

**Geotechnical and Geo-Environmental
Report:**

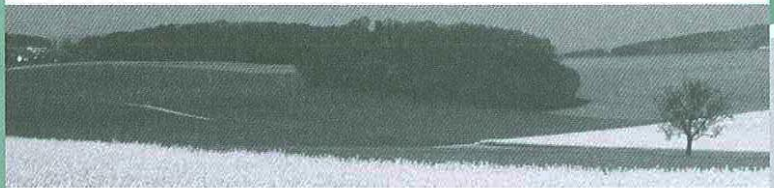
Proposed Residential Development
Aneurin Crescent
Merthyr Tydfil

PREPARED FOR:

Merthyr Valley Homes Ltd

April 2019

Job No: 14925



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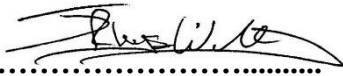
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REPORT TITLE : **Geotechnical and Geo-environmental Report: Proposed Residential Development, Aneurin Crescent, Merthyr Tydfil**

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Executive Summary

Site Location and Proposed Development	Merthyr Valley Homes Ltd is proposing the development of seven residential units at Aneurin Crescent, Merthyr Tydfil. The development site is irregular in shape and locates to the north of Aneurin Crescent. The site centres on an approximate National Grid Reference of 305780, 205400, occupying a plan area of approximately 0.17 Hectares.
Site History	Since the earliest map edition, the site has remained undeveloped field land or in later years designated as public open space. By 1951 historical map evidence shows the development of residential housing to the east, west and south of the site.
Geology	The 1:10560 scale geological map of the area (SO00NE) was consulted for geology underlying the site. The site is shown to be underlain by the South Wales Lower Coal Measures Formation which is Carboniferous in age. The rocks comprise mudstone, sandstone and siltstone with seatearth and coal. Superficial deposits are recorded as Till with an anticipated thickness of 2.00m. Made ground associated with the development of adjacent residential housing may be encountered at the site.
Radon	No radon protective measures are required for new developments on the investigation site.
Coal Mining Risk Assessment	Intrusive investigation has confirmed that no shallow mining is located beneath the site. The risk to the development from past shallow mining is therefore considered negligible.
Ground Conditions	Superficial deposits comprising soft brown clayey SILT overlies firm to stiff brown slightly sandy slightly gravelly CLAY at a typical depth of 0.20-1.00m. Made ground soil to a thickness of 1.50m were recorded locally.
Laboratory Chemical Testing	Asbestos in the form of Chrysotile was identified in one sample from trial pit TP05 at 0.20m depth. Asbestos quantification recorded a total mass of 0.027% comprising board fragments. Potentially respirable fibre analyses recorded a null result ruling out the effectiveness and appropriateness of an asbestos risk assessment. Remediation of the site will be required. All other substances tested for were found to be present at concentrations below their respective human health threshold levels for a residential setting with home grown produce.
Foundation Solution	Traditional strip/trench fill foundations will be economically suitable for the proposed development. The above foundations should be founded within the firm to stiff brown CLAY at a depth of approximately 0.20m to 1.50m. An allowable bearing pressure of 100kN/m² may be used. Floor slabs should be designed as suspended.

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Drawing 01 Proposed Site Layout

SECTION 1 Introduction and Proposed Development

1.1 Introduction

Merthyr Valley Homes Ltd is proposing the development of seven residential units at Aneurin Crescent, Merthyr Tydfil.

Blackburn Griffiths Ltd is the Consulting Civil and Structural Engineers for the project.

Terra Firma (Wales) Limited have been commissioned by Blackburn Griffiths Ltd on behalf of Merthyr Valley Homes Ltd to undertake a geo-environmental assessment and geotechnical investigation of the site.

The main objectives of the geo-environmental assessment programme were to:

- Investigate the potential environmental liabilities at the site associated with any soil contamination
- Provide a summary of the environmental conditions at the site, together with any necessary further intrusive works and / or remediation works to render the site fit for its intended use

The main objectives of the geotechnical site investigation were to:

- Determine the type, strength and bearing characteristics of the shallow superficial and underlying solid geology
- Provide engineering foundation and floor slab recommendations for the development
- Determine the risk, if any from past shallow underground mining
- Provide recommendations with regard to any other geotechnical aspects pertaining to the development such as past mining

In order to achieve the above objectives, Terra Firma (Wales) Limited carried out an assessment programme including a site walkover, a review of existing data, followed by a field investigation to collect geotechnical and environmental data from selected locations.

1.2 Limitations and Exceptions of Investigation

Merthyr Valley Homes Ltd has requested that a Geo-environmental Site Assessment (GSA) and Geotechnical Investigation (GI) be performed in order to determine if contamination is present beneath the site and to determine an appropriate foundation and floor slab solution for the proposed development.

The GSA and GI were conducted and this report has been prepared for the sole internal reliance of Merthyr Valley Homes Ltd and its design and construction team. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Terra Firma (Wales) 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 geo-environmental and geotechnical consultants. Terra Firma (Wales) Limited does not provide legal advice and the advice of lawyers may be required.

The subsurface geological profiles, any contamination and other plots are generalised by necessity and have been based on the information found at the locations of the exploratory holes and depths sampled and tested.

SECTION 2 Review of Existing Data

2.1 Physical Setting and Current Site Use

The development site is irregular in shape and locates to the north of Aneurin Crescent. The site centres on an approximate National Grid Reference of 305780 205400, occupying a plan area of approximately 0.17 Hectares.

The site is currently designated as public open space bound to the east and west by Jowett Avenue and Wheatley Place respectively. Greenwood Close Sheltered Housing is located immediately to the north and Aneurin Crescent to the south. The local area largely comprises residential housing.

The site elevation is approximately 210m AOD and steeply slopes down towards the west.

The site location can be seen on **Figure 2.1** along with the proposed site layout on **Drawing 01**.

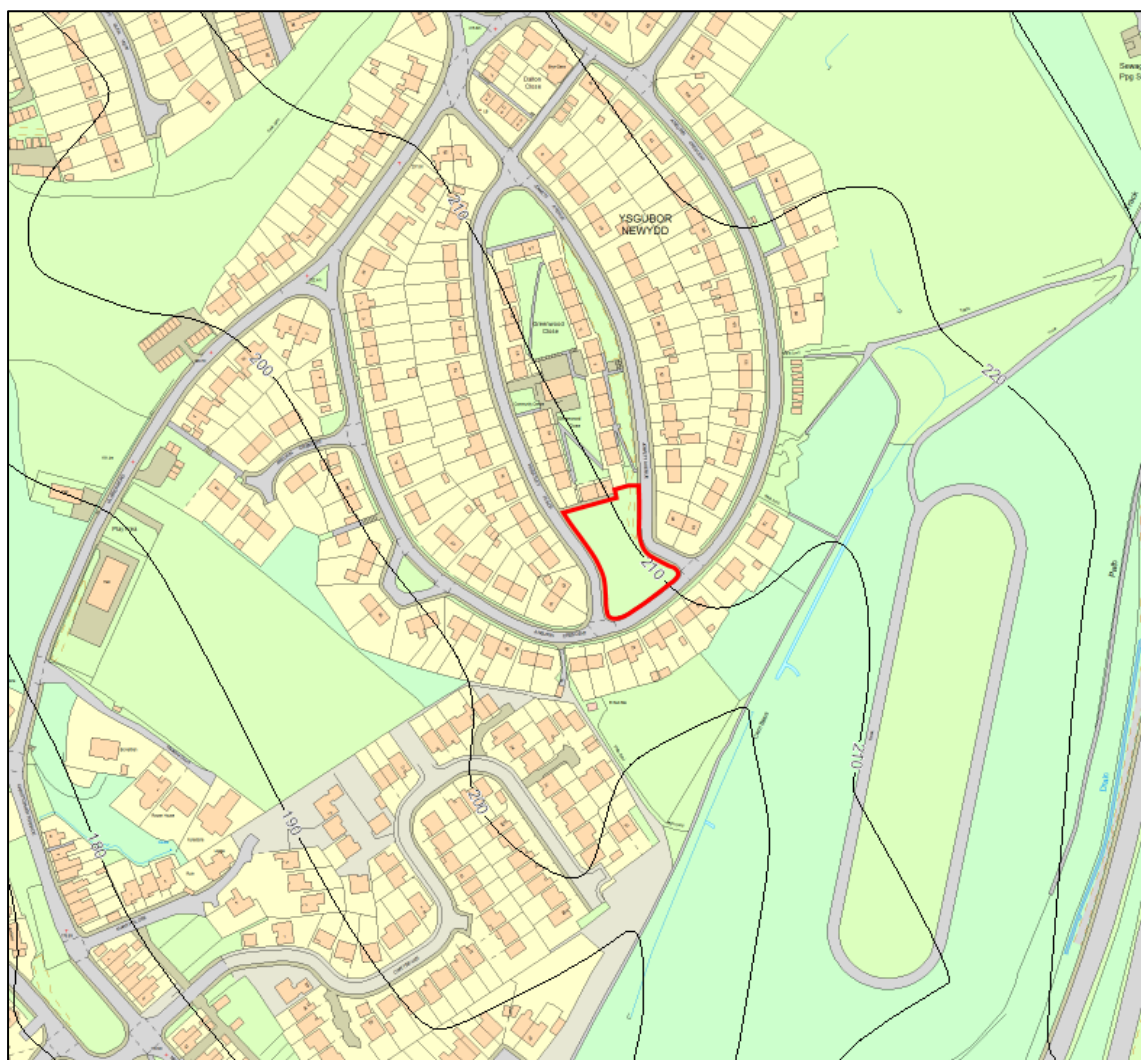


Figure 2.1 Site Location

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 below. Distances are approximate, and any changes in-between map editions may not be recorded

Table 2.1 Historical Development from Map Information

Map Edition and Scale	Key Features on Site	Key Features off Site
1875 1:528	Field land occupies the majority of the site. An area of woodland is located to the far northwest corner. A circular earthworks feature is present towards the south east.	The wider area comprises woodland and field land. Further circular earthwork features locate 14m south, 26m west, 46m northwest, 112m northwest. Larger earthworks features are present 40m east amongst woodland. Nant Cwm Blacks locates 90m southeast and flows in a south-westerly direction. Numerous Old Coal Levels, Air shafts, Earthworks and Shafts located to the east of Nant Cwm Blacks.
1985 1:10560	The site remains unchanged.	The surrounding area remains unchanged.
1900 1:2500	Circular earthwork features are no longer present on site	The surrounding area remains unchanged.
1919 1:1250	The site remains unchanged.	An Isolation Hospital is located 130m southwest.
1938 1:10560	The site remains unchanged.	The immediate surrounding area remains unchanged.
1951 1:10560	The site is now public open space confined between Jowett Avenue, Wheatley and Aneurin Crescent.	The wider area is developed with residential housing.
1957 1:1250	The site remains unchanged.	The immediate surrounding area remains unchanged.
1969 1:1250	The site remains unchanged.	Greenwood Close has been developed to the north of the site.
1975 1:1250	The site remains unchanged.	The immediate surrounding area remains unchanged.
1981 1:1250	The site remains unchanged.	The Hospital to the southwest has extended.
2000 Ariel Photograph	The site remains unchanged.	The immediate surrounding area remains unchanged.
2006 1:10000	The site remains unchanged.	Hospital to southwest has been removed.
2018 1:10000	The site remains unchanged.	Site of previous hospital has been redeveloped with residential housing.

2.3 Geological Setting

2.3.1 Geology

The 1:10560 scale geological map of the area (SO00NE) was consulted for geology underlying the site. The site is shown to be underlain by the South Wales Lower Coal Measures Formation which is Carboniferous in age. The rocks comprise mudstone, sandstone and siltstone with seatearth, coal and ironstone.

Bedrock is shown to dip approximately 3° to the southeast in the local area.

The inferred Gellideg coal seam outcrops on site towards the furthest northwest corner, striking north-northeast, dipping beneath the site towards the southeast.

Superficial deposits are recorded as Till with an anticipated thickness of 2.00m.

Made ground associated with the development of adjacent residential housing may be encountered at the site.

2.3.2 Radon

The Envirocheck Report (**Annex A**) details that the site is in a lower probability radon area, as less than 1% of homes are estimated to be at or above the action level.

No radon protective measures are required for new developments on the investigation site.

2.3.3 Coal Mining

The Coal Authority Report states that the property is not within an area that could be affected by recorded past underground mining. However, the Authority believes that there is coal at or close to the surface which may have been worked in the past.

The Report states there are no known mine entries within 20m of the site. There may however be mine entries in the local area which the Coal Authority has no knowledge of.

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

The Report states that the Coal Authority has not received a damage notice or claim for the property, or any property within 50m, for the affects of mining subsidence since 31st October 1994.

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

The Coal Authority Report is presented in **Annex B**. This report also highlights the site boundary.

2.3.4 Natural Hazards

The underlying geology is not prone to dissolution and the risk of natural cavities in the bedrock is considered negligible.

It is considered that no other significant natural hazards present a risk to the proposed development.

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 and Hydrology

The Envirocheck Report records the nearest surface water feature to locate 66m southeast. This feature comprises an inland river (Nant Cwm Blacks) within the Cynon, Ely, Rhondda catchment.

The topography of the site slopes steeply down towards the west.

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 bedrock deposits beneath the site have an aquifer designation of 'Secondary A'. These are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. Superficial deposits are designated as unproductive strata.

2.4.2 Groundwater

The Envirocheck Report does not place the site within a groundwater source protection zone.

There is no recorded groundwater abstraction point within 250m of the site.

2.4.3 Flooding

The Envirocheck Report records the site is not at risk from extreme flooding from rivers or sea.

BGS Flooding susceptibility maps indicate the site to have potential for groundwater flooding of property situated below ground level and to occur at surface.

2.4.4 Waste

There is no recorded historical or currently active landfill site within a 250m radius of the site.

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

2.4.5 Pollution

The Envirocheck Reports records no pollution incident to have occurred to controlled waters within 250m radius of the site.

2.4.6 Sensitive Land Use

The Envirocheck Report details the site is not located within a sensitive land use area.

2.4.7 Estimated Soil Chemistry

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

2.4.8 Potentially Infilled Land

The Envirocheck Report records a significant potentially infilled land feature 41m southeast of the site.

2.4.9 BGS Recorded Mineral Sites

Numerous BSG recorded mineral sites have previously operated within the local area. **Table 2.2** summarises mineral sites within 250m radius of the site.

Table 2.2 BGS Recorded Mineral Sites Summary				
Site Name	Distance/Direction from site	Type	Commodity	Status
Cwm Blacks Level	138m SE	Underground	Coal – Deep	Ceased
Cwm Blacks Workings	148m S	Underground	Coal - Deep	Ceased
Cwm Blacks Workings	148m S	Underground	Iron Ore – Ironstone	Ceased
Cwm Blacks Workings	193m S	Underground	Iron Ore – Ironstone	Ceased
Cwm Blacks Workings	193m S	Underground	Coal - Deep	Ceased

2.4.10 Industrial Land Use

One Contemporary trade directory entry is recorded within 250m of the site. A currently active Laundrette operates 213m west of the site.

SECTION 3 Preliminary Human Health and Environmental Risk Assessment

3.1 General

The contaminated land regime is set out in Part IIA 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 IIA was introduced to achieve two aims:

- (1) The identification of contaminated land
- (2) The remediation of contaminated land that poses an unacceptable risk to human health and/or the environment

Under Part IIA 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."

For land to be classified as 'Contaminated Land' there must be a 'pollutant linkage'.

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

3.2 Preliminary Site Conceptual Model

The preceding sections enable a preliminary conceptual model of the site to be drawn up, to illustrate the likely ground conditions beneath the site together with a preliminary assessment of the nature of any underlying aquifers and groundwater movement. The preliminary site conceptual model is used as a model for the design and implementation of the site investigation, whereby areas of potential contamination can be targeted as well as investigating the site as a whole.

3.3 Potential Sources of Contamination and Gas

The potential contamination beneath the site, whether in the matrix of soil or groundwater is related to the sites past use.

Since the earliest map edition, the site has remained undeveloped field land or in later years designated as public open space. By 1951 historical map evidence shows the development of residential housing to the east, west and south of the site. Given the proximity to the site of the adjacent structures made ground soils related to their construction may be present. Made ground soils if present may include waste building products or their by-products such as sulphates and asbestos containing materials. Other common determinants to consider include metals and polycyclic aromatic hydrocarbons.

A significant area of made ground soils has been identified 41m east of the development site. Historical maps confirm earthworks and subsequent made ground soils are associated with past mining activities in this area. Made ground soils are likely to comprise colliery spoil but the exact composition is unknown. It is therefore considered that made ground soils within close proximity of the site are a potential source of ground gas.

Although coal seams are expected at shallow depth beneath the site it is considered that potential gas generation from undisturbed seams would be negligible.

No radon protection measures are required for the proposed development.

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

3.4 Potential Receptors and Pollution Pathways

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

Construction workers will be excavating in soils and will be exposed via dermal contact with soils and dust, ingestion of soil dust and inhalation of soil dust and asbestos fibres, if present.

A residential end use is proposed. Once developed, future site users (residents and visitors) will potentially be at risk from contaminated soils through the same pathways as well as through consumption of site grown produce and potable drinking water.

Ground gas presents a risk to site end users through inhalation, asphyxiation and explosion.

Neighbouring site users and passers-by may potentially be exposed to soil dust and inhalation of potential asbestos fibres.

If contamination is identified it may be leachable, enabling it to mobilise through perched groundwater within site soils and impact on deeper groundwater or surface water.

A Preliminary Human Health and Environmental Risk Assessment summarises the above and is detailed in the **Table 3.1**.

3.5 Preliminary Human Health and Environmental Risk Assessment

Table 3.1 Preliminary Qualitative Human Health and Environmental Risk Assessment			
Potential Source	Potential Pathway	Potential Target	Preliminary Risk Assessment
Human Health			
Site Soil	Dermal contact with soil, ingestion of soil/soil dust, inhalation of soil dust/asbestos fibres	Construction workers	Low Risk COSHH assessment and good level of PPE/ hygiene by site workers/ staff; dust suppression measures if required. Potential made ground soils including asbestos
Site Soil	Dermal contact with soil, ingestion of soil/soil dust, inhalation of soil dust/asbestos fibres	Passers by/neighbouring site users	Low Risk Potential made ground soils including asbestos
Site Soil	Dermal contact with soil, ingestion of soil/soil dust or site grown vegetables, inhalation of soil dust/asbestos fibres	Site End Users – Residents and visitors.	Low Risk Potential made ground soils including asbestos
Radon Gas from underlying bedrock	Migration into indoor air	Site End Users – Residents and visitors.	No Risk Identified No radon protection measures required
Landfill gas	Migration through superficial deposits and bedrock and accumulation indoors	Site End Users – Residents and visitors.	No Risk Identified No source identified
Ground gas	Direct from any made ground/buried organic matter and accumulation indoors	Site End Users – Residents and visitors.	Medium Risk Infilled Land 41m east
Vapours	Migration into indoor air	Site End Users – Residents and visitors.	Low Risk No source identified
Site Soils	Permeation of drinking water pipes	Site End Users – Residents and visitors.	Low Risk Potential made ground soils
Aquatic Environment			
Site Soils	Surface runoff and leaching of contamination into the perched groundwater	Perched groundwater beneath the site	Low Risk Potential made ground soils
Site Soils	Groundwater transport	Nearest surface water feature – 66m southeast	Low Risk Potential made ground soils
Site Soils	Groundwater transport	Underlying bedrock: Secondary A Aquifer.	Low Risk Potential made ground soils
Vegetation			
Site Soils	Uptake of phytotoxic contaminants	Vegetation	Low Risk Potential made ground soils
Building Materials			
Site Soils	Damage of building materials	New buildings	Low Risk Correct class of concrete to be chosen. Potential made ground soils including sulphates.

SECTION 4 Field Investigation

4.1 Site Works

A geotechnical and geo-environmental site investigation comprising six mechanically excavated trial pits and two soakaway tests was undertaken on the 2nd October 2018.

The fieldwork was supervised by Terra Firma (Wales) Limited, who logged the exploratory holes to the requirements of BS5930:2015. The proposed locations of the exploratory holes were determined by Terra Firma (Wales) Ltd.

The trial pits referenced TP01 to TP06, were formed using a JCB 3CX wheeled excavator with a 0.60m wide bucket.

Representative disturbed samples were taken and retained in airtight containers for environmental and geotechnical testing.

The trial pits logs are presented in **Annex D**.

On completion all trial pits were backfilled with materials arisings.

Soakaway tests were carried out in trial pits TP02 and TP03 in general accordance with BRE365 (2016). The excavation sides were squared using the excavator bucket and dimensions recorded within the test section. The trial pit was partially filled with clean water using a dedicated bowser with a 75mm diameter outlet and the fall in level recorded against time. The results are presented in **Annex E**.

Exploratory hole locations are shown on **Drawing 01**.

4.2 Exploratory Strategy

It is considered that the number and spacing of exploratory holes was adequate to:

- Investigate the presence, nature and distribution of contamination on site in an efficient but cost effective manner.
- Optimise the chances of finding contamination hot spots of various sizes and orientations.
- Provide good representation of the ground conditions beneath the site.
- Provide sufficient data to determine suitable remedial measures if necessary.

4.3 Ground Conditions

The ground conditions encountered by the exploratory holes can in general be summarised as shown in **Table 5.1**.

Table 5.1 Summary of Typical Ground Conditions			
Depth (m)		Thickness (m)	Stratum
0.00	- 0.20/0.40	0.20/0.40	Grass over soft dark brown slightly sandy clayey SILT . Locally MADE GROUND
0.20/0.40	- 0.20/1.00	0.25/0.60	Soft brown slightly gravelly clayey SILT
0.20/1.00	- >2.50	-	Firm to stiff brown slightly sandy slightly gravelly CLAY

Made ground soil to a thickness of 1.50m was recorded in trial pit TP03.

Visible asbestos containing materials were observed in trial pit TP05 at an approximate depth of 0.20m. Fragmented pieces resembled corrugated sheeting.

4.4 Water Strikes

Groundwater was not encountered during the investigation works.

4.5 Stability and Obstructions

Trial pits remained stable and vertical during excavation

4.6 Laboratory Chemical Testing

4.6.1 Quality Assurance

During the intrusive investigation, several small disturbed soil samples were collected.

Care was taken to ensure that sampling quality assurance occurred during site works. This included the following measures:

- Soil samples were collected by hand with nitrile gloves.
- Clean gloves were used for each sample.
- Soil samples were stored at a temperature below 4 degrees.
- No head space was left in sample containers.
- Appropriate sample containers were used.
- Samples were submitted for laboratory testing within holding times.

4.6.2 Sampling Regime

The sampling regime was conducted in accordance with BS10175 (2011) in order to satisfy the following criteria:

- Investigate suspected sources of contamination
- Investigate type and concentration of contamination
- Ensure good representation of the site
- Provide data to advise on remedial measures if necessary

Samples collected from locations TP03, TP04 and TP05 were selected on a targeted basis due to their proximity to existing structures (TP03 & TP04) or proximity to a potential trial shaft location (TP05). The remaining sample locations were selected on a non-targeted basis.

The sample locations and depths are summarised in the following table:

Table 5.2 Sample Locations and Depths		
Sample	Depth (m)	Laboratory Sample Description
TP01	0.1	Brown gravelly, sandy CLAY including odd rootlets
TP02	0.2	Brown gravelly, sandy CLAY including odd rootlets
TP02	0.6	Brown gravelly, sandy CLAY including odd rootlets
TP03	0.1	Brown gravelly, sandy CLAY including odd rootlets
TP03	0.8	Brown gravelly, sandy CLAY including odd rootlets
TP04	0.3	Brown gravelly, sandy CLAY including odd rootlets
TP05	0.2	Brown gravelly, sandy CLAY including odd rootlets
TP06	0.1	Brown gravelly, sandy CLAY including odd rootlets

4.6.3 Soil Laboratory Analysis

During the site works a number of soil samples were taken and despatched to the laboratories of Derwentside Environmental Testing Services for laboratory chemical testing;

Metals and Metalloids

Arsenic
Cadmium
Chromium III
Chromium VI
Copper
Lead
Mercury
Nickel
Selenium
Zinc

In-Organics

Cyanide
Sulphate

Others

pH (acidity)
Asbestos
Asbestos Quantification

Organic Chemicals

Phenols
Polycyclic Aromatic Hydrocarbons (PAH)
Petroleum Hydrocarbons (TPHCWG)

The results are discussed in detail in **Section 6** and the laboratory test results certificates may be found in **Annex F**.

4.7 Soil Property Testing

4.7.1 In-situ Permeability Testing

During the site investigation two trial pits soakaway tests were undertaken in TP02 and TP03 and carried out in accordance with BRE Digest 365 (2016).

The test results are discussed in **Section 8.6** and the calculation sheets may be found in **Annex E**.

4.7.2 Soil Plasticity Testing

During the fieldworks two small disturbed soil samples of in-situ material were taken and despatched to the laboratories of Apex Testing Solutions for plasticity testing.

The tests were undertaken to the appropriate British Standards.

The test results are presented in **Annex G** and discussed in **Section 8.2** of this report.

SECTION 5 Evaluation of Soil Analytical Results

5.1 Soil Assessment Methodology

Comparison of the analytical results has been made with the 2015 Suitable 4 Use Levels (S4UL) provided by Land Quality Management (LQM) Limited and the Chartered Institute of Environmental Health (CIEH) or provisional Category 4 Screening Levels (pC4SL). Where S4UL or C4SL values are not available, reference has been made to Soil Guideline Values (SGV) sourced from the now withdrawn Environment Agency Contaminated Land Exposure Assessment (CLEA).

Sulphate results have been compared to British Research Establishment (BRE) guidelines as sulphate levels need only be considered for buried concrete risk assessment only, not human health related.

5.2 Soil Test Results

A summary of the chemical test results which include the regulatory soil guideline values used in a residential setting are given in **Tables 6.1 to 6.3**. The complete results can be found in **Annex F**.

Eight samples were tested for a standard suite of metals, inorganics and phenols. The summarised results are shown below in **Table 6.1**.

Table 6.1 Summary of Soil Chemical Test Results - Standard Suite					
Substance	GAC/SGV (mg/kg)	Source	Measured Concentrations of Tested Substances (mg/kg)		Number of Exceedences
			Minimum	Maximum	
Arsenic	37	LQM/CIEH	6.5	16	0
Cadmium	11	LQM/CIEH	<0.1	1.5	0
Chromium III	910	LQM/CIEH	9.5	15	0
Chromium VI	6	LQM/CIEH	<1.0	<1.0	0
Copper	2400	LQM/CIEH	14	28	0
Lead	200	pC4SL	21	73	0
Mercury (inorganic)	40	LQM/CIEH	<0.05	0.5	0
Nickel	180	LQM/CIEH	11	27	0
Selenium	250	LQM/CIEH	<0.5	1.2	0
Zinc	3700	LQM/CIEH	59	88	0
Cyanide	8	CLEA	<0.1	0.7	0
Phenols	120	LQM/CIEH	<0.3	<0.3	0
Sulphate	2400	BRE	<100	1400	0
Organic Matter (%)	-	-	0.8	7.0	-
pH	-	-	5.4	7.5	-
Total PAH	-	-	<0.10	0.79	See Table 6.2

Notes:

- GSC - Generic assessment criteria
- - No available guidelines

Eight samples were tested for speciated polycyclic aromatic hydrocarbons. The summarised results are shown below in **Table 6.2**.

Table 6.2 Summary of Soil Chemical Test Results - Speciated Polycyclic Aromatic Hydrocarbons					
Substance	GAC (mg/kg)	Source	Measured Concentrations of Tested Substances (mg/kg)		Number of Exceedences
			Minimum	Maximum	
Naphthalene	2.3	LQM/CIEH	<0.03	0.05	0
Acenaphthylene	170	LQM/CIEH	<0.03	<0.03	0
Acenaphthene	210	LQM/CIEH	<0.03	<0.03	0
Fluorene	170	LQM/CIEH	<0.03	<0.03	0
Phenanthrene	95	LQM/CIEH	<0.03	0.10	0
Anthracene	2400	LQM/CIEH	<0.03	<0.03	0
Fluoranthene	280	LQM/CIEH	<0.03	0.16	0
Pyrene	620	LQM/CIEH	<0.03	0.13	0
Benzo(a)anthracene	7.2	LQM/CIEH	<0.03	0.08	0
Chrysene	15	LQM/CIEH	<0.03	0.11	0
Benzo(b)fluoranthene	2.6	LQM/CIEH	<0.03	0.11	0
Benzo(k)fluoranthene	77	LQM/CIEH	<0.03	0.04	0
Benzo(a)pyrene	2.2	LQM/CIEH	<0.03	0.06	0
Indeno(123cd)pyrene	27	LQM/CIEH	<0.03	0.04	0
Dibenzo(ah)anthracene	0.24	LQM/CIEH	<0.03	<0.03	0
Benzo(ghi)perylene	320	LQM/CIEH	<0.03	0.03	0
Total PAH	-	-	<0.10	0.79	-

Notes:

- GAC - Generic assessment criteria
- Thresholds based on 1.0% soil organic matter
- - No available guidelines

5.2.1 Soil Asbestos Screening

All made ground soil samples were scheduled for asbestos screening. Asbestos was identified in one sample from trial pit TP05 at a depth of 0.20m. Board fragments of Chrysotile were encountered. The positive sample was subsequently scheduled for asbestos quantification testing. Asbestos quantification recorded a total mass of 0.027% comprising board fragments. However potentially respirable fibre analyses recorded a null result.

SECTION 6 Quantitative Risk Assessment

6.1 Contaminants of Concern

6.1.1 Contaminants of Concern in Soil

Asbestos in the form of Chrysotile was identified in one sample from trial pit TP05 at 0.20m depth. Asbestos quantification recorded a total mass of 0.027% comprising board fragments. Potentially respirable fibre analyses recorded a null result ruling out the effectiveness and appropriateness of an asbestos risk assessment.

All other substances tested for were found to be present at concentrations below their respective human health threshold levels for a residential setting with home grown produce.

6.1.2 Gasses of Concern

Two gas monitoring wells were installed in BH1 and BH4. The installation details are presented on the relevant logs. To date one round of monitoring has taken place which places the site at gas characteristic situation 1 requiring no gas protection measures. This will be evaluated following completion of the full 6 round of monitoring.

No radon protective measures are required for new developments on the investigation site.

6.2 Potential Receptors and Pathways

6.2.1 Human Receptors

Construction workers and maintenance workers may be in intimate contact with the site soils and are potentially at risk of inhalation of asbestos fibres identified within made ground soils.

Neighbouring site users and passers-by are similarly potentially at risk of inhalation of asbestos fibres during construction works at the site.

Similarly, future site users, residents and visitors, are potentially at risk of inhalation of asbestos fibres if site soils are not suitably remediated.

6.2.2 Aquatic Environment

There is not considered to be a risk to the aquatic environment.

6.3 Mitigation and Remedial Measures

6.3.1 Human Health

Asbestos containing materials (ACM) in the form of Chrysotile board presents an unacceptable risk of potential fibre release to future site users, construction workers and maintenance staff.

To protect site users from the asbestos contamination it is recommended that the area surrounding trial pit TP05 is exposed and an ACM pick is undertaken by a specialist contractor. Upon completion of the ACM pick and disposal of fragments, verification of the remaining soils should be undertaken by a suitably qualified geotechnical engineer. Soil samples should be taken from the immediate area around trial pit TP05 at a variety of depths and screened for asbestos, the results of which would allow for the completion of a validation report.

Alternatively, a 5 x 5m area around the location of trial pit TP05 could be excavated to an approximate depth of 0.40m and removed from site. Waste materials should be appropriately disposed of at a suitably licenced landfill site. This method would also require verification by a suitably qualified geotechnical engineer. Soil samples should be taken from each of the side walls and base of excavation and screened for asbestos.

Providing subsequent test results confirm all ACM have been removed from site, it will be considered that no further remedial measures will be required to render the site fit for its intended use.

The advice of an asbestos specialist will be required and as a minimum the following precautions should be employed:

- Dust suppression and measures to dampen the material
- Suitable PPE for site workers
- Air monitoring on the site boundary
- Personal air monitors (for a time to determine actual personnel / fibre interaction)

In addition to the above it is best practise to clean down plant and change air filters on any plant used in the works with asbestos contaminated material.

As good practice, construction workers should adhere to good site management, COSHH, good standards of hygiene and appropriate health & safety on site, with personal protection equipment (PPE) and dust suppression where appropriate.

All imported soils should be validated as clean and suitable for use in accordance with 'Requirements for the Chemical Testing of Imported Soils for Various End Uses and Validation Cover Systems'.

For proposed new supply water pipes, the UK Water Industry Research publication 'Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites (Report 10/WM/03/21)' should be consulted.

In accordance with EC Regulation 1272/2008 and Environment Agency Guidance WM3 soils destined for off-site disposal should be classified on the basis of their hazard phrases prior to disposal. Soils are classified as a mirror entry waste and should be classified on the basis of their specific chemical properties.

6.3.2 Aquatic Environment

There are not considered to be any significant risks to the aquatic environment from site soils.

During the construction period, there is a risk to the environment/adjacent sites from de-watering, digging foundations, moving contaminated soil, drainage misconnections, discharges to local surface waters or the ground, runoff from construction materials and/or exposed ground, wheel washings and oil or chemical spills.

The risk is considered to be negligible as any adverse effects will be easily preventable by due diligence to good construction practise and housekeeping in preventing surface runoff and the spillage of materials.

The basic measures that should be taken are as follows:

- Prepare a drainage plan and mark the manholes to prevent pollutants accidentally reaching the surface water sewers;
- Carry out any activities that could cause pollution in a designated, bunded area, away from rivers or boreholes. Where possible it should drain to the foul sewer;
- Use settlement ponds to remove silty water;
- Store all oils and chemicals in a fully bunded area to prevent leaks or spills;
- Get advice on whether you need an environmental permit and apply in good time

SECTION 7 Assessment of the Risk from Past Shallow Coal Mining

7.1 Underground Mining

Based upon the site investigation data the stratigraphical sequence within 30m of the ground surface of the site is shown in **Figure 4.1**.

Made Ground		0-3m
Till	Clay	0.3/3.0 – 17.0/17.2m
South Wales Lower Coal Measures	Mudstone	17.0/17.2 – 19.1/19.3m
	GELLIDEG COAL SEAM	19.1/19.3 – 19.7/20.1 m
	Sandstone/Mudstone	<35.00

Figure 7.1 Geology and Strata Base below Ground Level

The Coal Authority Report states that the property is not within an area that could be affected by recorded past underground mining. However, the Authority believes that there is coal at or close to the surface which may have been worked in the past.

It can be seen that the Gellideg Coal Seam outcrops beneath the site. The coal seam contained numerous mudstone partings and was of a poor quality.

7.2 Shafts & Adits

Historical map evidence between c.1875 and 1900 indicates that a circular earthwork feature was present on the site. Trial trenches were excavated at 1m centres across the area of the feature. In the area, reworked deposits were encountered to 3m depth where natural boulder clays were encountered. Given the depth of superfcials it is likely that feature was a trial shaft and as terminated when the Gellideg Seam was not encountered at shallow depth.

7.3 Conclusion

It is clear that there is insufficient rock cover above the Gellideg seam to prevent surface instability should the seam collapse. However, being so close to outcrop, there is little rock cover to provide support of any workings. The depth of superficial cover would also make mining the seam uneconomical. It is therefore considered that there is no risk to the development from past shallow mining. This is confirmed by the absence of workings during the intrusive investigation.

SECTION 8 Engineering Recommendations

8.1 Preparation of Site

Areas of vegetation including all roots should be stripped and removed from beneath the proposed development site.

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

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

Any reduced levels should be brought up to the required levels with suitable inert mainly granular materials. Department of Transport (Dtp) type 2 sub base or similar should be used and should be 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 on the basis of their hazard phrases prior to disposal. Soils are classified as a mirror entry waste and should be classified on the basis of their specific chemical properties. Terra Firma (Wales) Ltd offer this service if required.

8.2 Foundation and Floor Slab Solution

Based upon the site investigation data, it is recommended that traditional strip/trench fill foundations will be economically suitable for the proposed development.

The above footings should be founded within the firm to stiff brown CLAY at a depth of approximately 0.20m to 1.50m. An allowable bearing pressure of 100kN/m² may be used.

Foundations must sit at least 200mm within the founding horizon.

For the given foundation solutions and bearing pressure, maximum total settlements of 25mm should result with differential movements of the superstructure not exceeding 1:750.

In order to prevent damage from the shrinking or swelling of the soil, and the effects of frost heave/and or thermal shrinkage foundations should be taken down to a minimum depth of 750mm when founding in clay.

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.

Floor slabs should be designed as suspended.

If trees are to be incorporated into the proposed design guidance should be sought. The National House Building Council (NHBC) Chapter 4.2 gives guidelines as to the appropriate type of floor slab and void based on the type of tree, distance of the foundation from the tree and the plasticity index of the in-situ materials.

During the investigation two samples of the in-situ clay were taken and submitted for plasticity testing. The test results are summarised in **Table 8.1**. The results in their entirety are presented in **Annex G**.

Table 8.1 Plasticity Test Results						
Sample	Depth (m)	Laboratory Soil Description	Plasticity Index (%)	Passing 425µm Sieve (%)	Modified Plasticity Index (%)	Volume Change Potential
TP03	1.9	CLAY	15	79	12	Low
TP05	1.3	CLAY	15	78	12	Low

In line with the NHBC (Chapter 4.2), the modified plasticity index for each sample was calculated. For design purposes the soils on site should be assumed to have a low volume change potential.

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

8.3 Excavations and Formations

Most of the shallow excavations will be possible with normal soil excavating machinery.

Shallow perched water and groundwater flows were not encountered during the investigation. Any water inflows together with rainwater infiltration should be dealt with by conventional pumping techniques. However, it should be noted that during times of heavy rainfall a higher water table will be encountered.

The sides of any excavations deeper than 1.20m, or shallower if unstable, should be supported by planking and strutting or other proprietary means.

The sub-formations/formations are likely to be 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.

As a minimum the formation/excavation surfaces must be protected by blinding concrete immediately after exposure.

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

Allowances should also be made for special precautions to prevent formation deterioration in addition to the above.

8.4 Protection of Buried Concrete

Levels of total sulphate within the in-situ materials measured between <100mg/kg to 1400mg/kg and the pH varied between 5.4 and 7.5.

When the results are compared with Table C2 of BRE Digest 1:2005, it indicates that buried concrete should generally conform to Class AC-2z, however one pH level recorded a value below the threshold of 5.5.

8.5 Access Roads and Car Parking Areas

For car parking and road areas, formations within the in-situ natural soils a CBR value of 1% may be used for design purposes.

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.

8.6 Storm Water Drainage

During the site investigation two soakaway tests were undertaken in general accordance of BRE 365 (2016) in trial pits. The soakaway tests were carried out in trial pits TP02 and TP03 within natural materials.

Soakaway tests recorded insufficient infiltration in both tests and were subsequently terminated early.

It is considered that soakaway storm water draining is unsuitable at the site.

Soakaway calculation sheets are presented in **Annex E** for reference.

8.7 Retaining Walls

Due to the sloping nature of the site, retaining walls may be required. The existing steepness of any embankments should not be increased. Any cuts should be undertaken in small sections and in such a way so as not to induce any instability to the ground.

Effective shear parameters for retaining wall design are presented in **Table 8.2**

Table 8.2 Effective Shear Stress Parameters			
Stratum Description	Bulk Unit Weight (γ) kN/m ³	Effective Cohesion (c') kN/m ²	Effective Angle of Shearing Resistance (ϕ') degrees
Soft Clayey SILT	20	8-16	19-23
Firm to stiff CLAY	19.5	6-14	24-30

The parameters are based on experience in similar ground conditions.

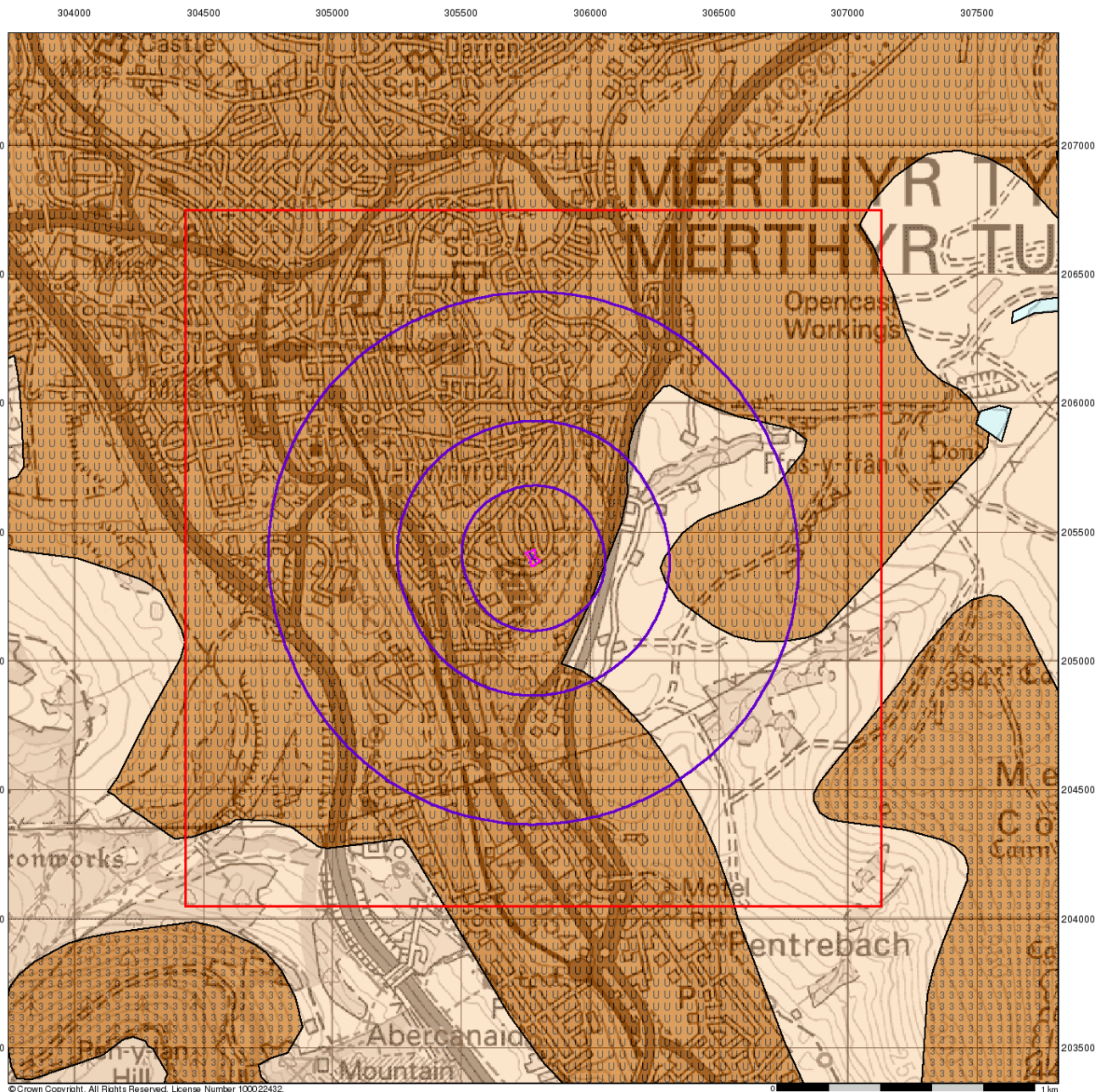
The materials to be in-filled behind the retaining wall should be placed at or close to its optimum moisture content/maximum dry density and compacted in layers as per the requirements of the Specification for Highway Works. During the earthworks suitable in-situ testing should be carried out to ensure that the compaction process is achieving the required maximum dry density to achieve at least 95% compaction.

