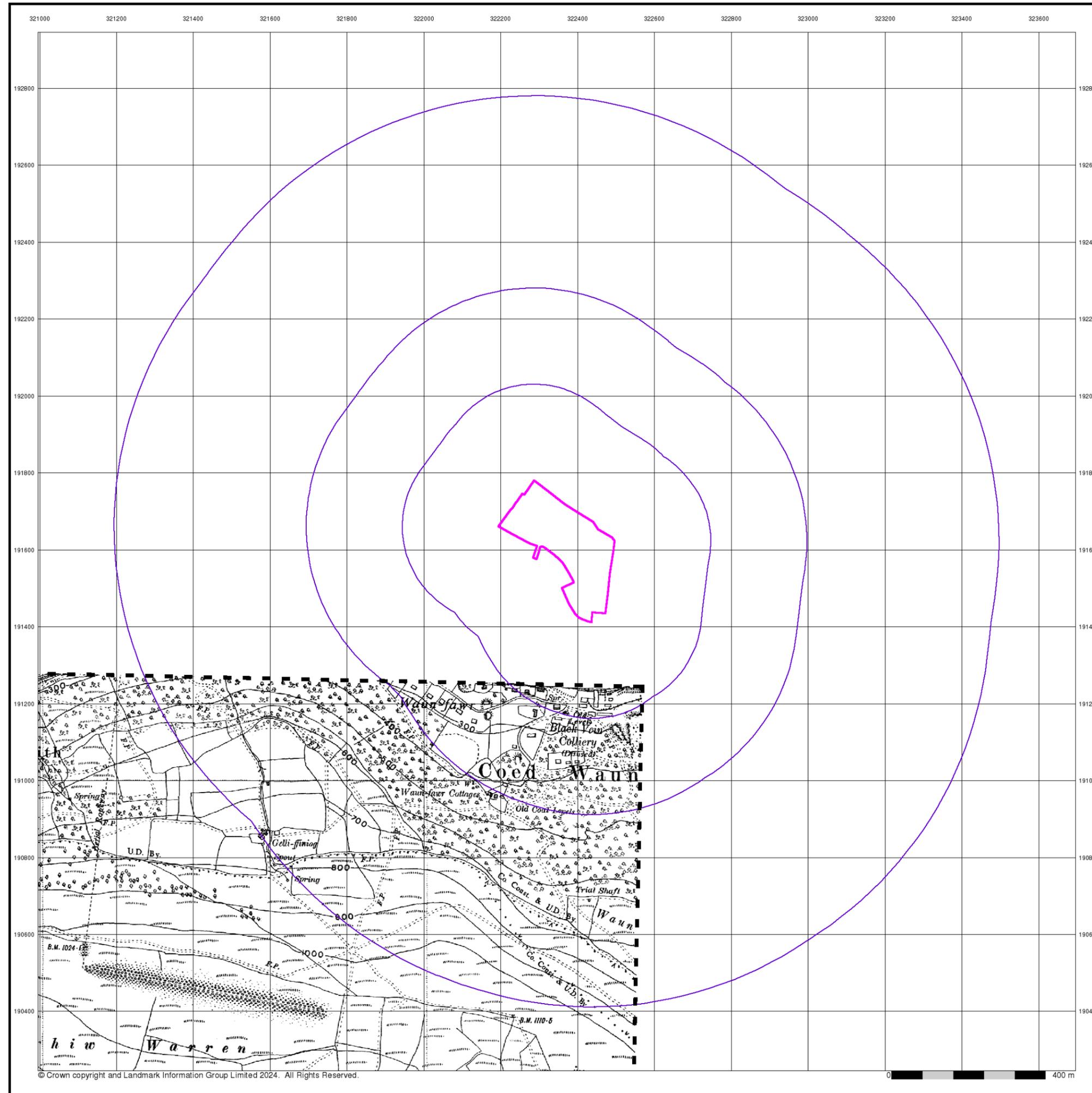
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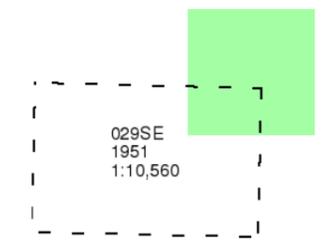
Glamorganshire

Published 1951

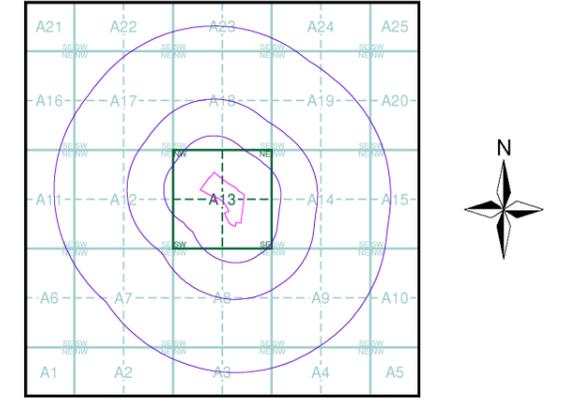
Source map scale - 1:10,560

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

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Historical Map - Slice A



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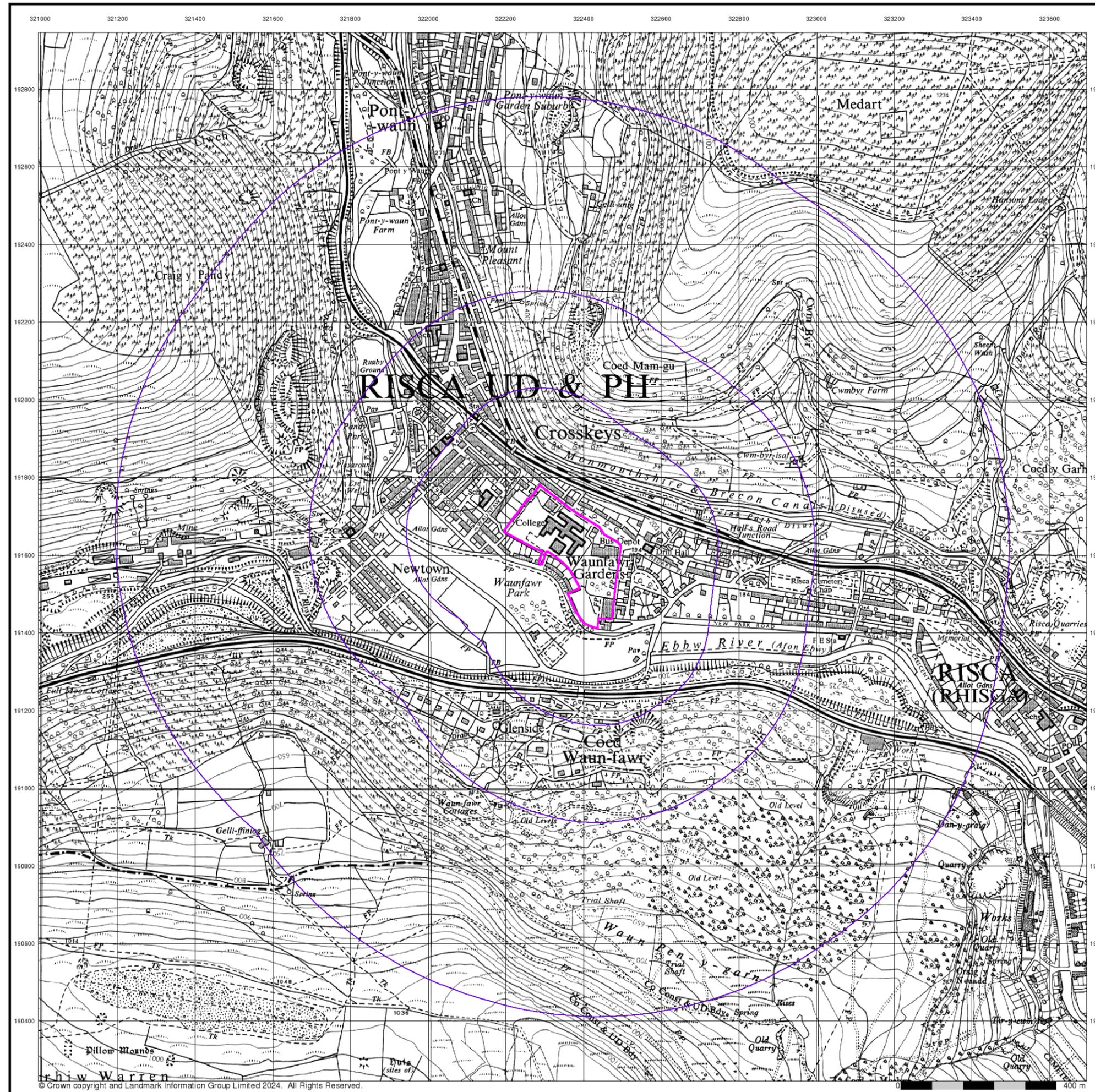
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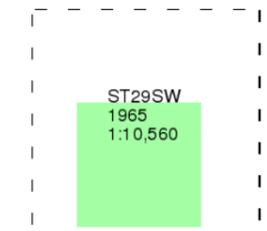
Ordnance Survey Plan

Published 1965

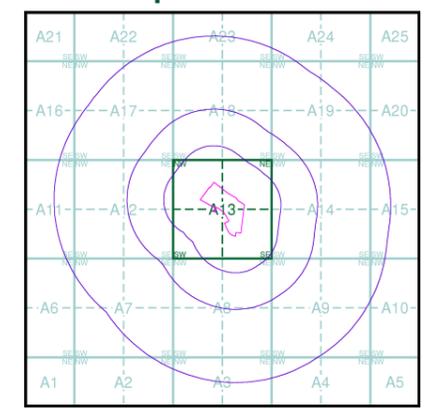
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

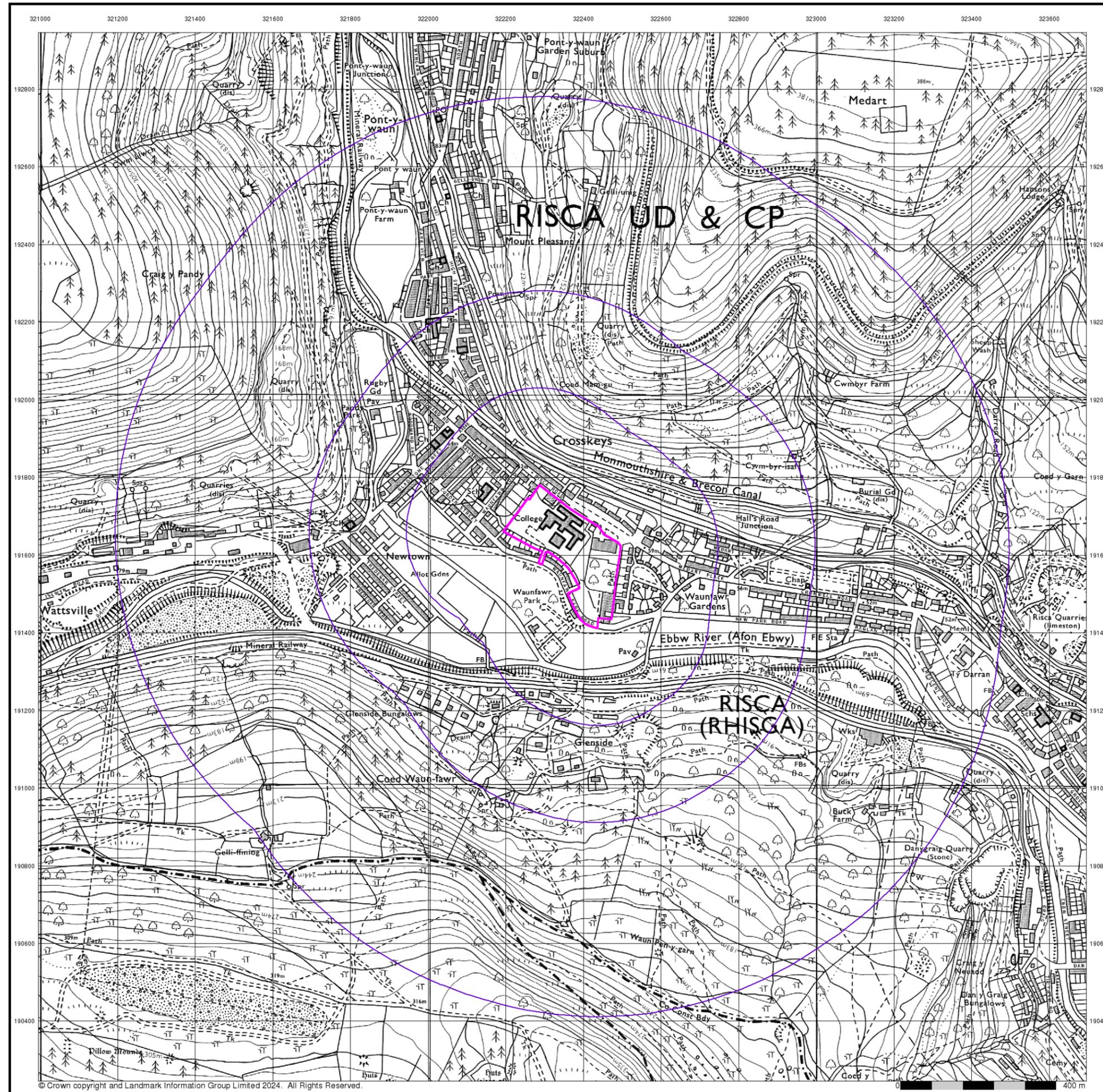
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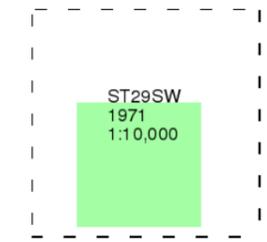
Ordnance Survey Plan

Published 1971

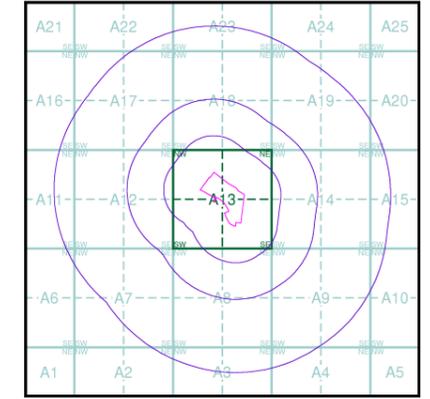
Source map scale - 1:10,000

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Historical Map - Slice A



Order Details

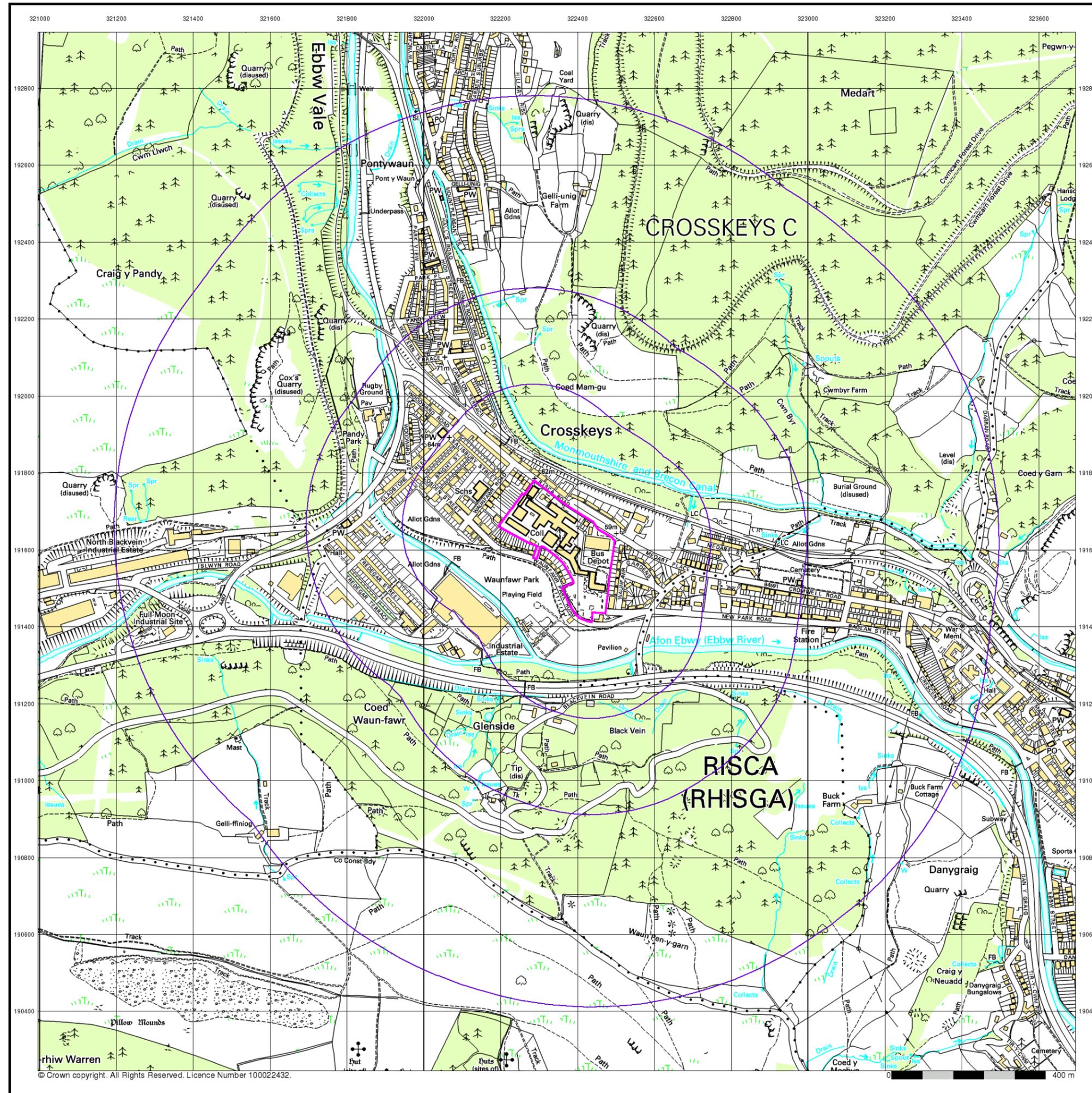
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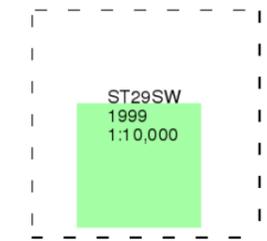
10k Raster Mapping

Published 1999

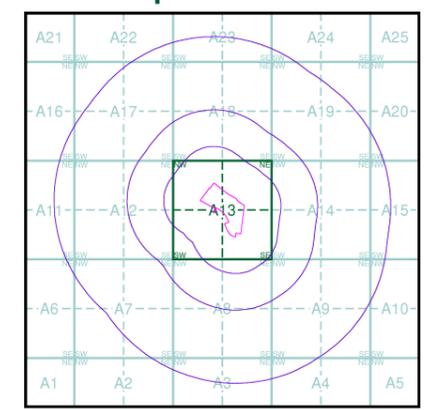
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

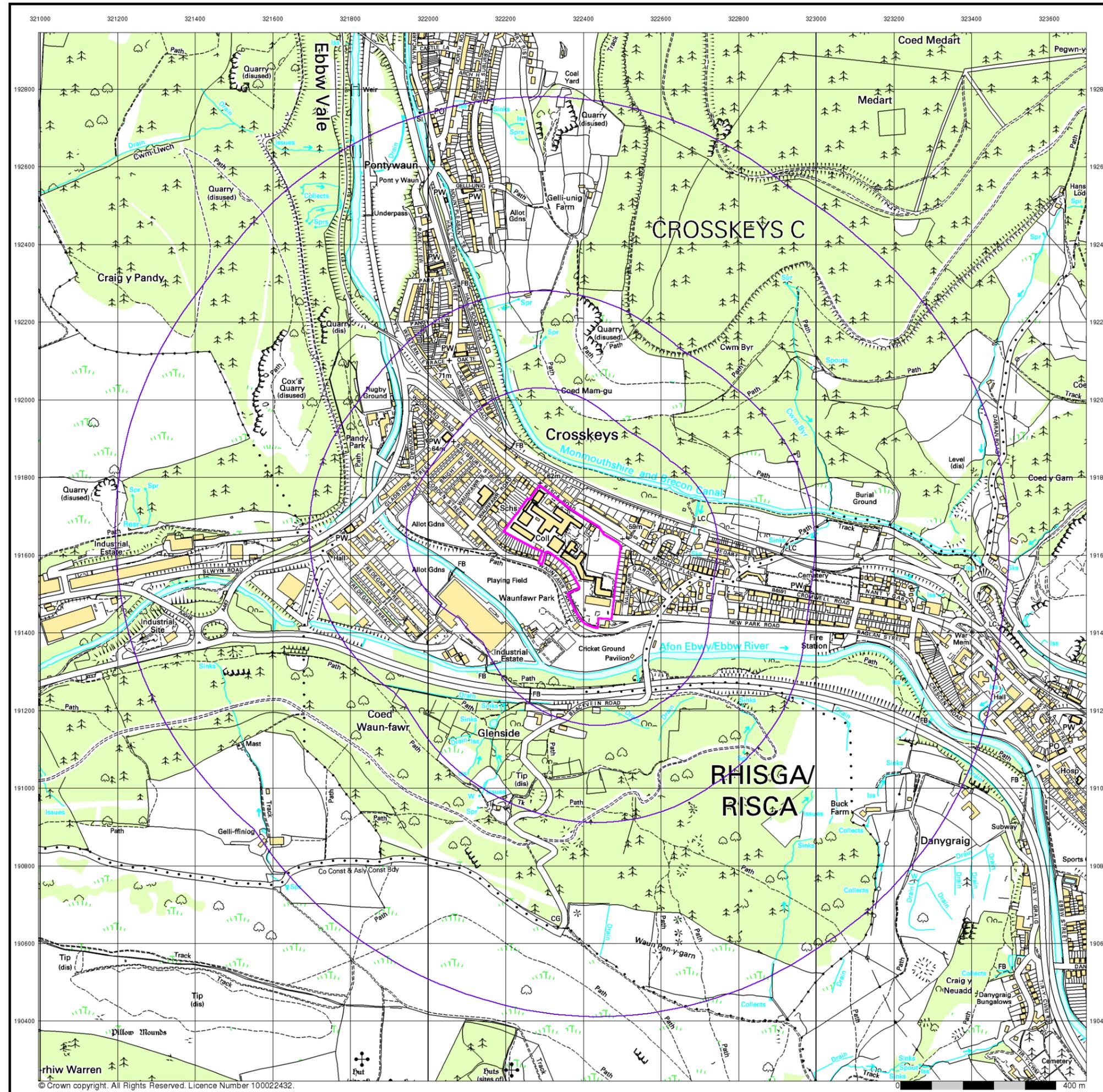
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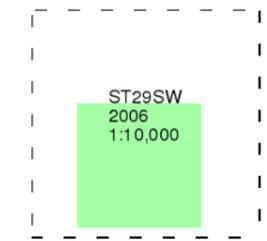
10k Raster Mapping

Published 2006

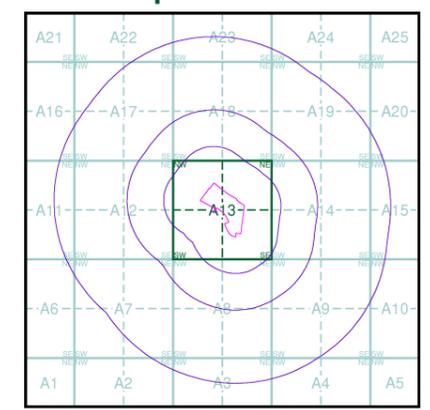
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Map Name(s) and Date(s)



Historical Map - Slice A



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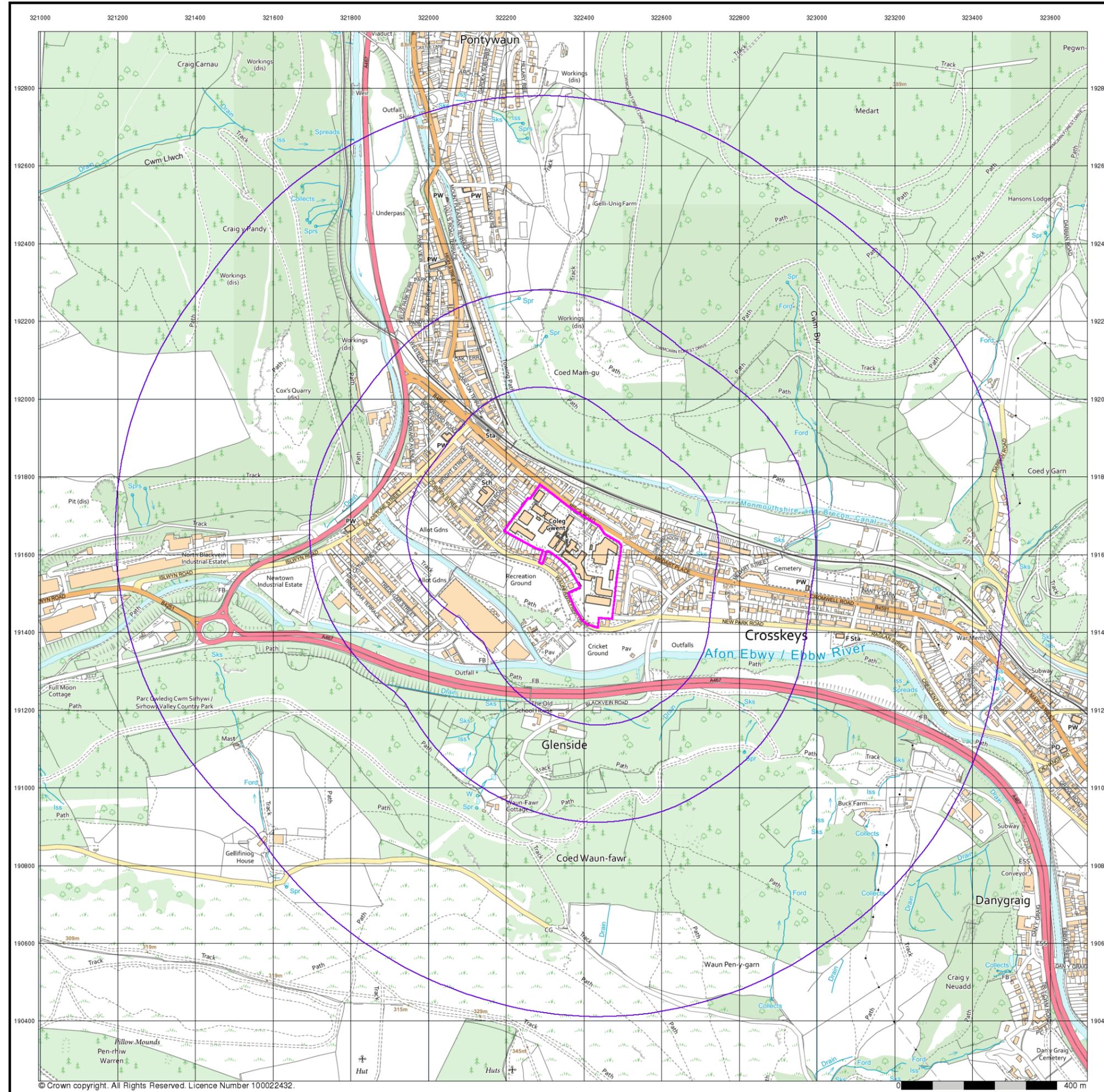
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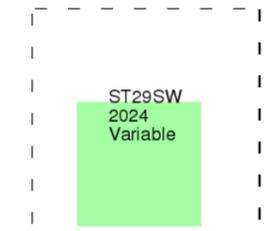
VectorMap Local

Published 2024

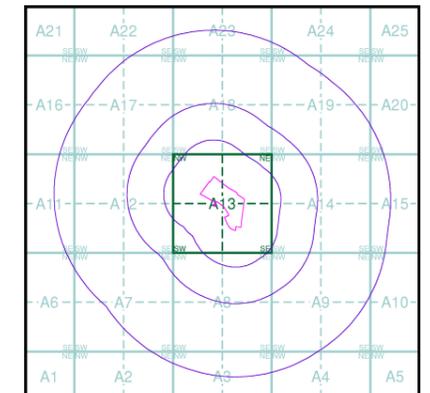
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Historical Mapping Legends