The acceptability of the filling works should be verified by appropriate on site testing. A certification report should also be prepared on the earthworks by a suitably qualified Geotechnical Engineer.

Appropriate drainage should be incorporated in to the design to prevent the build-up of hydrostatic pressure.

Appropriate cutting and benching of the existing slope should be conducted prior to the replacement of any imported fill to minimise the risk of any slip surfaces forming on the interface between the existing imported materials.

ANNEX A
Envirocheck Report



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Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

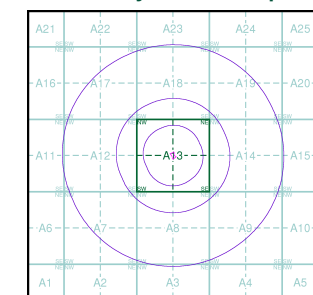
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

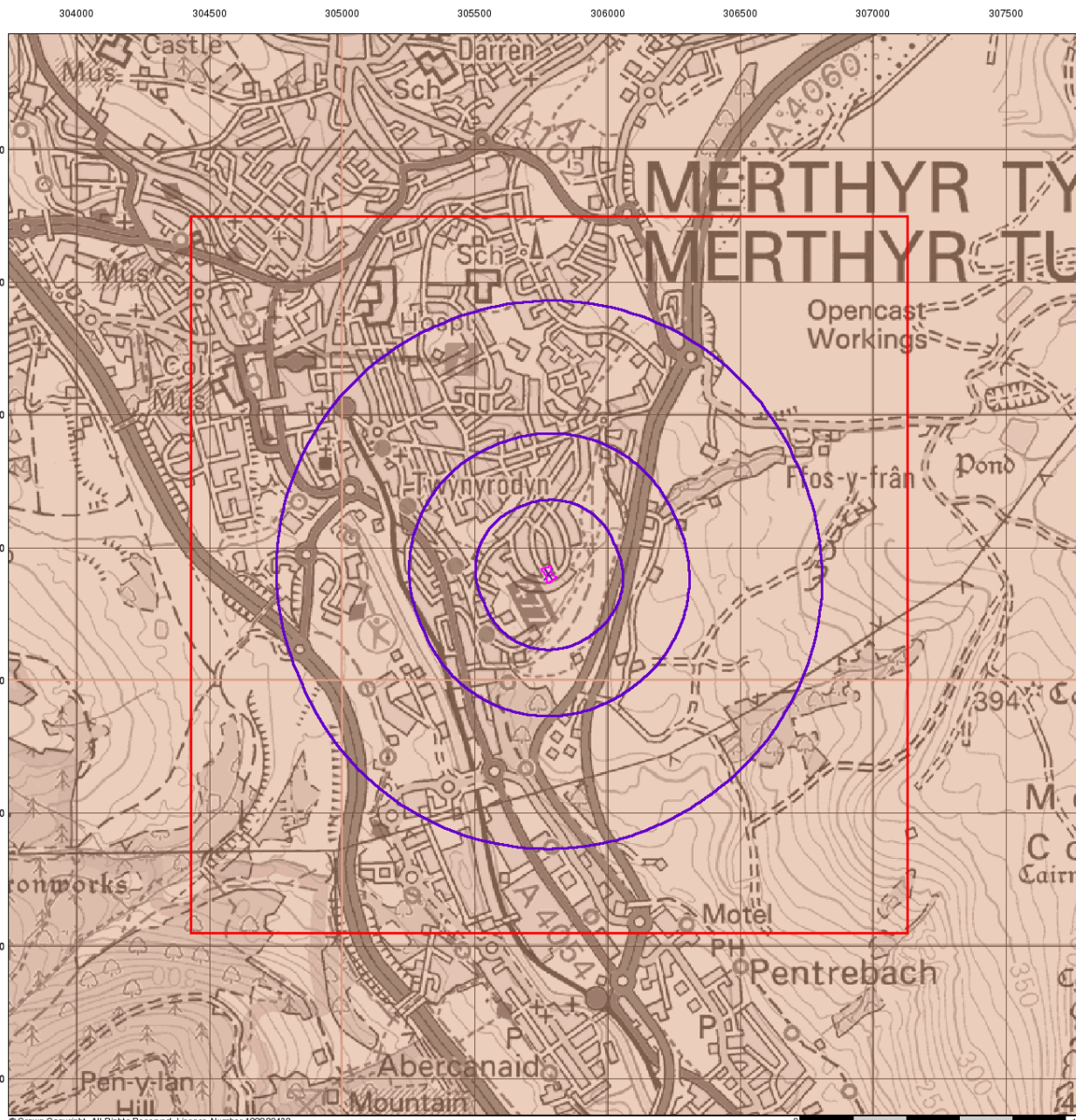
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 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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0 1 km



Bedrock Aquifer Designation

General

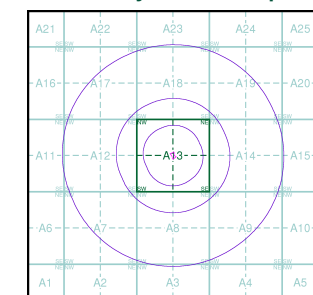
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

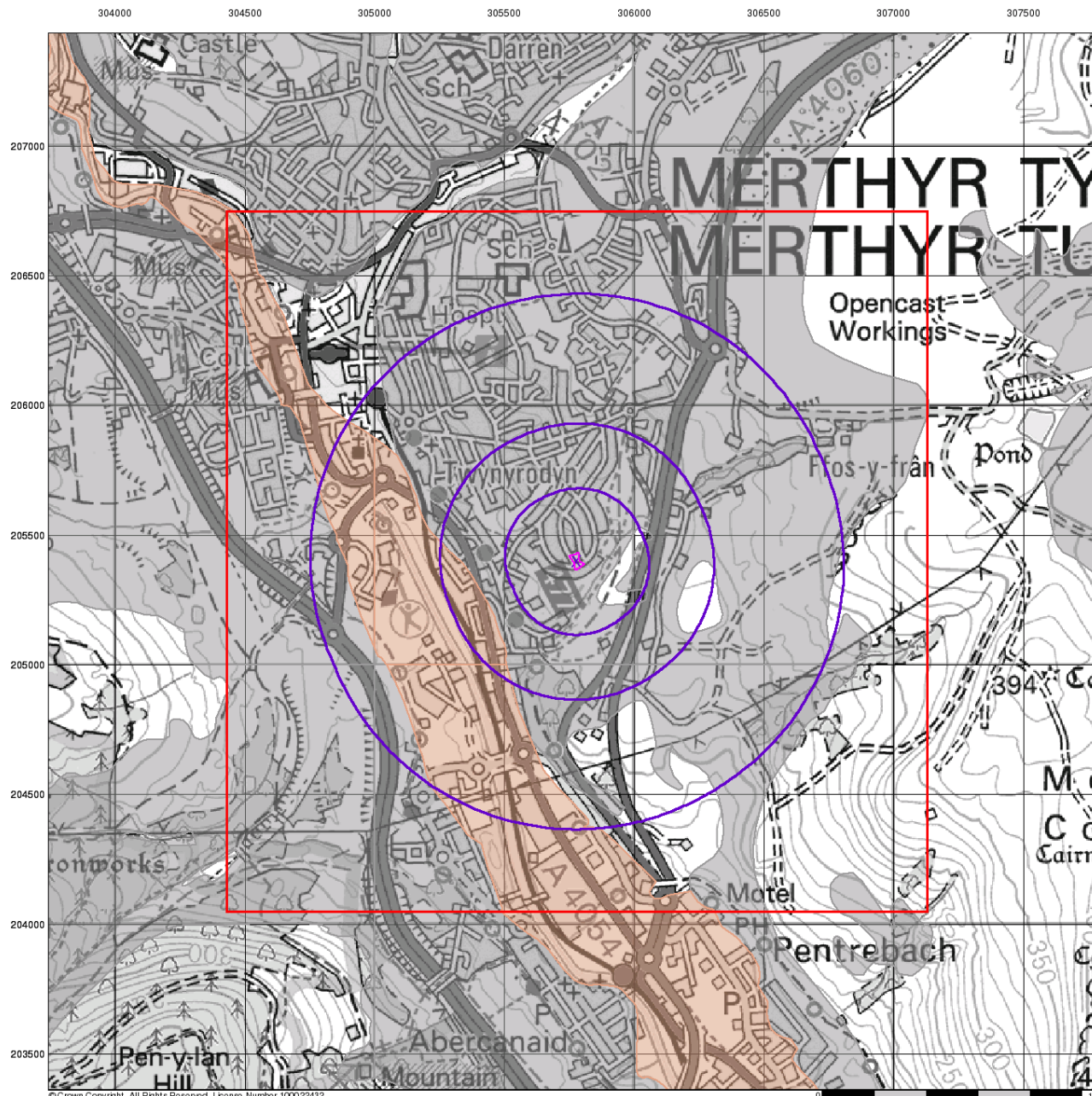
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Superficial Aquifer Designation

General

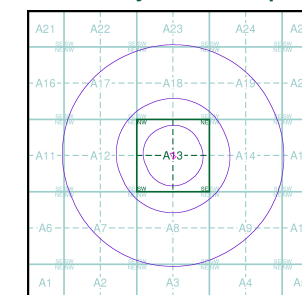
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

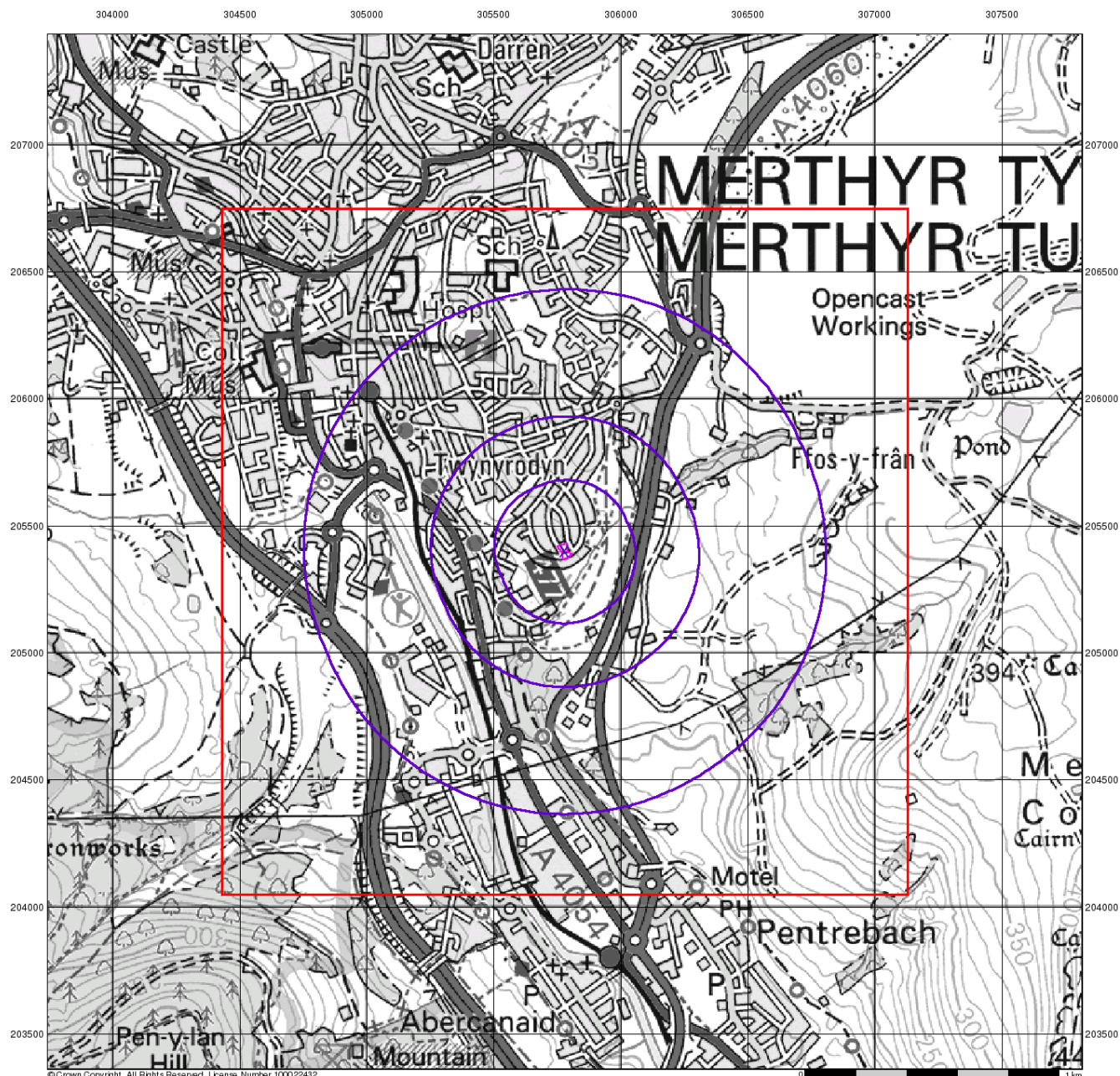
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Source Protection Zones

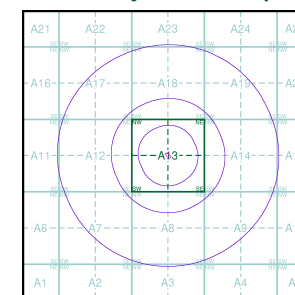
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

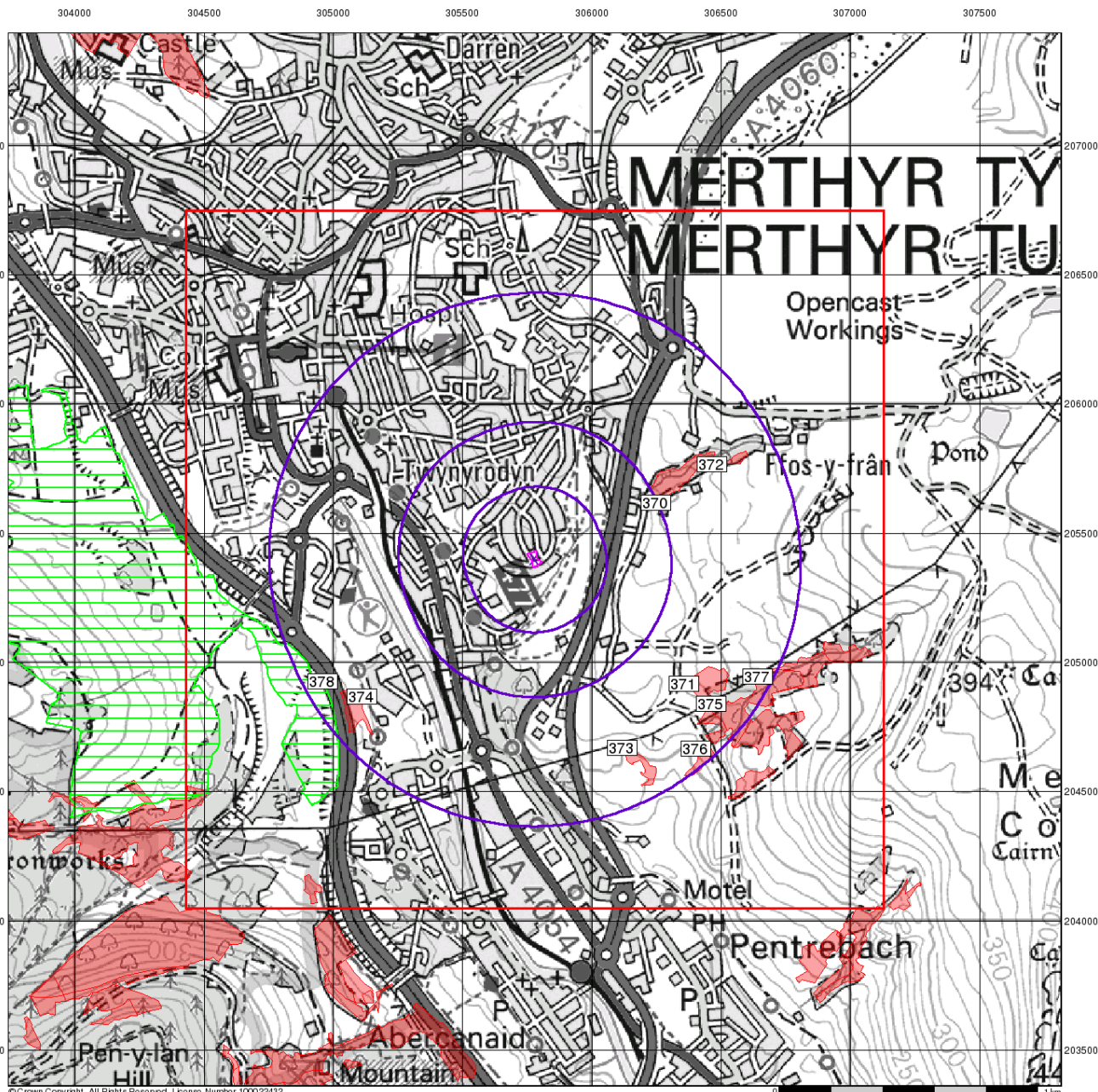
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Sensitive Land Uses

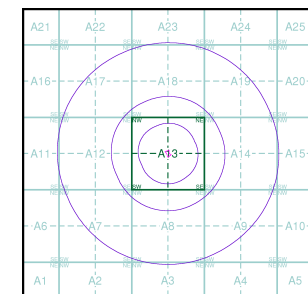
General

- 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

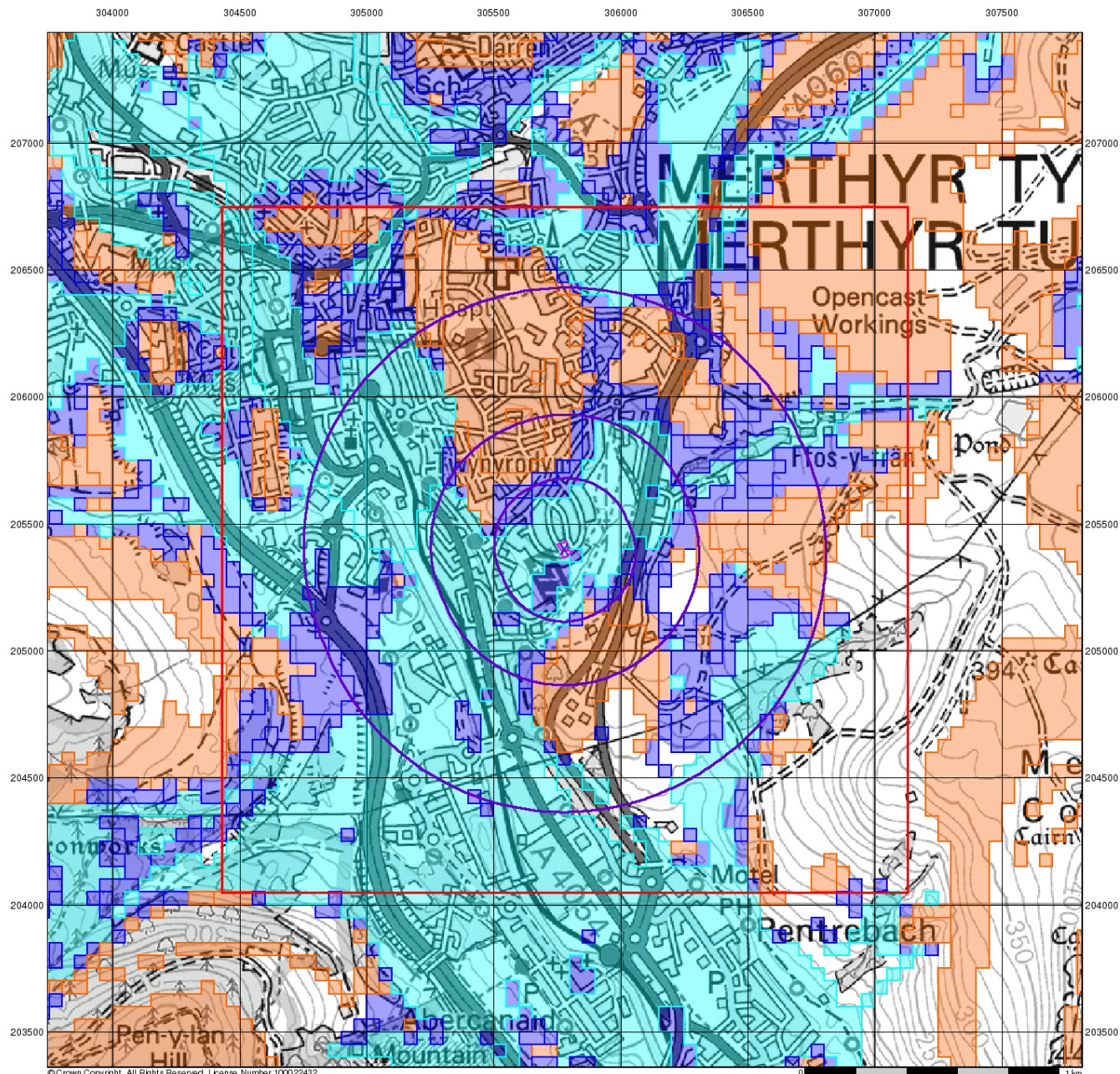
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BGS Flood GFS Data

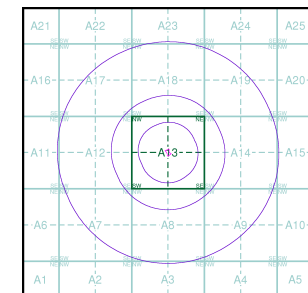
General

- 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: 180966781_1_1
 Customer Ref: 14925/JRW
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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhonddda Member	Sandstone	Not Supplied - Westphalian
	RA	Rhonddda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	BISHM	Bishopston Mudstone Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Namurian
	TWR	Twrch Sandstone Formation	Sandstone and Conglomerate, Interbedded	Not Supplied - Namurian
		Rock Segments		
		Faults		



Geology 1:50,000 Maps

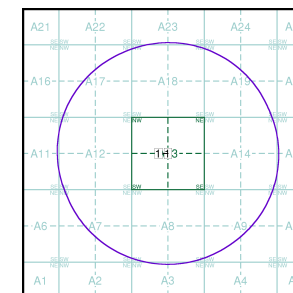
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	231
Map Name:	Merthyr Tydfil
Map Date:	1979
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

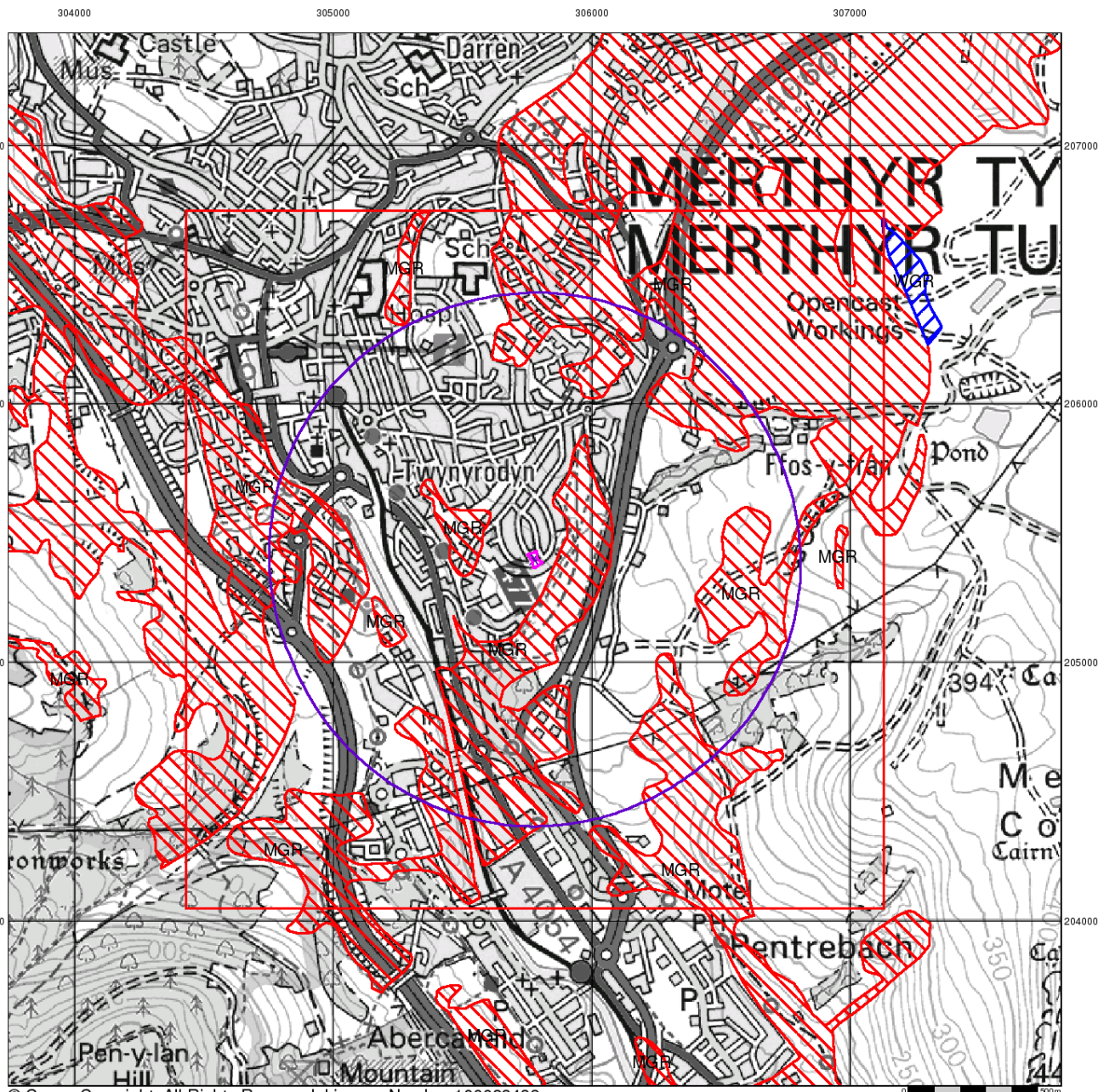


Order Details:

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Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

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Artificial Ground and Landslip

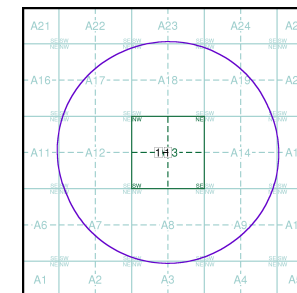
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

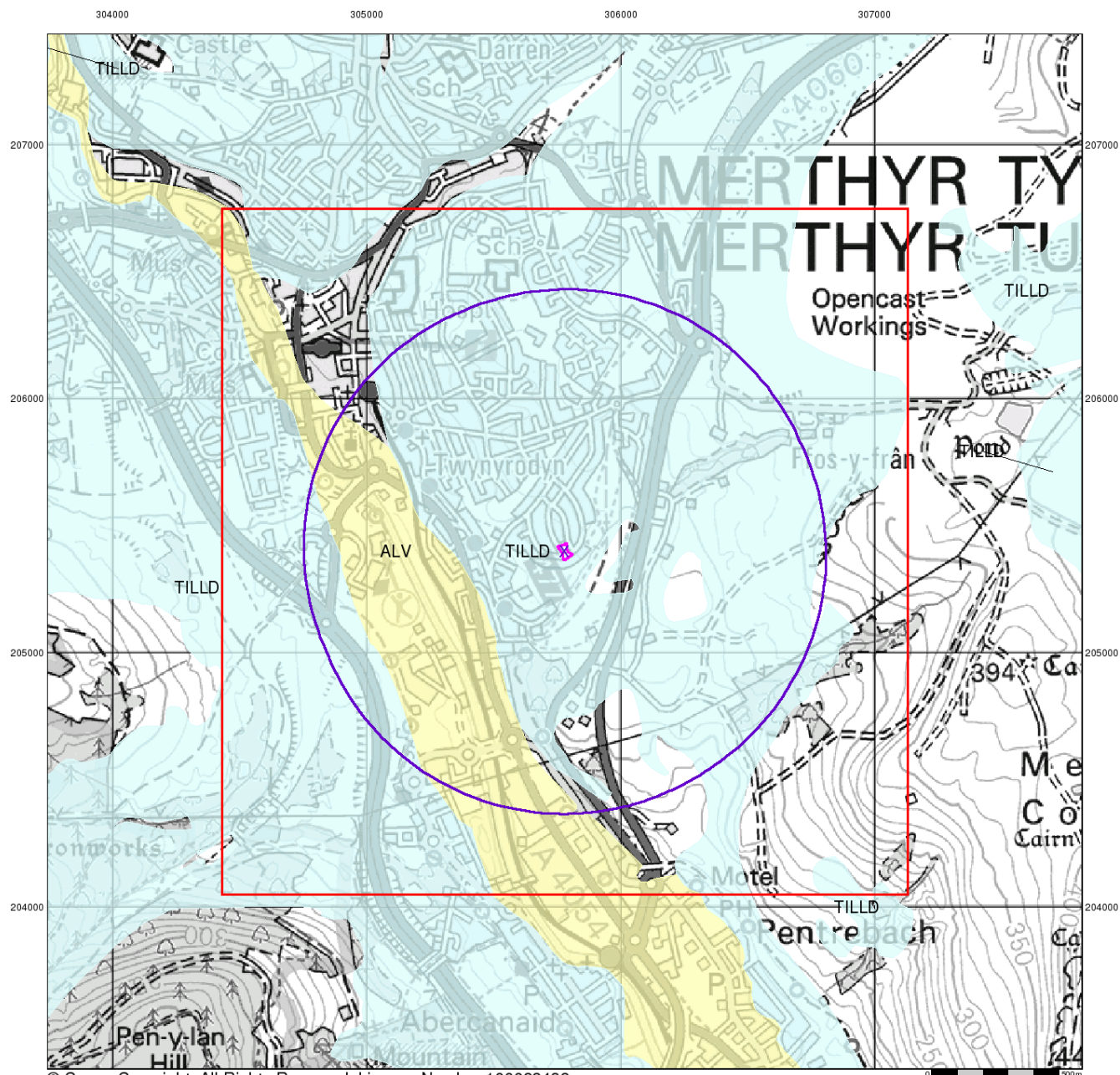
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 Customer Reference: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details:

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Landmark
 INFORMATION GROUP

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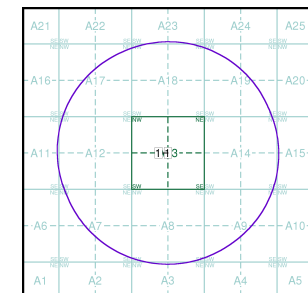
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

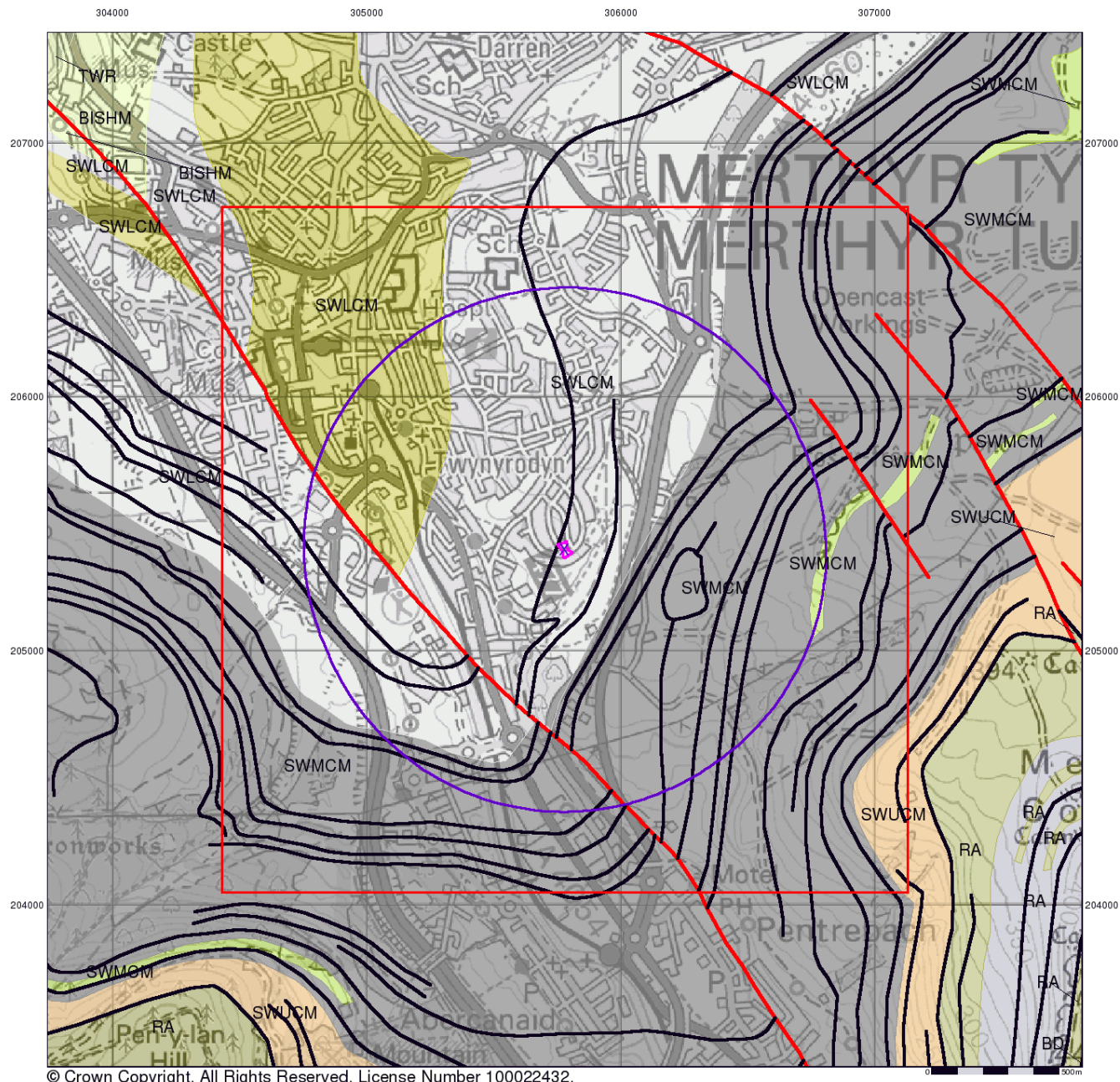
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Bedrock and Faults

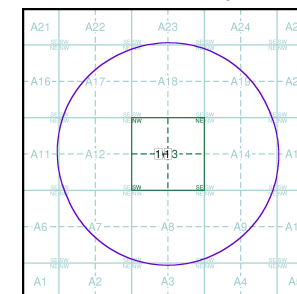
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

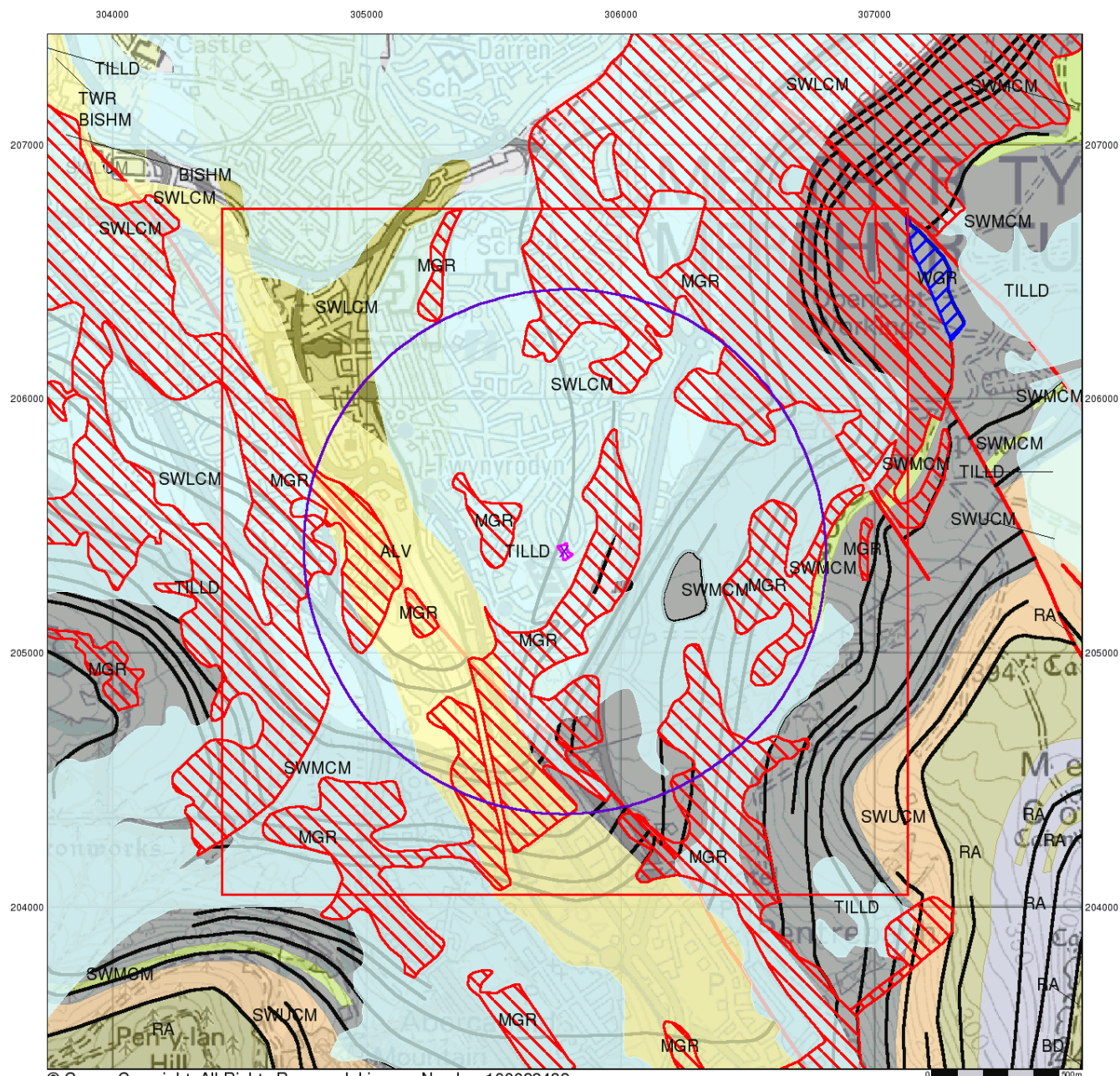
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Combined Surface Geology

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

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

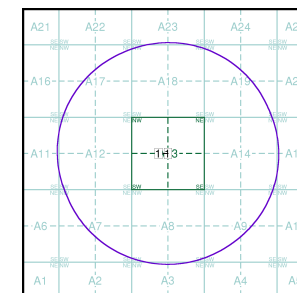
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

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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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	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
	Civil Parish		
	BP, BS		Ch
	CH		F E Sta
	FB		Fn
	GP		MP
	MS		Pol Sta
	PO		PC
	PH		SB
	Spr		TCB
	TCP		W

1:10,000 Raster Mapping

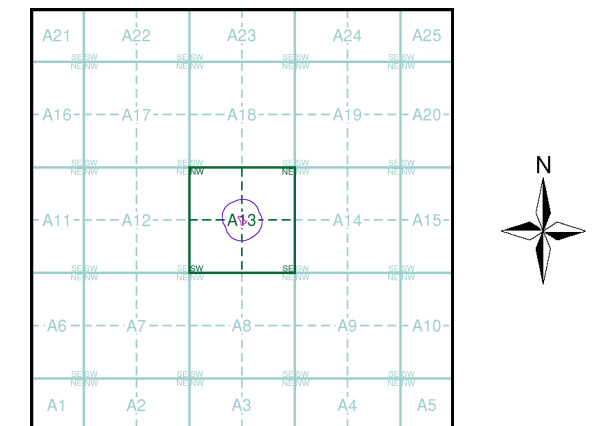
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Brecknockshire	1:10,560	1884	2
Glamorganshire	1:10,560	1885	3
Glamorganshire	1:10,560	1901	4
Brecknockshire	1:10,560	1905	5
Glamorganshire	1:10,560	1922	6
Brecknockshire	1:10,560	1922	7
Brecknockshire	1:10,560	1938	8
Historical Aerial Photography	1:10,560	1945	9
Glamorganshire	1:10,560	1951	10
Brecknockshire	1:10,560	1951	11
Ordnance Survey Plan	1:10,000	1964 - 1965	12
Ordnance Survey Plan	1:10,000	1969	13
Ordnance Survey Plan	1:10,000	1970 - 1979	14
Ordnance Survey Plan	1:10,000	1982 - 1989	15
Ordnance Survey Plan	1:10,000	1990 - 1992	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2018	19

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
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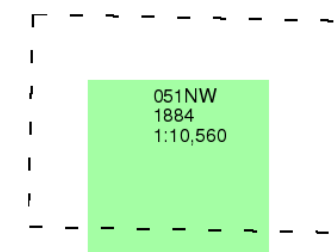
Brecknockshire

Published 1884

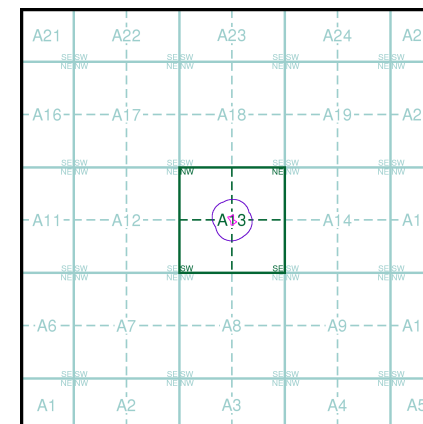
Source map scale - 1:10,560

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)



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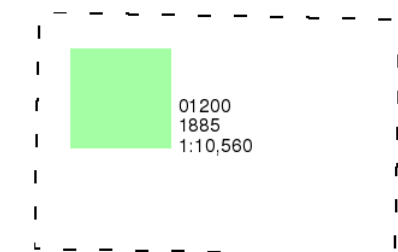
Glamorganshire