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

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

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

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

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

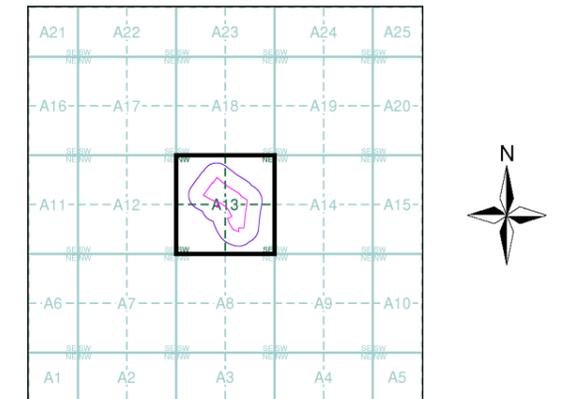


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Monmouthshire	1:2,500	1880 - 1883	2
Monmouthshire	1:2,500	1901	3
Monmouthshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1962	5
Supply of Unpublished Survey Information	1:2,500	1975	6
Additional SIMs	1:2,500	1977	7
Ordnance Survey Plan	1:1,250	1980	8
Additional SIMs	1:1,250	1986	9
Additional SIMs	1:2,500	1987	10
Large-Scale National Grid Data	1:1,250	1993	11
Large-Scale National Grid Data	1:1,250	1996	12
Historical Aerial Photography	1:2,500	2000	13

Historical Map - Segment A13



Order Details

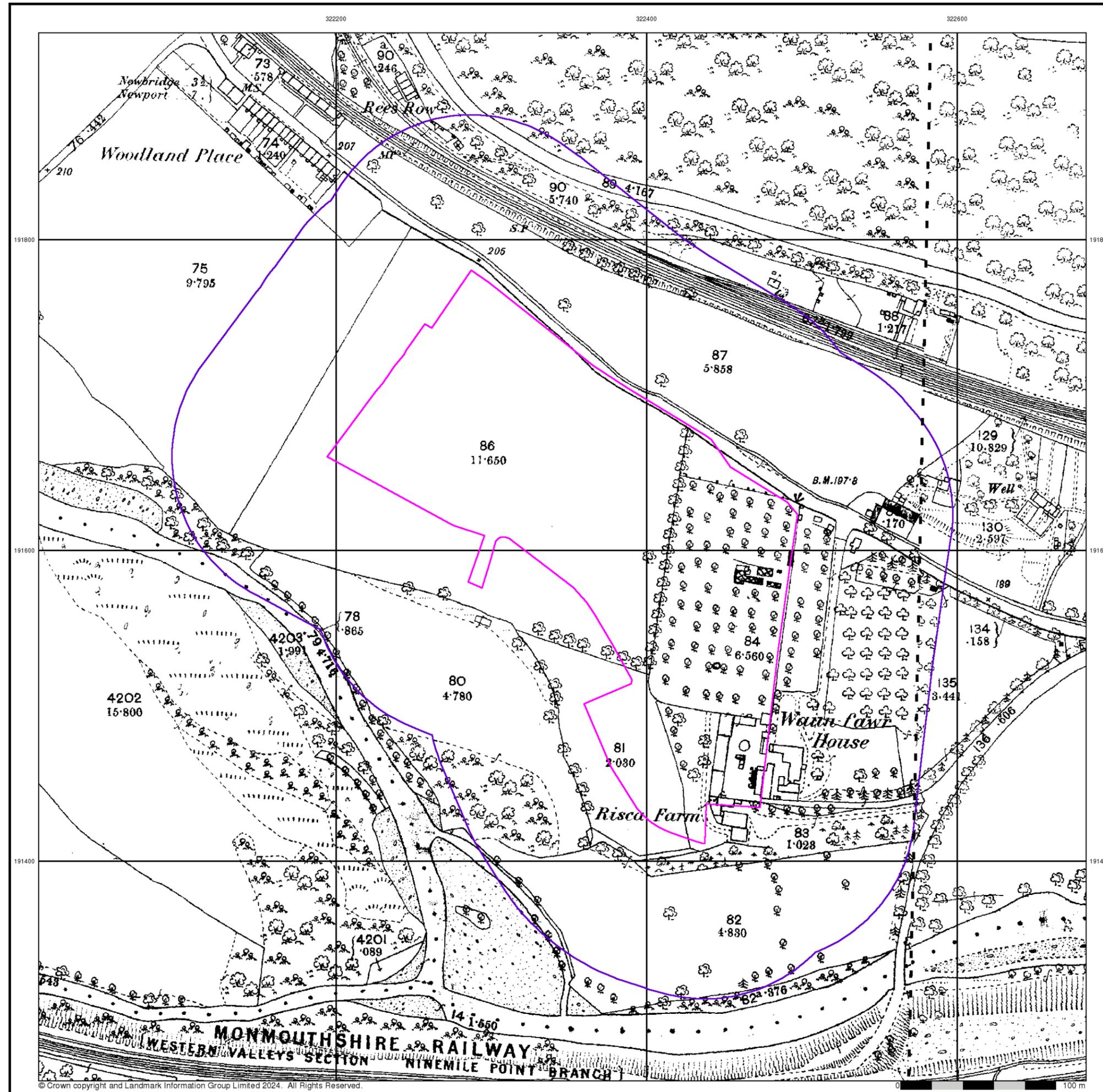
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 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 100

Site Details

Site at 322370, 191630



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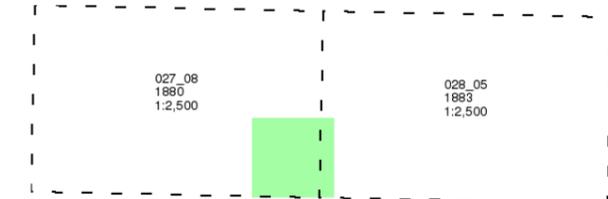
Monmouthshire

Published 1880 - 1883

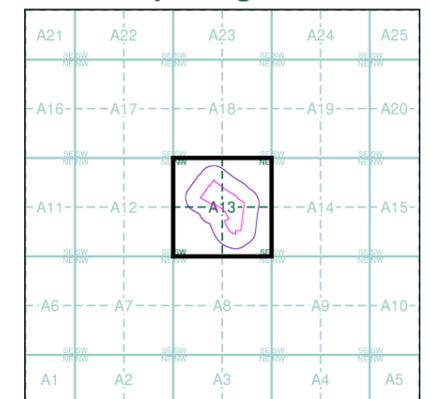
Source map scale - 1:2,500

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



Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
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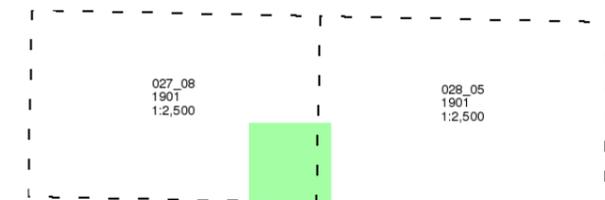
Monmouthshire

Published 1901

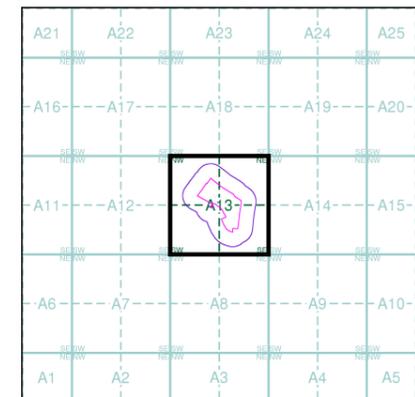
Source map scale - 1:2,500

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

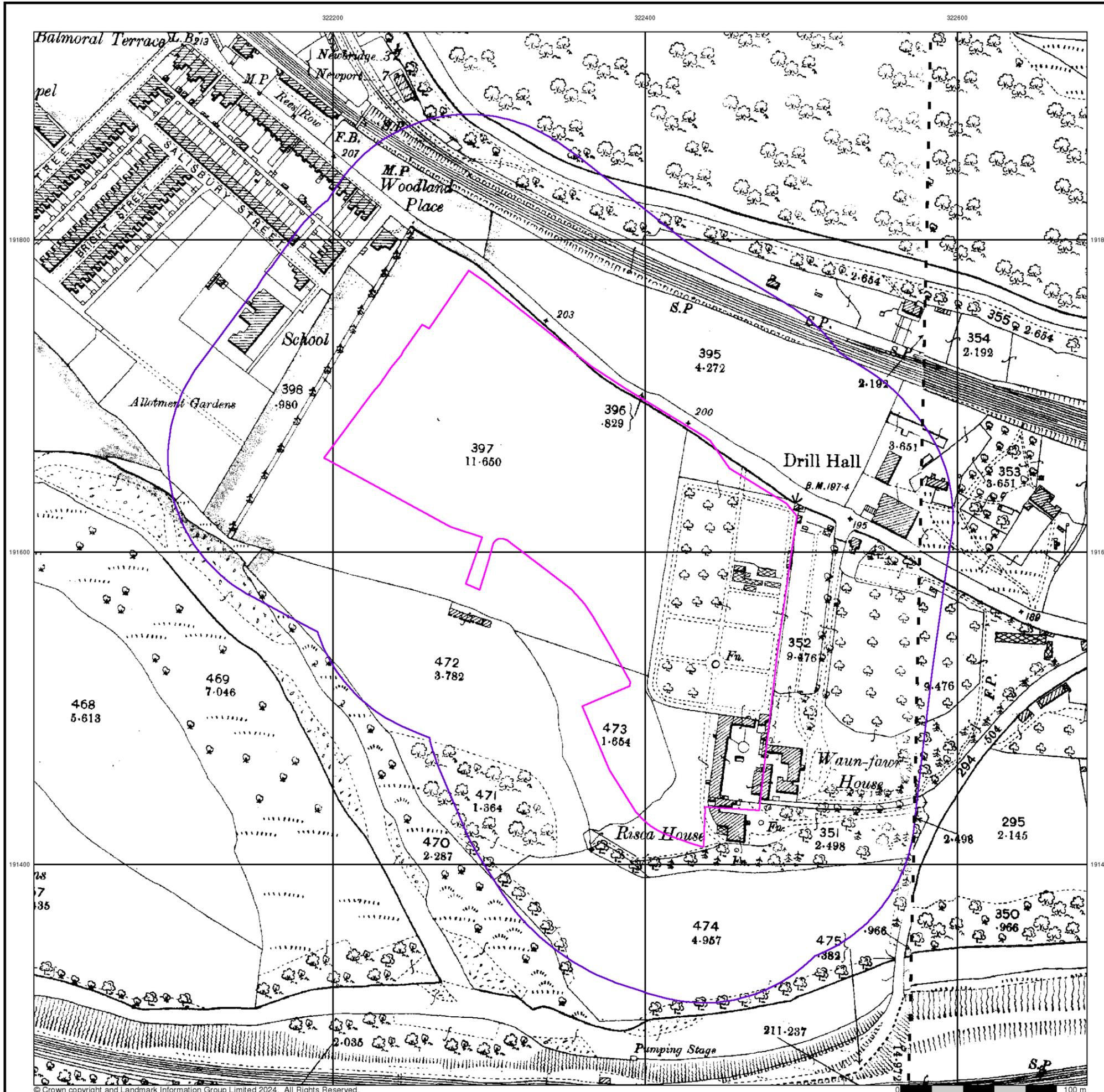
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Customer Ref: TF-24-238-CA JR
National Grid Reference: 322360, 191600
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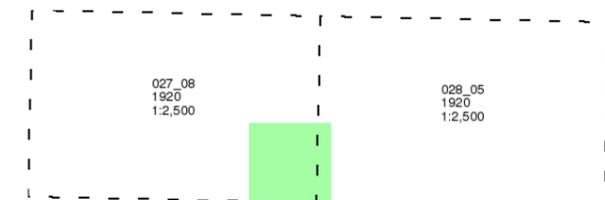
Monmouthshire

Published 1920

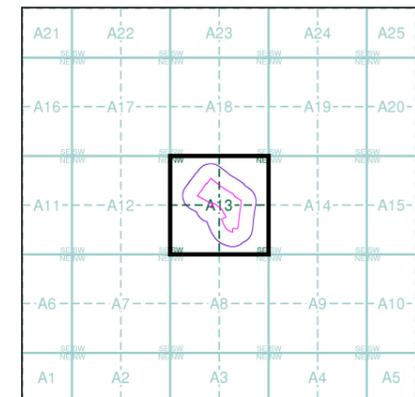
Source map scale - 1:2,500

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

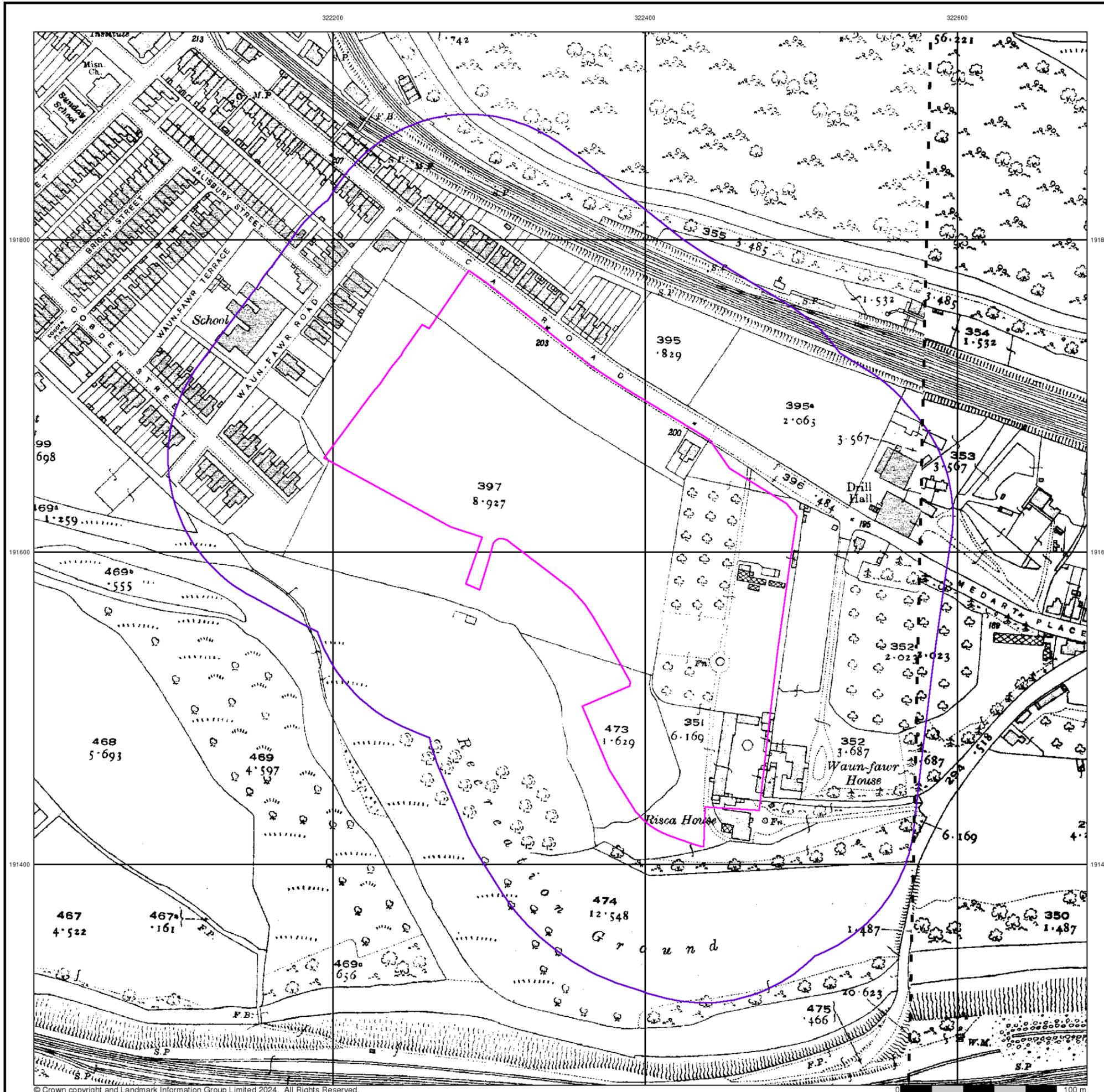
Order Number: 345887439_1_1
Customer Ref: TF-24-238-CA JR
National Grid Reference: 322360, 191600
Slice: A
Site Area (Ha): 4.89
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Site Details

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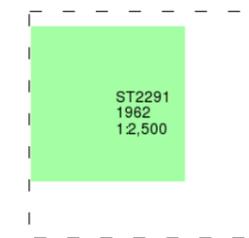
Ordnance Survey Plan

Published 1962

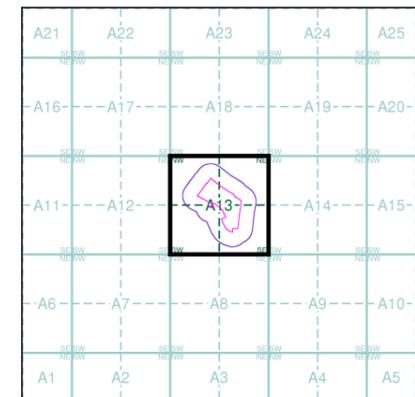
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

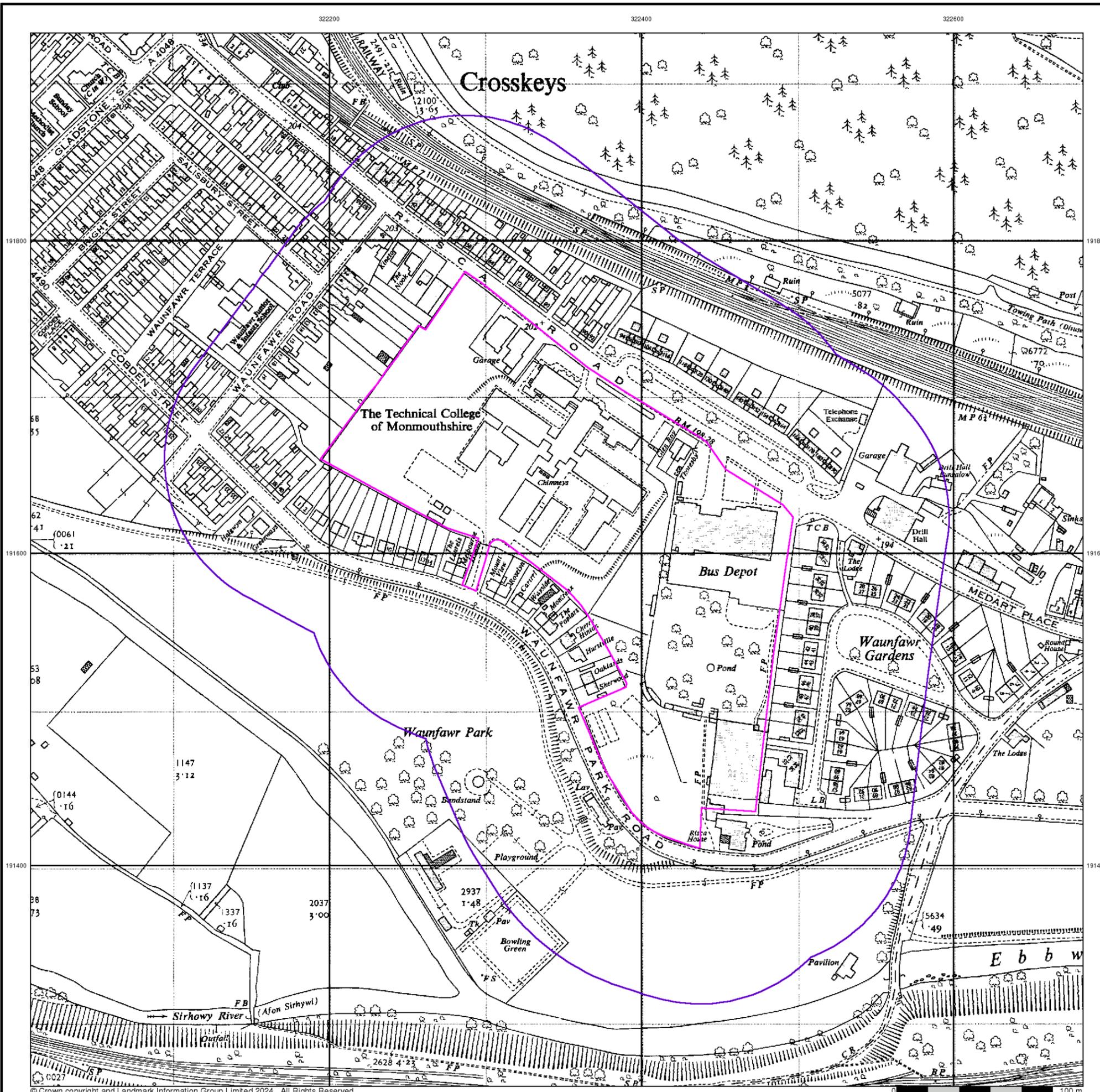
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Customer Ref: TF-24-238-CA JR
National Grid Reference: 322360, 191600
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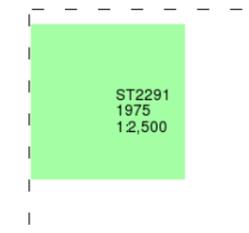
Supply of Unpublished Survey Information

Published 1975

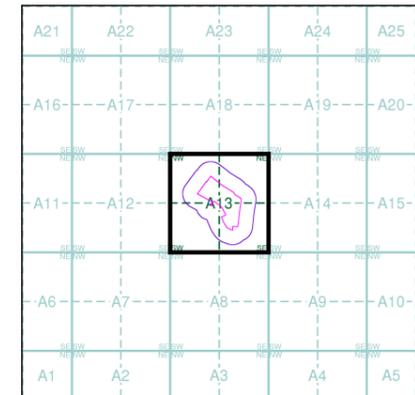
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

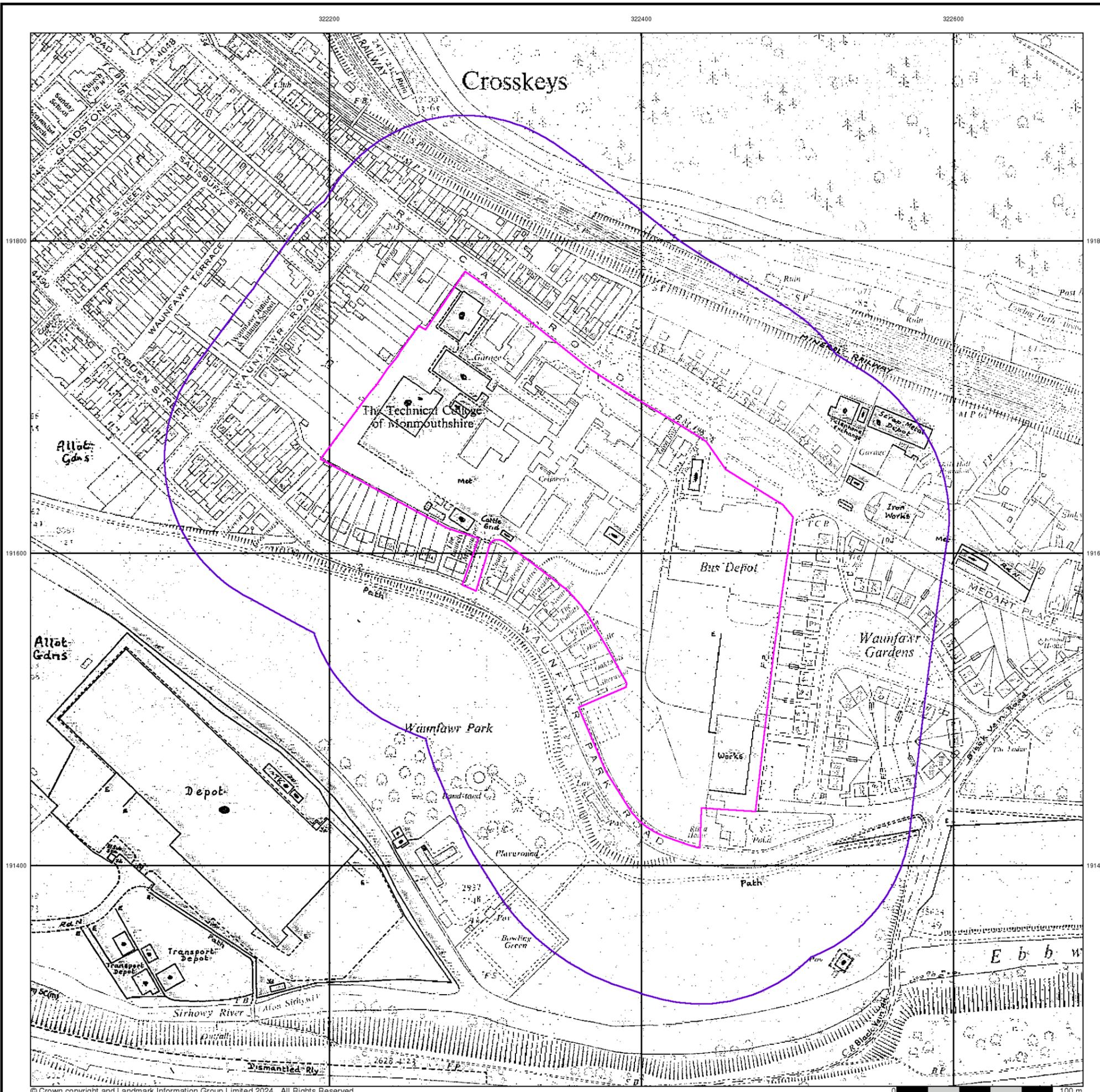
Order Number: 345887439_1_1
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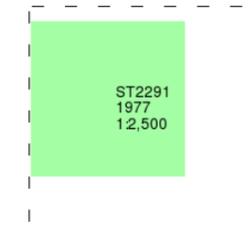
Additional SIMs

Published 1977

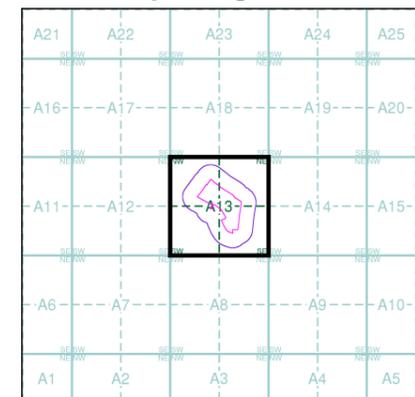
Source map scale - 1:2,500

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)