Published 1885

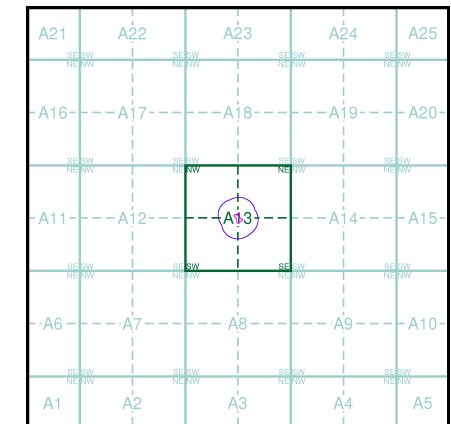
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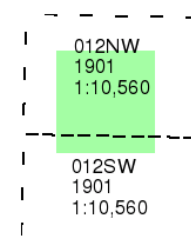
Glamorganshire

Published 1901

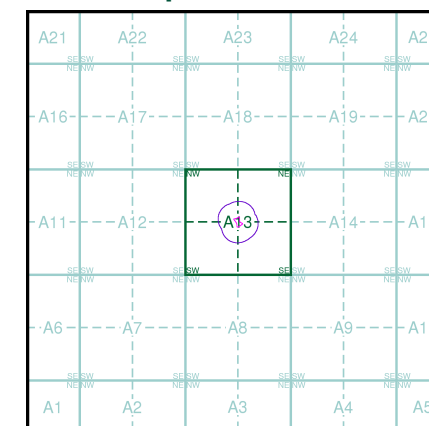
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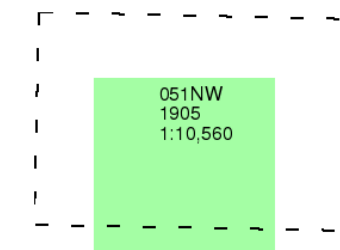
Brecknockshire

Published 1905

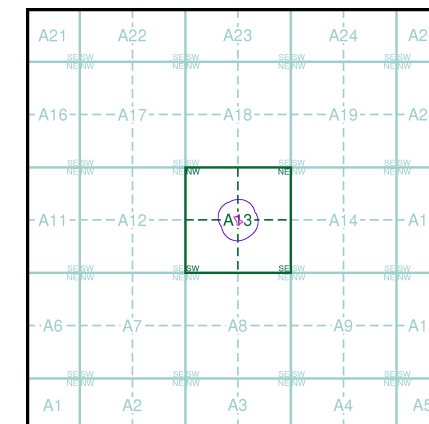
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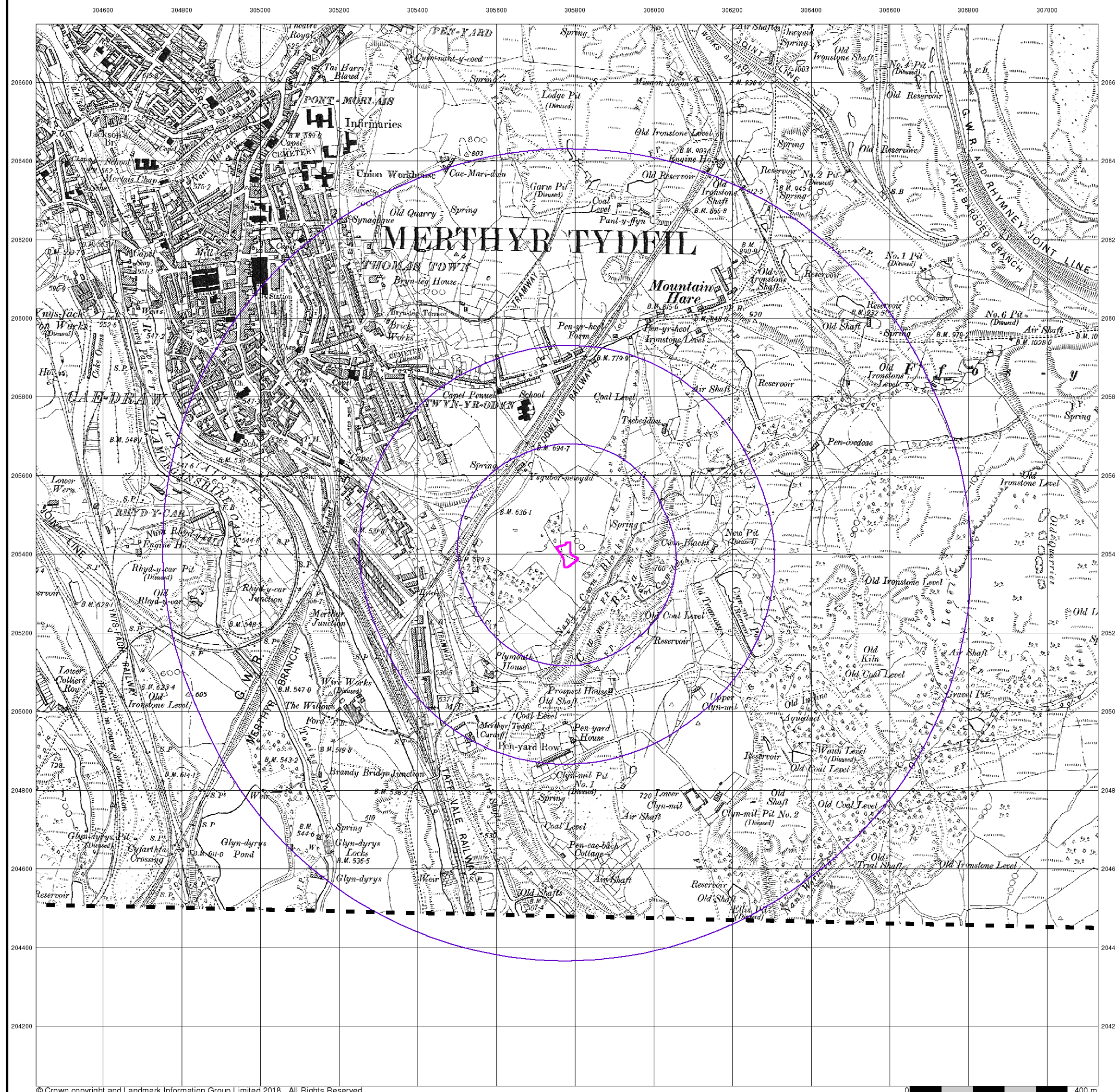


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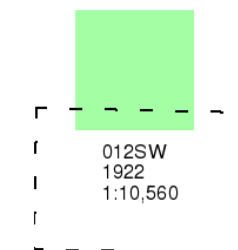
Glamorganshire

Published 1922

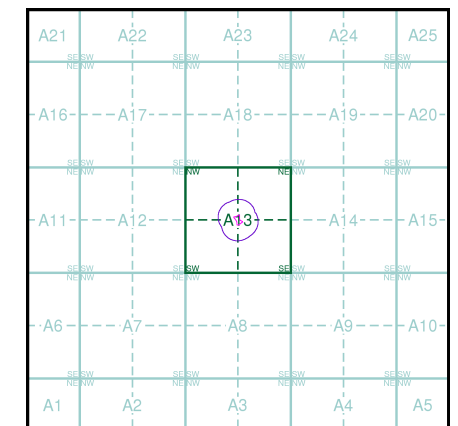
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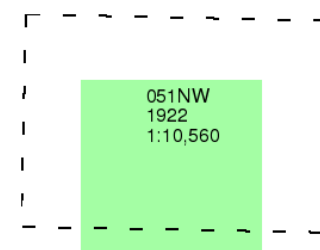
Brecknockshire

Published 1922

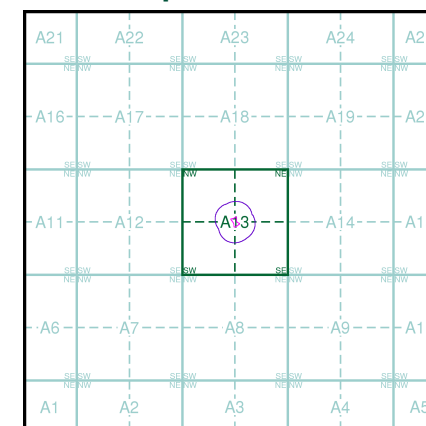
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Order Details

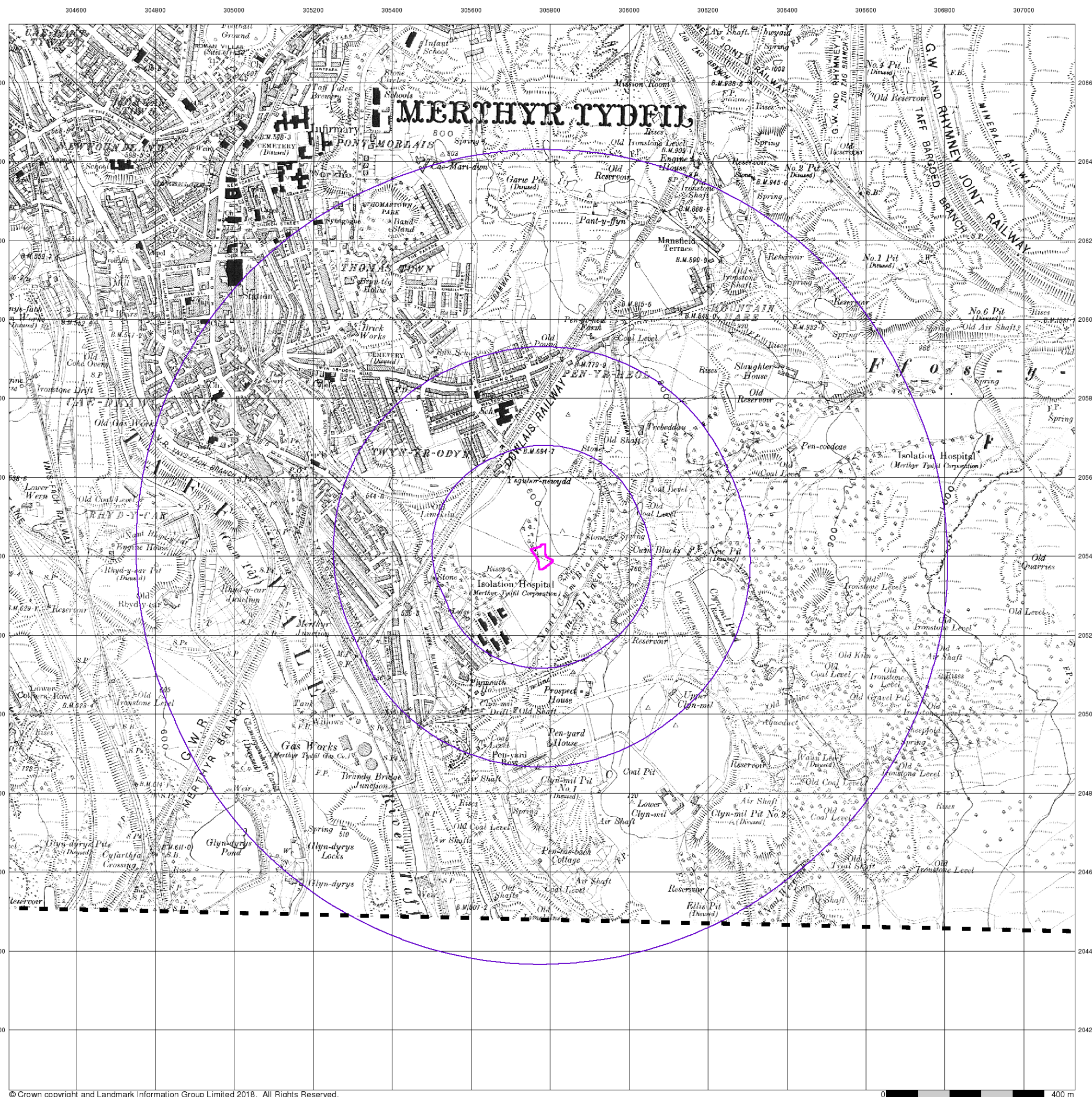
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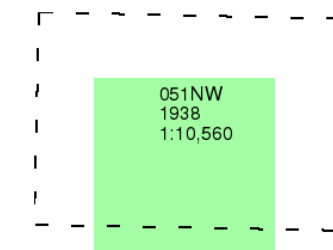
Brecknockshire

Published 1938

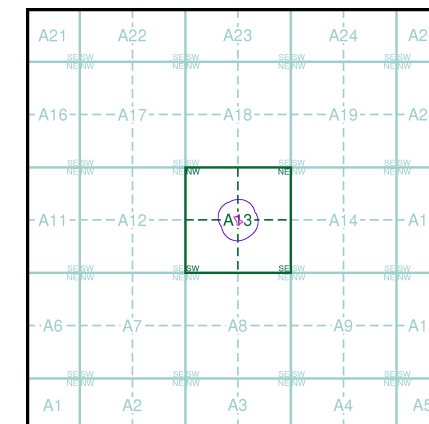
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Historical Aerial Photography

Published 1945

Source map scale - 1:10,560

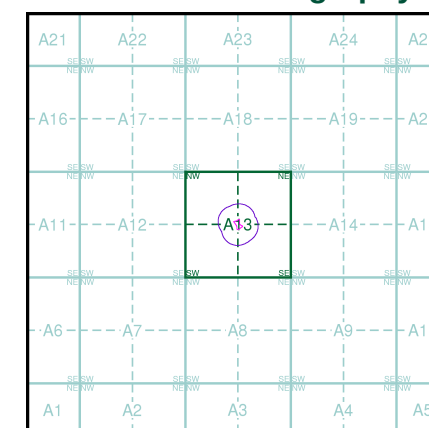
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)

SO00NW 1945 1:10,560	SO00NE 1945 1:10,560
SO00SW 1945 1:10,560	SO00SE 1945 1:10,560

Historical Aerial Photography - Slice A



LIBRARY
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Order Details

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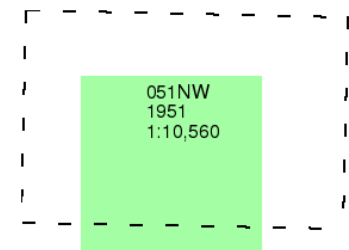
Brecknockshire

Published 1951

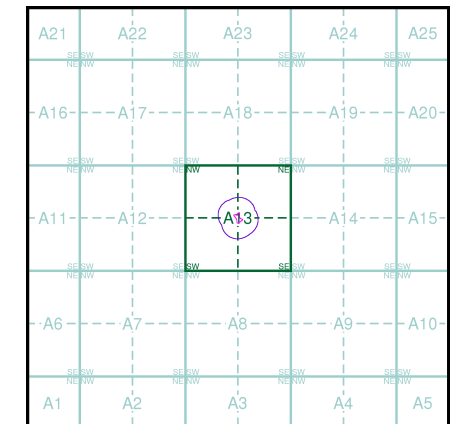
Source map scale - 1:10,560

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.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark®
INFORMATION GROUP

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



Ordnance Survey Plan

Published 1964 - 1965

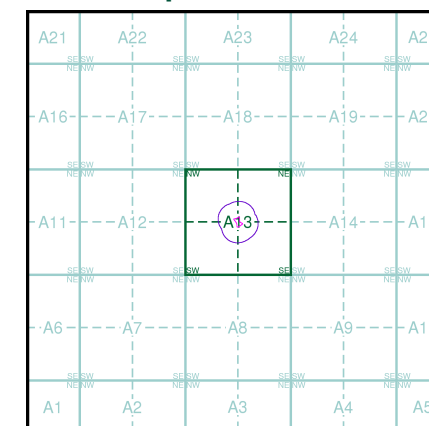
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1965	1965
1:10,560	1:10,560
SO00SW	SO00SE
1964	1964
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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



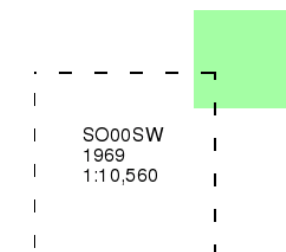
Ordnance Survey Plan

Published 1969

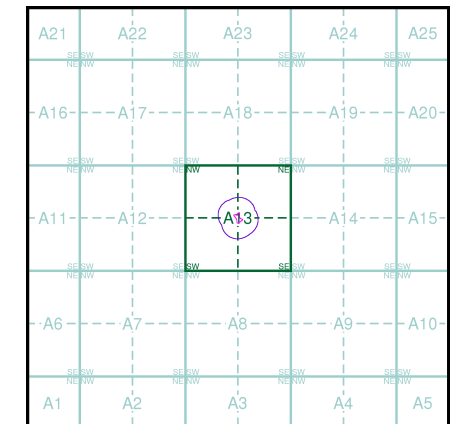
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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Ordnance Survey Plan

Published 1970 - 1979

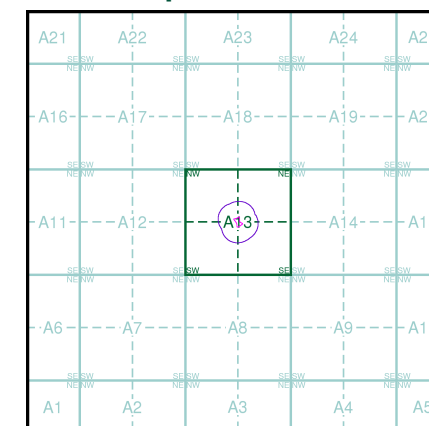
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1979	1977
1:10,000	1:10,000
	SO00SE
	1970
	1:10,560

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1982 - 1989

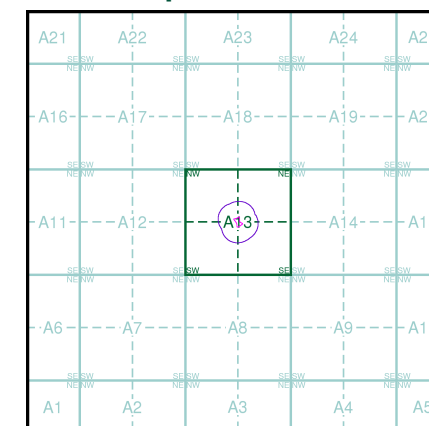
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NE	1983	1:10,000
SO00SW	1982	1:10,000
SO00SE	1989	1:10,000

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1990 - 1992

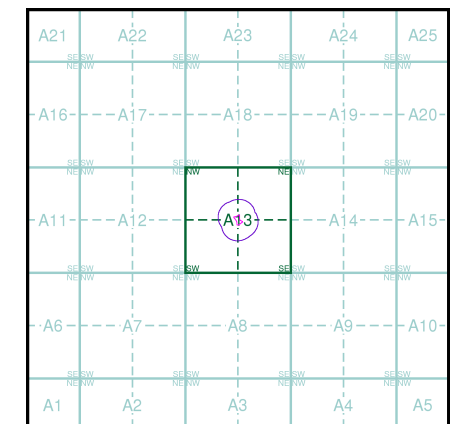
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1992	1992
1:10,000	1:10,000
SO00SW	
1990	
1:10,000	

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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10k Raster Mapping

Published 1999

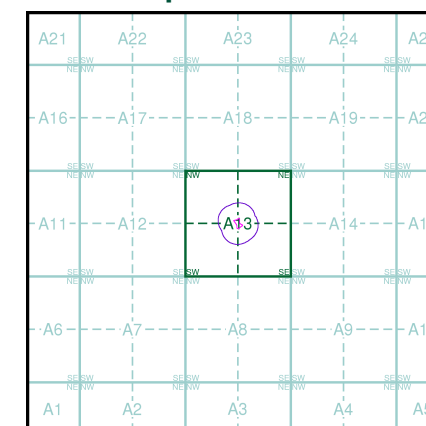
Source map scale - 1:10,000

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)

SO00NW	SO00NE
1999	1999
1:10,000	1:10,000
SO00SW	SO00SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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



10k Raster Mapping

Published 2006

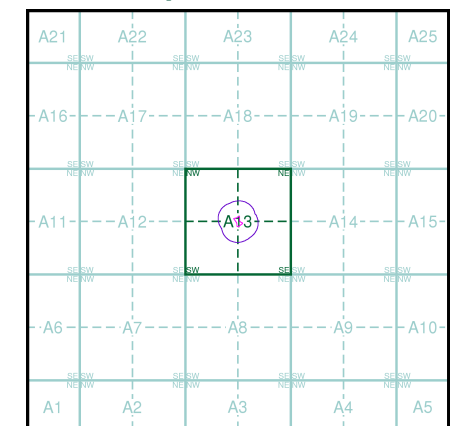
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
2006	2006
1:10,000	1:10,000
SO00SW	SO00SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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VectorMap Local

Published 2018

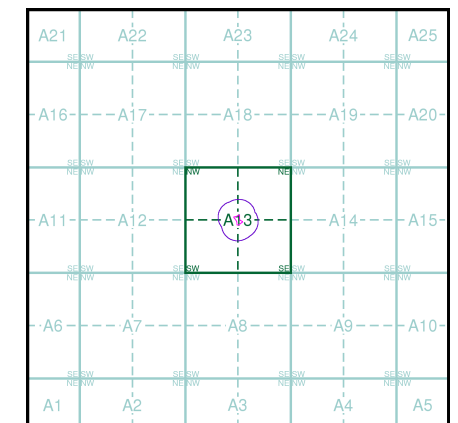
Source map scale - 1:10,000

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)

SO00NW 2018 Variable	SO00NE 2018 Variable
SO00SW 2018 Variable	SO00SE 2018 Variable

Historical Map - Slice A



Order Details

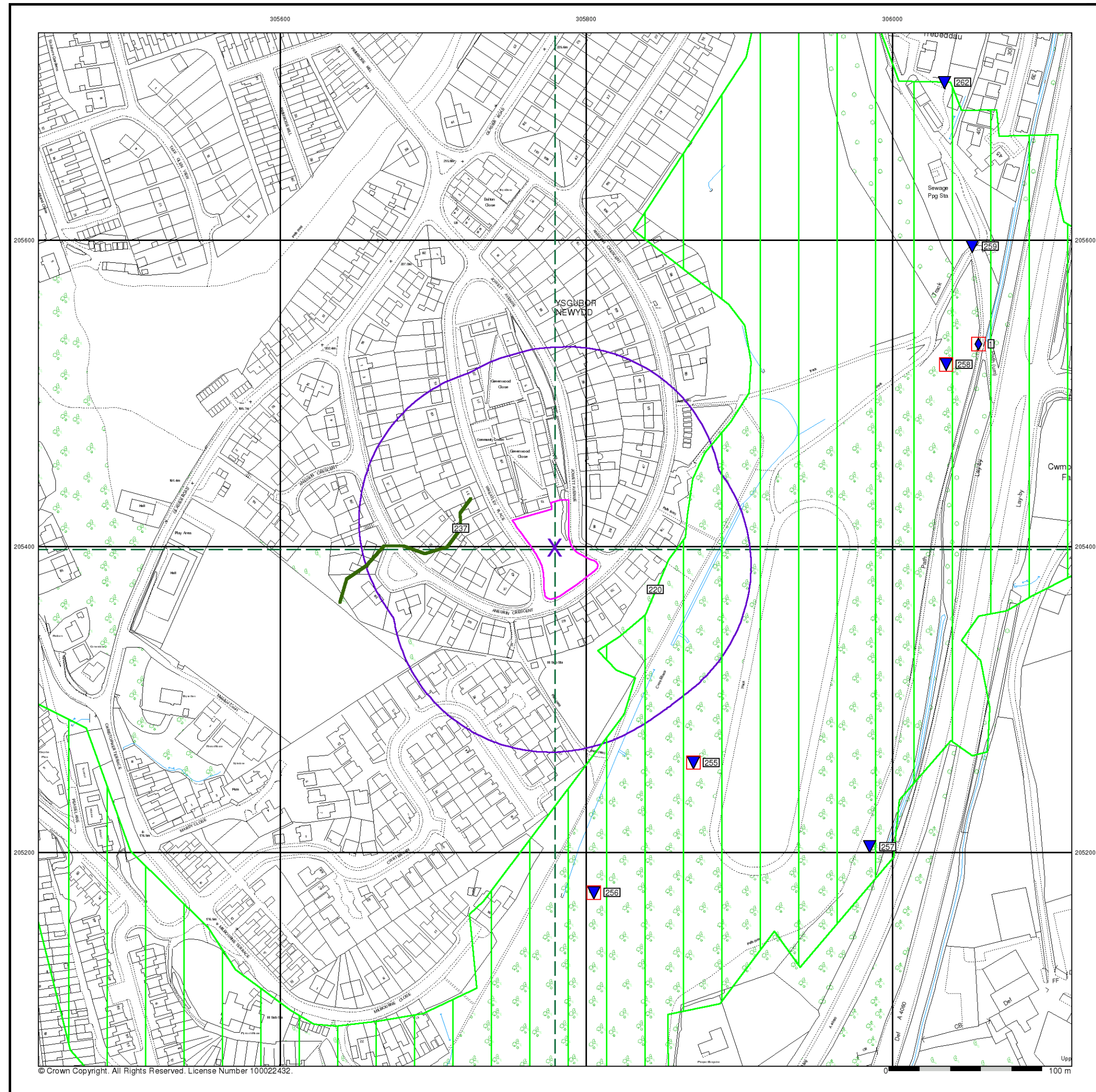
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

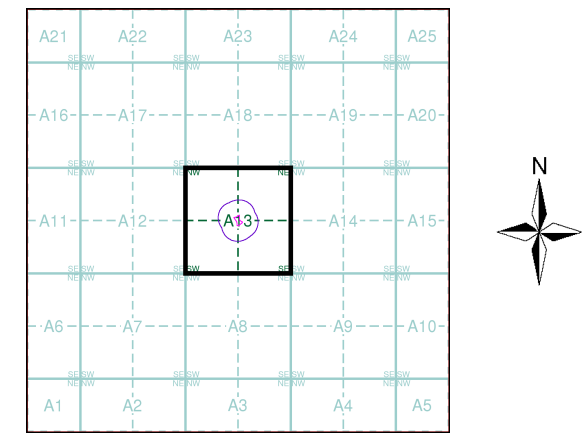


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



- 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
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- 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)
 - 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

Site Sensitivity Map - Segment A13



Order Details

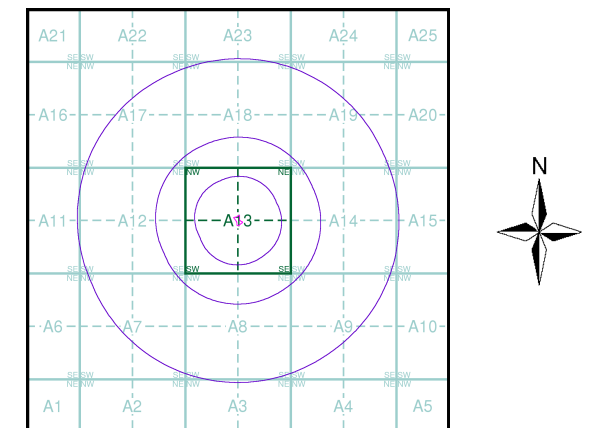
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Plot Buffer (m): 100

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

- 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 and Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- 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)
 - 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

Site Sensitivity Map - Slice A

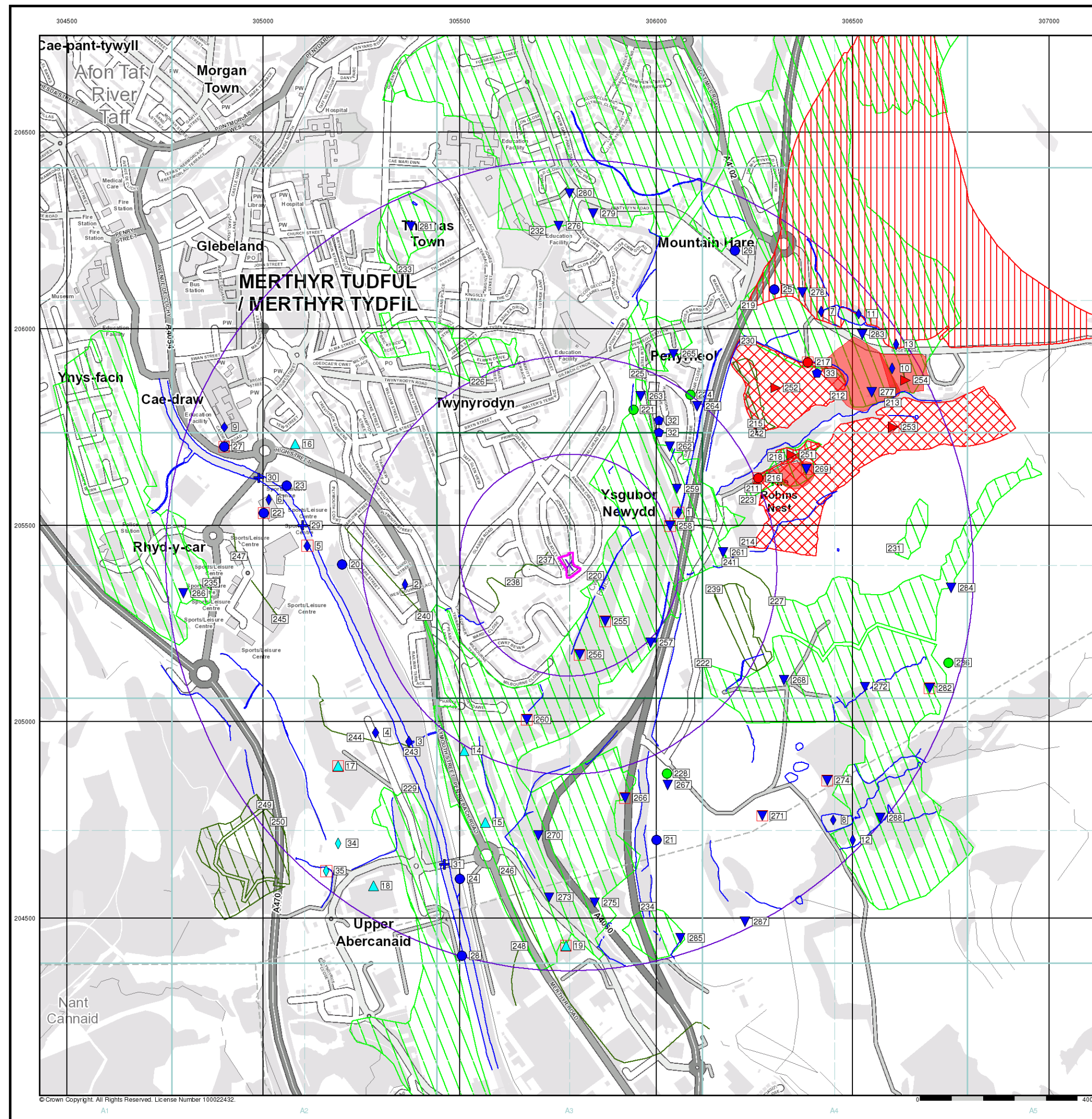


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



Industrial Land Use Map

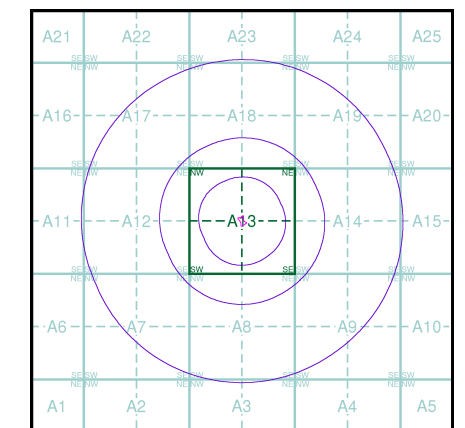
General

-  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

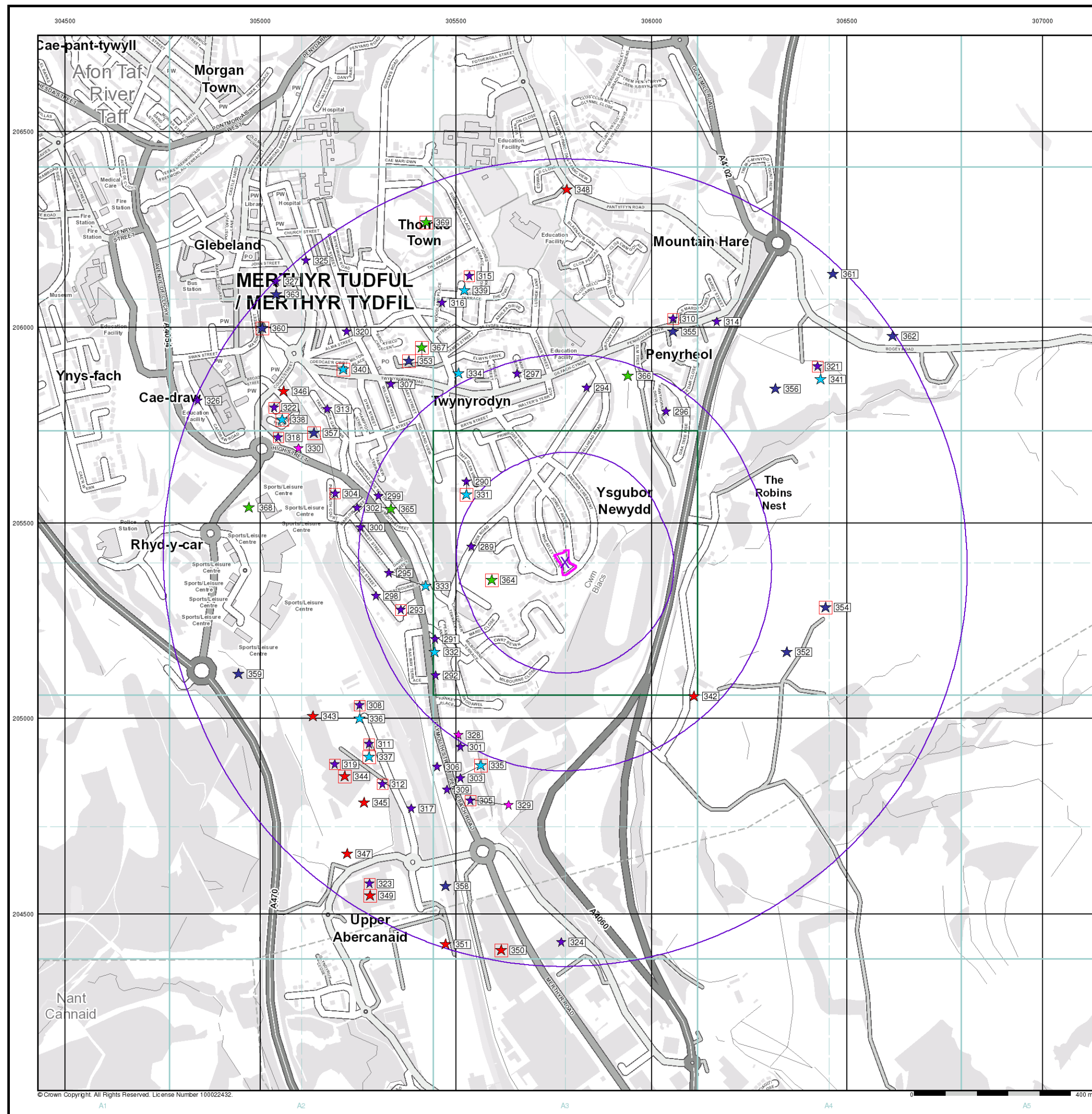


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



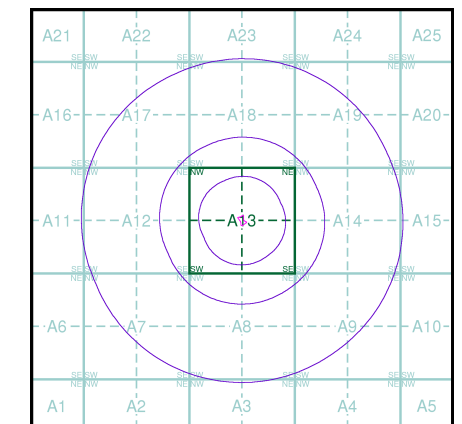
General

-  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

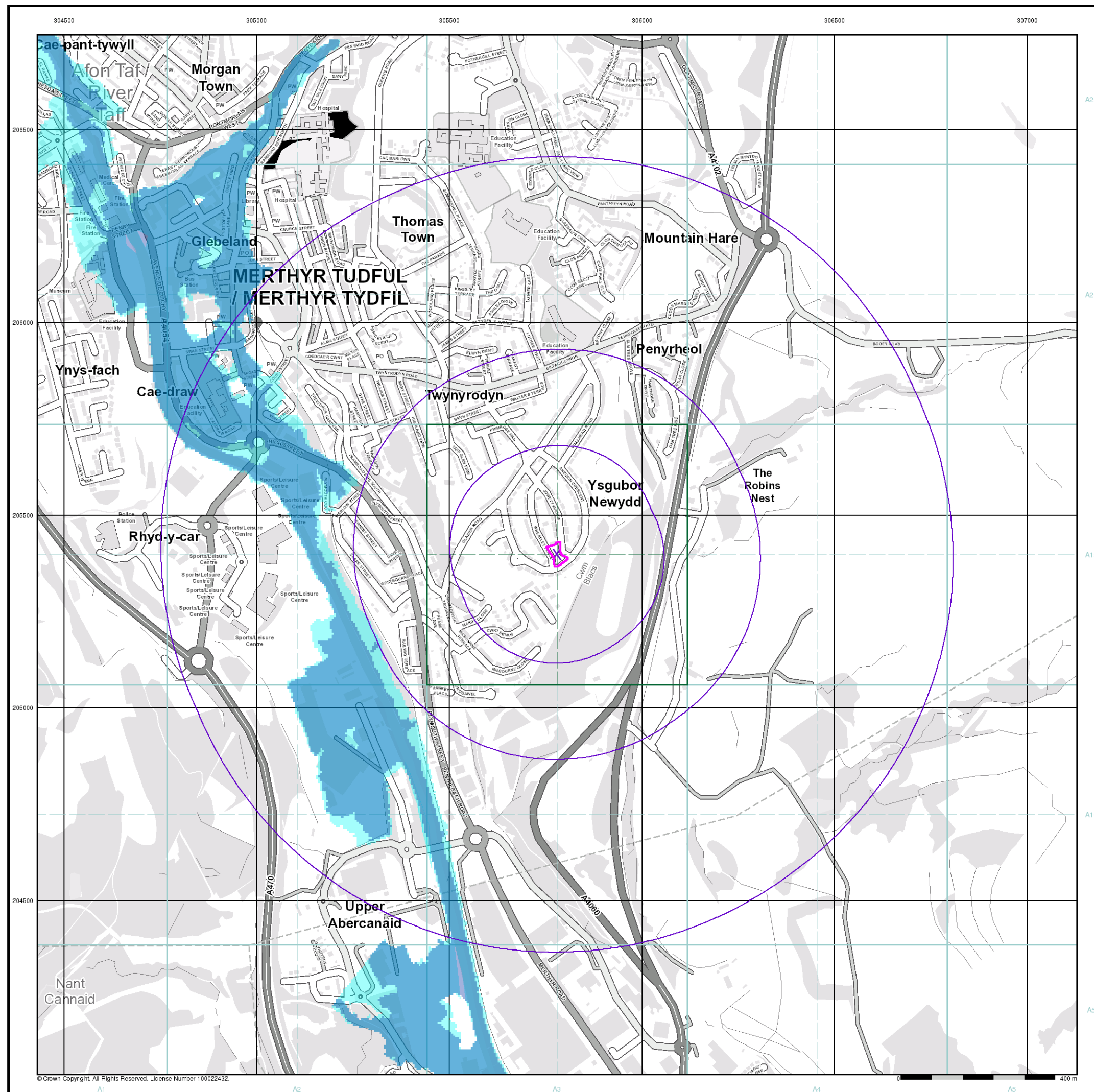


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



General

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

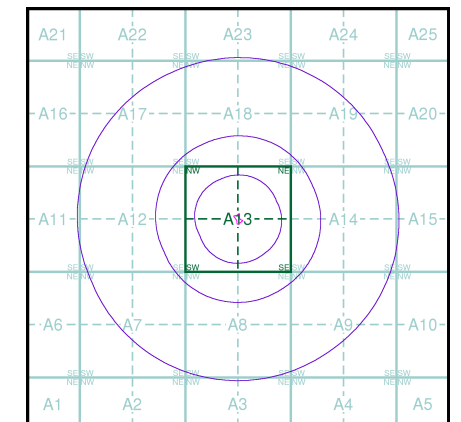
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

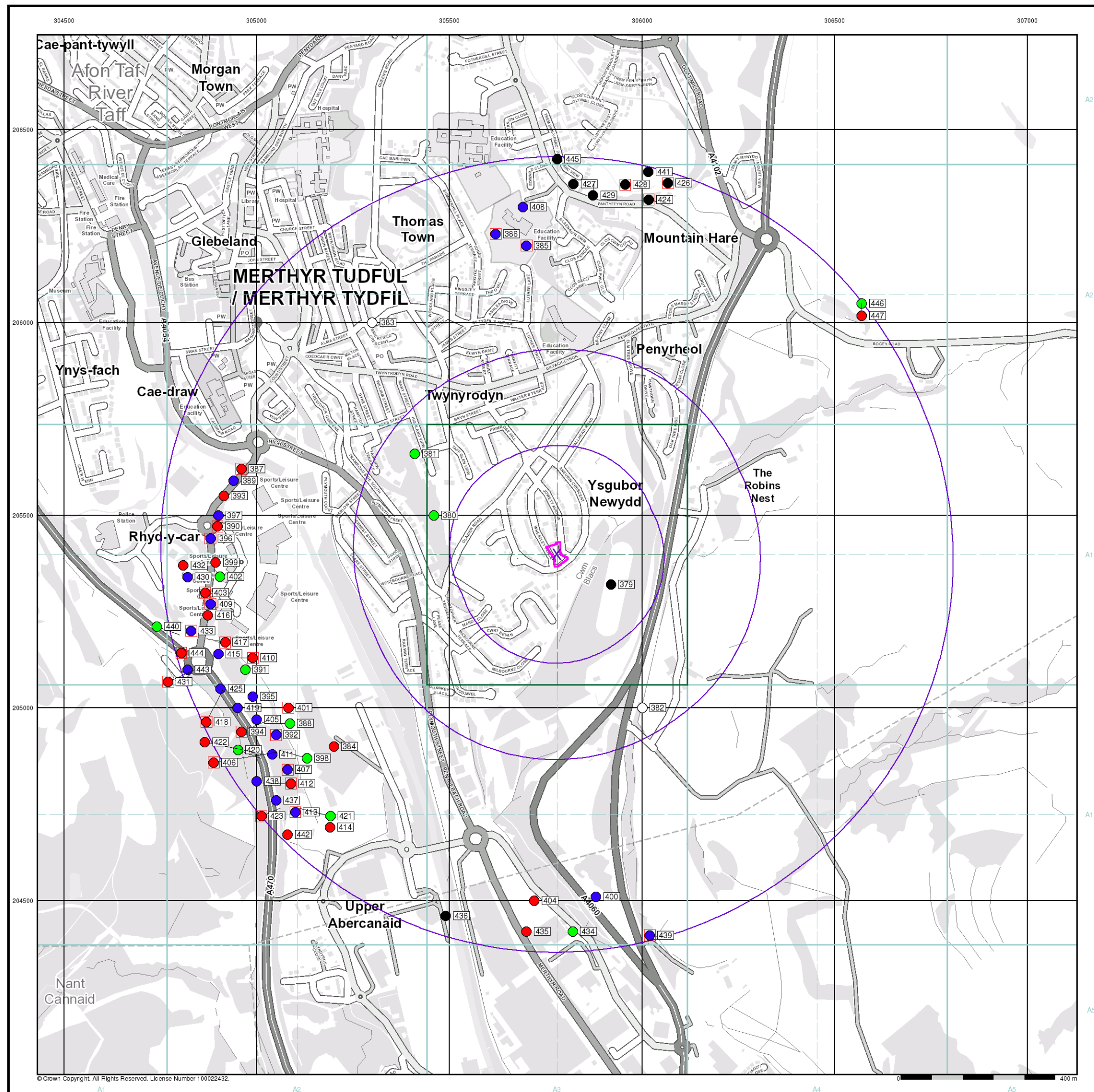


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY





General

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

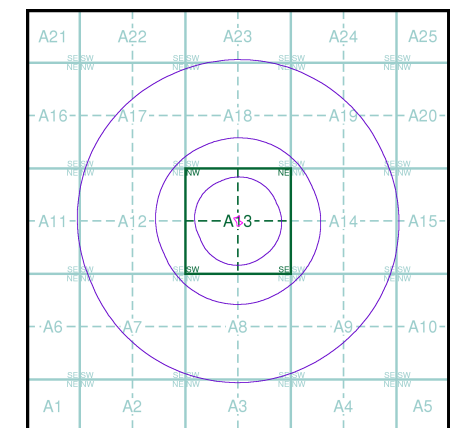
OS Water Network Data

- | | |
|--------------|-------------------------|
| 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
- Master Contour 100
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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

General

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

Risk of Flooding from Surface Water

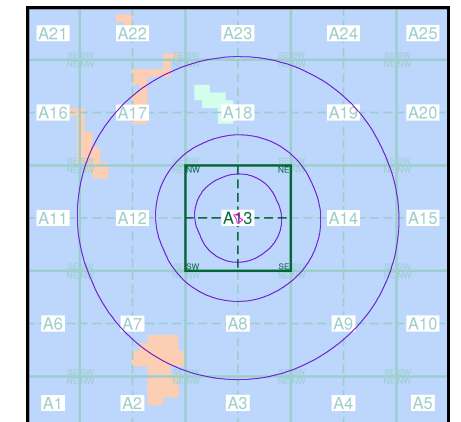
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A

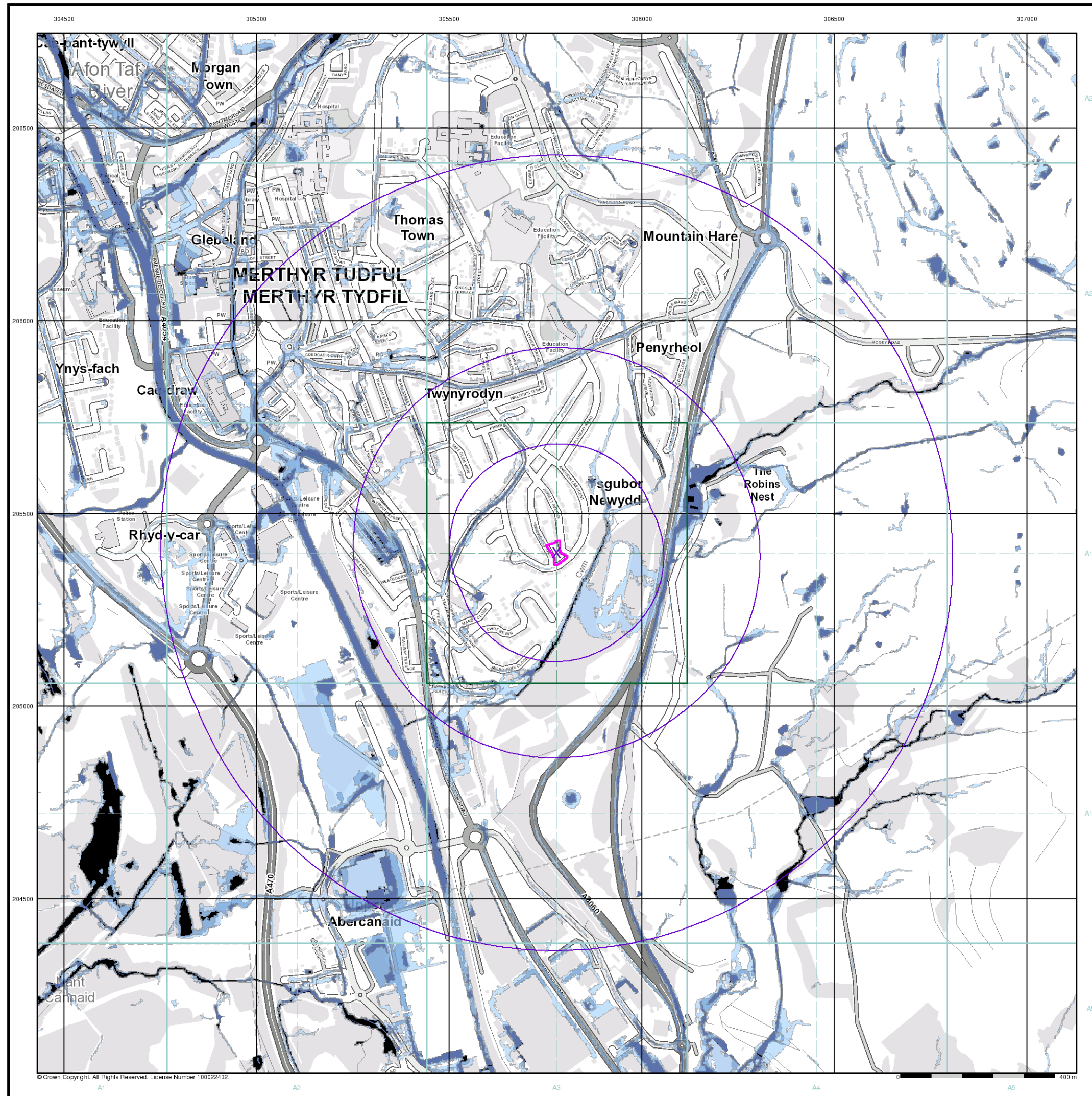


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



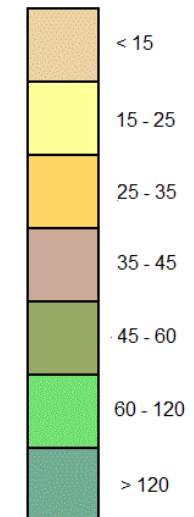


General

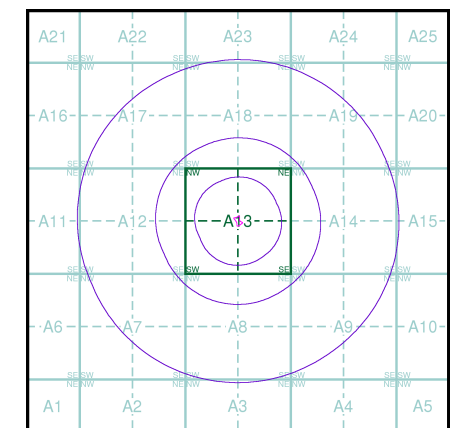
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

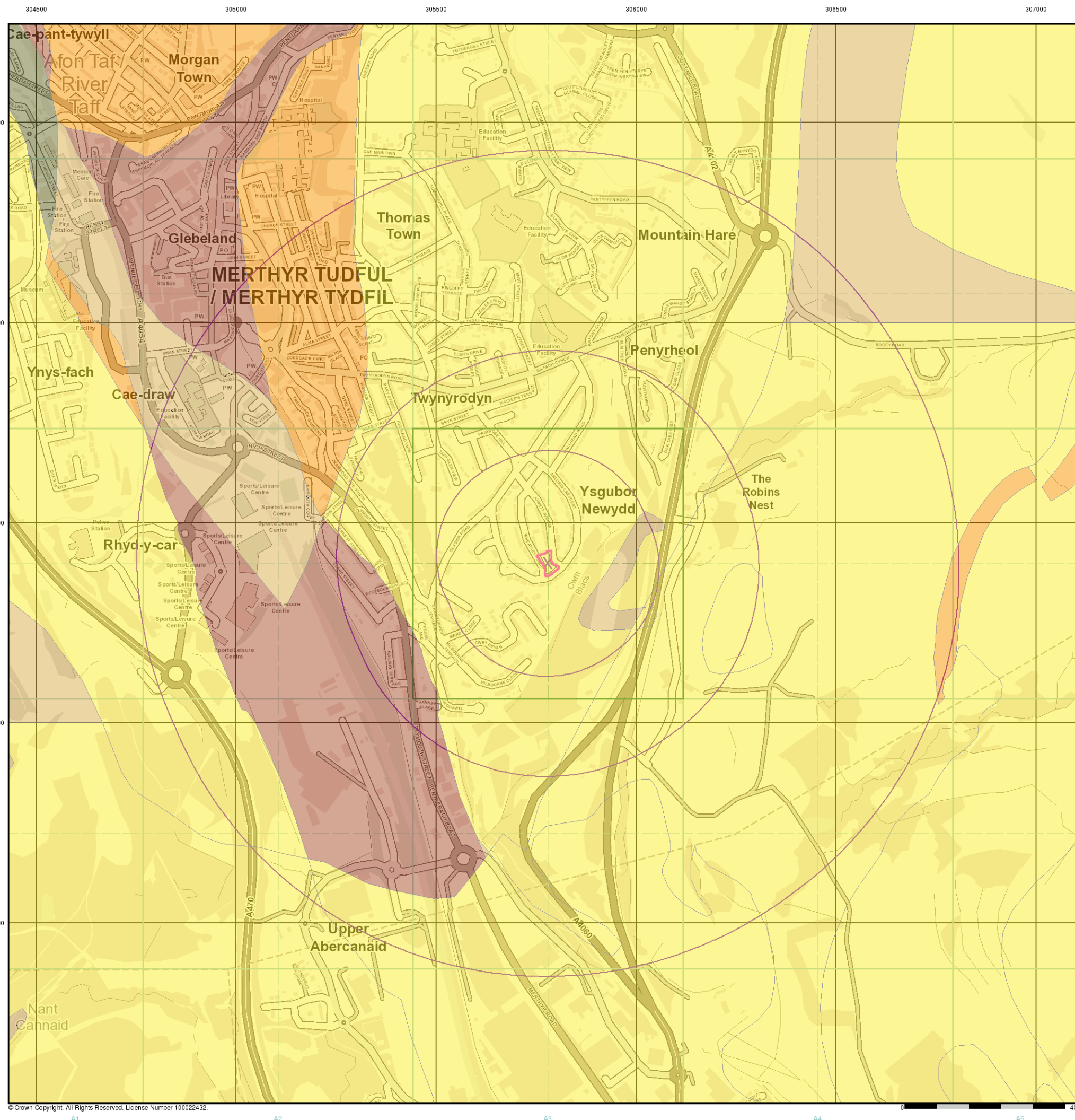
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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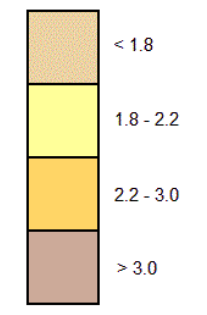


General

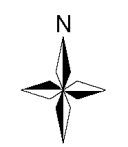
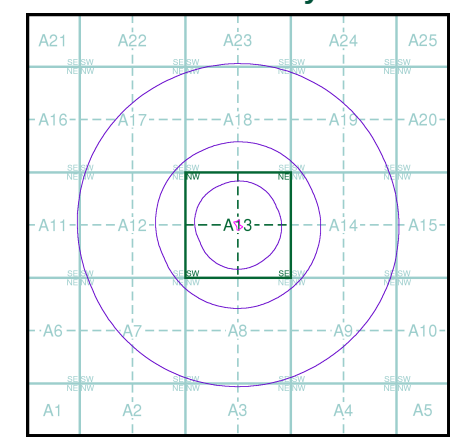
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

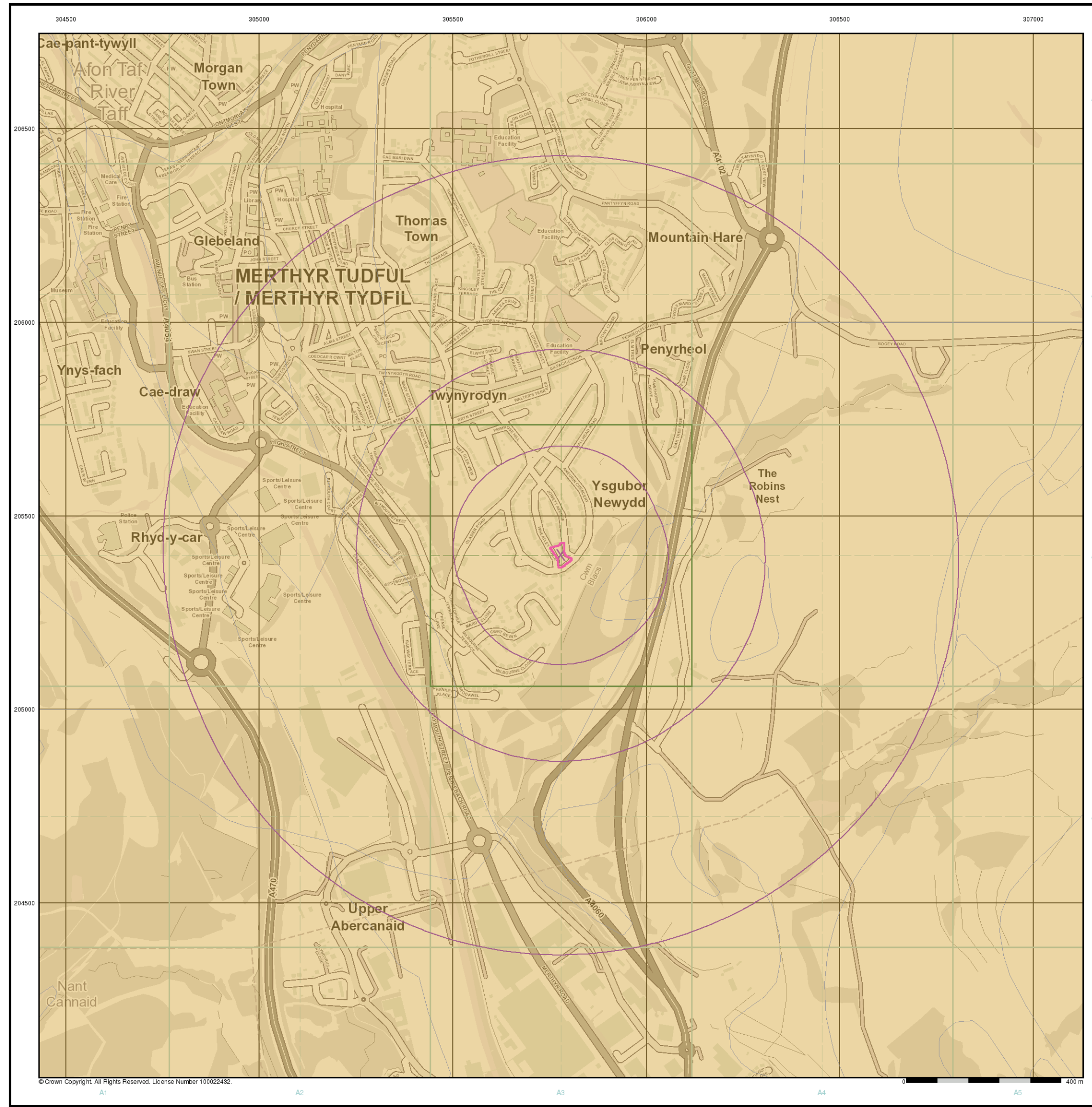
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

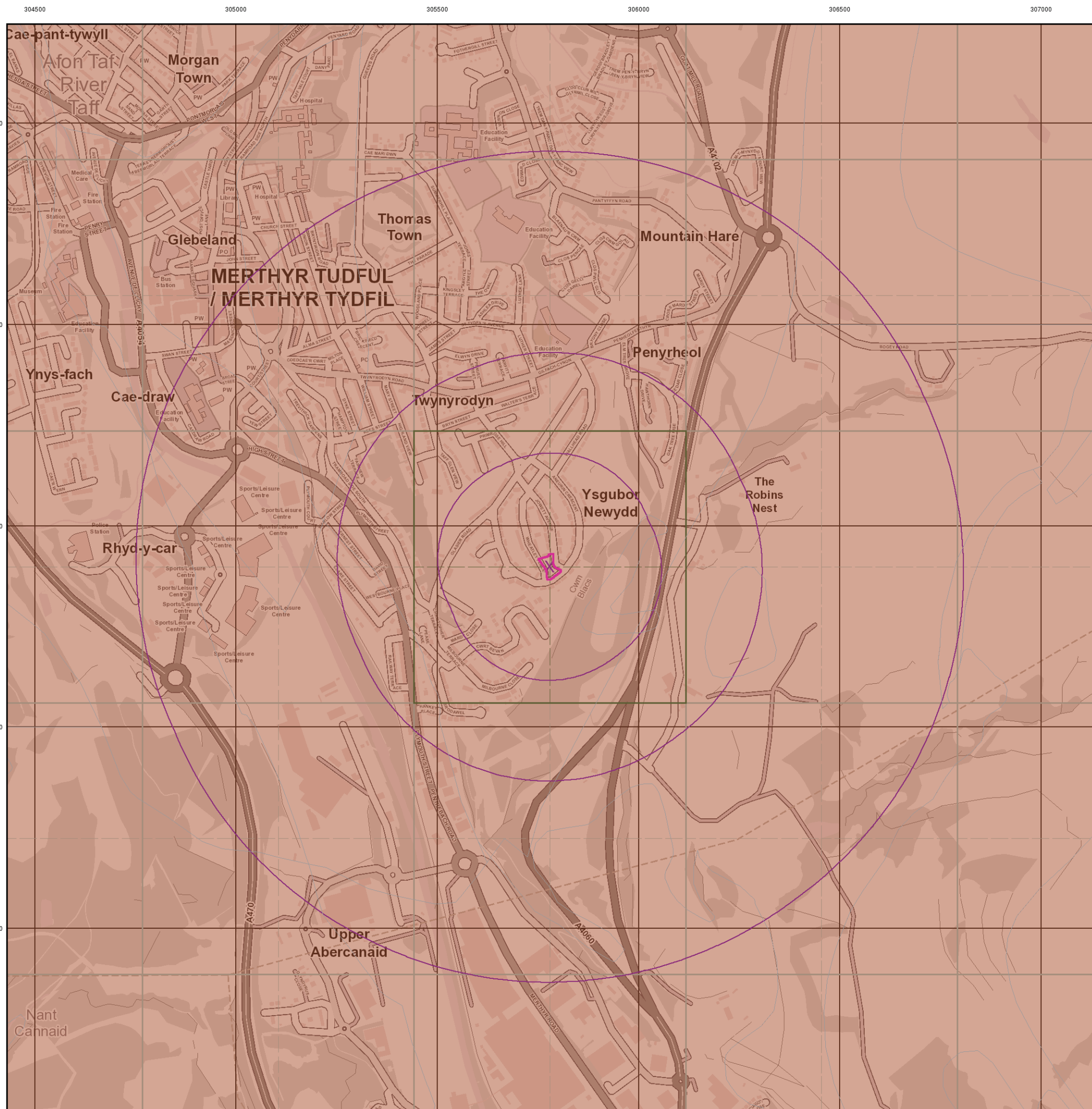
Site Details

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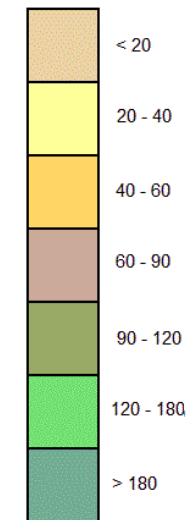


General

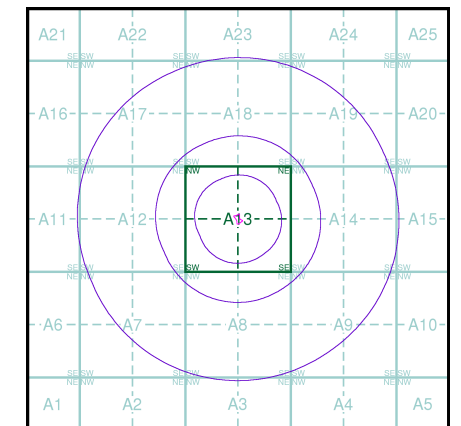
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

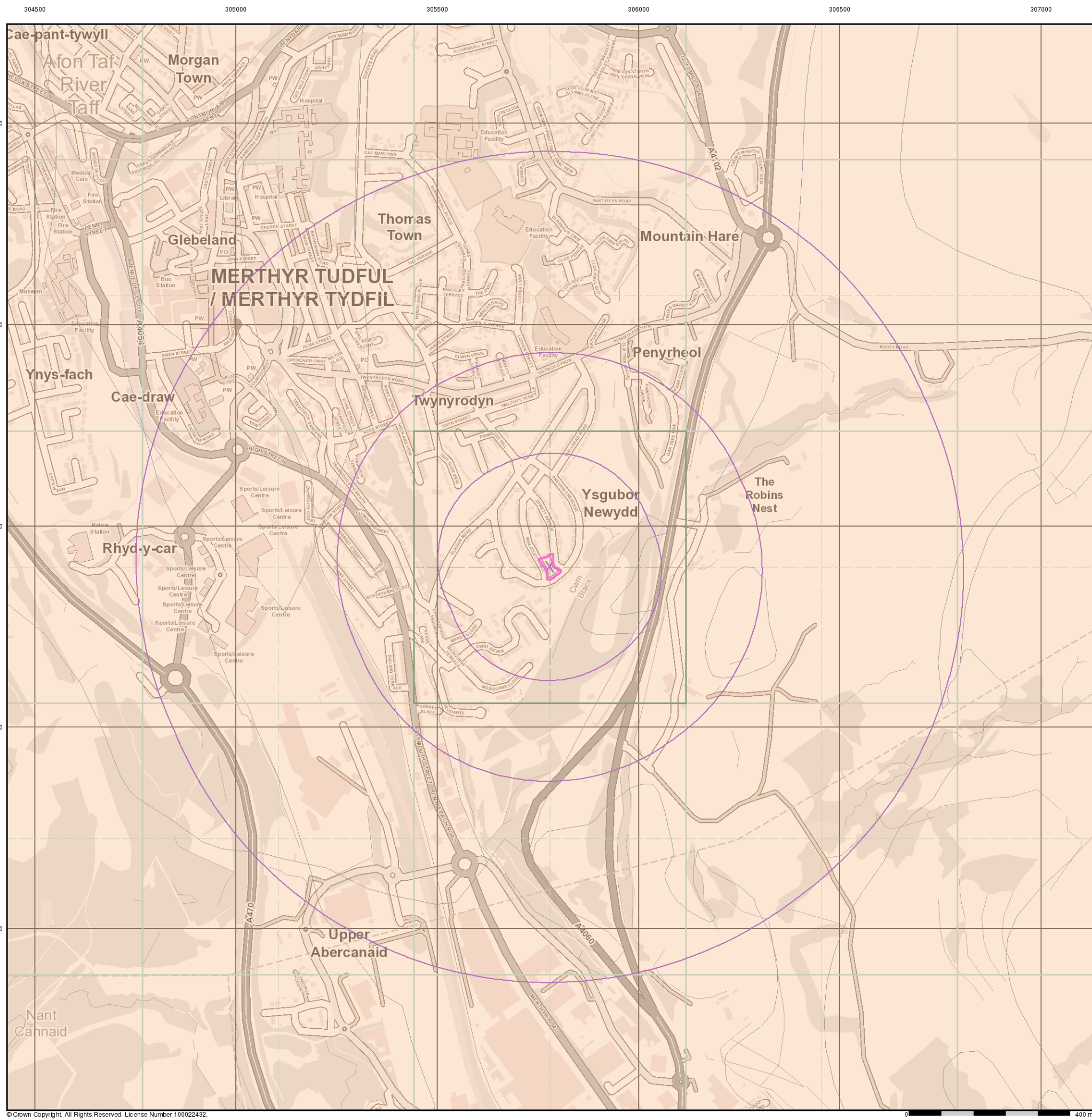
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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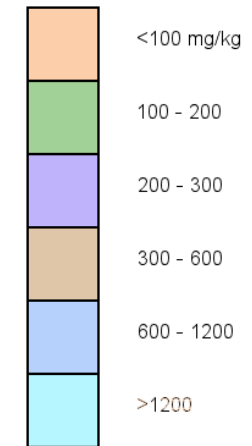


General

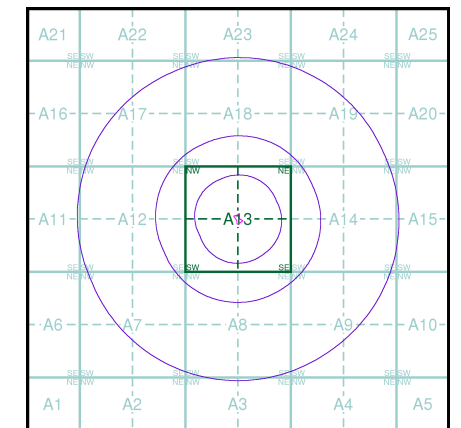
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Tel: 0844 844 9952
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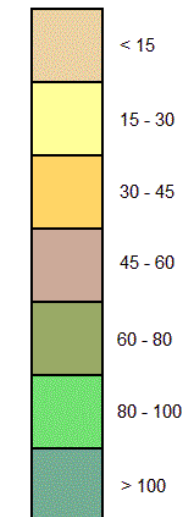


General

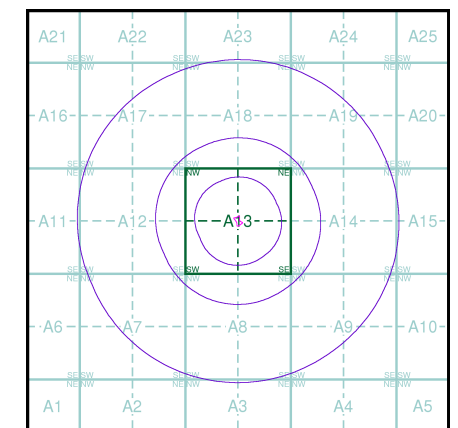
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Glamorganshire

Published 1875

Source map scale - 1:528

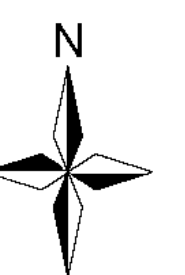
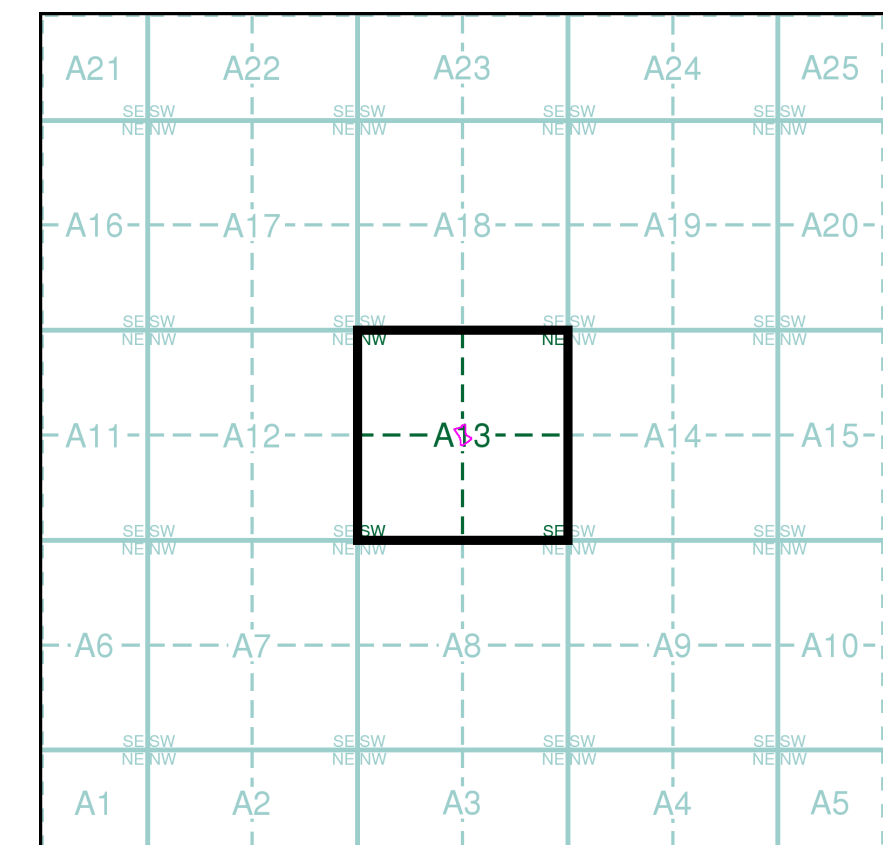
The 1:528 scale Ordnance Survey mapping was adopted in 1850 as an alternative to the 1:1056 scale, that had been deemed to be inadequate for sanitary planning, which had come very much to the fore following the passing of the Public Health Act of 1948. Around 29 towns in England and Wales were surveyed at this scale, the bulk of which were undertaken between 1850 and 1855. These were predominantly towns that were outside the areas being surveyed at 1:10,560 or 1:2500 scale. As well as showing the details characteristic of the later 1:500 plans, they show features of sanitary interest such as privies, taps, cow houses, cess pits, brew and bake houses and cart sheds and stables.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

012_05_009	012_05_010	
1875	1875	
1:528	1:528	
012_05_014	012_05_015	012_06_011
1875	1875	1875
1:528	1:528	1:528
012_05_019	012_05_020	012_06_016
1875	1875	1875
1:528	1:528	1:528

Historical Town Plan - Segment A13



Order Details

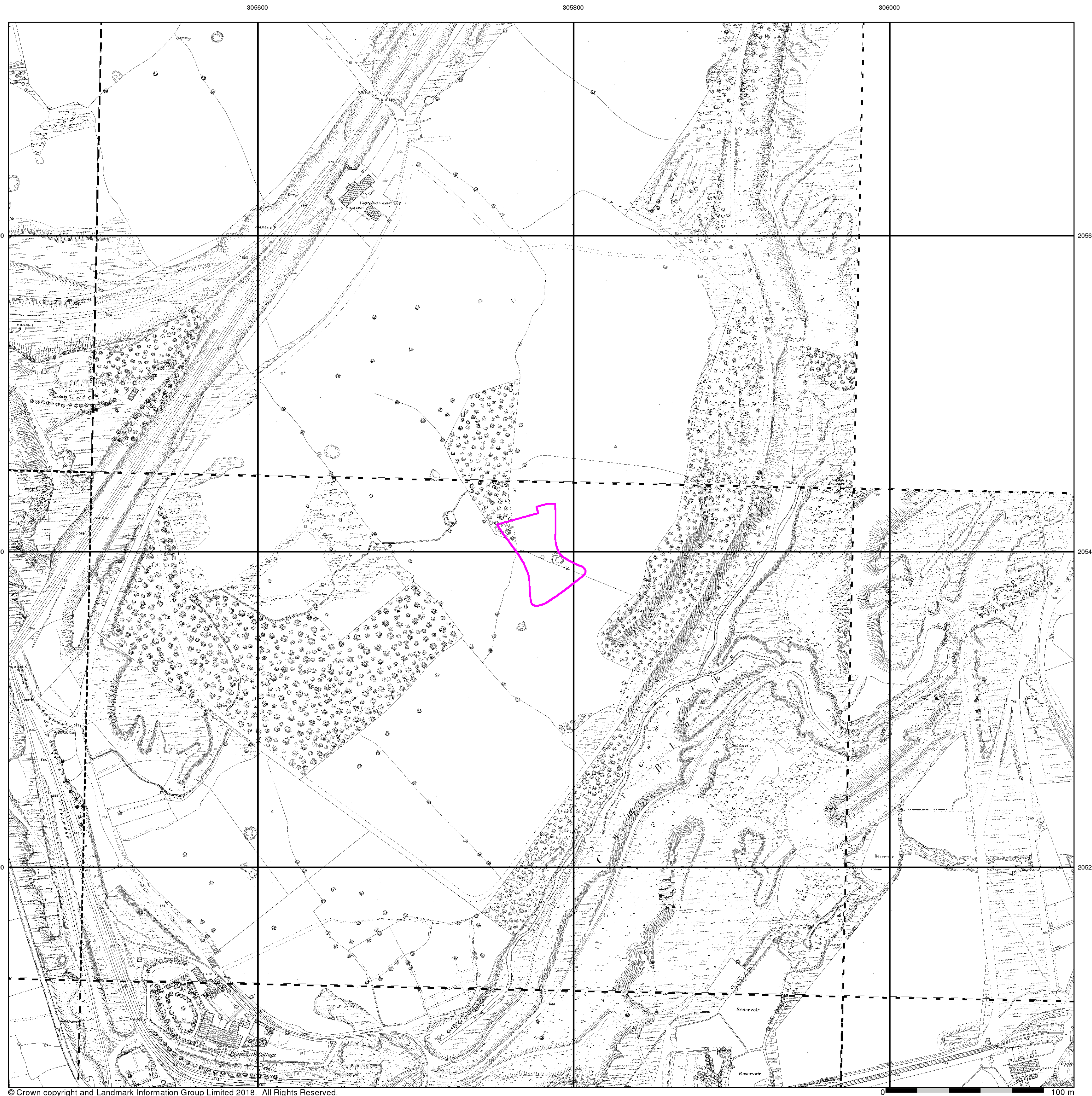
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 0

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

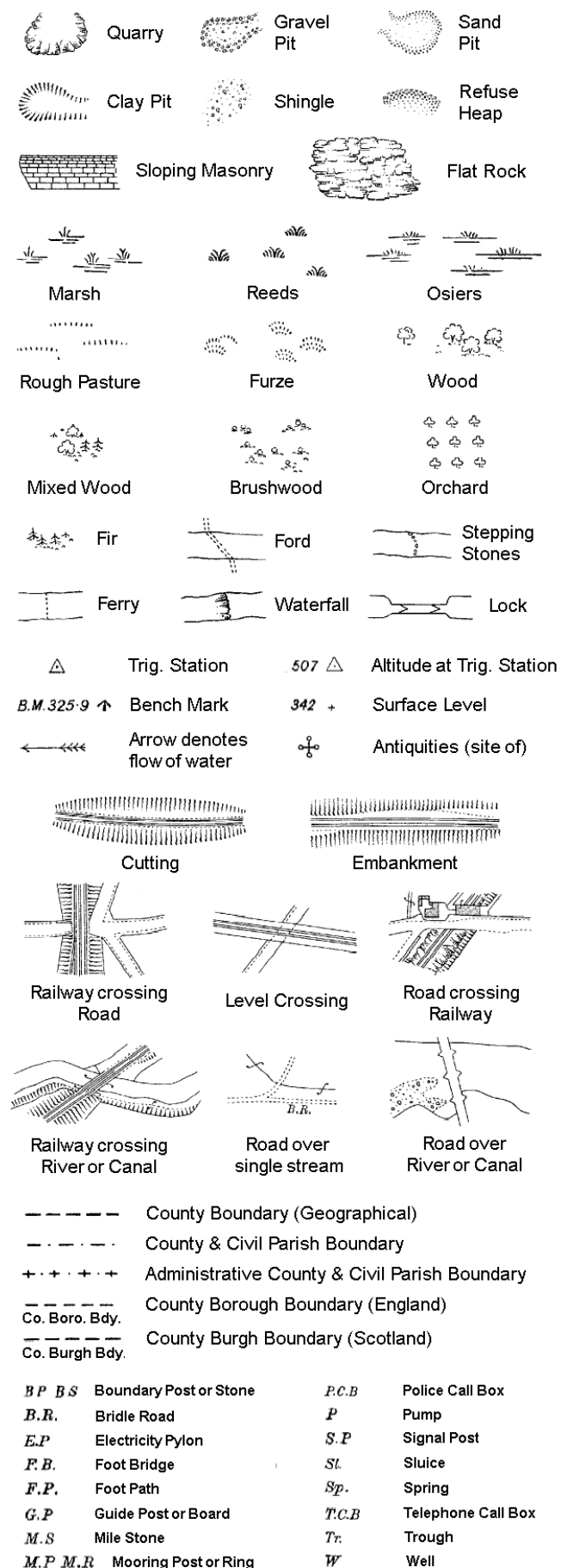


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Historical Mapping Legends

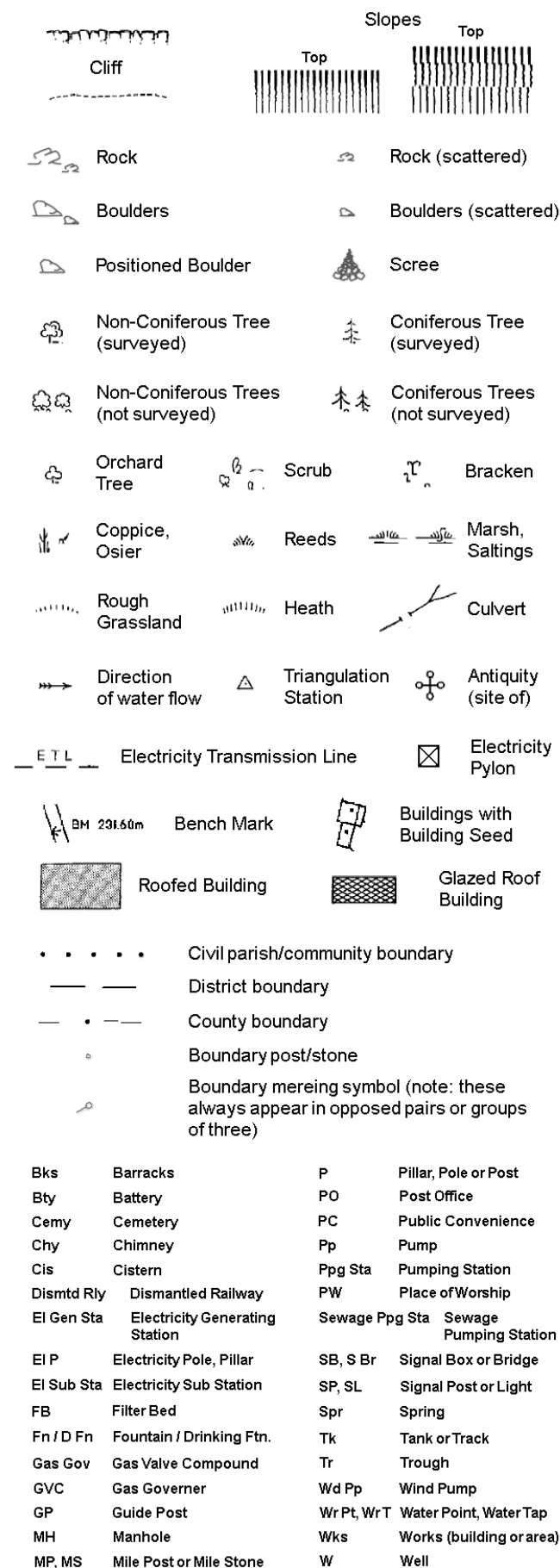
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



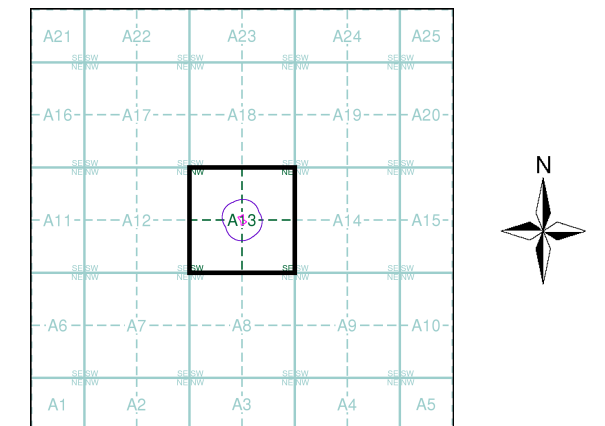
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1919	4
Ordnance Survey Plan	1:1,250	1957	5
Ordnance Survey Plan	1:2,500	1958 - 1964	6
Ordnance Survey Plan	1:1,250	1969 - 1973	7
Supply of Unpublished Survey Information	1:1,250	1975	8
Supply of Unpublished Survey Information	1:2,500	1975	9
Additional SIMs	1:1,250	1981 - 1989	10
Additional SIMs	1:2,500	1988	11
Additional SIMs	1:1,250	1989 - 1992	12
Additional SIMs	1:2,500	1992	13
Large-Scale National Grid Data	1:1,250	1993	14
Large-Scale National Grid Data	1:2,500	1993	15
Large-Scale National Grid Data	1:2,500	1993	16
Large-Scale National Grid Data	1:1,250	1994 - 1995	17
Large-Scale National Grid Data	1:1,250	1995	18
Large-Scale National Grid Data	1:1,250	1996	19
Large-Scale National Grid Data	1:1,250	1996	20
Historical Aerial Photography	1:2,500	2000	21

Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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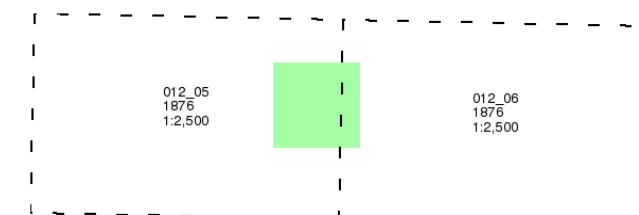
Glamorganshire

Published 1876

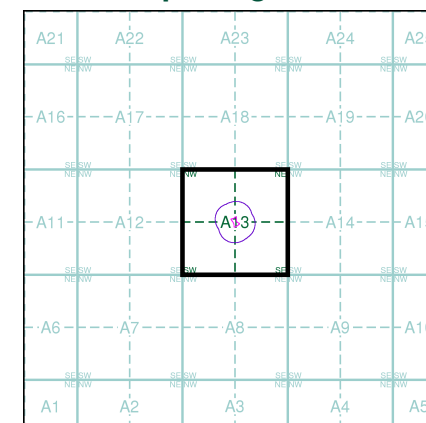
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