Historical Map - Segment A13



Order Details

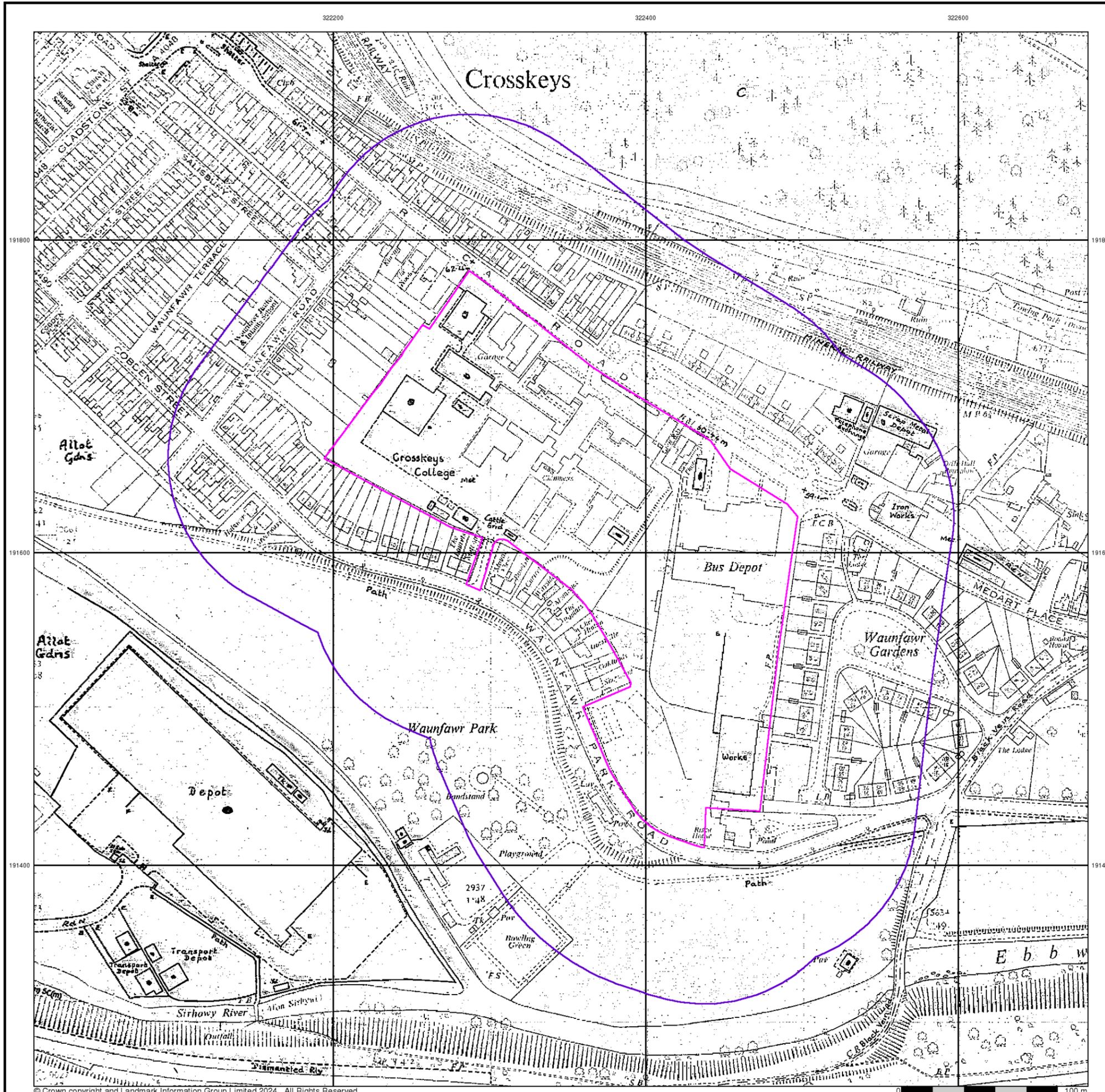
Order Number: 345887439_1_1
Customer Ref: TF-24-238-CA JR
National Grid Reference: 322360, 191600
Slice: A
Site Area (Ha): 4.89
Search Buffer (m): 100

Site Details

Site at 322370, 191630



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Ordnance Survey Plan

Published 1980

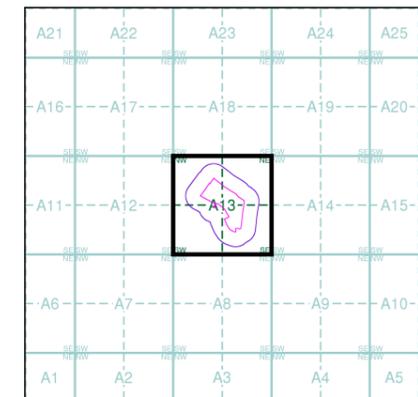
Source map scale - 1:1,250

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)

ST2291NW 1980 1:1,250	ST2291NE 1980 1:1,250
	ST2291SE 1980 1:1,250

Historical Map - Segment A13



Order Details

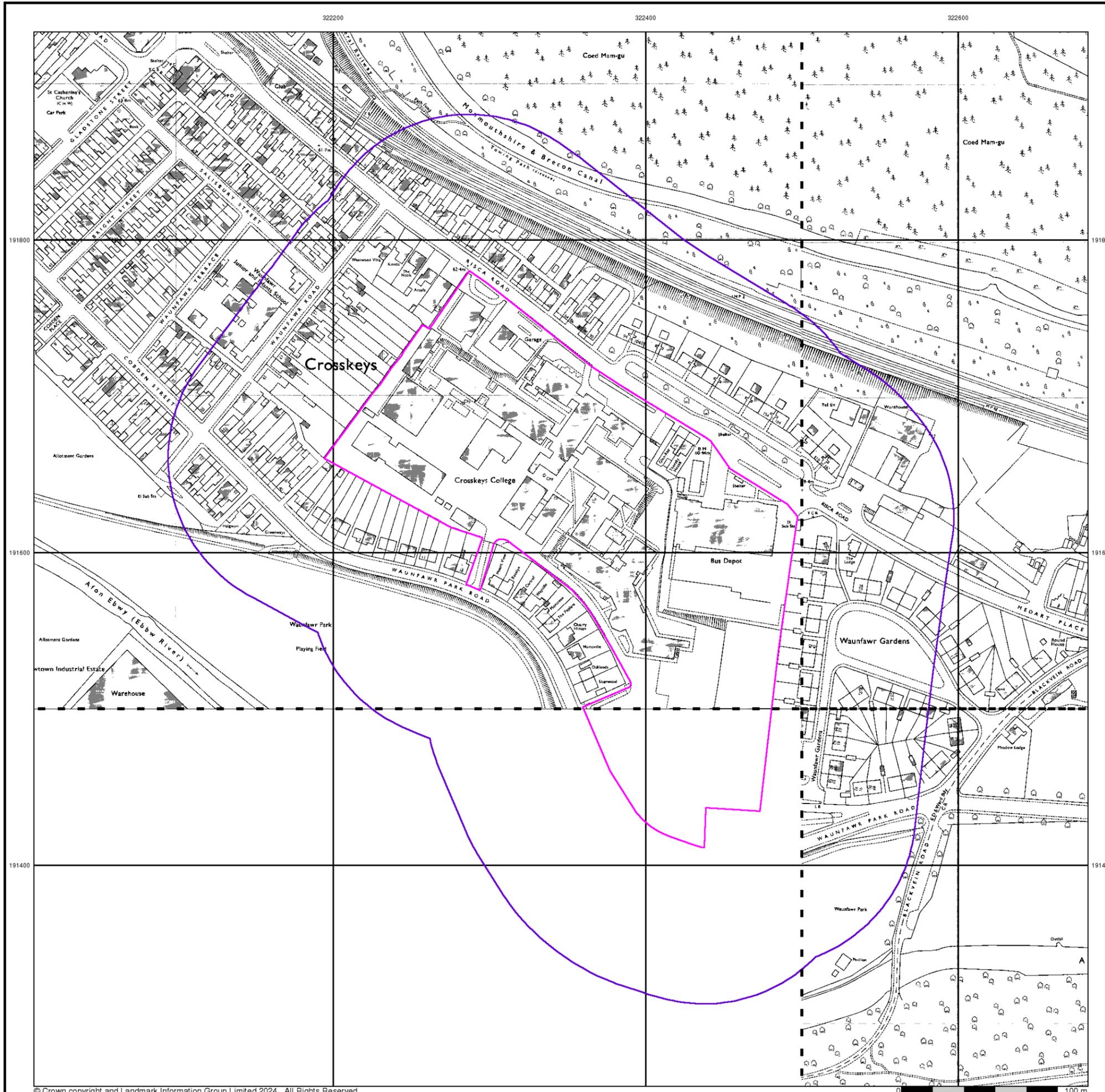
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 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 100

Site Details

Site at 322370, 191630



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322200

322400

322600

191800

191800

191600

191600

191400

191400



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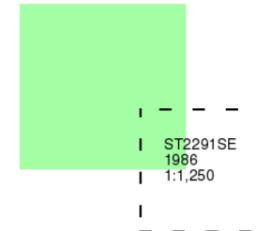
Additional SIMs

Published 1986

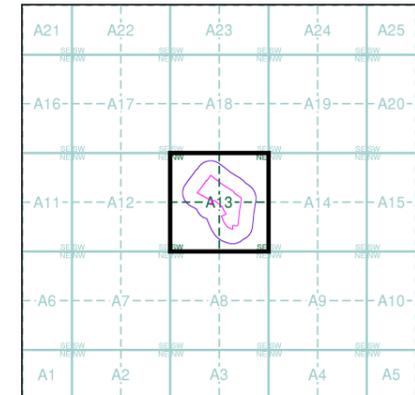
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

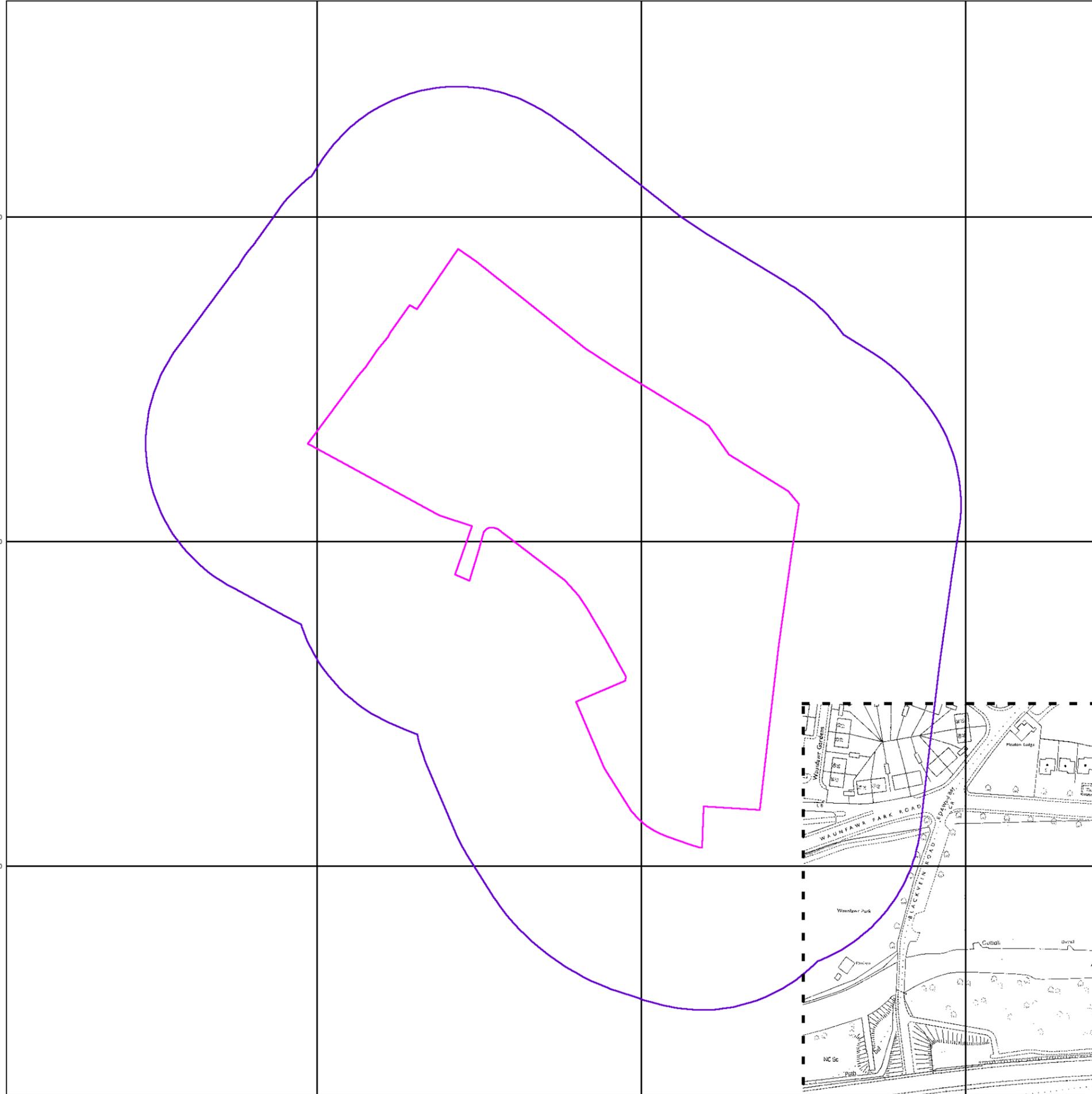
Order Number: 345887439_1_1
Customer Ref: TF-24-238-CA JR
National Grid Reference: 322360, 191600
Slice: A
Site Area (Ha): 4.89
Search Buffer (m): 100

Site Details

Site at 322370, 191630



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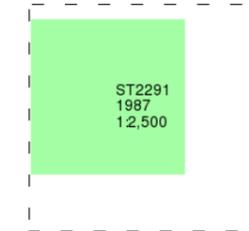
Additional SIMs

Published 1987

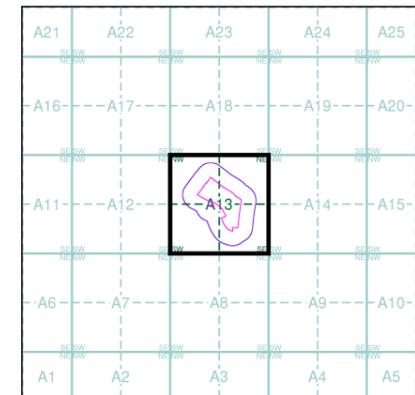
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