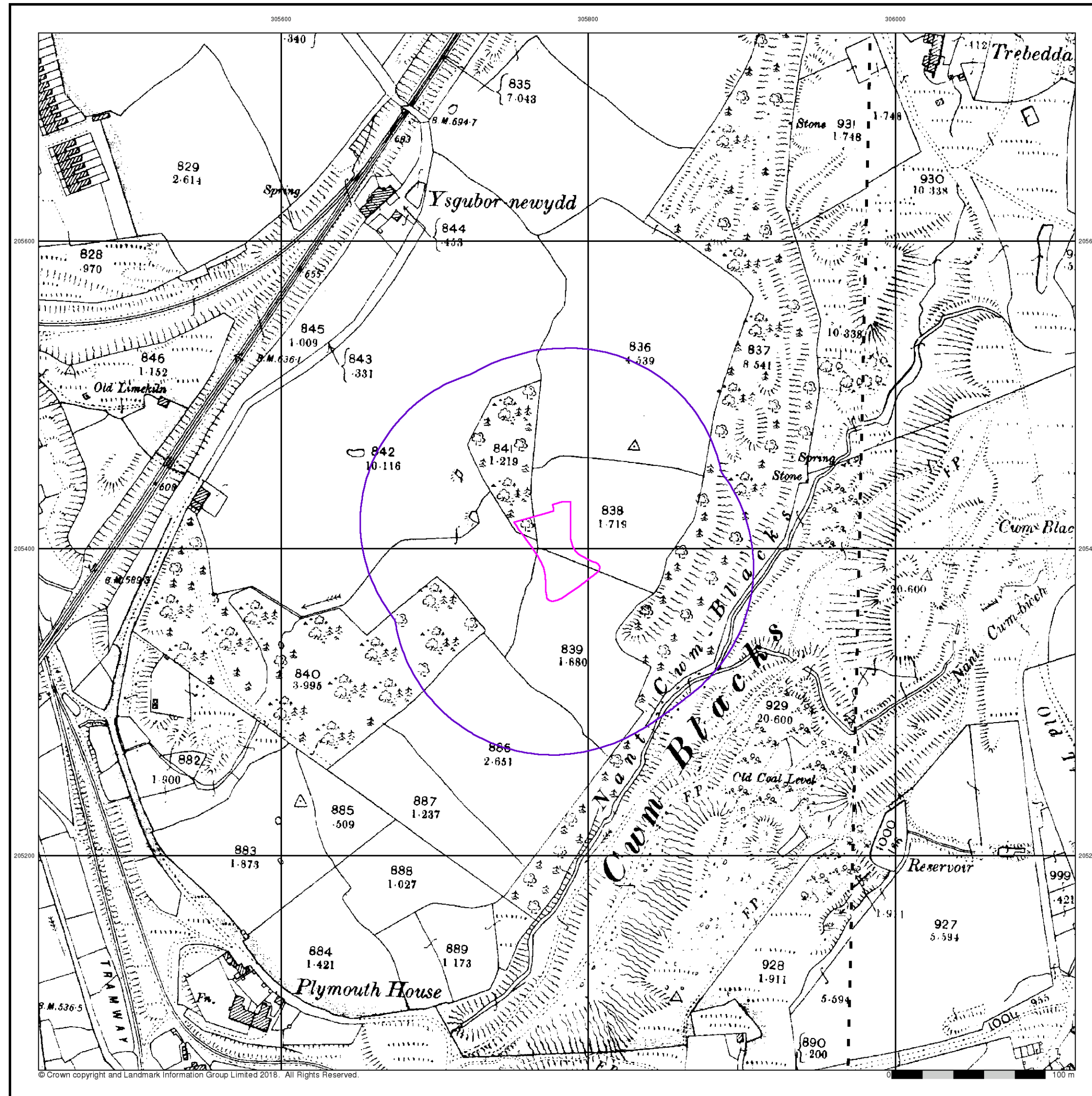
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Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

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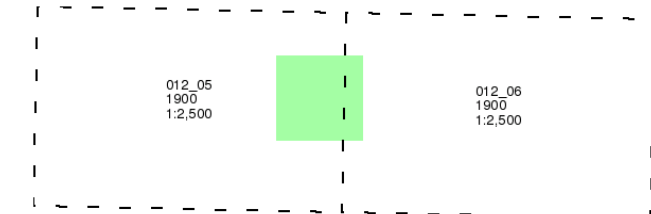
Glamorganshire

Published 1900

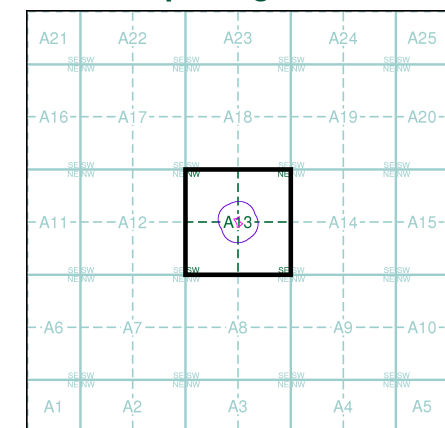
Source map scale - 1:2,500

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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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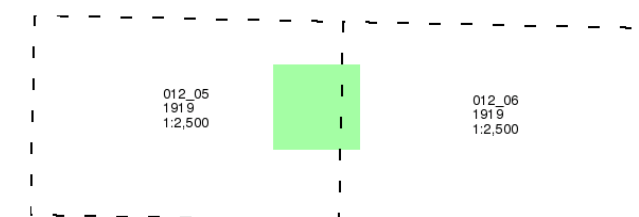
Glamorganshire

Published 1919

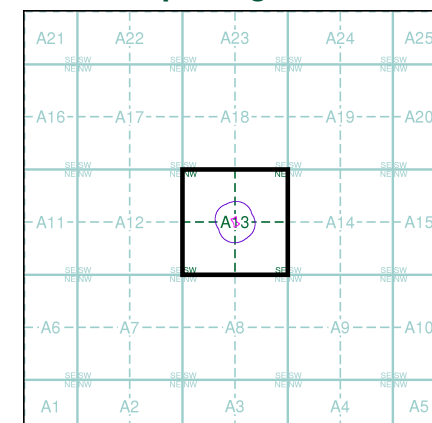
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1957

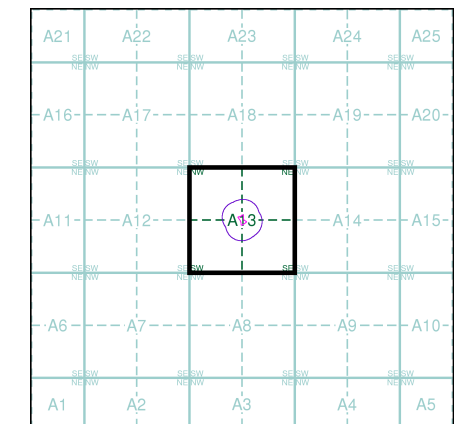
Source map scale - 1:1,250

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)

SO0505NW 1957 1:1,250	SO0505NE 1957 1:1,250
SO0505SW 1957 1:1,250	SO0505SE 1957 1:1,250

Historical Map - Segment A13



Order Details

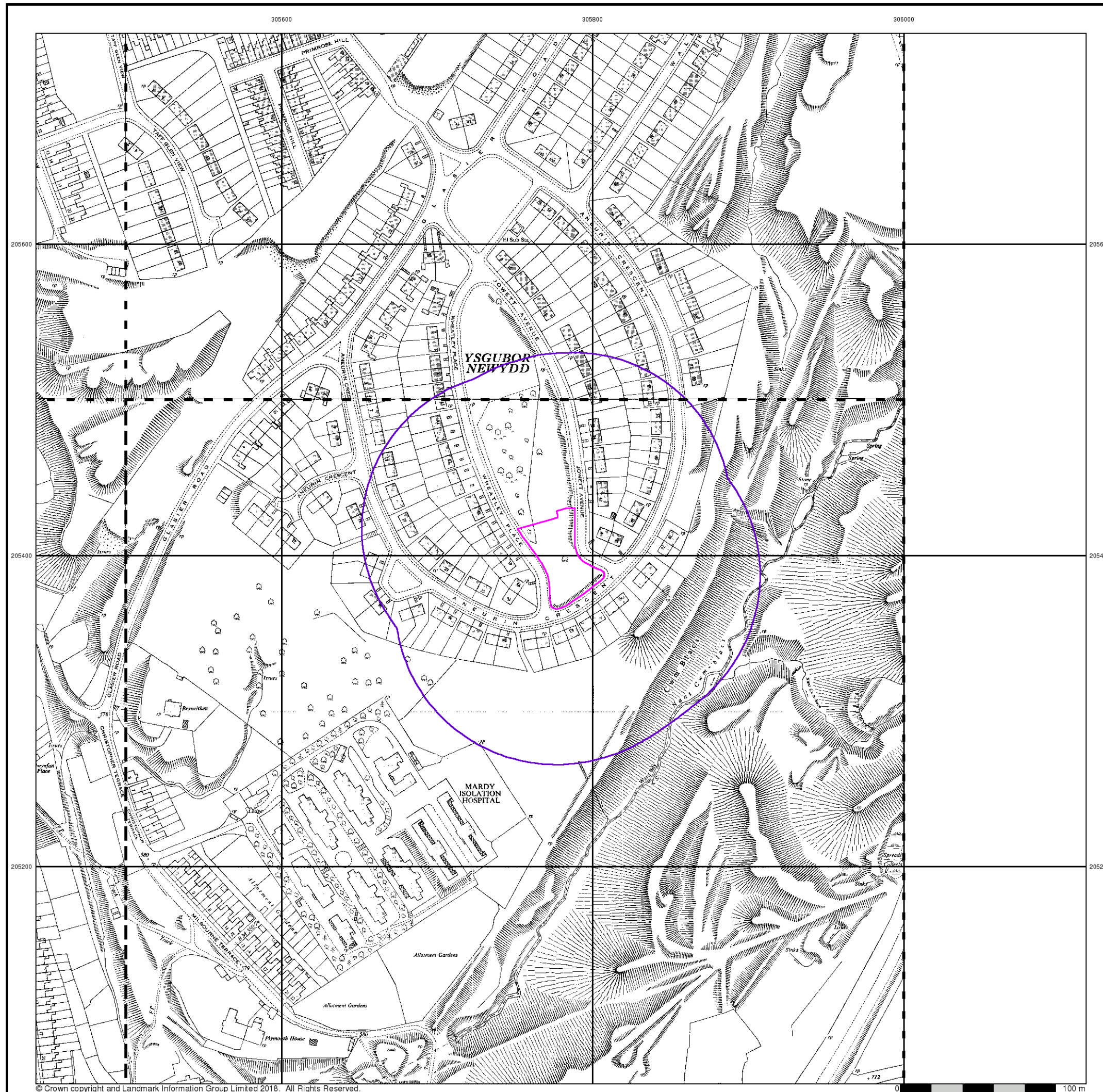
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National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
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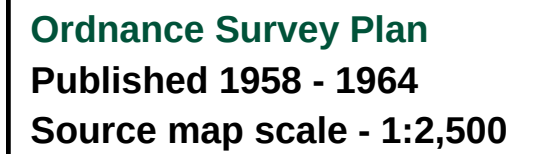
Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



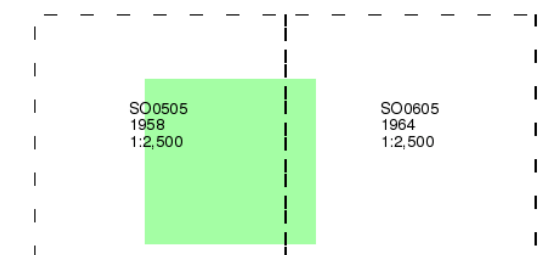
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



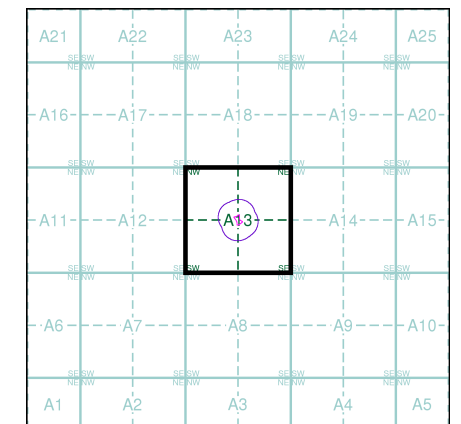


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1969 - 1973

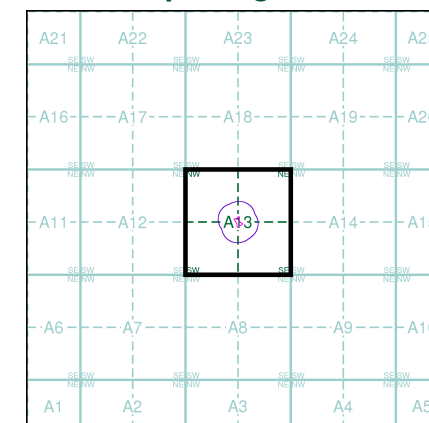
Source map scale - 1:1,250

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)

SO0505NW 1969 1:1,250	SO0505NE 1973 1:1,250
SO0505SW 1969 1:1,250	SO0505SE 1969 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Supply of Unpublished Survey Information

Published 1975

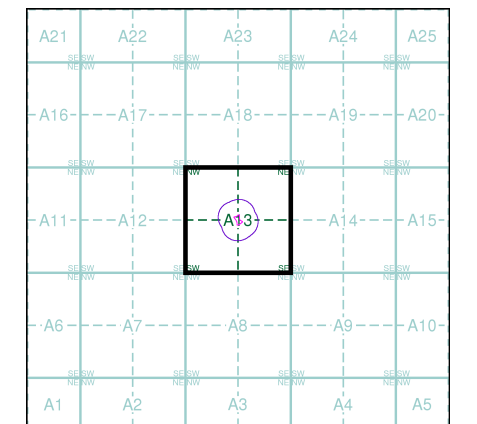
Source map scale - 1:1,250

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)

SO0505NW 1975 1:1,250	SO0505NE 1975 1:1,250
SO0505SW 1975 1:1,250	SO0505SE 1975 1:1,250

Historical Map - Segment A13



Order Details

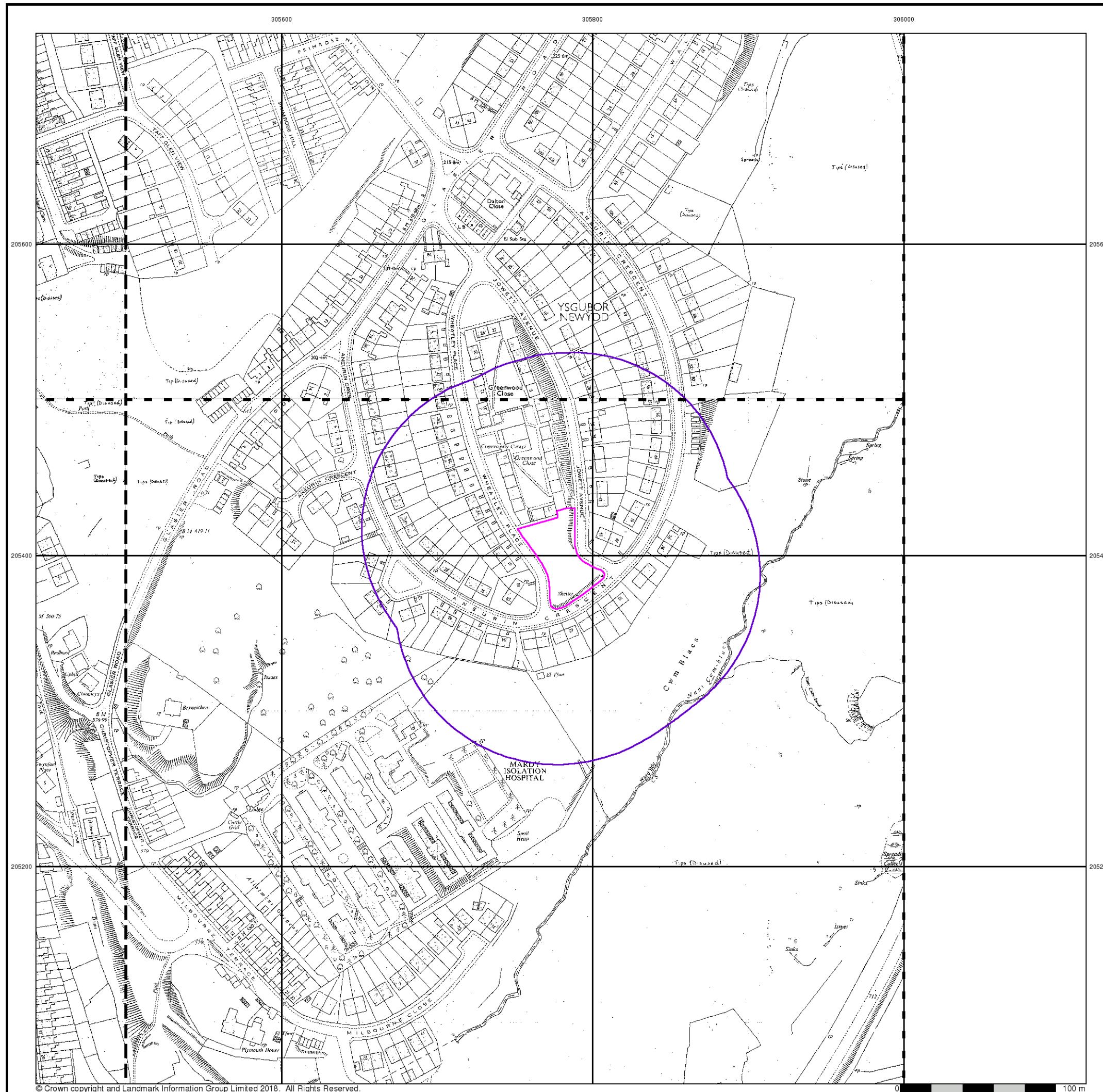
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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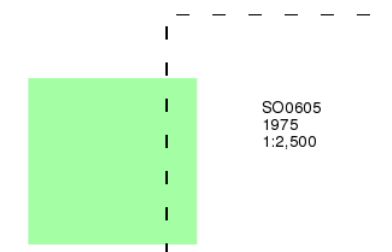
Supply of Unpublished Survey Information

Published 1975

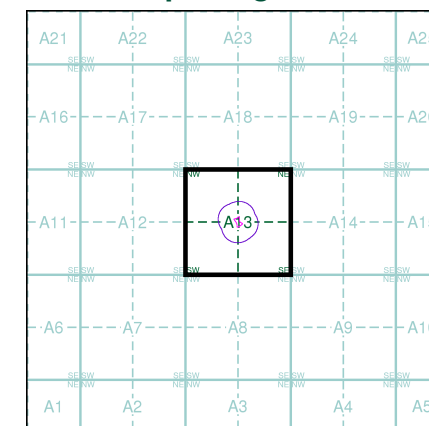
Source map scale - 1:2,500

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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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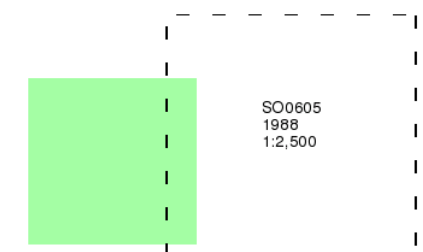
Additional SIMs

Published 1988

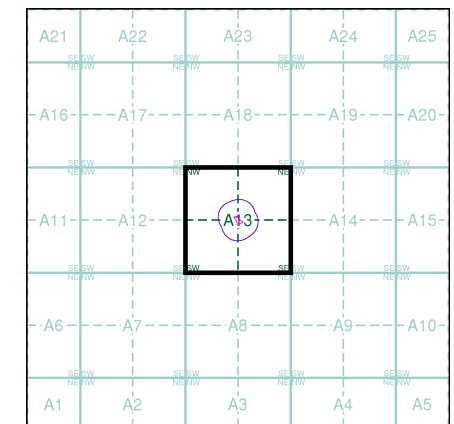
Source map scale - 1:2,500

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

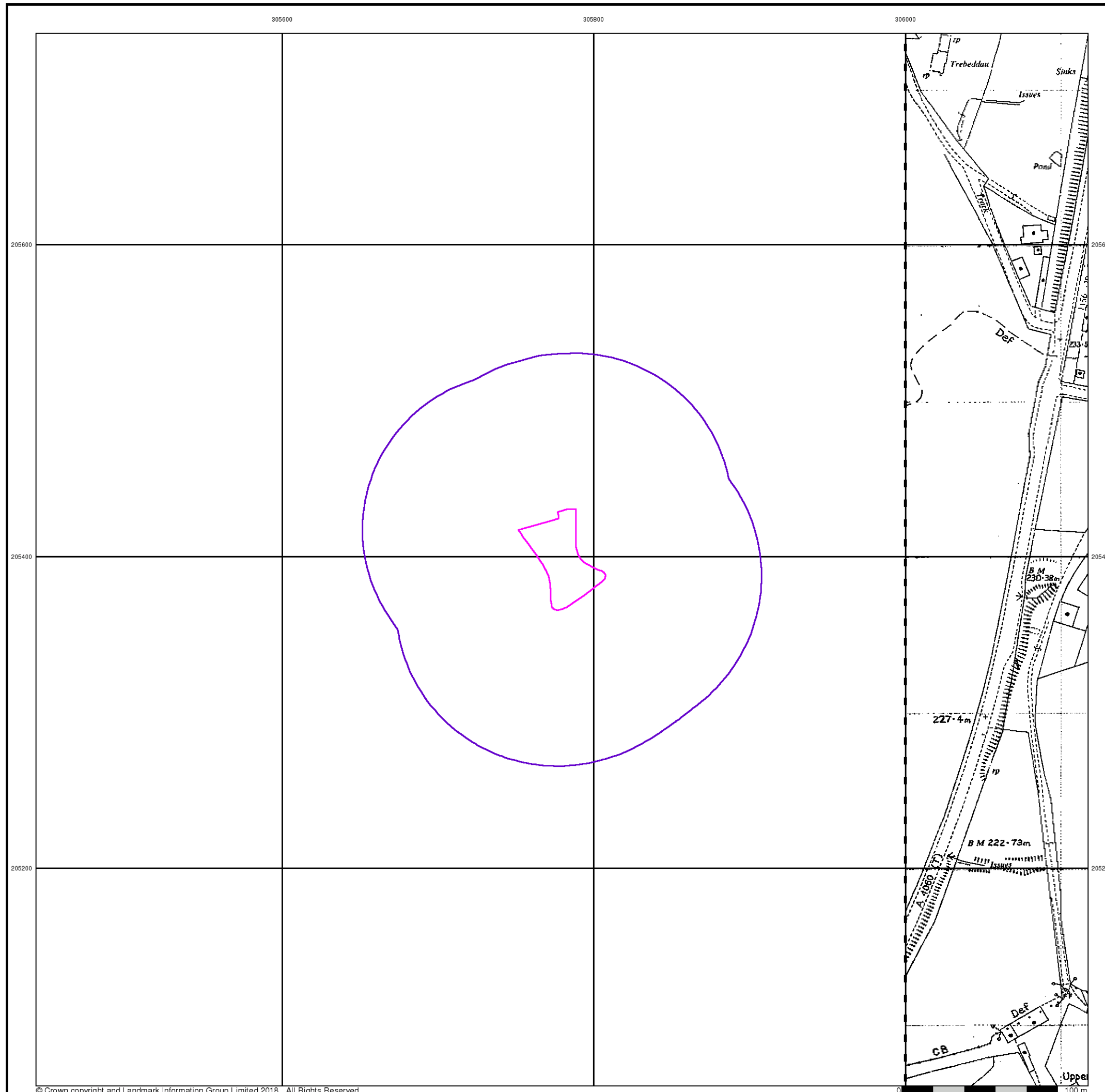
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1989 - 1992

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.

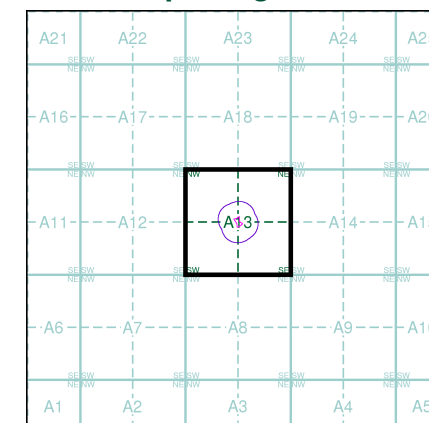
Map Name(s) and Date(s)

SO0505NW
1989
1:1,250

SO0505SW
1989
1:1,250

SO0505SE
1992
1:1,250

Historical Map - Segment A13



Order Details

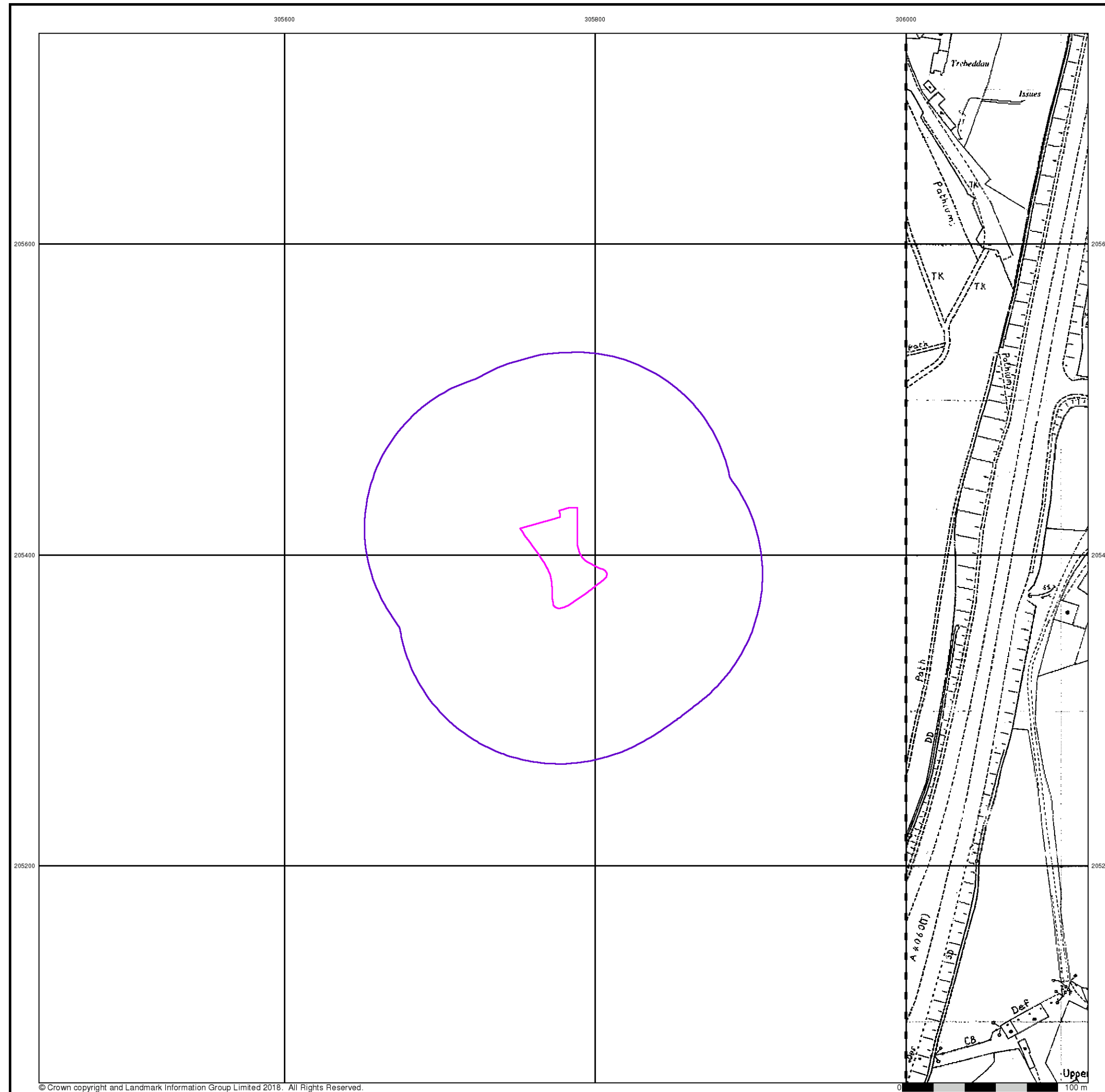
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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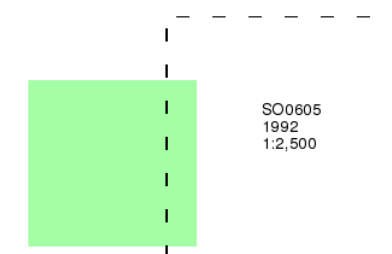
Additional SIMs

Published 1992

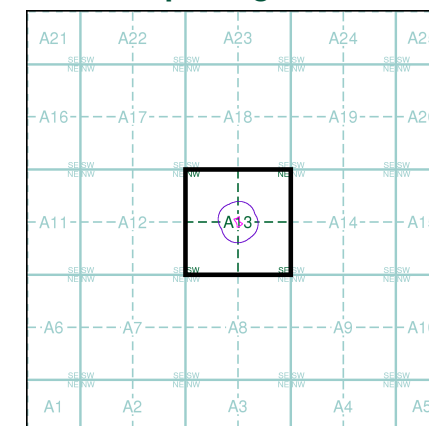
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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Large-Scale National Grid Data

Published 1993

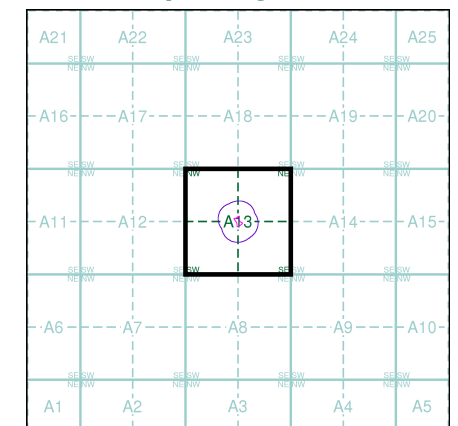
Source map scale - 1:1,250

'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)

SO0505NW 1993 1:1,250	SO0505NE 1993 1:1,250
SO0505SW 1993 1:1,250	SO0505SE 1993 1:1,250

Historical Map - Segment A13



Order Details

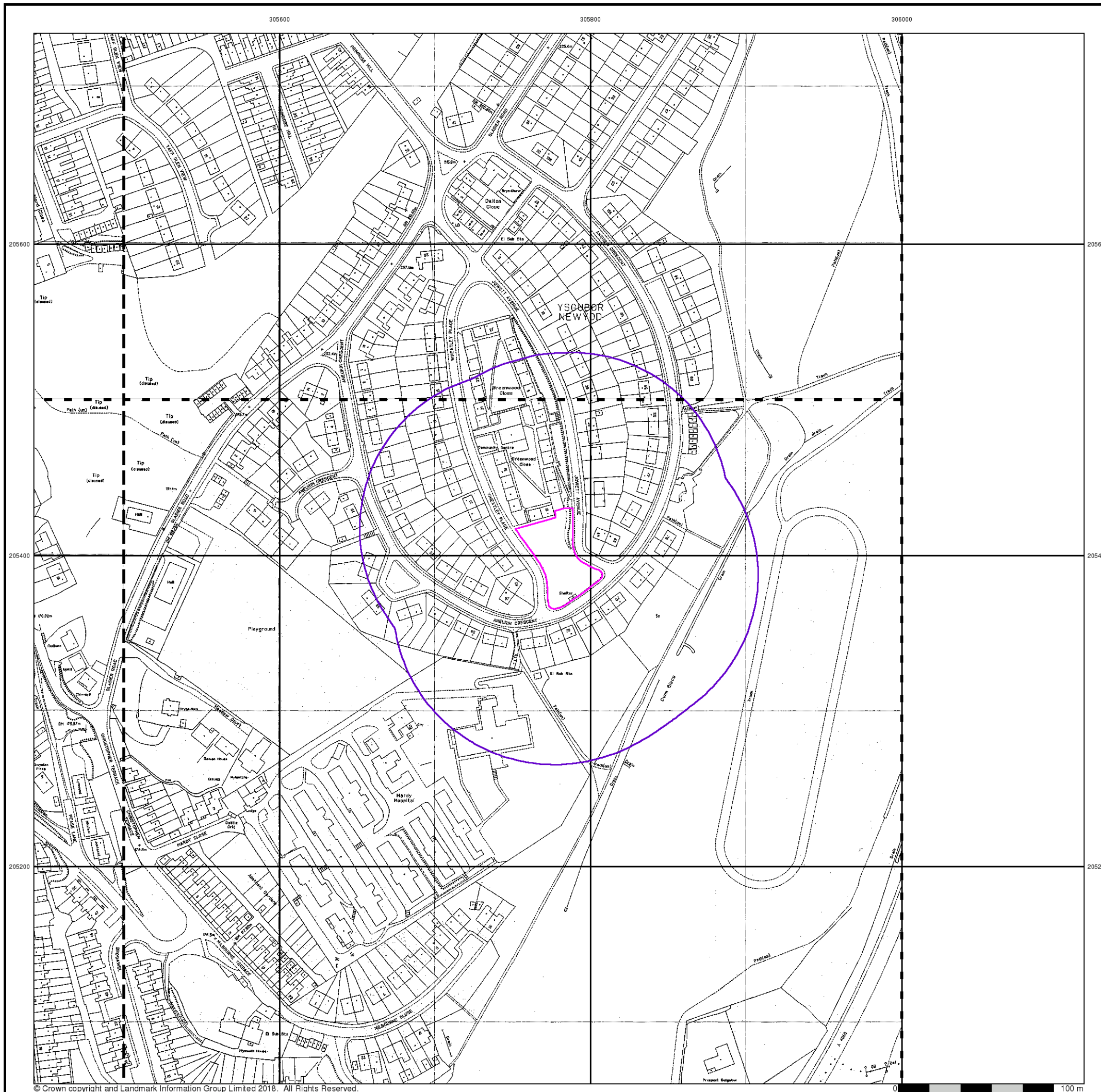
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

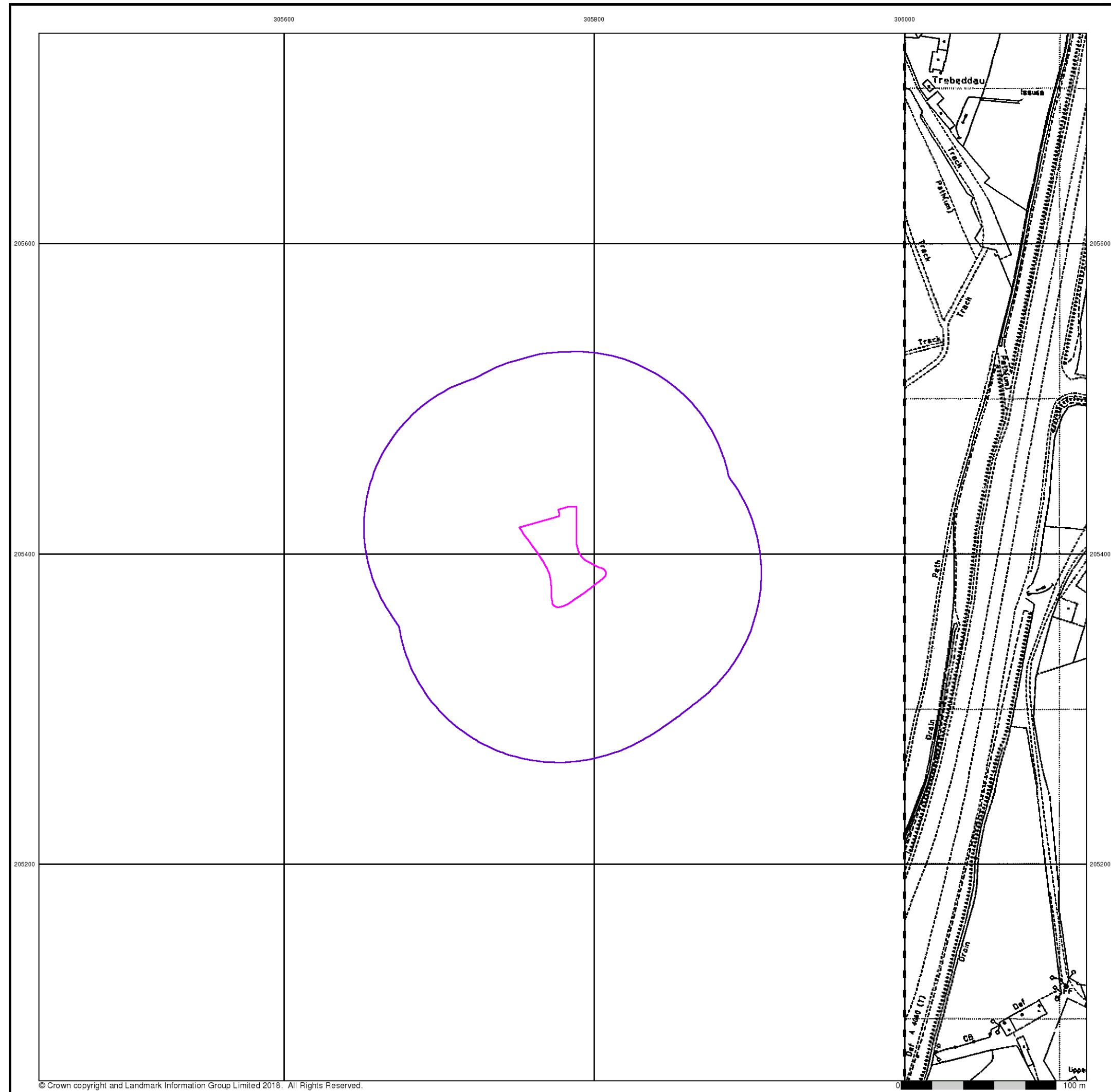
Site Details

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INFORMATION GROUP

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terrafirma

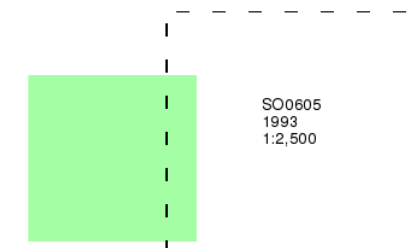
Large-Scale National Grid Data

Published 1993

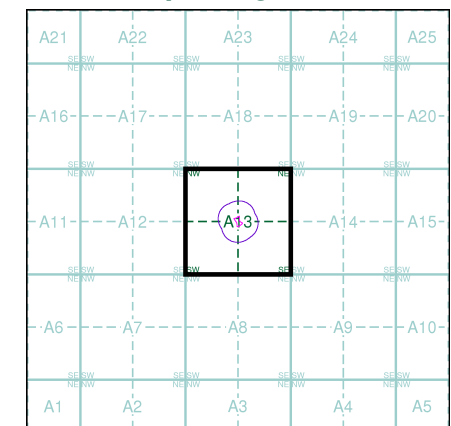
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

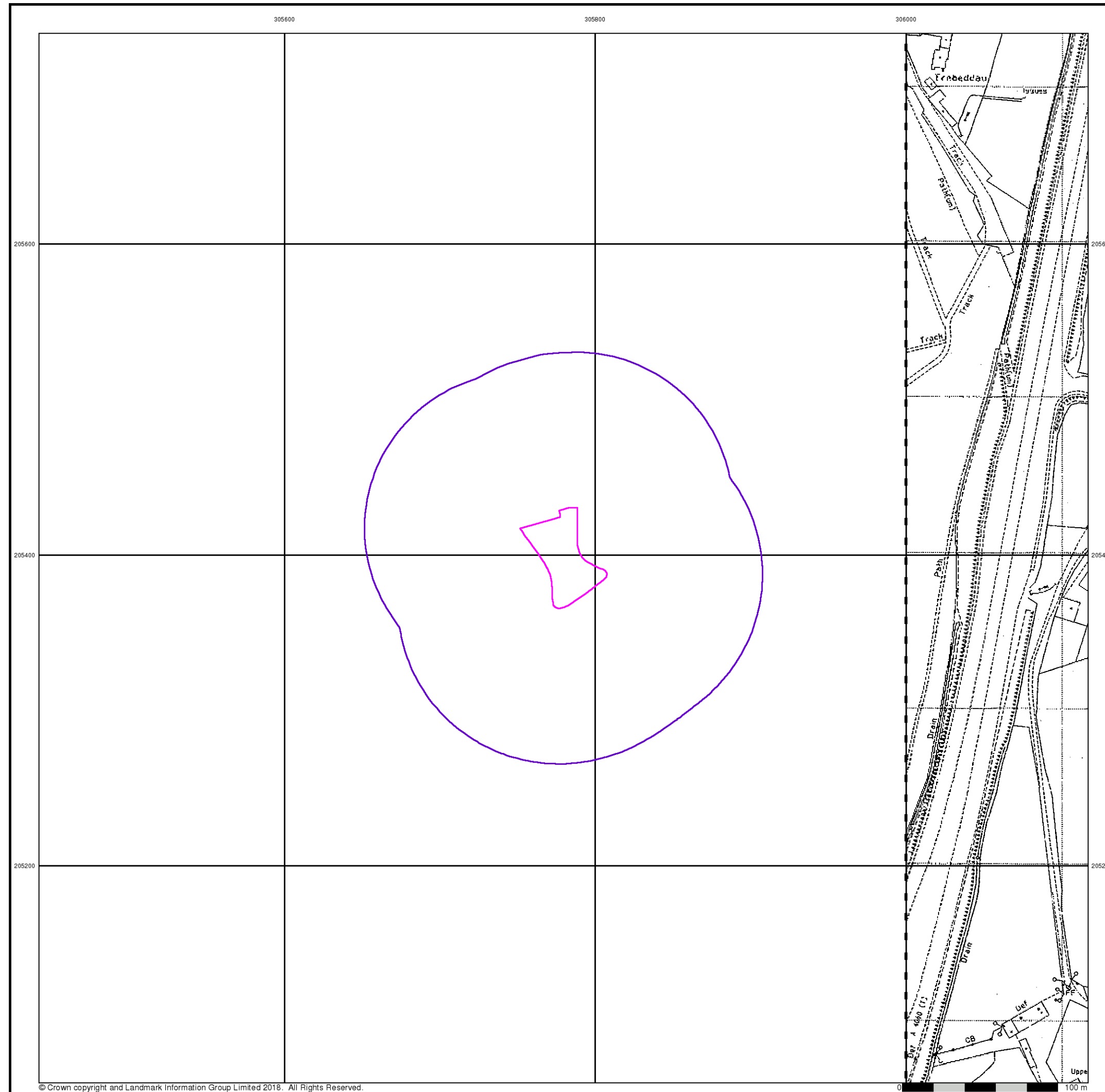
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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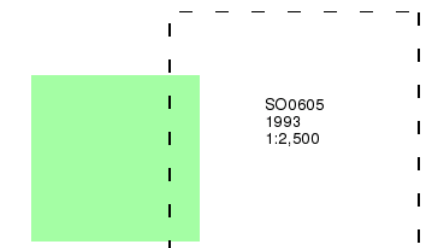
Large-Scale National Grid Data

Published 1993

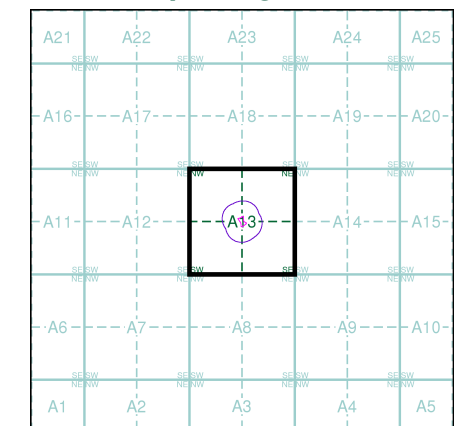
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1994 - 1995