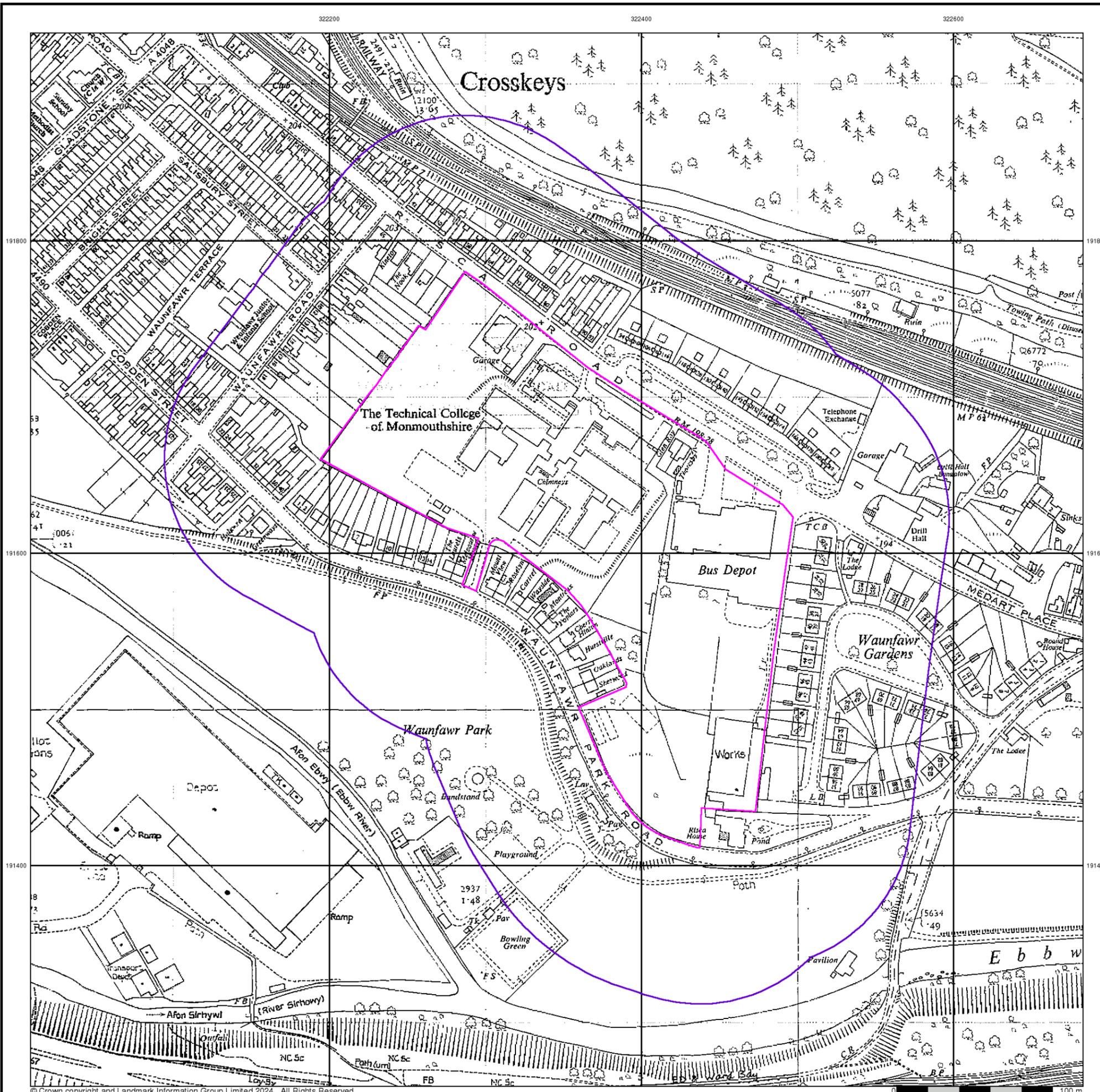
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Customer Ref: TF-24-238-CA JR
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Large-Scale National Grid Data

Published 1993

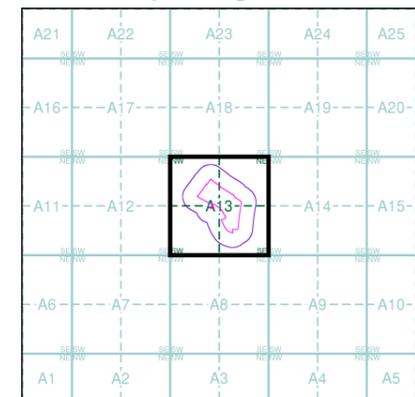
Source map scale - 1:1,250

'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)

ST2291NW 1993 1:1,250	ST2291NE 1993 1:1,250
ST2291SW 1993 1:1,250	ST2291SE 1993 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
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Site Details

Site at 322370, 191630



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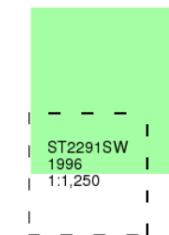
Large-Scale National Grid Data

Published 1996

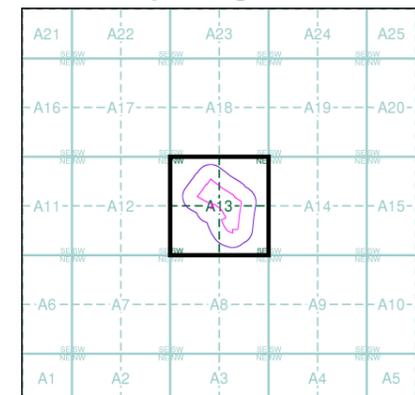
Source map scale - 1:1,250

'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

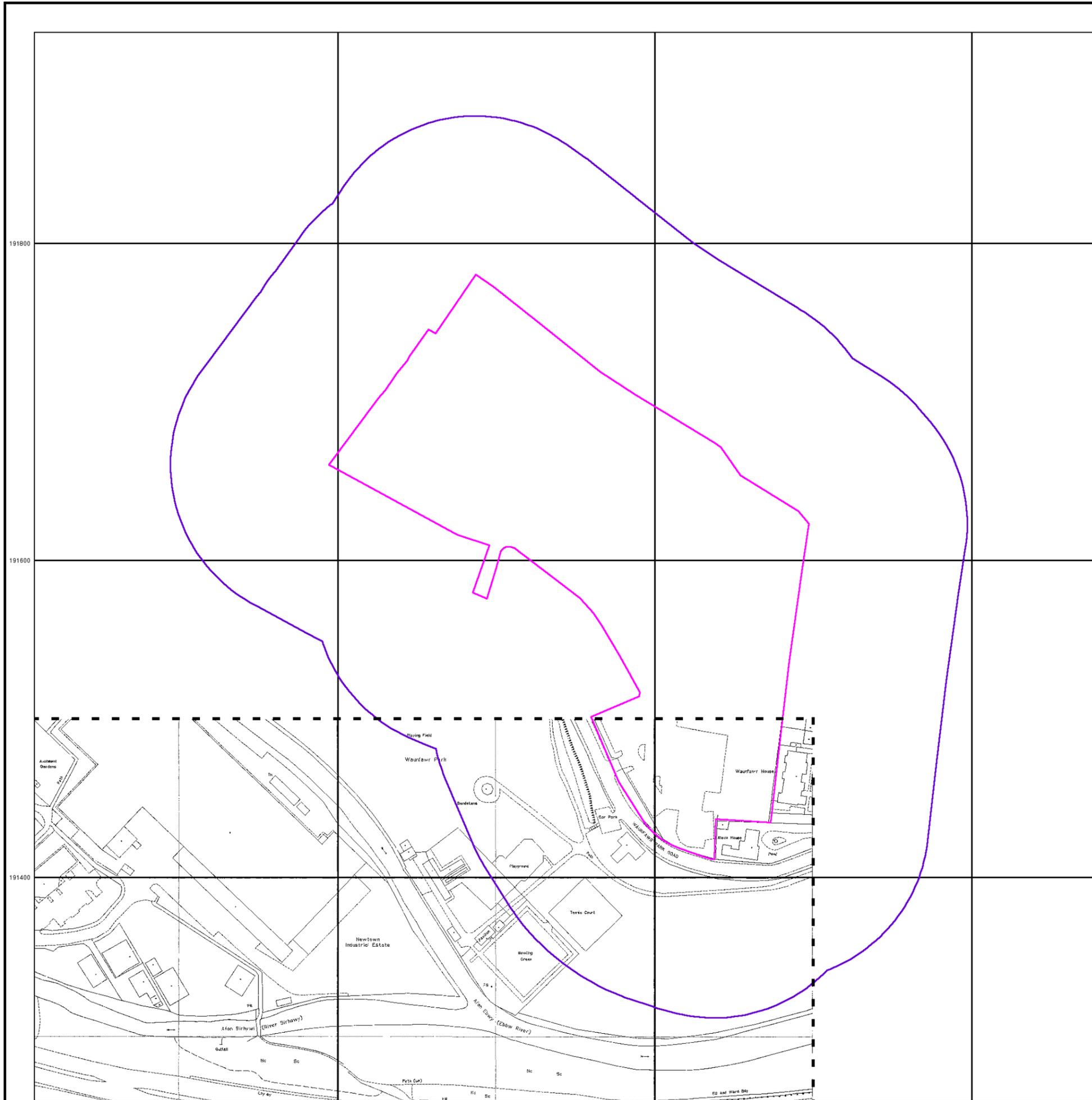
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Customer Ref: TF-24-238-CA JR
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Slice: A
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Site Details

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322200

322400

322600

191800

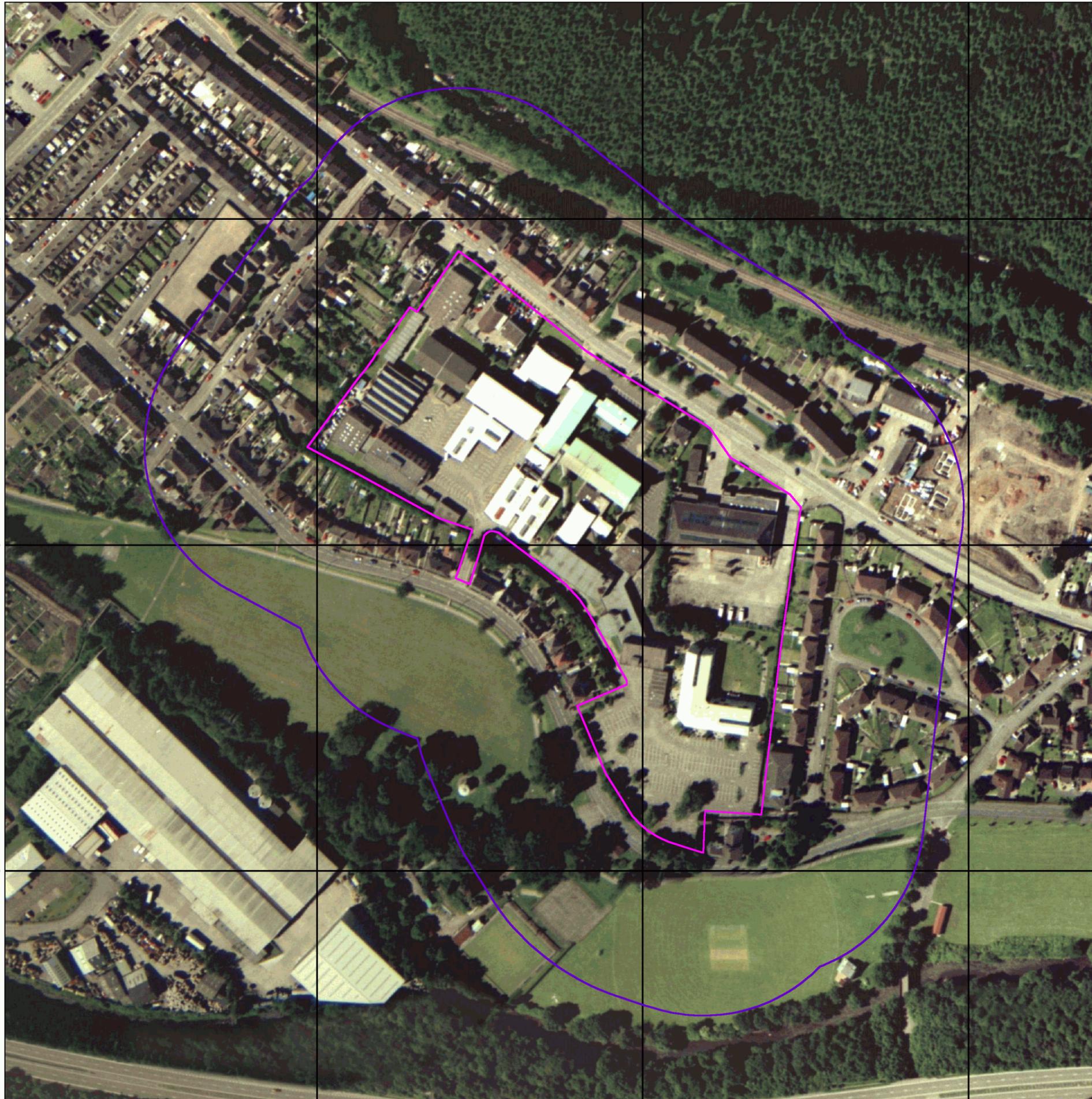
191800

191600

191600

191400

191400



© Copyright Getmapping plc

0 100 m



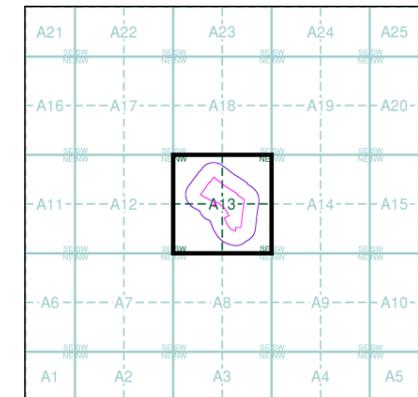
Geotechnical & Geoenvironmental Specialists

Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 345887439_1_1
 Customer Ref: TF-24-238-CA JR
 National Grid Reference: 322360, 191600
 Slice: A
 Site Area (Ha): 4.89
 Search Buffer (m): 100

Site Details

Site at 322370, 191630



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ANNEX B
Coal Authority Mining Report

DRAFT



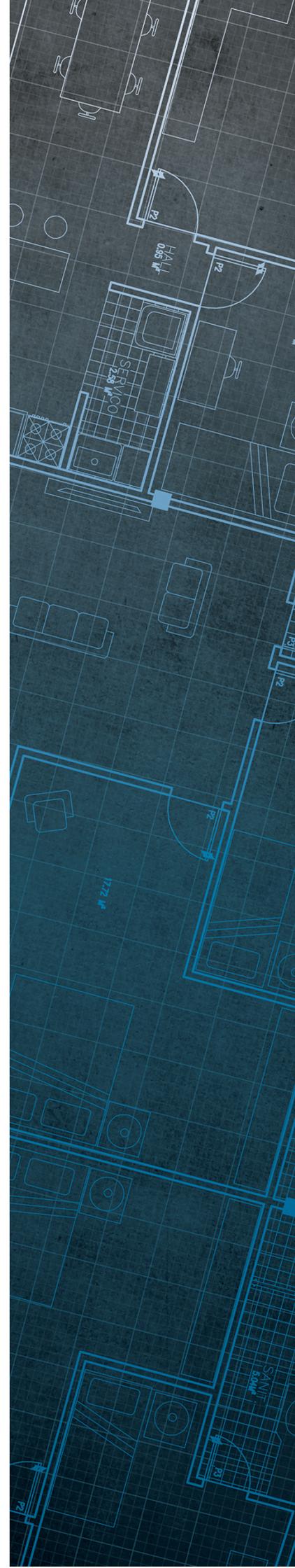
The Coal
Authority

Consultants Coal Mining Report

Site At 322370, 191630
Caerphilly

Date of enquiry: 8 May 2024
Date enquiry received: 8 May 2024
Issue date: 8 May 2024