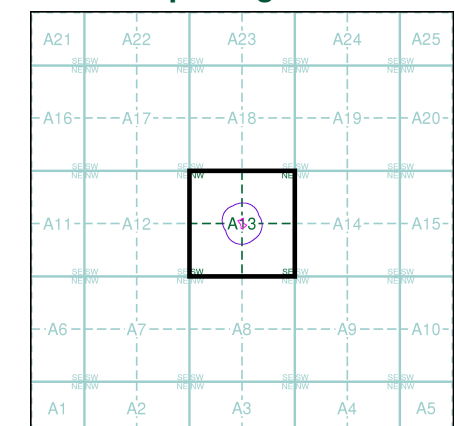
Source map scale - 1:1,250

'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)

SO0505NW 1995 1:1,250	SO0505NE 1994 1:1,250
-----------------------------	-----------------------------

Historical Map - Segment A13



Order Details

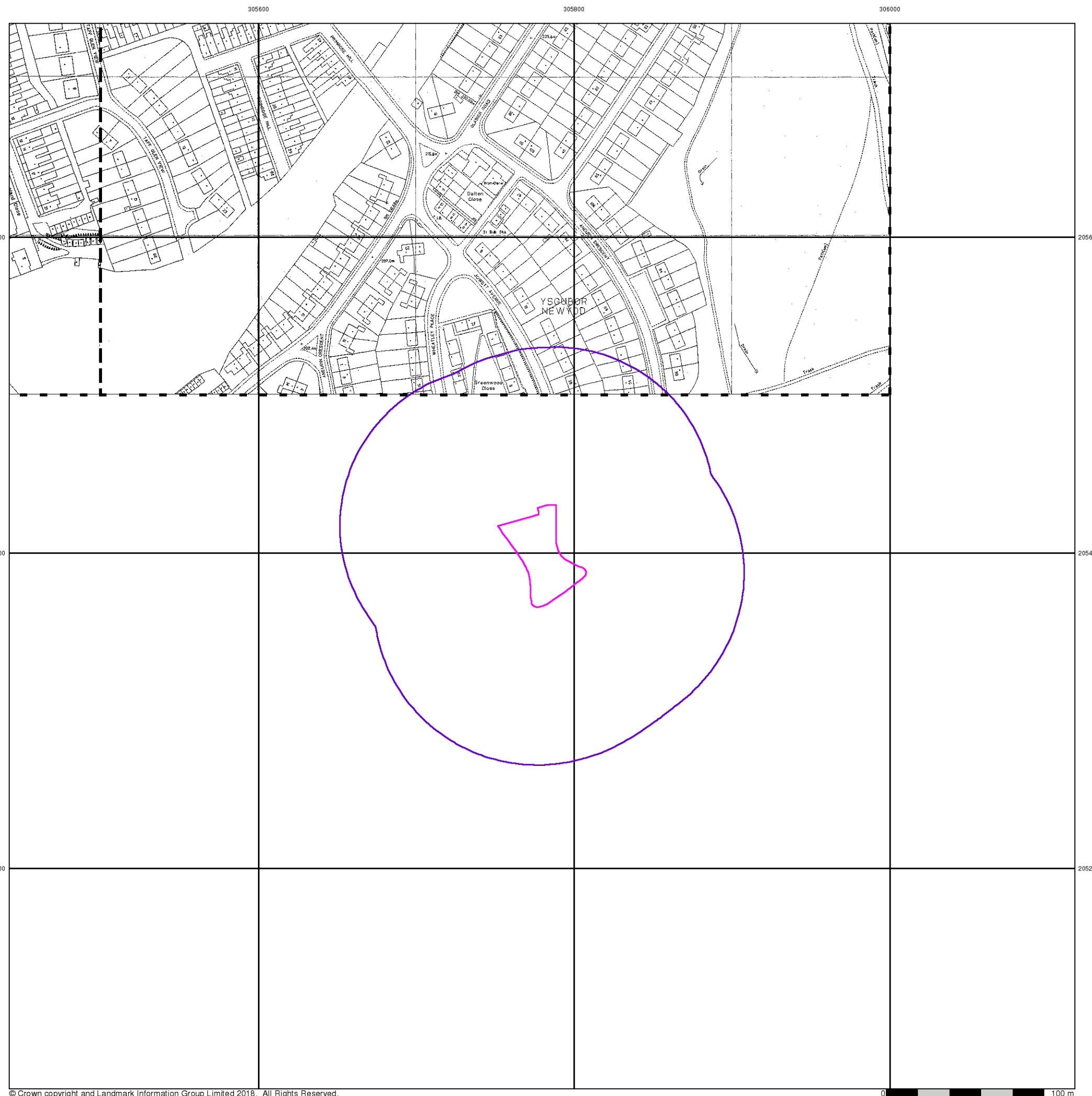
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1995

Source map scale - 1:1,250

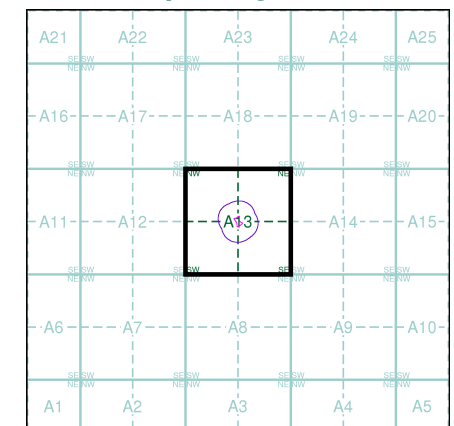
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SO0505NW
1995
1:1,250



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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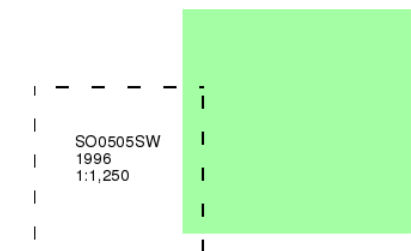
Large-Scale National Grid Data

Published 1996

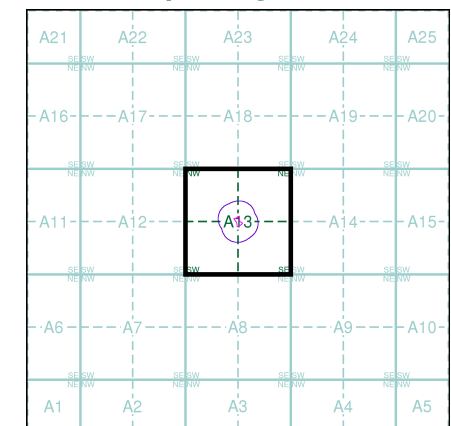
Source map scale - 1:1,250

'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

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1996

Source map scale - 1:1,250

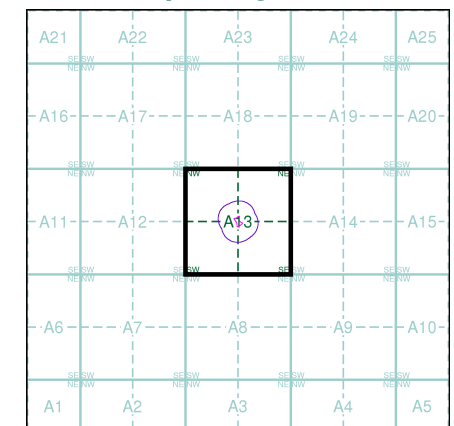
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SO0505NW
1996
1:1,250



Historical Map - Segment A13



Order Details

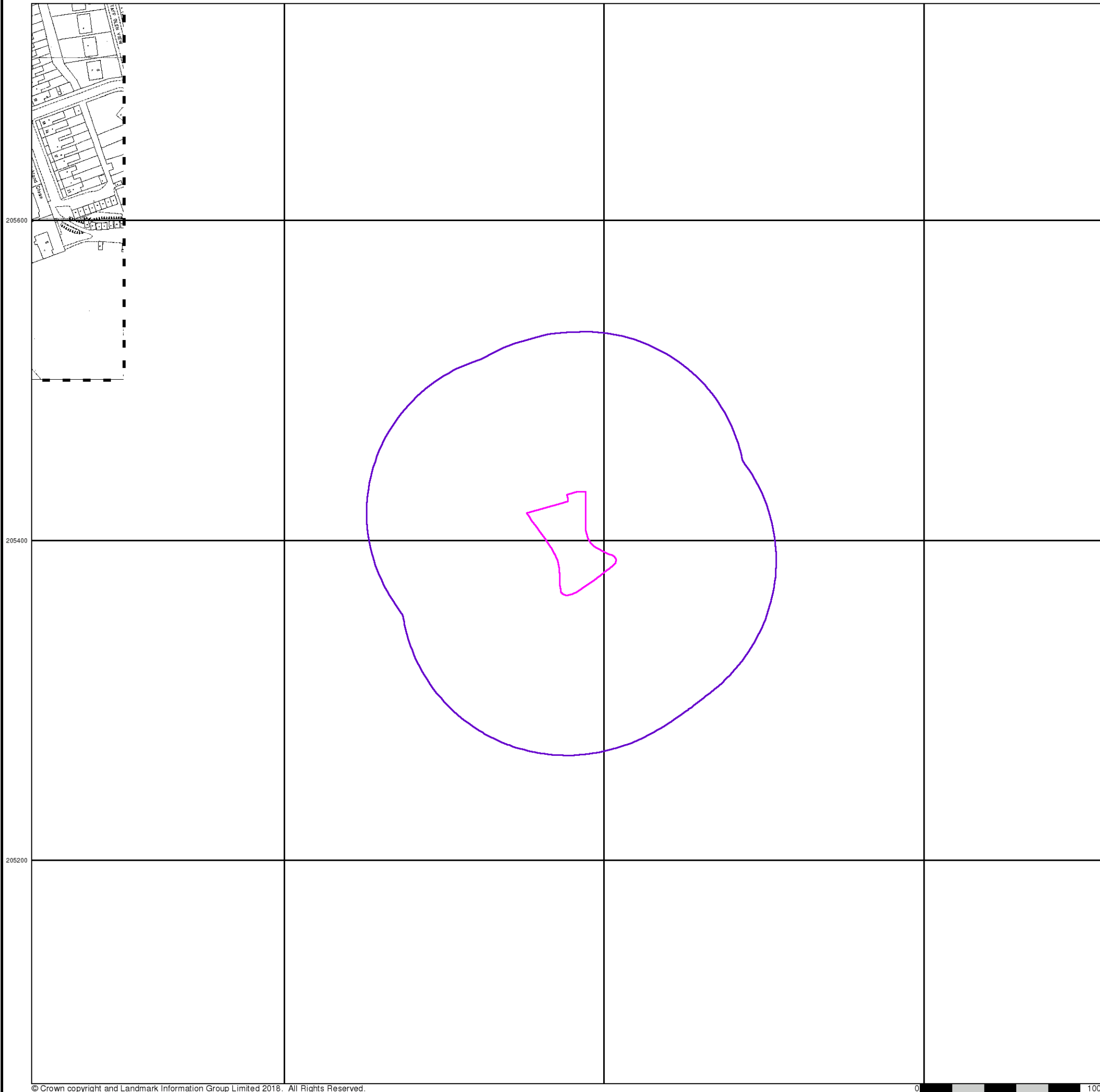
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

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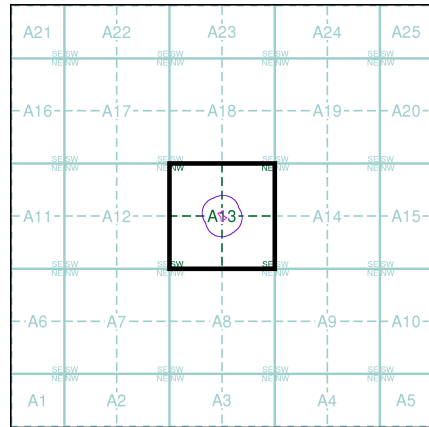


Historical Aerial Photography

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

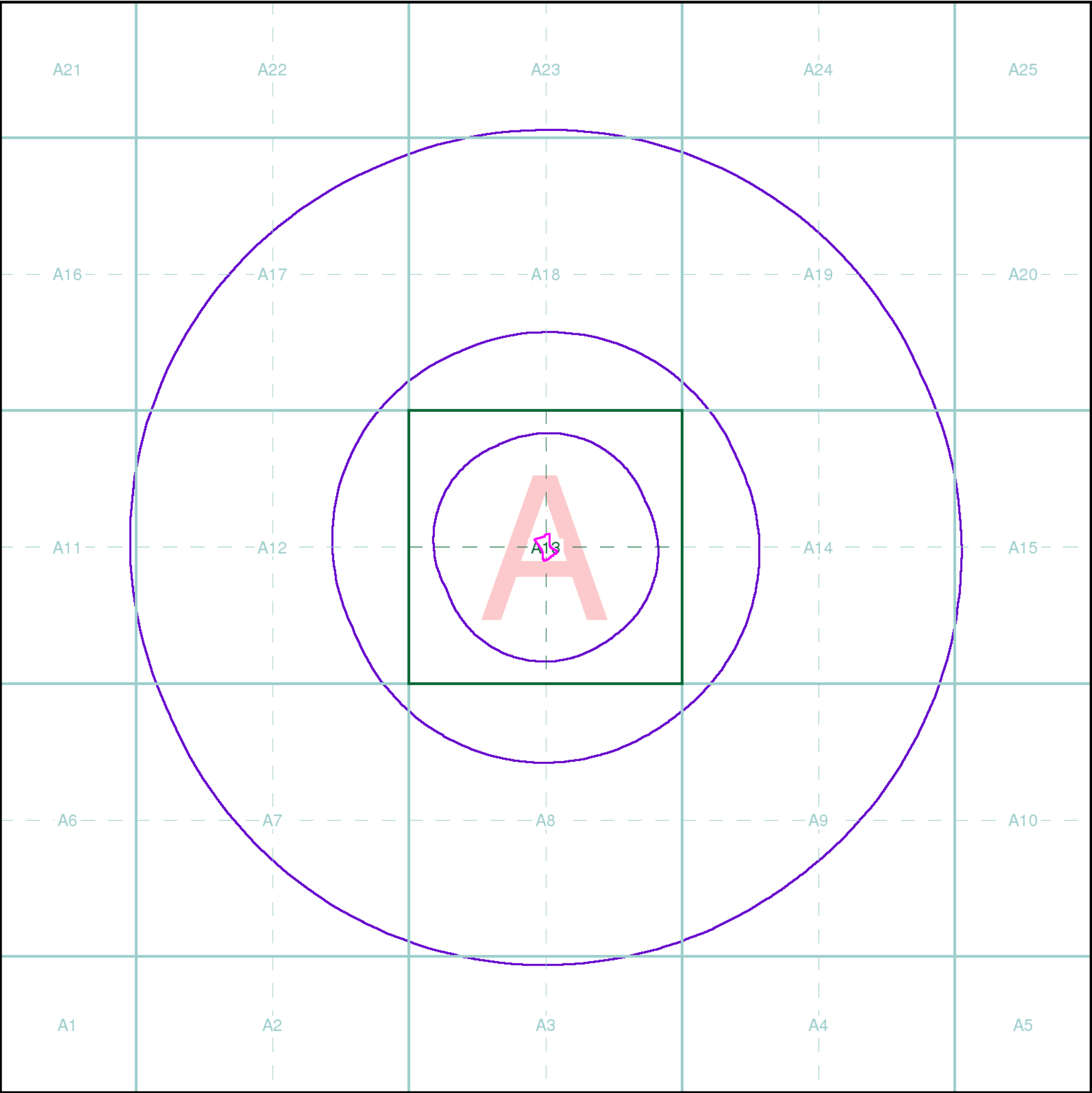
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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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

Mr J Rhys-Williams, Terra Firma (Wales) Ltd, 5 Deryn Court, Wharfdale Road, Pentwyn, Cardiff, CF23 7HB

Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



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Glamorganshire

Published 1875

Source map scale - 1:528

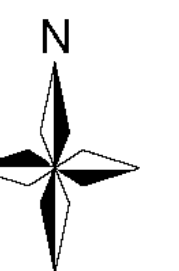
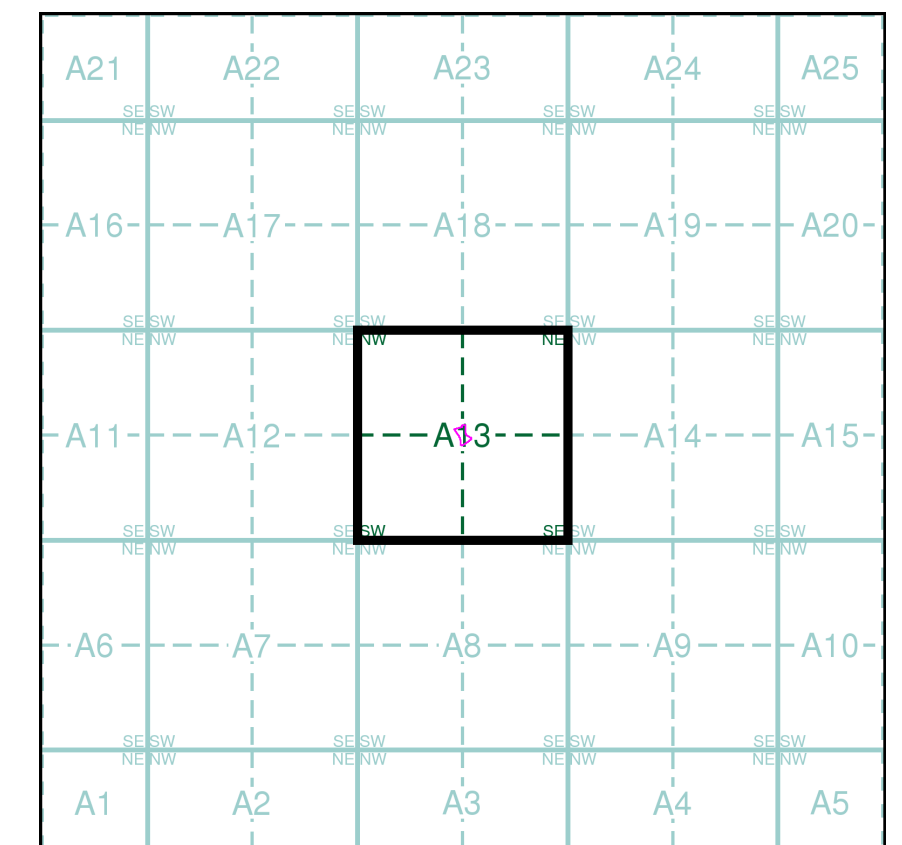
The 1:528 scale Ordnance Survey mapping was adopted in 1850 as an alternative to the 1:1056 scale, that had been deemed to be inadequate for sanitary planning, which had come very much to the fore following the passing of the Public Health Act of 1948. Around 29 towns in England and Wales were surveyed at this scale, the bulk of which were undertaken between 1850 and 1855. These were predominantly towns that were outside the areas being surveyed at 1:10,560 or 1:2500 scale. As well as showing the details characteristic of the later 1:500 plans, they show features of sanitary interest such as privies, taps, cow houses, cess pits, brew and bake houses and cart sheds and stables.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

012_05_009	012_05_010	
1875	1875	
1:528	1:528	
012_05_014	012_05_015	012_06_011
1875	1875	1875
1:528	1:528	1:528
012_05_019	012_05_020	012_06_016
1875	1875	1875
1:528	1:528	1:528

Historical Town Plan - Segment A13



Order Details

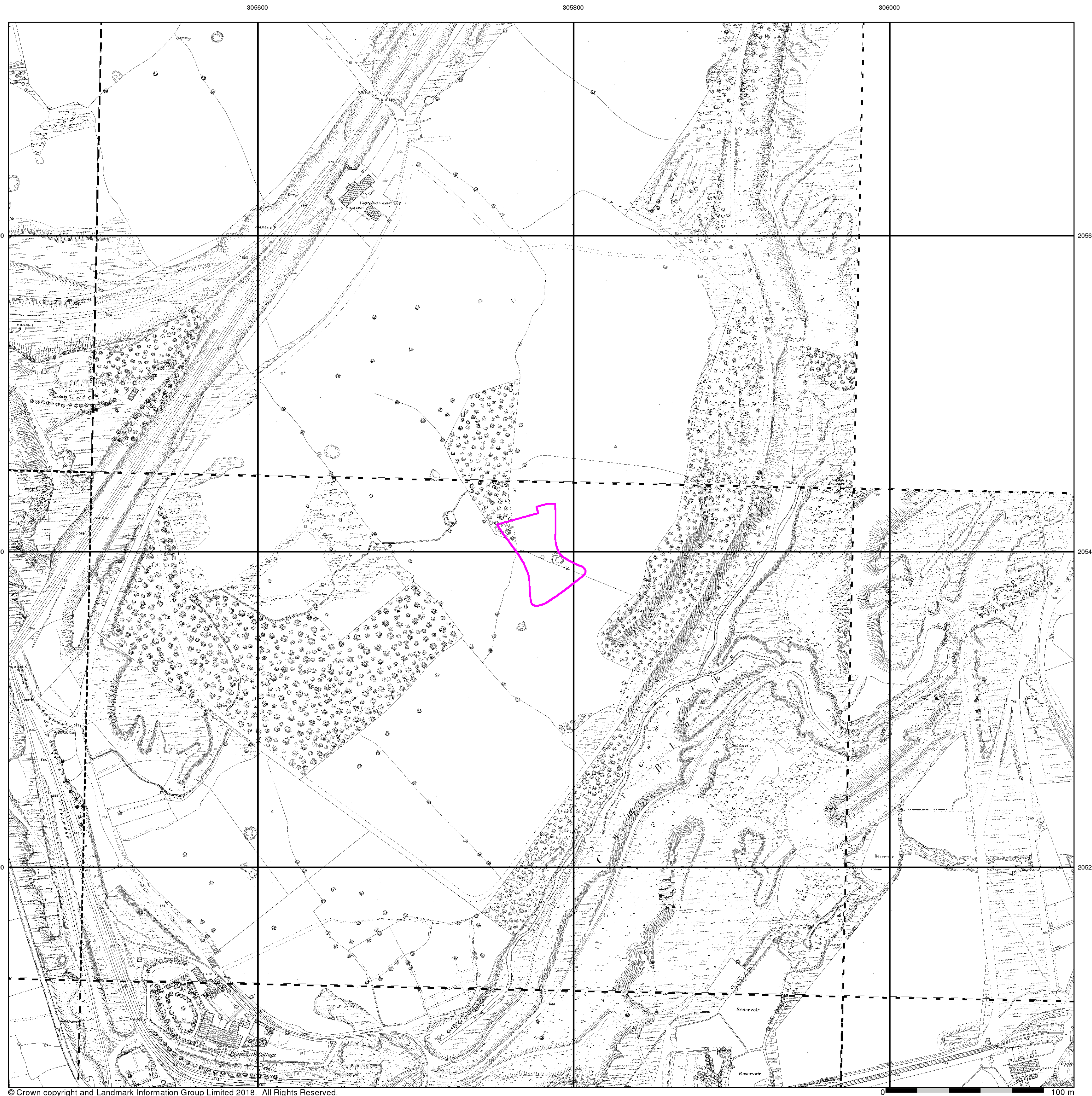
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 0

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

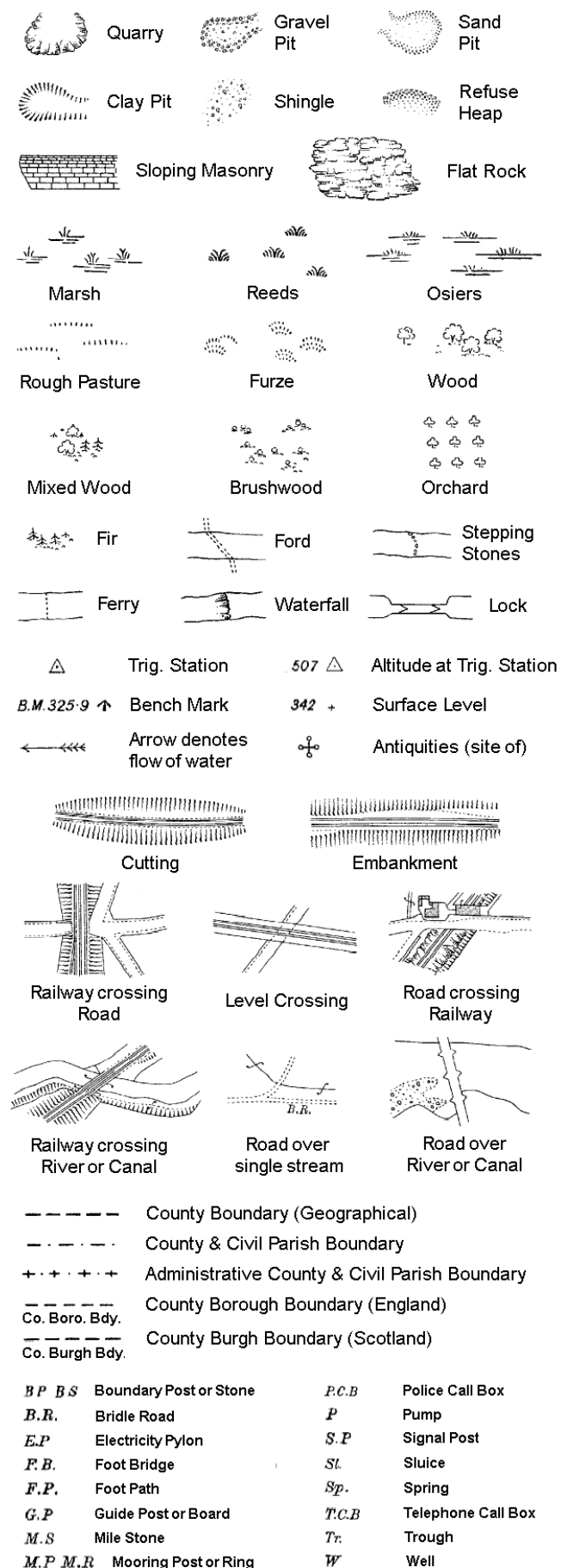


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Historical Mapping Legends

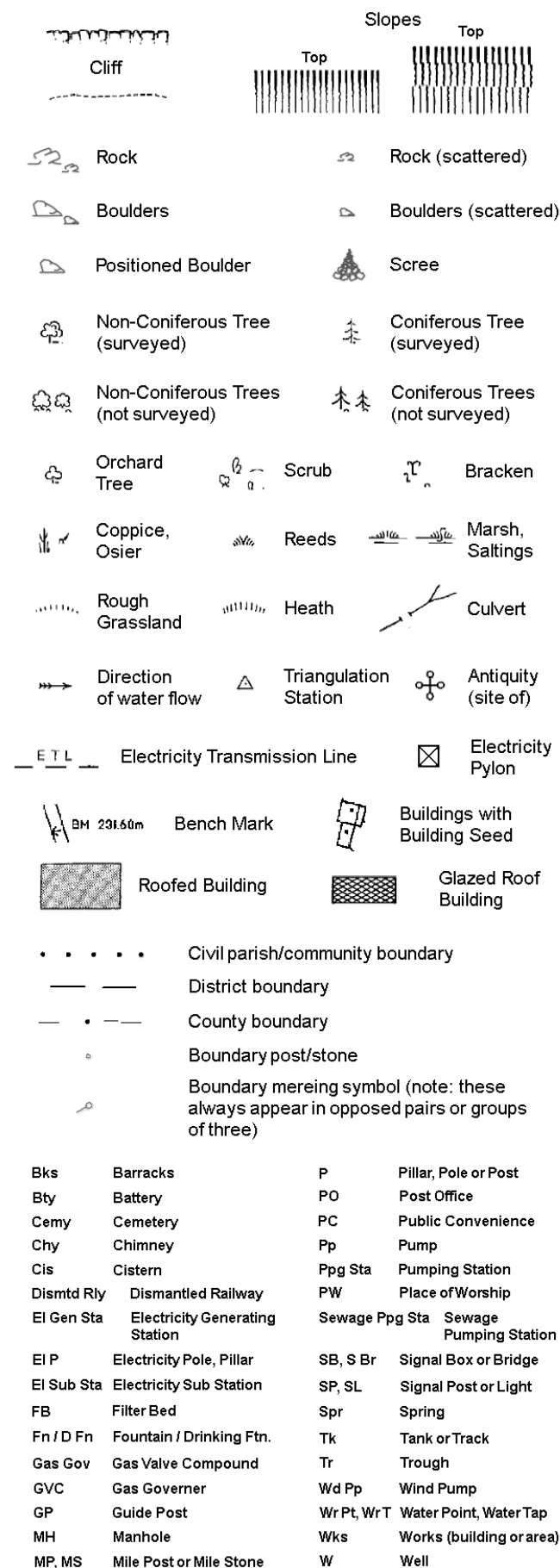
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



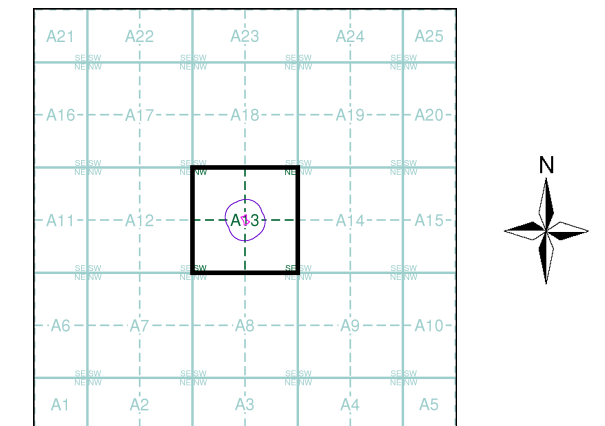
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1919	4
Ordnance Survey Plan	1:1,250	1957	5
Ordnance Survey Plan	1:2,500	1958 - 1964	6
Ordnance Survey Plan	1:1,250	1969 - 1973	7
Supply of Unpublished Survey Information	1:1,250	1975	8
Supply of Unpublished Survey Information	1:2,500	1975	9
Additional SIMs	1:1,250	1981 - 1989	10
Additional SIMs	1:2,500	1988	11
Additional SIMs	1:1,250	1989 - 1992	12
Additional SIMs	1:2,500	1992	13
Large-Scale National Grid Data	1:1,250	1993	14
Large-Scale National Grid Data	1:2,500	1993	15
Large-Scale National Grid Data	1:2,500	1993	16
Large-Scale National Grid Data	1:1,250	1994 - 1995	17
Large-Scale National Grid Data	1:1,250	1995	18
Large-Scale National Grid Data	1:1,250	1996	19
Large-Scale National Grid Data	1:1,250	1996	20
Historical Aerial Photography	1:2,500	2000	21

Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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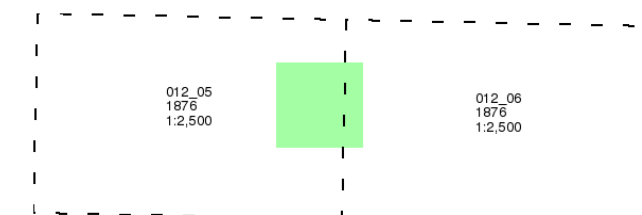
Glamorganshire

Published 1876

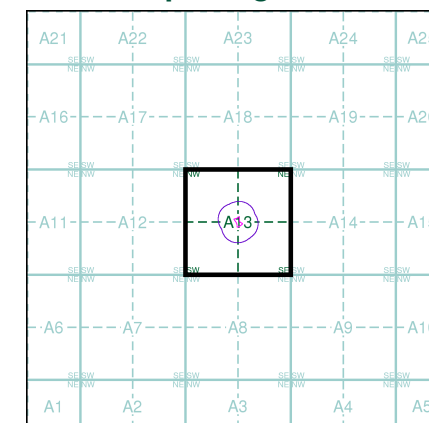
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

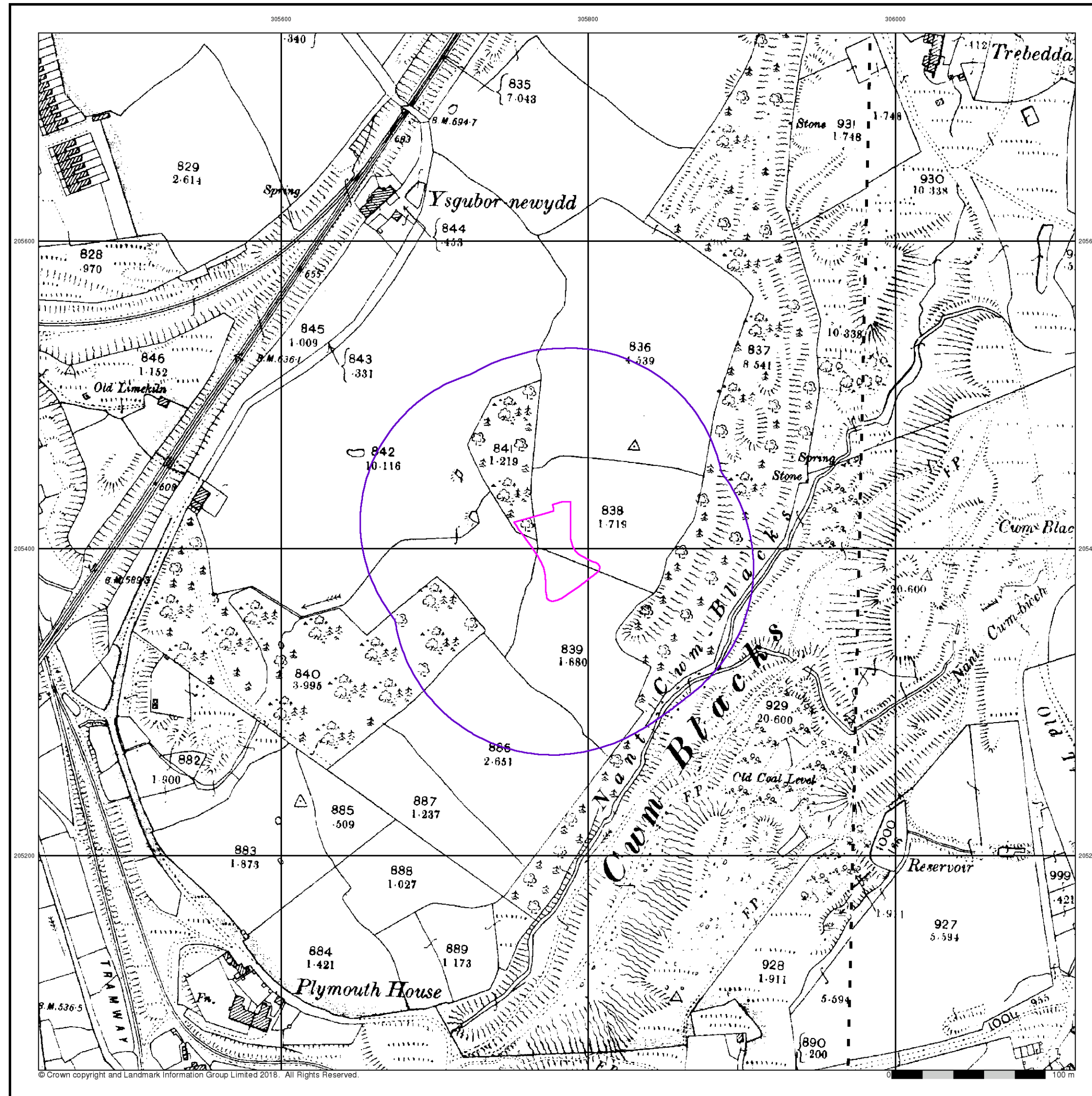
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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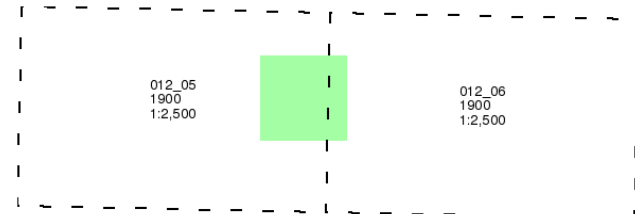
Glamorganshire

Published 1900

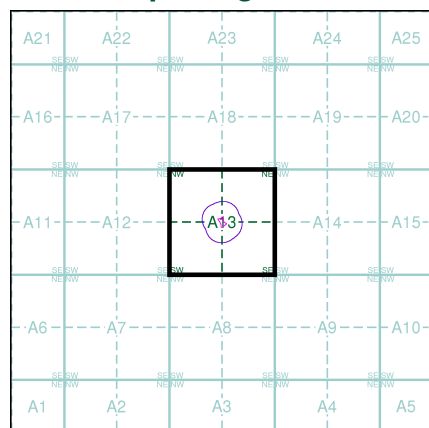
Source map scale - 1:2,500

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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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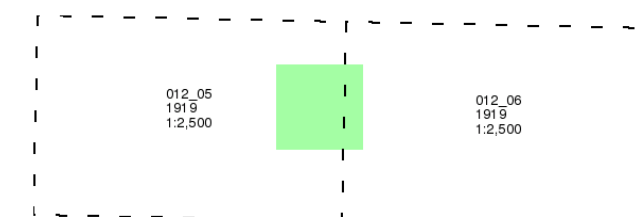
Glamorganshire

Published 1919

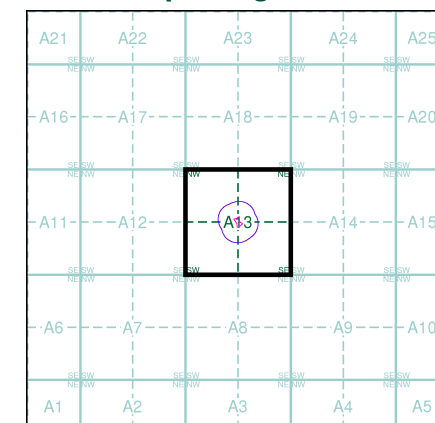
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1957

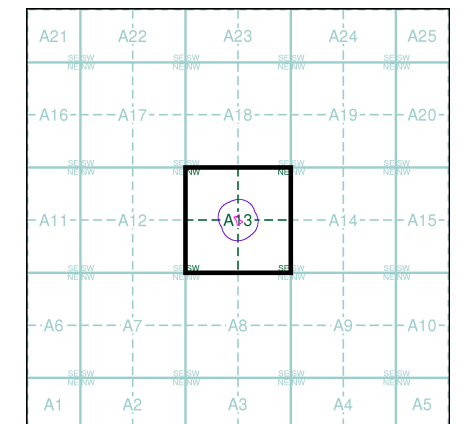
Source map scale - 1:1,250

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)

SO0505NW 1957 1:1,250	SO0505NE 1957 1:1,250
SO0505SW 1957 1:1,250	SO0505SE 1957 1:1,250

Historical Map - Segment A13



Order Details

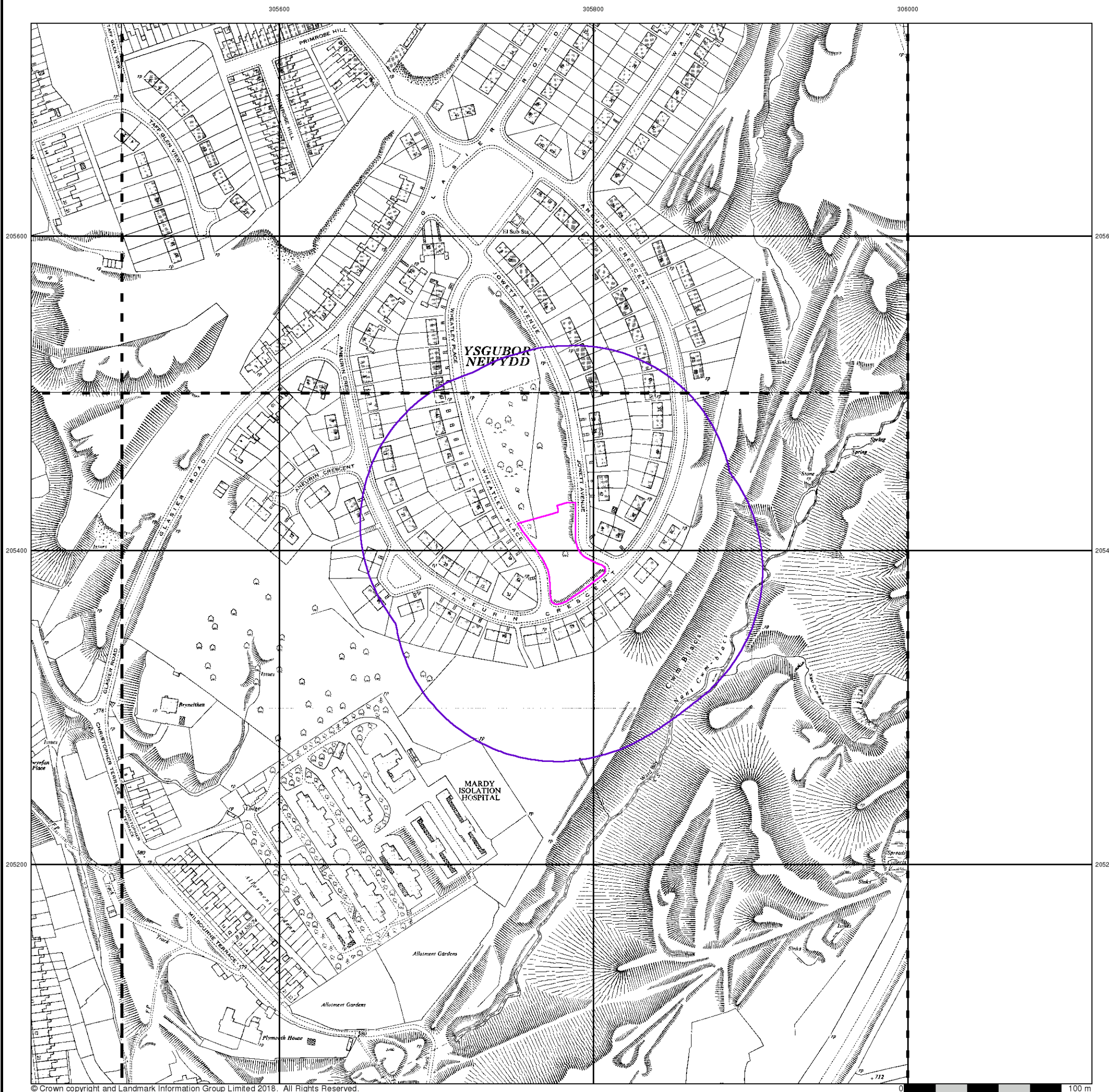
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

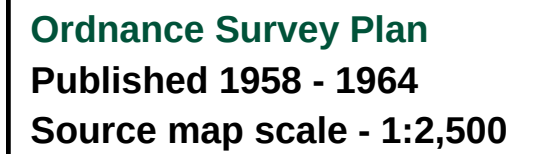
Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