Our reference: 51003423088001
Your reference: 345887439_2



Consultants Coal Mining Report

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

Client name

NLIS Hub

Enquiry address

Site At 322370, 191630
Caerphilly

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

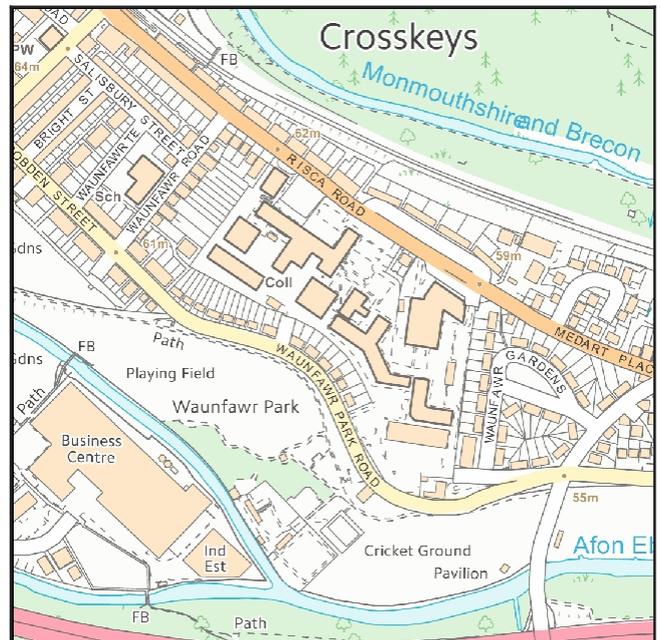
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	UPPER SIX FEET	Coal	41VJ	98	Beneath Property	5.2	West	180	1914
unnamed	UPPER SIX FEET	Coal	41VH	106	South-East	6.7	North	270	1884
unnamed	FOUR FOOT	Coal	41VM	107	South-East	6.7	North	130	1884
unnamed	LOWER NINE FOOT	Coal	41VE	126	Beneath Property	18.4	North-West	240	1846
unnamed	FIVE FOOT GELLIDEG	Coal	41V6	147	South-East	18.4	North-West	100	1894
unnamed	FIVE FOOT GELLIDEG	Coal	41V4	163	East	6.9	West	167	1894
unnamed	SEVEN FOOT RIDER	Coal	41V7	164	North-East	6.6	West	186	1928
unnamed	SEVEN FOOT RIDER	Coal	41V8	181	Beneath Property	18.4	North-West	193	1894

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

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

SWA3075	R327A	SWR1418
SWR918	SWA917	2208A
PO0	2208	SWR1417

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

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

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
CLEMENT	Coal	Yes	Within	N/A	59
NO.2 RHONDDA	Coal	Yes	Within	N/A	69

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

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

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

Distance to gas incident/remediation (m)	Direction
202.4	South-East

See Section 4 for further information.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Development advice

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

Mine gas remedial works

The site is within an area of previous interest. It is close to where the Coal Authority has investigated and subsequently remediated the effects of mine or ground gas emissions following specific reported hazards.

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

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

Section 5 – Data definitions

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

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

Withdrawal of support notices

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

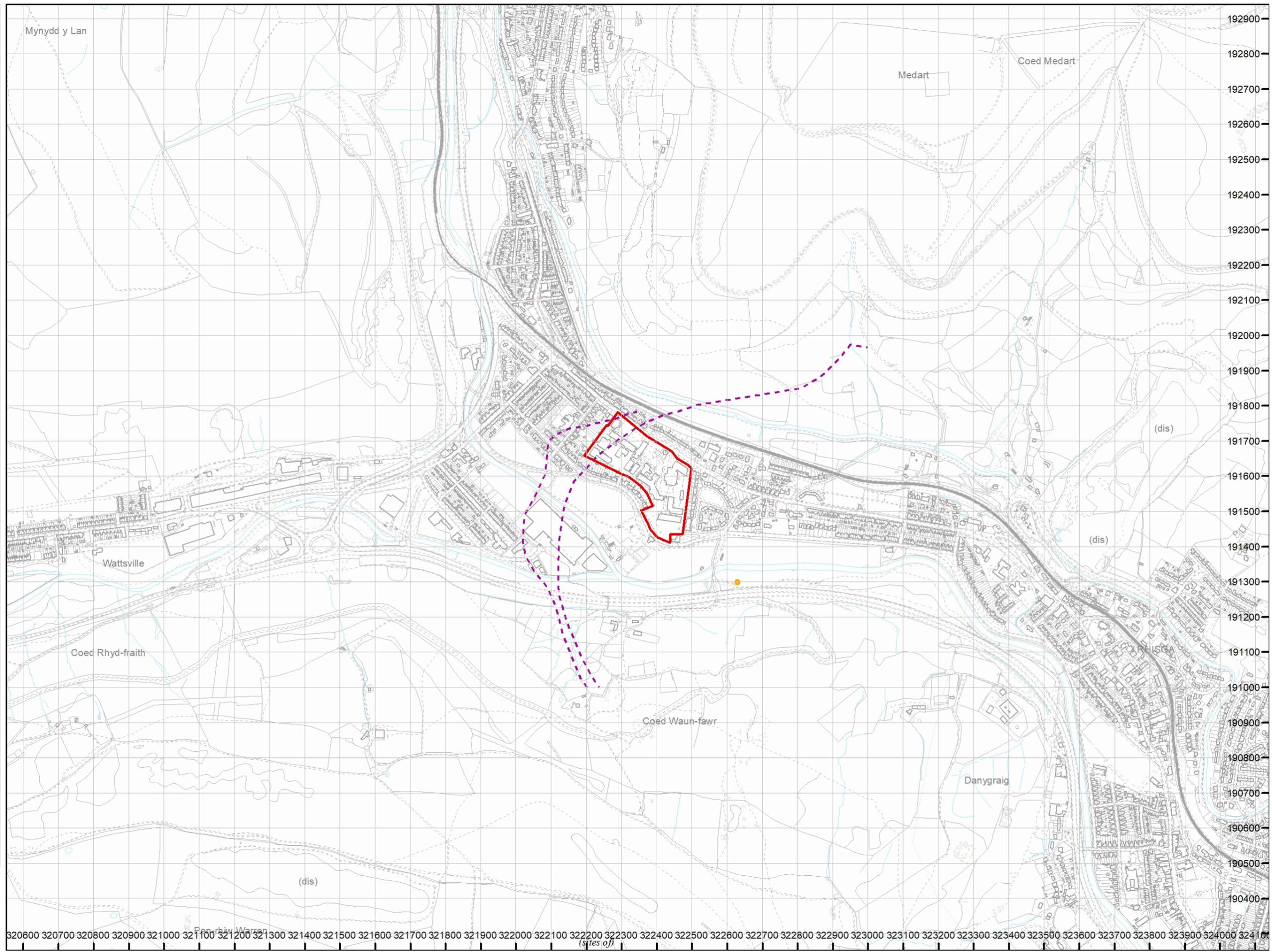
Payment to owners of former copyhold land

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

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

Key

- Approximate position of the enquiry boundary shown 
- Outcrop (Conjectured) 
- Mine gas remedial works 

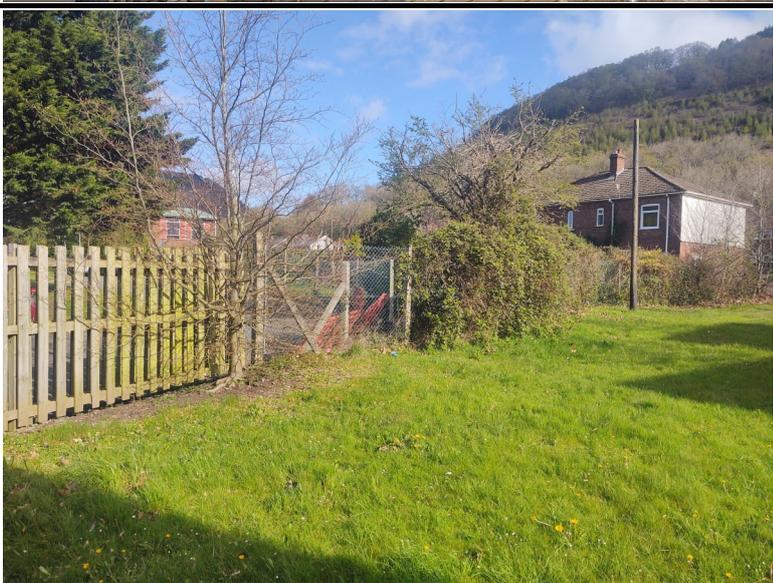


How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com

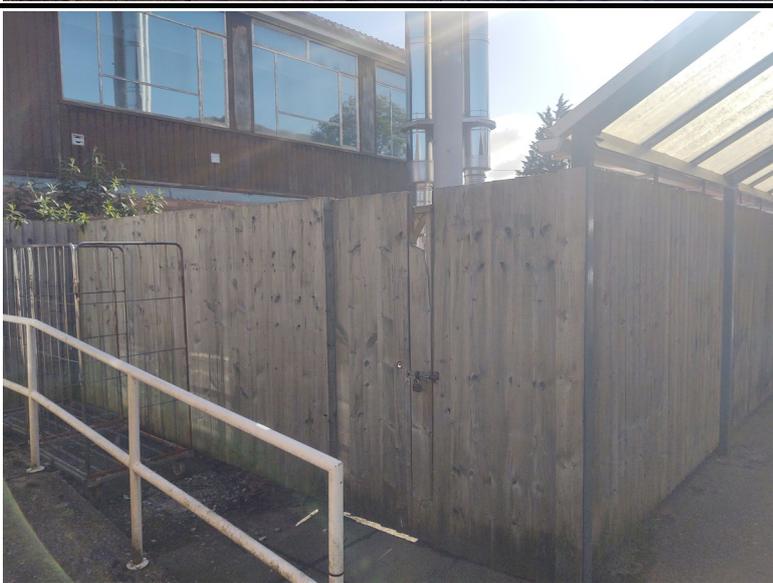
ANNEX C
Site Walkover Photographs

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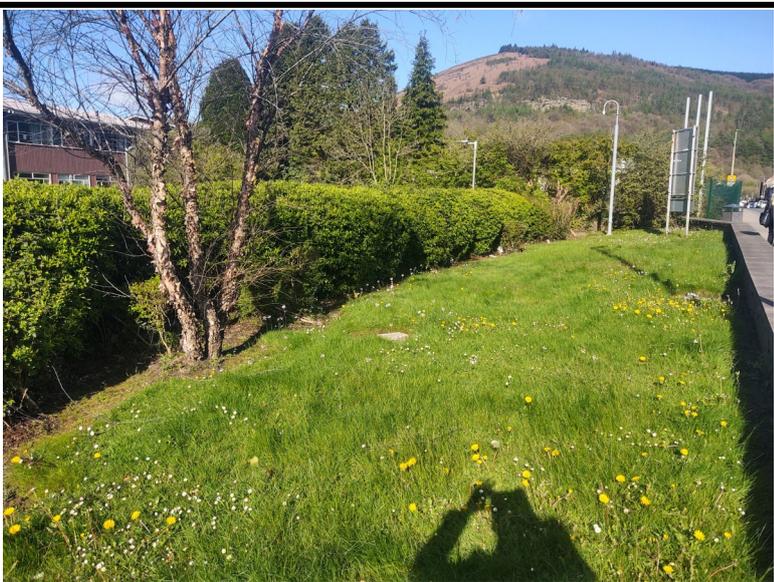
SITE PHOTOGRAPHS

Photo No: 01	
Date: 16/04/24	
Description: Storage building.	
Photo No: 02	
Date: 16/04/24	
Description: Area of land in front of Block B.	
Photo No: 03	
Date: 16/04/24	
Description: Area outside Block X.	

SITE PHOTOGRAPHS

Photo No: 04	
Date: 16/04/24	
Description: Area outside Block X.	
Photo No: 05	
Date: 16/04/24	
Description: Boiler room chimney.	
Photo No: 06	
Date: 16/04/24	
Description: Boiler room area.	