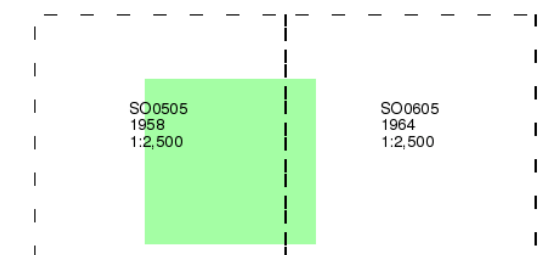
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



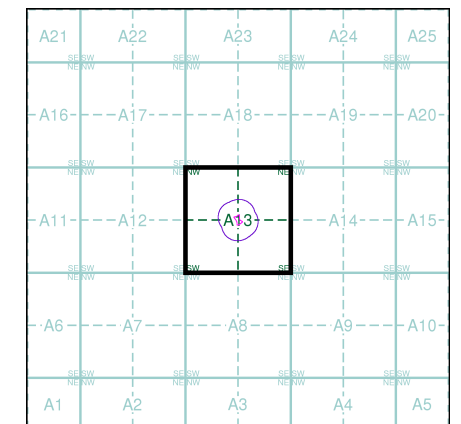


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark[®]
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Ordnance Survey Plan

Published 1969 - 1973

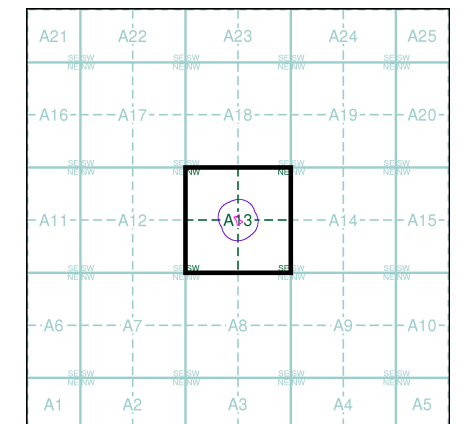
Source map scale - 1:1,250

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)

SO0505NW 1969 1:1,250	SO0505NE 1973 1:1,250
SO0505SW 1969 1:1,250	SO0505SE 1969 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

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Supply of Unpublished Survey Information

Published 1975

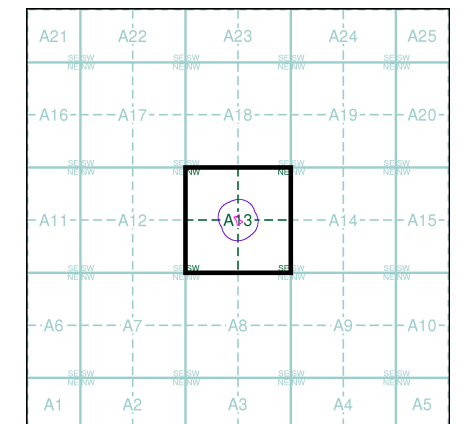
Source map scale - 1:1,250

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)

SO0505NW 1975 1:1,250	SO0505NE 1975 1:1,250
SO0505SW 1975 1:1,250	SO0505SE 1975 1:1,250

Historical Map - Segment A13



Order Details

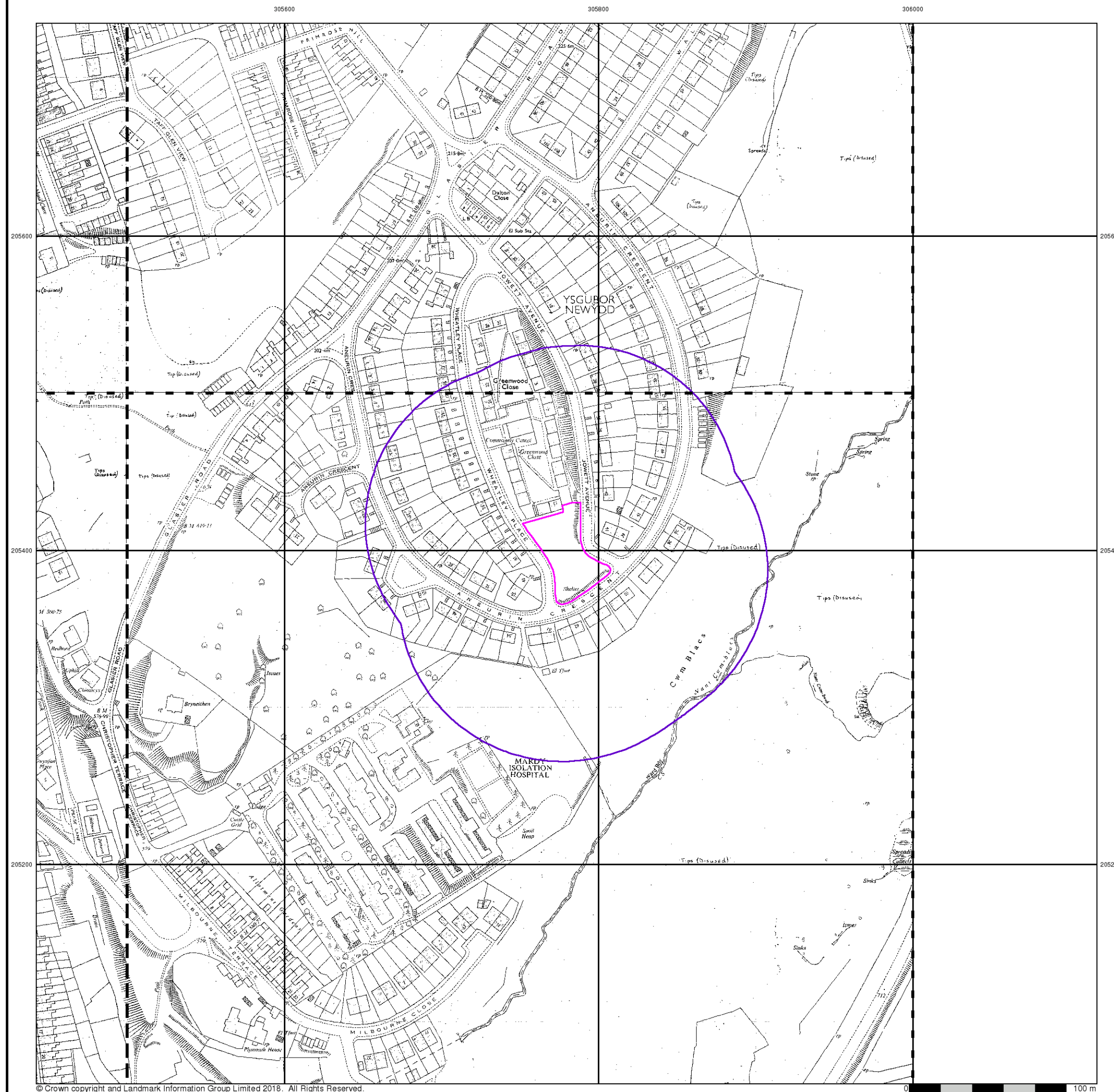
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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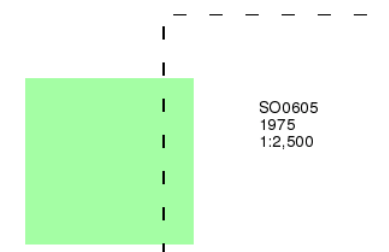
Supply of Unpublished Survey Information

Published 1975

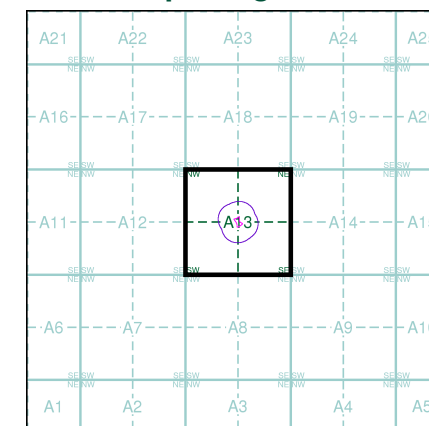
Source map scale - 1:2,500

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

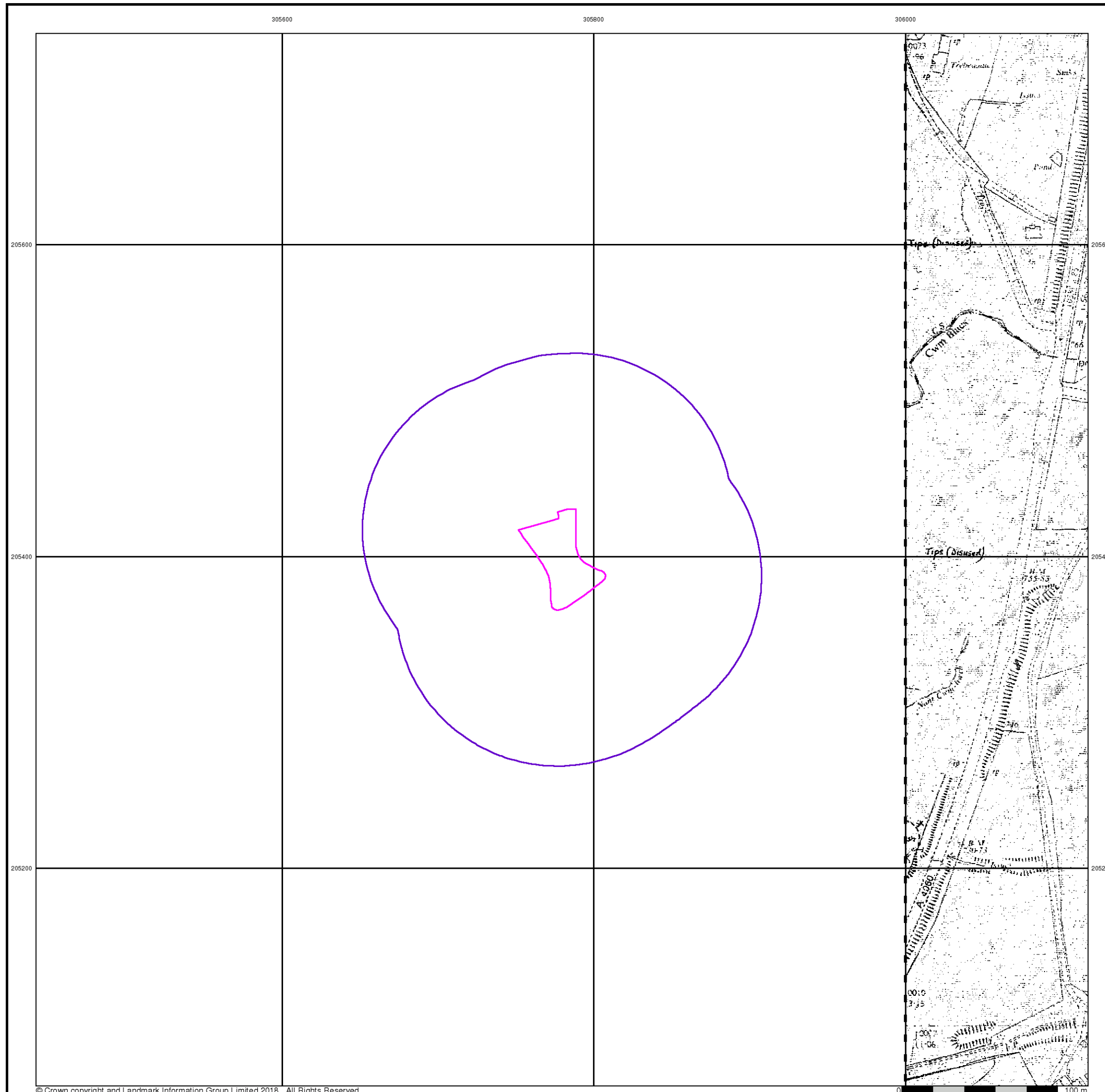
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Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

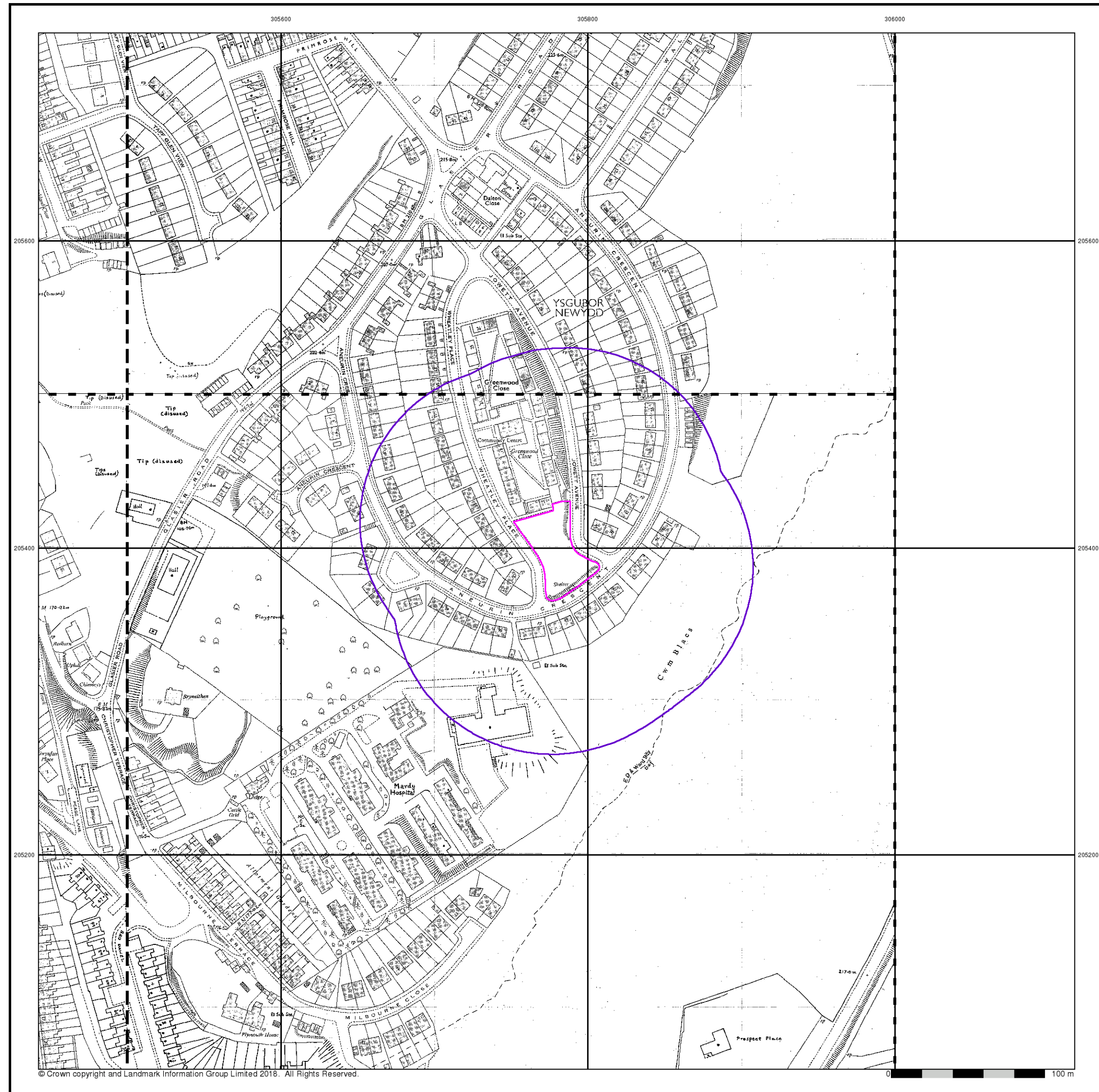
Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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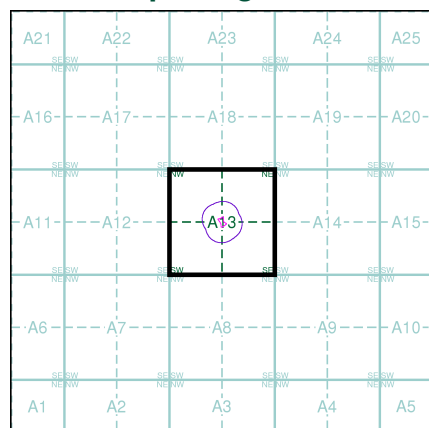
Additional SIMs
Published 1981 - 1989
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SO0505NW 1984 1:1,250	SO0505NE 1989 1:1,250
SO0505SW 1984 1:1,250	SO0505SE 1981 1:1,250

Historical Map - Segment A13



Order Details
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details
Aneurin Crescent, Merthyr Tydfil, CF47 0SY



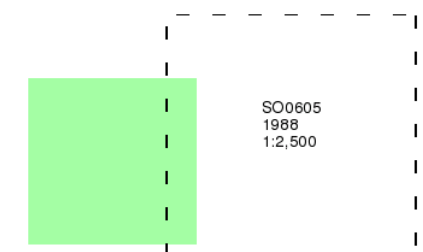
Additional SIMs

Published 1988

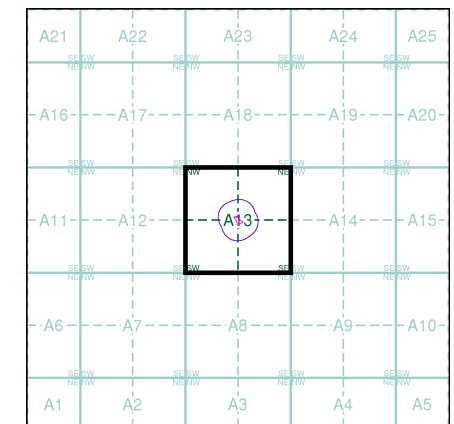
Source map scale - 1:2,500

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

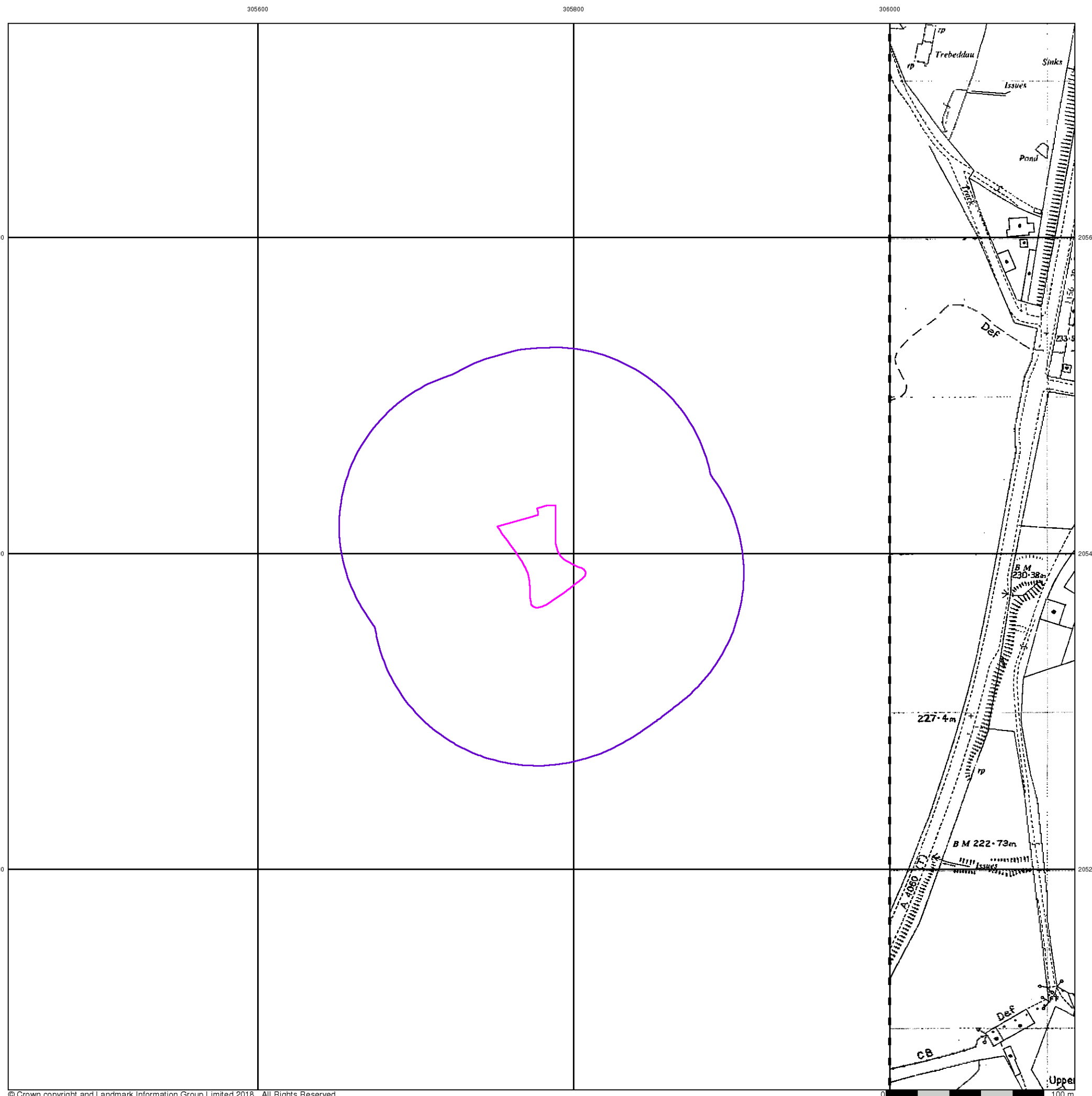
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1989 - 1992

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.

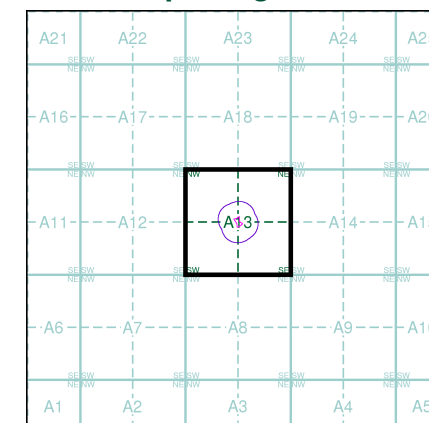
Map Name(s) and Date(s)

SO0505NW
1989
1:1,250

SO0505SW
1989
1:1,250

SO0505SE
1992
1:1,250

Historical Map - Segment A13



Order Details

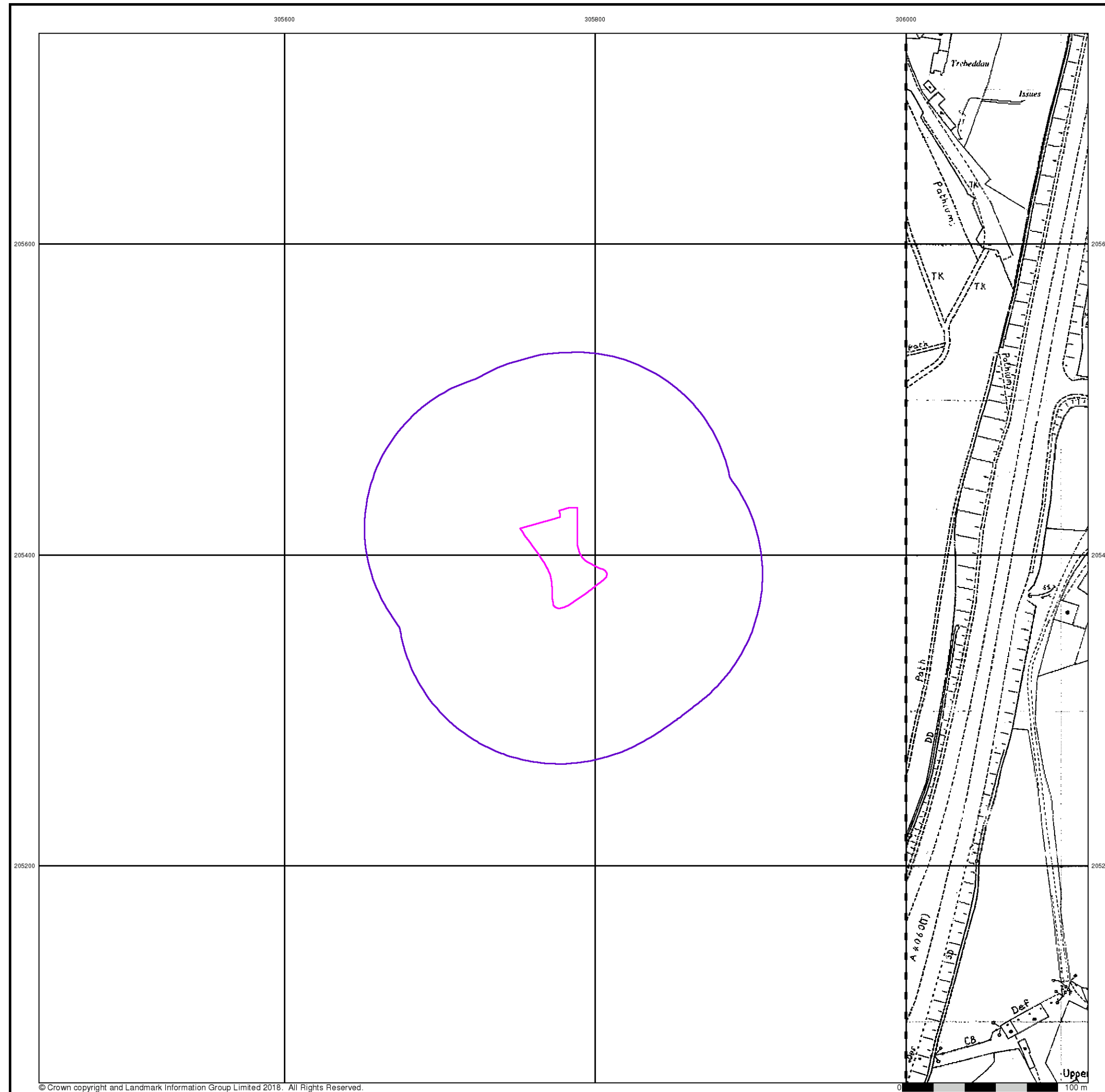
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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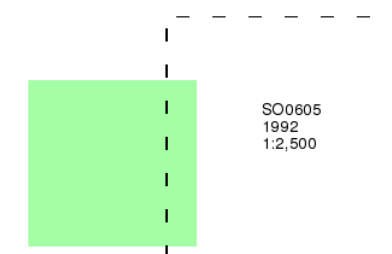
Additional SIMs

Published 1992

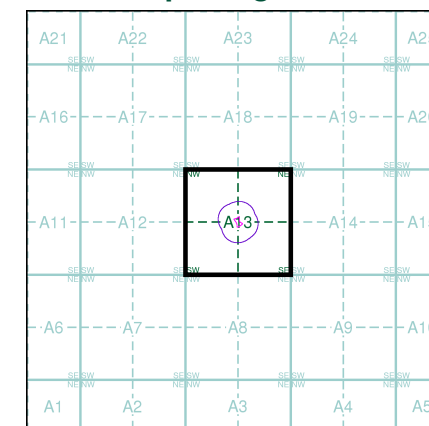
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

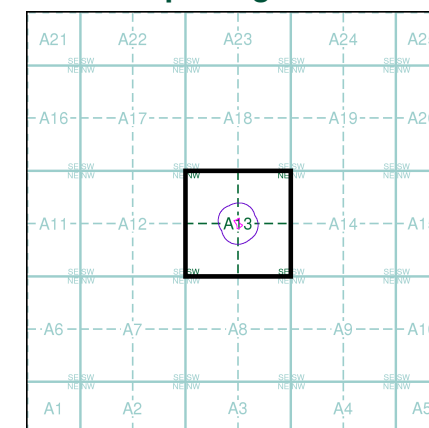
Source map scale - 1:1,250

'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)

SO0505NW 1993 1:1,250	SO0505NE 1993 1:1,250
SO0505SW 1993 1:1,250	SO0505SE 1993 1:1,250

Historical Map - Segment A13



Order Details

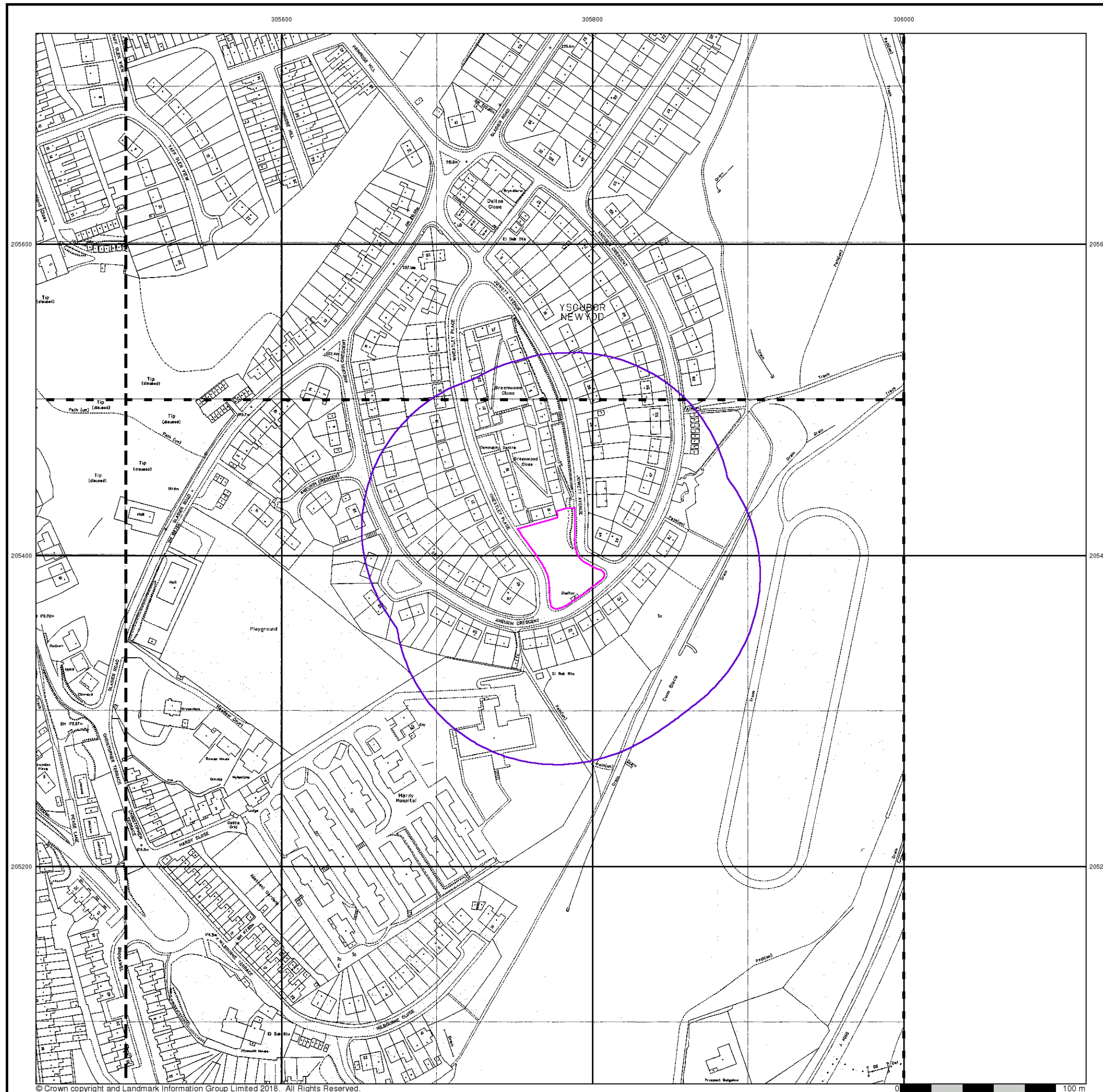
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

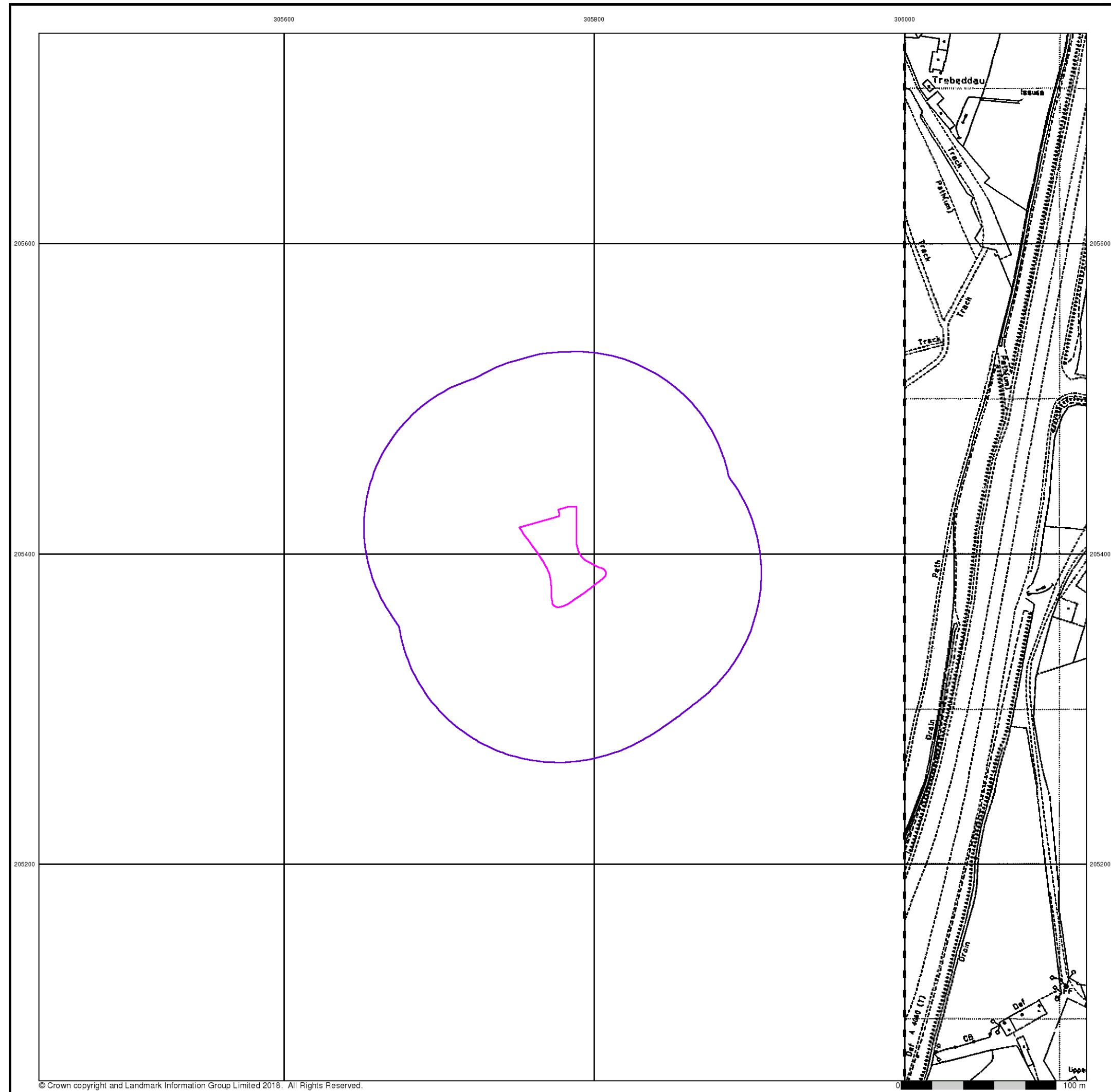
Site Details

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terrafirma

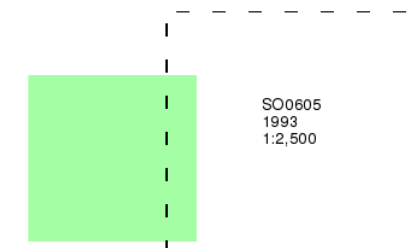
Large-Scale National Grid Data

Published 1993

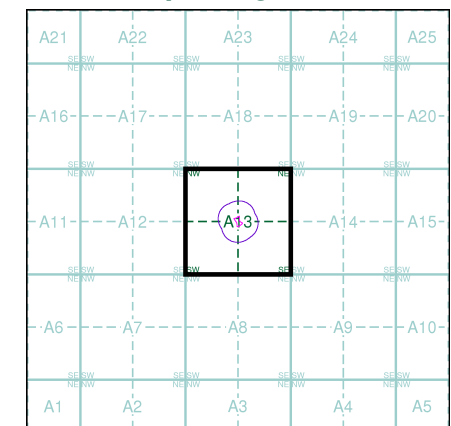
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

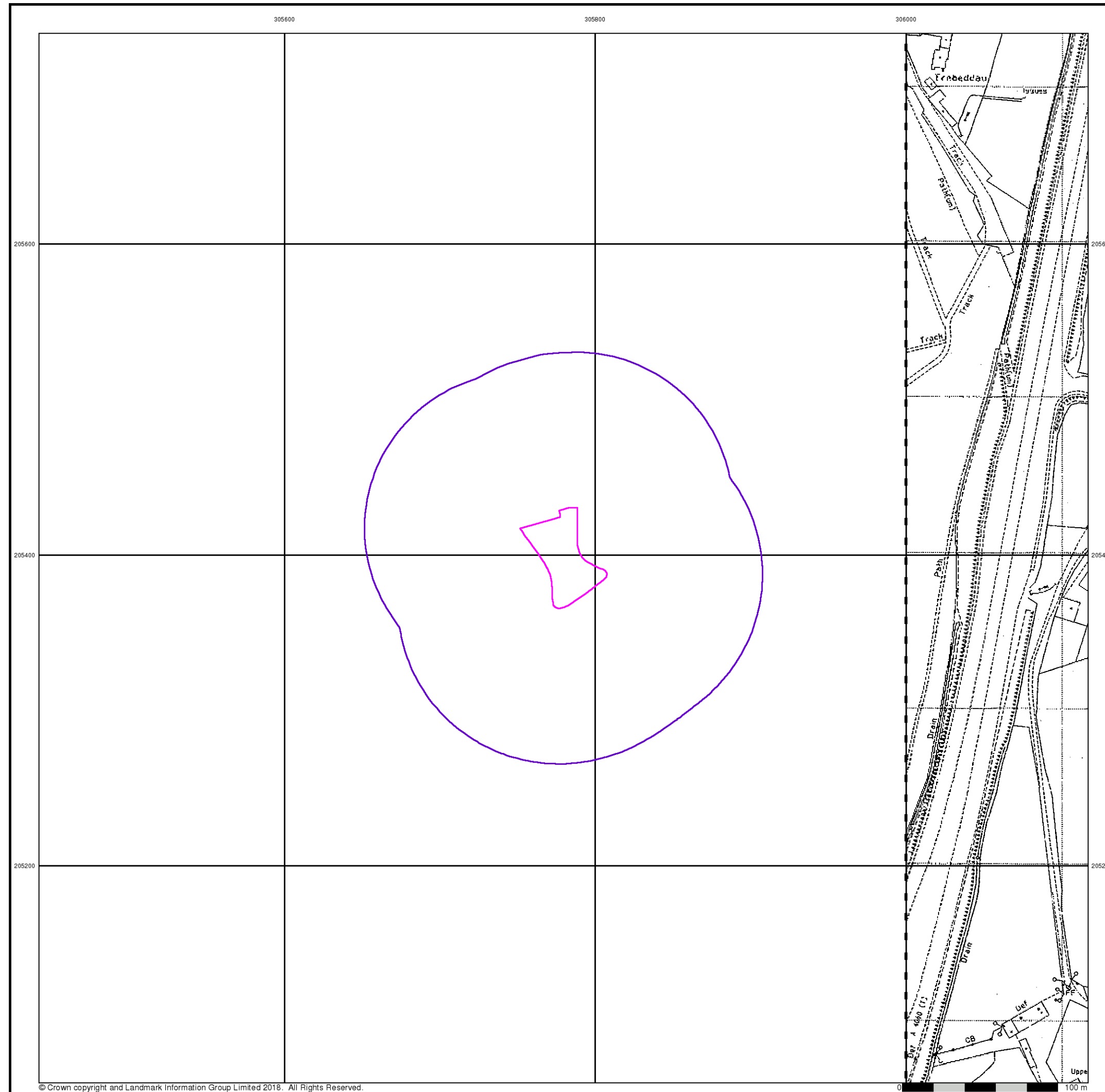
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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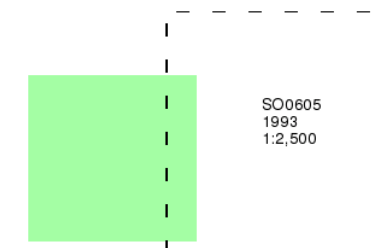
Large-Scale National Grid Data

Published 1993

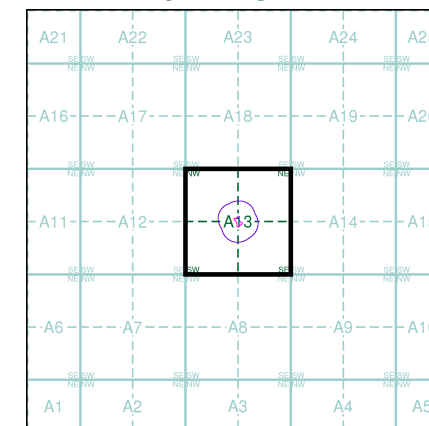
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1994 - 1995

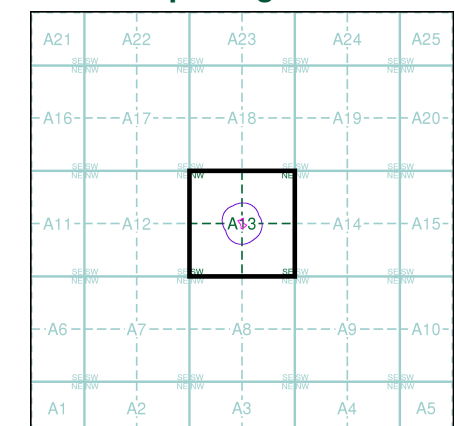
Source map scale - 1:1,250

'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)

SO0505NW 1995 1:1,250	SO0505NE 1994 1:1,250
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Historical Map - Segment A13