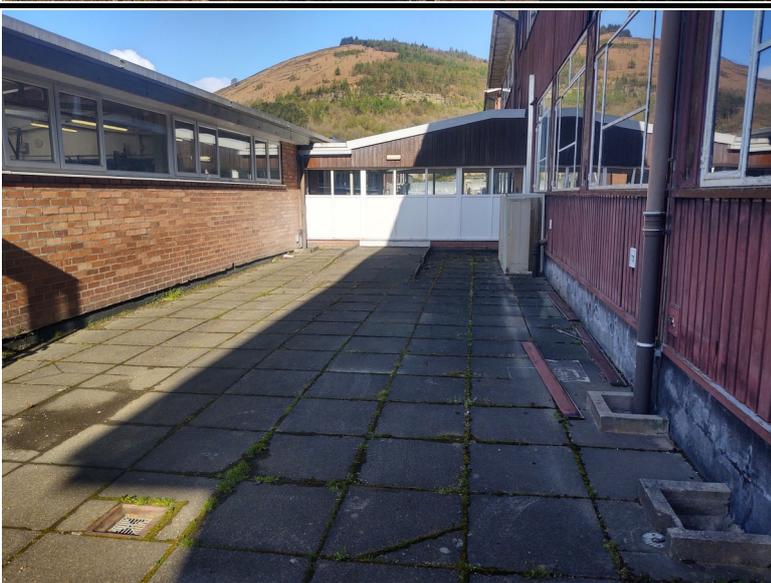
SITE PHOTOGRAPHS

<p>Photo No: 07</p>	
<p>Date: 16/04/24</p>	
<p>Description: Boundary along Risca Road.</p>	
<p>Photo No: 08</p>	
<p>Date: 16/04/24</p>	
<p>Description: Vegetated area between site and Risca Road.</p>	
<p>Photo No: 09</p>	
<p>Date: 16/04/24</p>	
<p>Description: Car park at site entrance.</p>	

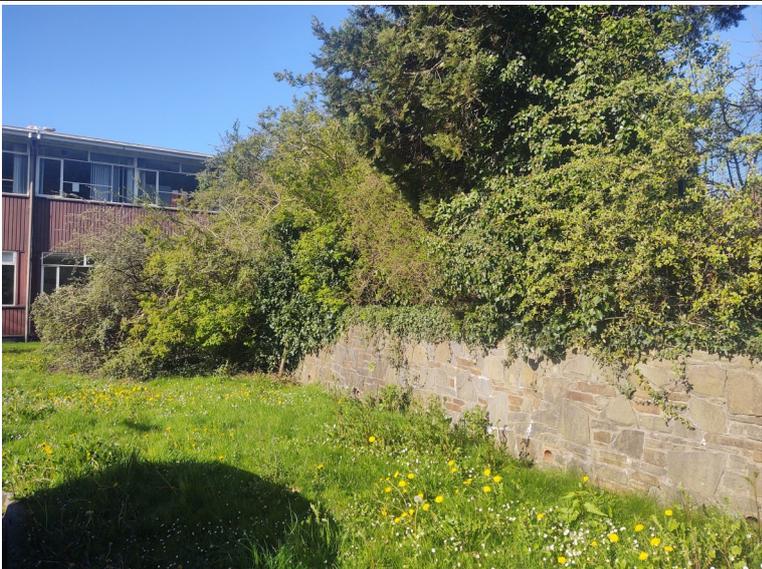
SITE PHOTOGRAPHS

<p>Photo No: 10</p>	
<p>Date: 16/04/24</p>	
<p>Description: Unused vegetated land between site and neighbouring gardens.</p>	
<p>Photo No: 11</p>	
<p>Date: 16/04/24</p>	
<p>Description: Electric car charging station in northern car park.</p>	
<p>Photo No: 12</p>	
<p>Date: 16/04/24</p>	
<p>Description: Entrance to Block B.</p>	

SITE PHOTOGRAPHS

<p>Photo No: 13</p>	
<p>Date: 16/04/24</p>	
<p>Description: Lawn located in front of Block B.</p>	
<p>Photo No: 14</p>	
<p>Date: 16/04/24</p>	
<p>Description: Houses backing onto site from Risca Road.</p>	
<p>Photo No: 15</p>	
<p>Date: 16/04/24</p>	
<p>Description: Rear of Block F.</p>	

SITE PHOTOGRAPHS

<p>Photo No: 16</p>	
<p>Date: 16/04/24</p>	
<p>Description: Access road into site car park.</p>	
<p>Photo No: 17</p>	
<p>Date: 16/04/24</p>	
<p>Description: Boundary wall in northern car park.</p>	
<p>Photo No: 18</p>	
<p>Date: 16/04/24</p>	
<p>Description: Site entrance.</p>	

SITE PHOTOGRAPHS

Photo No: 19	
Date: 16/04/24	
Description: Site exit.	
Photo No: 20	
Date: 16/04/24	
Description: Allotment gardens in north of site.	
Photo No: 21	
Date: 16/04/24	
Description: Are for temporary parking located off Risca Road.	

SITE PHOTOGRAPHS

Photo No: 22	
Date: 16/04/24	
Description: Area of land between Block J and Block K.	
Photo No: 23	
Date: 16/04/24	
Description: Area outside Block K.	
Photo No: 24	
Date: 16/04/24	
Description: Automotive workshop in Block C.	

SITE PHOTOGRAPHS

<p>Photo No: 25</p>	
<p>Date: 16/04/24</p>	
<p>Description: Bicycle storage at Block T.</p>	
<p>Photo No: 26</p>	
<p>Date: 16/04/24</p>	
<p>Description: Block A automotive workshops.</p>	
<p>Photo No: 27</p>	
<p>Date: 16/04/24</p>	
<p>Description: Block G and external area.</p>	

SITE PHOTOGRAPHS

<p>Photo No: 28</p>	
<p>Date: 16/04/24</p>	
<p>Description: Southern side of Block T.</p>	
<p>Photo No: 29</p>	
<p>Date: 16/04/24</p>	
<p>Description: Block X entrance.</p>	
<p>Photo No: 30</p>	
<p>Date: 16/04/24</p>	
<p>Description: Block Z from site entrance.</p>	

SITE PHOTOGRAPHS

Photo No: 31	
Date: 16/04/24	
Description: Southern boundary of site.	
Photo No: 32	
Date: 16/04/24	
Description: Car park between Block J and Block E.	
Photo No: 33	
Date: 16/04/24	
Description: Block X car park.	

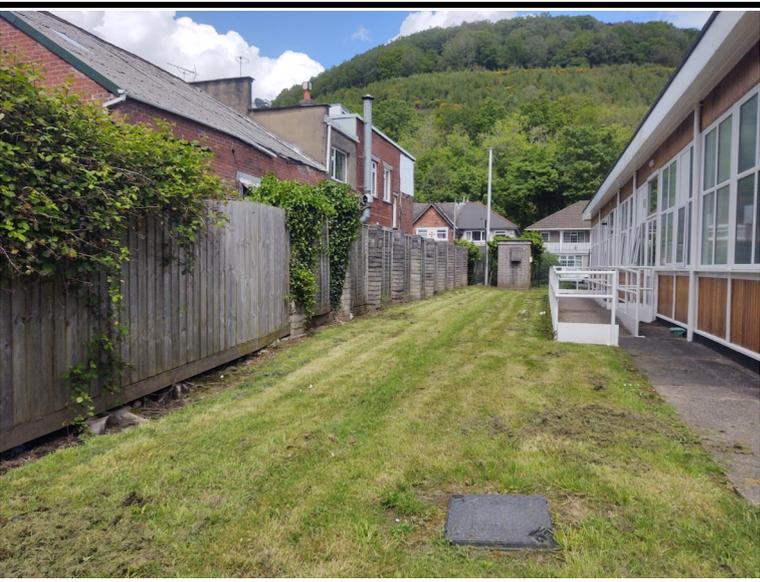
SITE PHOTOGRAPHS

<p>Photo No: 34</p>	
<p>Date: 16/04/24</p>	
<p>Description: Car park at south of site.</p>	
<p>Photo No: 35</p>	
<p>Date: 16/04/24</p>	
<p>Description: Car storage area to north of site.</p>	
<p>Photo No: 36</p>	
<p>Date: 16/04/24</p>	
<p>Description: Car storage area to north of Block C.</p>	

SITE PHOTOGRAPHS

Photo No: 37	
Date: 16/04/24	
Description: Car park at south of site.	
Photo No: 38	
Date: 16/04/24	
Description: Entrance from Risca Road at Block X.	
Photo No: 39	
Date: 16/04/24	
Description: Entrance to Block R.	

SITE PHOTOGRAPHS

<p>Photo No: 40</p>	
<p>Date: 16/04/24</p>	
<p>Description: Car park at south of site.</p>	
<p>Photo No: 41</p>	
<p>Date: 16/04/24</p>	
<p>Description: Lawn to north of Block Z.</p>	
<p>Photo No: 42</p>	
<p>Date: 16/04/24</p>	
<p>Description: Residential building to south of site.</p>	

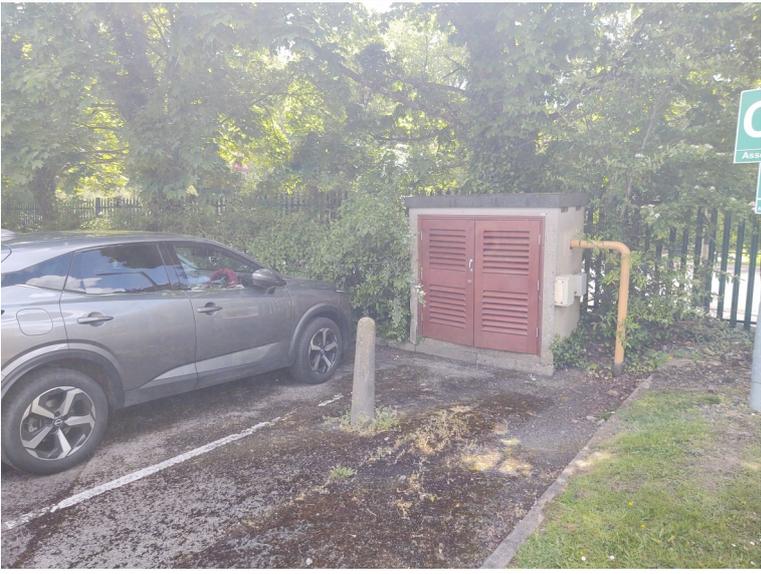
SITE PHOTOGRAPHS

<p>Photo No: 43</p>	
<p>Date: 16/04/24</p>	
<p>Description: Houses beyond site boundary.</p>	
<p>Photo No: 44</p>	
<p>Date: 16/04/24</p>	
<p>Description: Site entrance from Waunfawr Park Road.</p>	
<p>Photo No: 45</p>	
<p>Date: 16/04/24</p>	
<p>Description: View of Waunfawr Park Road from site.</p>	

SITE PHOTOGRAPHS

<p>Photo No: 46</p>	
<p>Date: 16/04/24</p>	
<p>Description: Skip and storage area to rear of Block J.</p>	
<p>Photo No: 47</p>	
<p>Date: 16/04/24</p>	
<p>Description: Southwest face of Block R.</p>	
<p>Photo No: 48</p>	
<p>Date: 16/04/24</p>	
<p>Description: Chemical storage building southwest of Block C.</p>	

SITE PHOTOGRAPHS

<p>Photo No: 49</p>	
<p>Date: 16/04/24</p>	
<p>Description: Services cabinet in car park at southwest of site.</p>	
<p>Photo No: 50</p>	
<p>Date: 16/04/24</p>	
<p>Description: Services cabinet to rear of Block Z.</p>	
<p></p>	
<p></p>	
<p></p>	

ANNEX D
Risk Assessment Definitions

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

Part 2A was introduced to achieve three overarching objectives:

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

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

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

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

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

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

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

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

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

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

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

Classification of Consequence

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

Classification of Probability

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

Risk Assessment Matrix

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

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

Description of Risks and Likely Actions

High Risk

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

Medium Risk

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

Low Risk

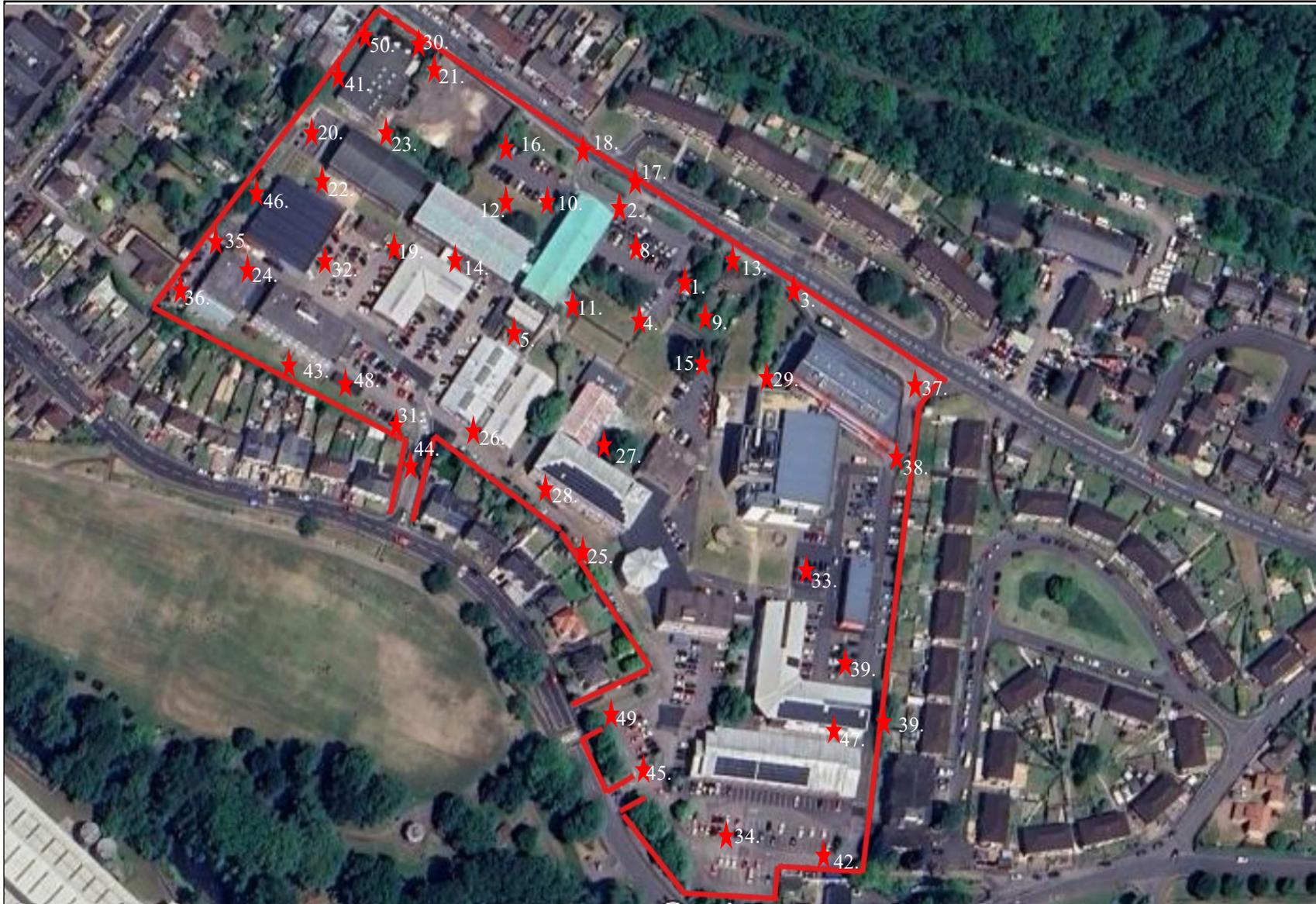
It is possible that harm may arise to a receptor, but it is likely that the harm would be mild.

Near Zero Risk

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

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Drawings



Site Name: Coleg Gwent Cross Keys College
Project Number: CA-24-155
Drawing Title: Drawing 01 - Photograph Locations
Scale: Not to scale

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