Order Details

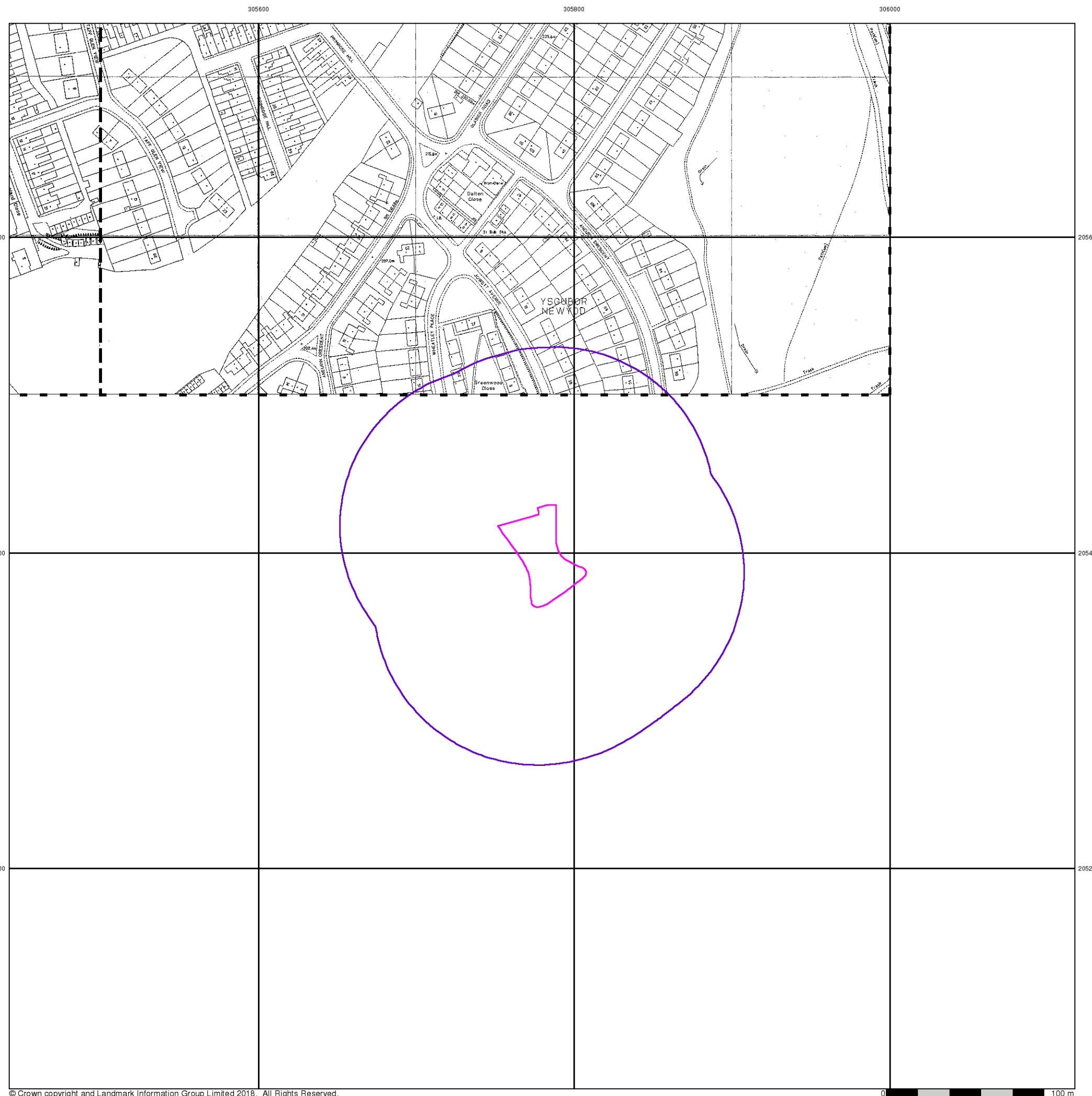
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1995

Source map scale - 1:1,250

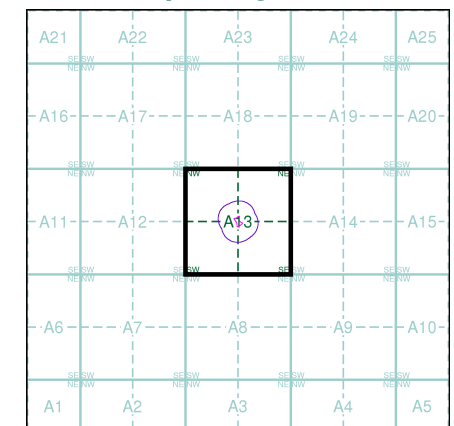
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SO0505NW
1995
1:1,250



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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Web: www.envirocheck.co.uk



Large-Scale National Grid Data

Published 1996

Source map scale - 1:1,250

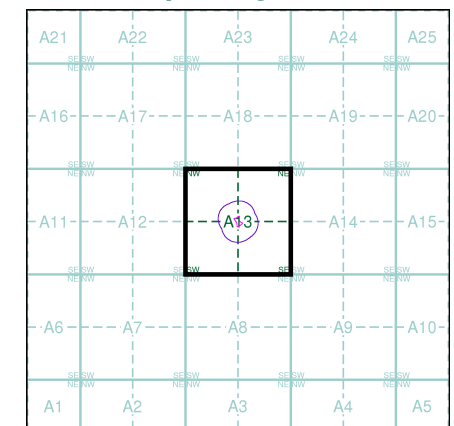
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SO0505NW
1996
1:1,250



Historical Map - Segment A13



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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0 100 m



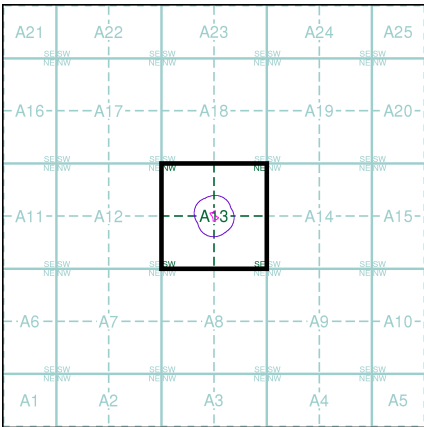
terrafirma

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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

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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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	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
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

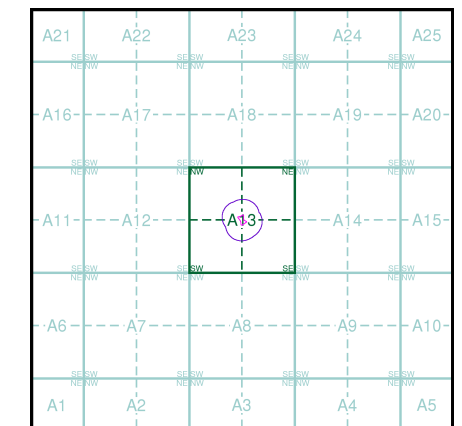
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Brecknockshire	1:10,560	1884	2
Glamorganshire	1:10,560	1885	3
Glamorganshire	1:10,560	1901	4
Brecknockshire	1:10,560	1905	5
Glamorganshire	1:10,560	1922	6
Brecknockshire	1:10,560	1922	7
Brecknockshire	1:10,560	1938	8
Historical Aerial Photography	1:10,560	1945	9
Glamorganshire	1:10,560	1951	10
Brecknockshire	1:10,560	1951	11
Ordnance Survey Plan	1:10,000	1964 - 1965	12
Ordnance Survey Plan	1:10,000	1969	13
Ordnance Survey Plan	1:10,000	1970 - 1979	14
Ordnance Survey Plan	1:10,000	1982 - 1989	15
Ordnance Survey Plan	1:10,000	1990 - 1992	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2018	19

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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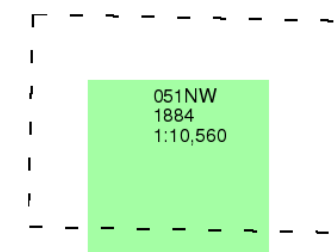
Brecknockshire

Published 1884

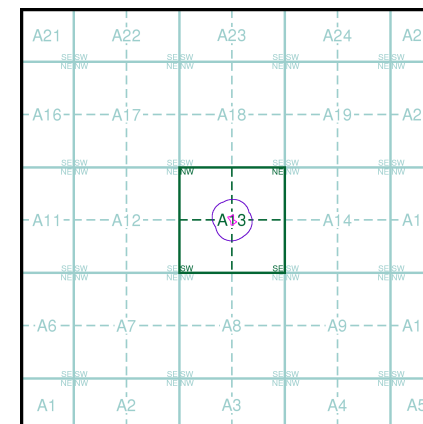
Source map scale - 1:10,560

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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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



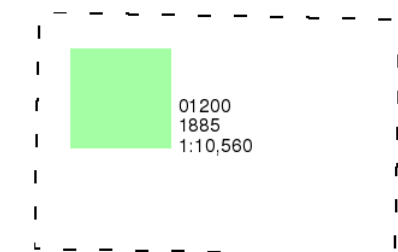
Glamorganshire

Published 1885

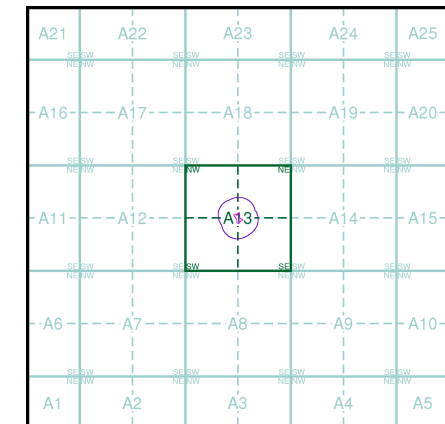
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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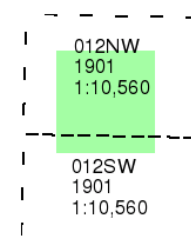
Glamorganshire

Published 1901

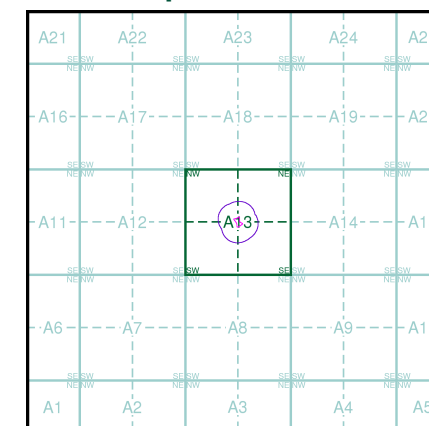
Source map scale - 1:10,560

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

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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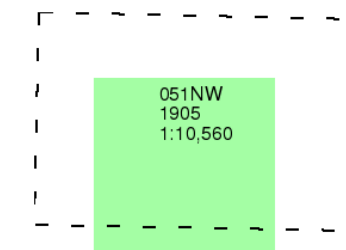
Brecknockshire

Published 1905

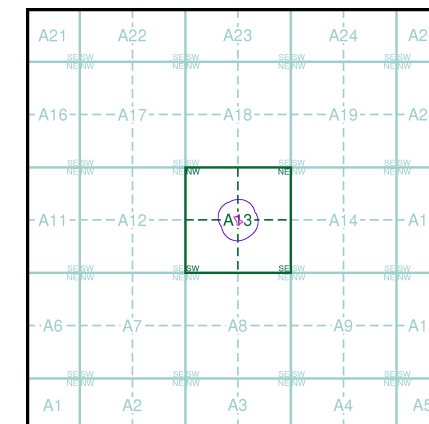
Source map scale - 1:10,560

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

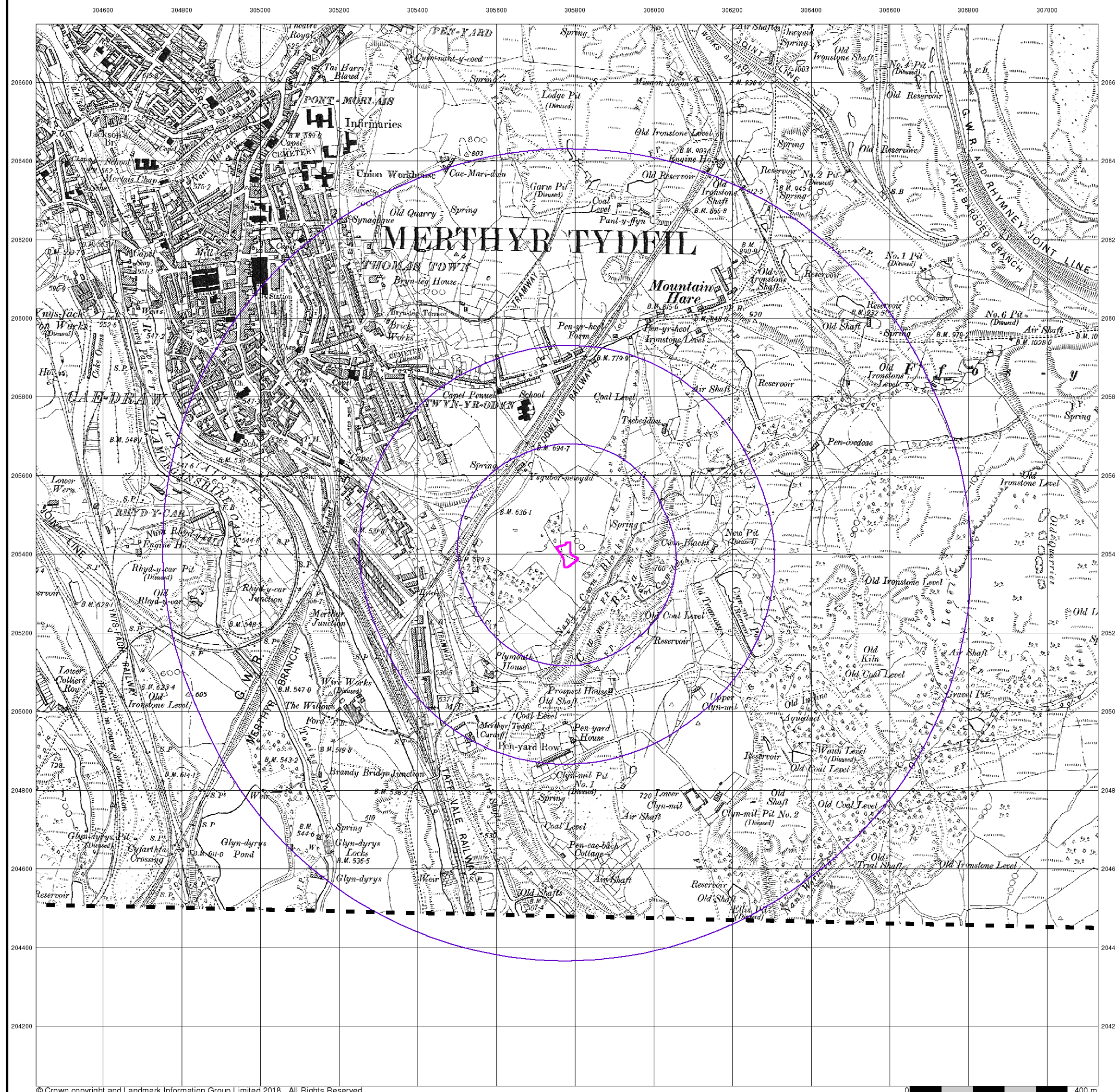


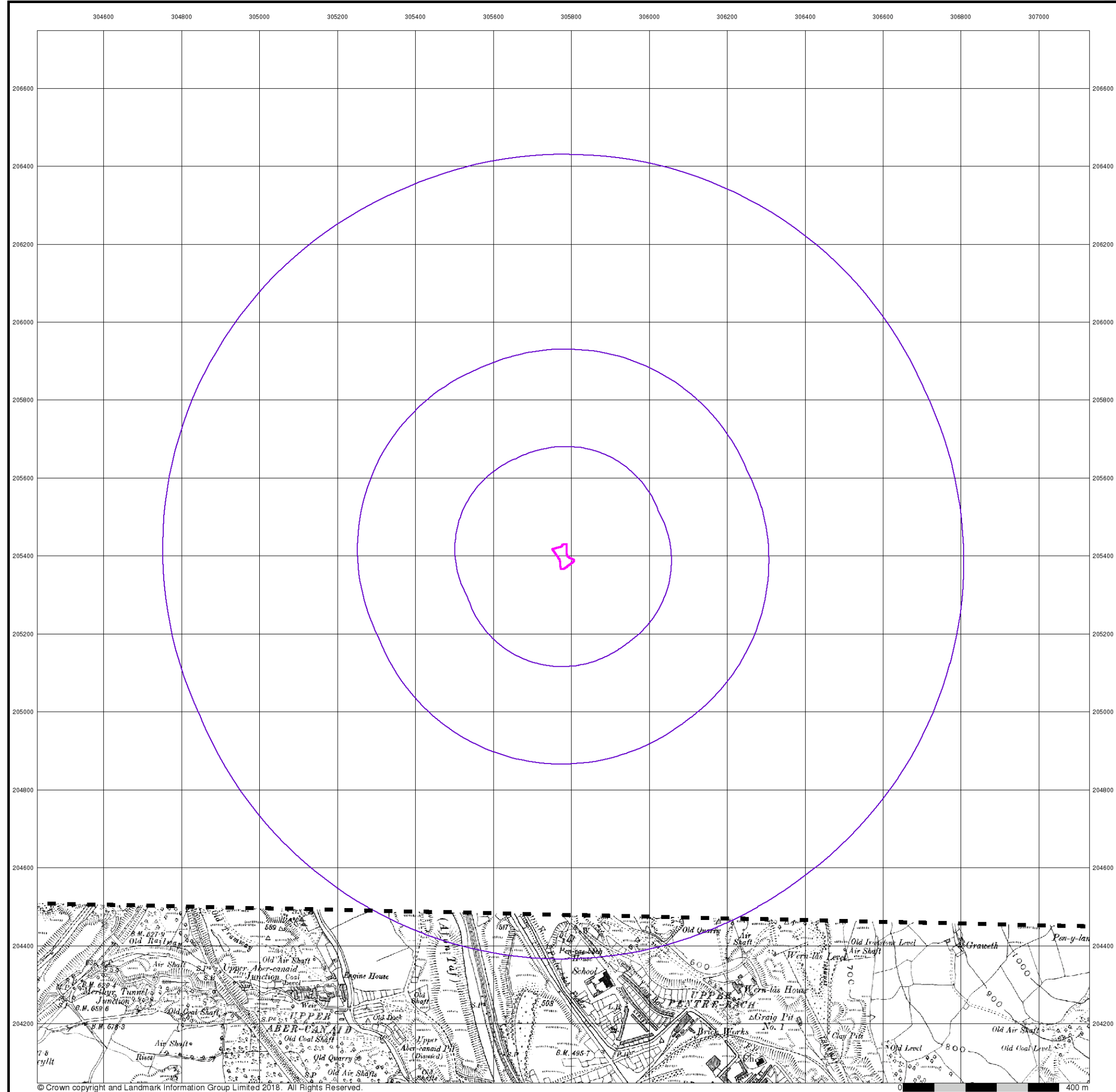
Order Details

Order Number: 180966781_1_1
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Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY





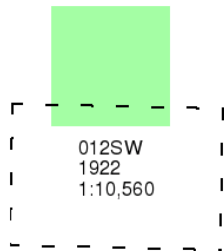
Glamorganshire

Published 1922

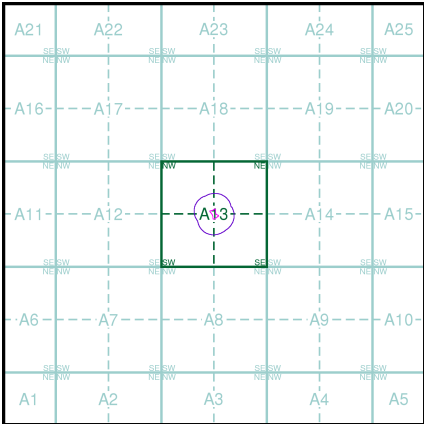
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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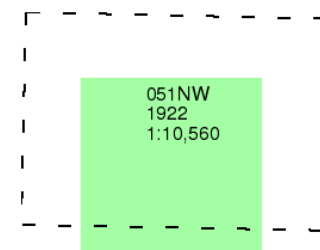
Brecknockshire

Published 1922

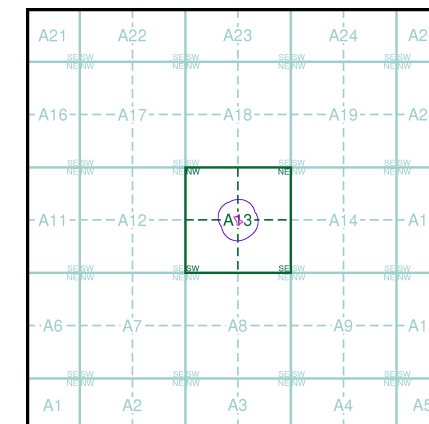
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

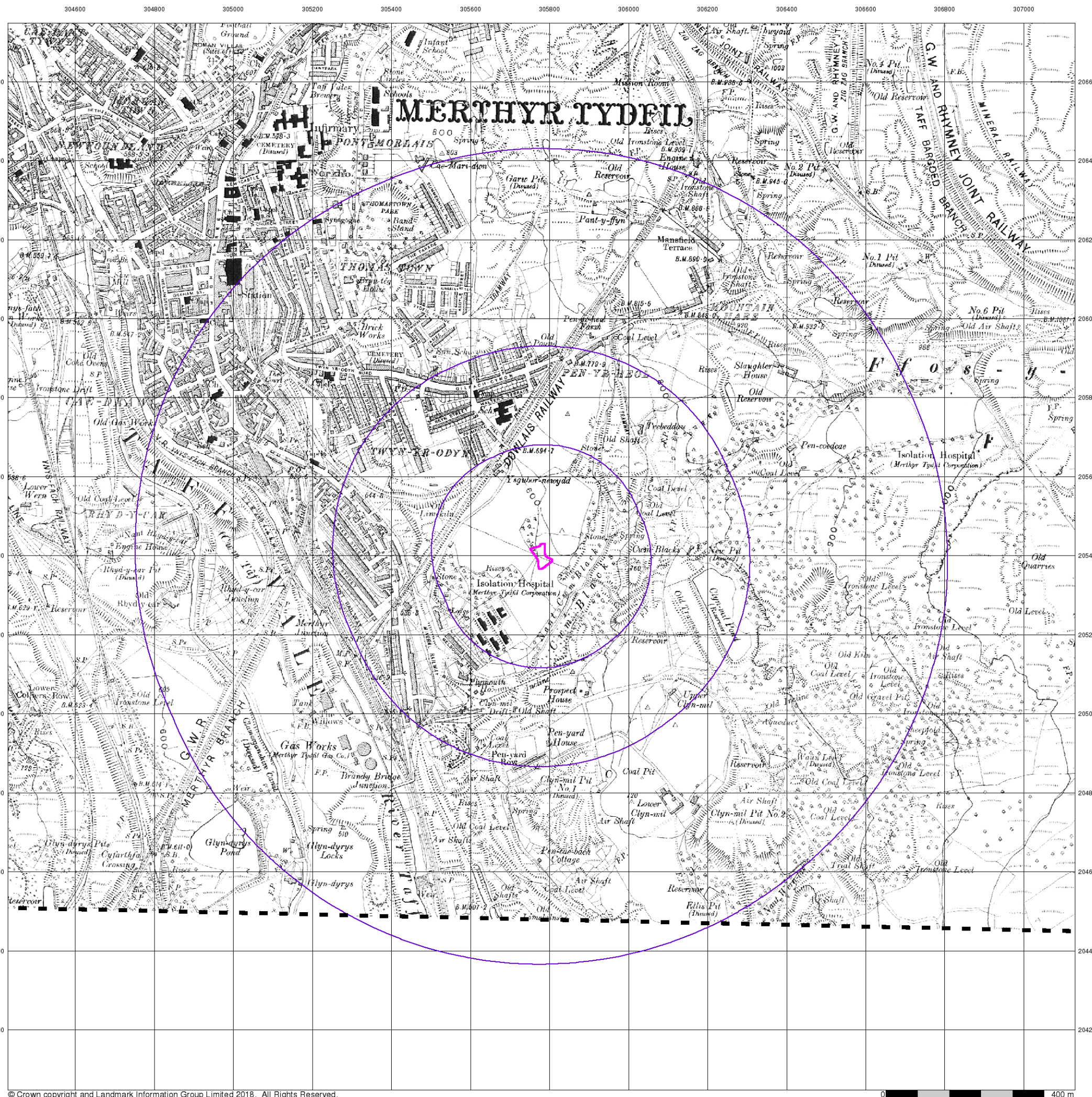
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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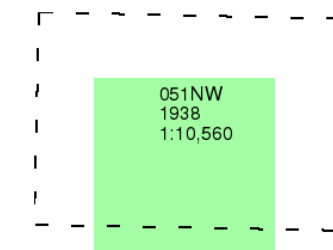
Brecknockshire

Published 1938

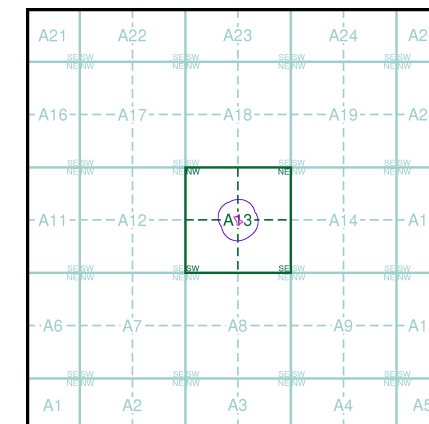
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

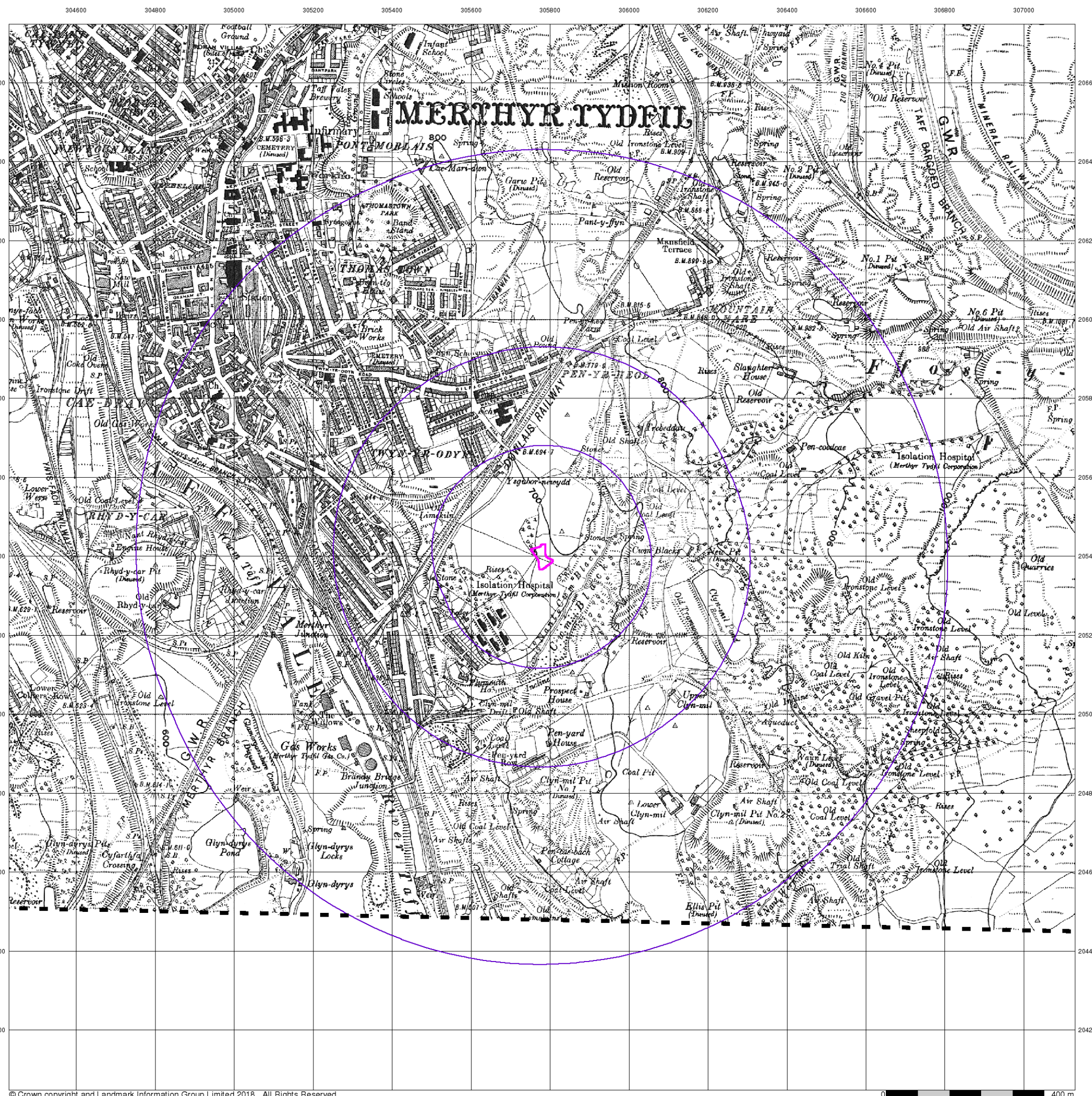
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Historical Aerial Photography

Published 1945

Source map scale - 1:10,560

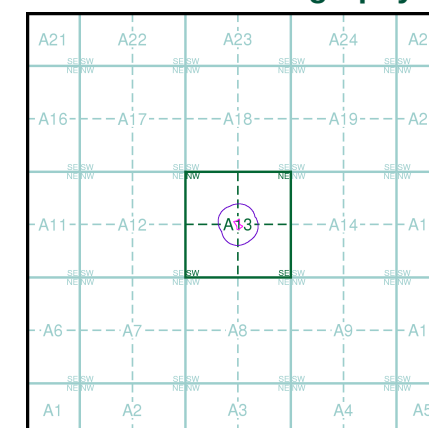
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)

SO00NW 1945 1:10,560	SO00NE 1945 1:10,560
SO00SW 1945 1:10,560	SO00SE 1945 1:10,560

Historical Aerial Photography - Slice A



LIBRARY
HSILIRB

Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Landmark
INFORMATION GROUP

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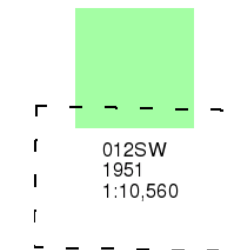
Glamorganshire

Published 1951

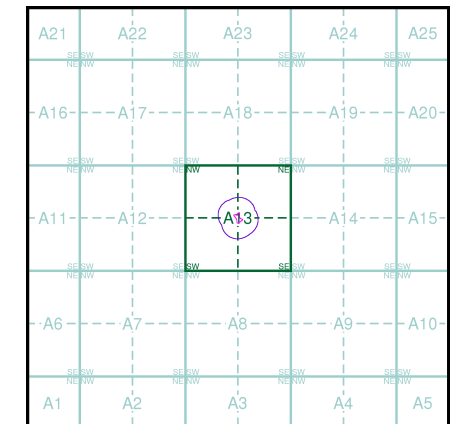
Source map scale - 1:10,560

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.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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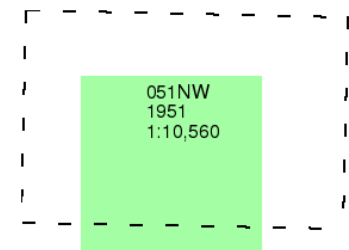
Brecknockshire

Published 1951

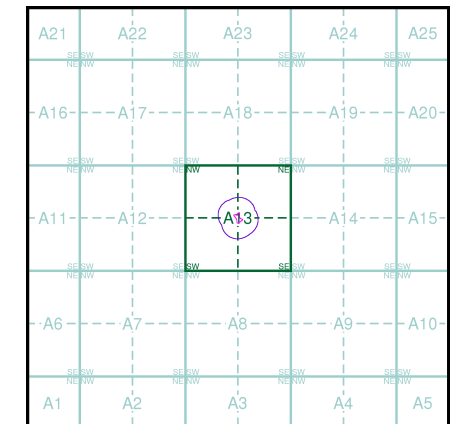
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Slice: A
Site Area (Ha): 0.17
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Ordnance Survey Plan

Published 1964 - 1965

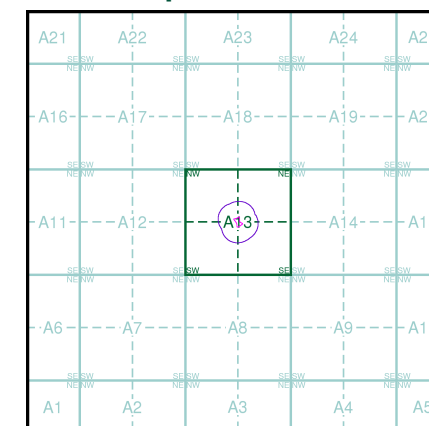
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

SO00NW	SO00NE
1965	1965
1:10,560	1:10,560
SO00SW	SO00SE
1964	1964
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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INFORMATION GROUP

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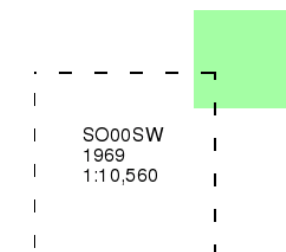
Ordnance Survey Plan

Published 1969

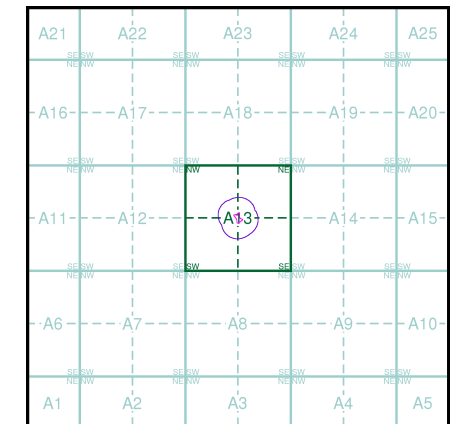
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1970 - 1979

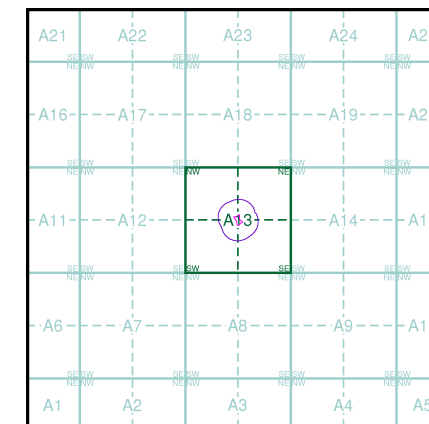
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

SO00NW	SO00NE
1979	1977
1:10,000	1:10,000
	SO00SE
	1970
	1:10,560

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1982 - 1989

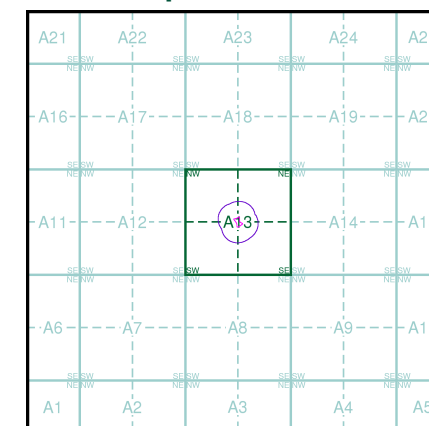
Source map scale - 1:10,000

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Map Name(s) and Date(s)

SO00NE	1983	1:10,000
SO00SW	1982	1:10,000
SO00SE	1989	1:10,000

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1990 - 1992

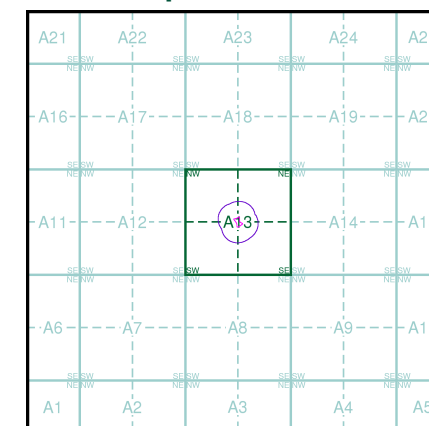
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1992	1992
1:10,000	1:10,000
SO00SW	
1990	
1:10,000	

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
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Search Buffer (m): 1000

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Landmark
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10k Raster Mapping

Published 1999

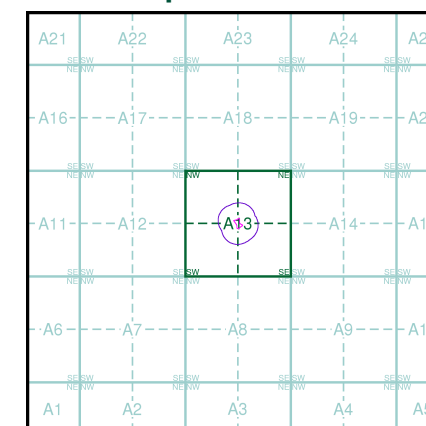
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1999	1999
1:10,000	1:10,000
SO00SW	SO00SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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



10k Raster Mapping

Published 2006

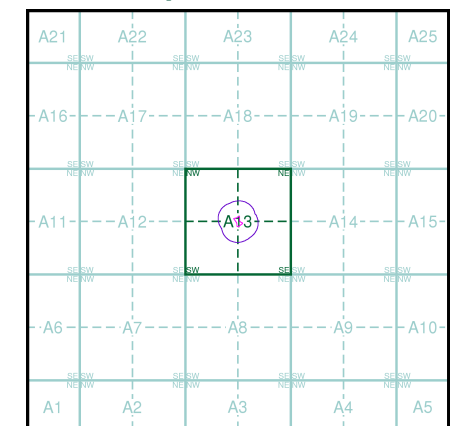
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
2006	2006
1:10,000	1:10,000
SO00SW	SO00SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 180966781_1_1
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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

180966781_1_1

Customer Reference:

14925/JRW

National Grid Reference:

305780, 205400

Slice:

A

Site Area (Ha):

0.17

Search Buffer (m):

1000

Site Details:

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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3			4	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 7				8
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8		Yes		
Pollution Incidents to Controlled Waters	pg 8				12
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 10			1	1
River Quality Biology Sampling Points	pg 11				1
River Quality Chemistry Sampling Points	pg 12				2
Substantiated Pollution Incident Register	pg 13			1	1
Water Abstractions	pg 14				3 (*5)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 15	Yes	n/a	n/a	n/a
Drift Deposits	pg 16	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 16		21	29	125

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 36			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 36			1	1
Licensed Waste Management Facilities (Locations)	pg 37				4
Local Authority Landfill Coverage	pg 37	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 38				2
Potentially Infilled Land (Non-Water)	pg 38		1	6	10
Potentially Infilled Land (Water)	pg 39		2	3	9
Registered Landfill Sites	pg 40				5
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 42	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 42	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 44		5	11	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	pg 52	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 52	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 52	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 52	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 53		1	11	52
Fuel Station Entries	pg 58				3
Points of Interest - Commercial Services	pg 59			4	13
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 60			1	12
Points of Interest - Public Infrastructure	pg 61				19
Points of Interest - Recreational and Environmental	pg 63		2	2	5
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 64			1	7
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 64				1
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	0	1	305800 205399
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	0	1	305779 205399
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	16	1	305779 205350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	94	1	305850 205300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	132	1	305650 205500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	136	1	305850 205250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	164	1	305900 205250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	167	1	305950 205300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	170	1	305779 205600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	181	1	305850 205200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	193	1	306000 205399
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	197	1	306000 205350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	198	1	305950 205250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	205	1	305550 205450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	205	1	305900 205200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	210	1	305650 205600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	217	1	305800 205150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	223	1	305750 205650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	228	1	305850 205150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	235	1	305950 205200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	254	1	305500 205450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	255	1	305650 205650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	266	1	305779 205100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	270	1	305779 205700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	272	1	305750 205700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	278	1	305600 205150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	300	1	305650 205700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	316	1	305779 205050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	317	1	305750 205050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	320	1	305800 205750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	326	1	305850 205750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	345	1	306150 205350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	354	1	306150 205300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	355	1	306100 205600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	366	1	305779 205000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	367	1	305750 205000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	374	1	305700 205000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	393	1	306200 205400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	393	1	306200 205399
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	397	1	305400 205600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	406	1	305600 205000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	409	1	306200 205500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	417	1	306150 205150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	423	1	305700 204950

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	A12NE (NW)	452	1	305400 205700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	465	1	305350 205650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	467	1	306200 205650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	472	1	306250 205550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	480	1	306150 205050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	489	1	305650 205900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	493	1	306300 205399
1	Discharge Consents Operator: Dwr Cymru Welsh Water Property Type: Water Treatment Works Location: Mountain Hare Fw Pumping Station, Oak Tree Rise/Dan-Y-Graig, Ysgubor Newydd, Merthyr Tydfil, South Wales, Cf47 0sn Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: Xb3690hm Permit Version: 2 Effective Date: 18th July 2018 Issued Date: 28th June 2018 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Cwm-Blacs Culvert Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	287	2	306056 205532
1	Discharge Consents Operator: Taylor Wimpey Uk Limited Property Type: Sewerage Network - Pumping Station - Others Location: Mountain Hare Fw Pumping Station, Oak Tree Rise/Dan-Y-Graig, Ysgubor Newydd, Merthyr Tydfil, South Wales, Cf47 0sn Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Eprxb3690hm Permit Version: 1 Effective Date: 17th August 2015 Issued Date: 17th August 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Cwm-Blacs Culvert Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	287	2	306056 205532
1	Discharge Consents Operator: Taylor Wimpey Uk Limited Property Type: Not Supplied Location: Mountain Hare Fw Pumping Station, Oak Tree Rise/Dan-Y-Graig, Ysgubor Newydd, Merthyr Tydfil, South Wales, Cf47 0sn Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: Xb3690hm Permit Version: 1 Effective Date: 17th August 2015 Issued Date: 17th August 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Cwm-Blacs Culvert Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	287	2	306056 205532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Merthyr Tydfil - Willows Gas W Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0091001 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 20th December 2001 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Taff Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A12SE (W)	398	2	305360 205350
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso Willow Gas Works Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: An0091001 Permit Version: 2 Effective Date: 21st December 2001 Issued Date: 20th December 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Taff Status: Effective Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	581	2	305370 204950
4	Discharge Consents Operator: Celtic Technologies Limited Property Type: Civil Engineering Location: Groundwater Remediation Treatment @, Former Willows Gasworks, The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, Cf48 1yh Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Eprnb3735aw Permit Version: 1 Effective Date: 15th April 2013 Issued Date: 15th April 2013 Revocation Date: 23rd December 2013 Discharge Type: Groundwater - Borehole Discharge: Into Land Environment: Receiving Water: Groundwater Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	628	2	305285 204973
5	Discharge Consents Operator: The Leisure Fund Limited Partnership Property Type: Recreational & Cultural Location: Rhyd-Y-Car Leisure Centre Mt, Rhyd-Y-Car, Merthyr Tydfil, Cf48 1ut Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0413101 Permit Version: Not Supplied Effective Date: 12th December 2016 Issued Date: 28th November 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Gb109057033100: Taff - Conf Taf Fechan To Conf R Cynon Status: Effective Positional Accuracy: Located by supplier to within 10m	A12NE (W)	641	2	305112 205448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: The Leisure Fund Limited Partnership Property Type: Recreational & Cultural Location: Rhyd-Y-Car Leisure Centre Mt, Rhyd-Y-Car, Merthyr Tydfil, Cf48 1ut Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: An0413101 Permit Version: 2 Effective Date: 12th December 2016 Issued Date: 28th November 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Taff Status: Effective Positional Accuracy: Located by supplier to within 10m	A12NE (W)	641	2	305112 205448
5	Discharge Consents Operator: Atlantic Properties Ltd Property Type: Sewerage Network - Pumping Station - Others Location: Rhyd-Y-Car Leisure Centre Mt, Rhyd-Y-Car, Merthyr Tydfil, Cf48 1ut Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0413101 Permit Version: 1 Effective Date: 28th September 2007 Issued Date: 28th September 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Taff 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	A12NE (W)	641	2	305112 205448
6	Discharge Consents Operator: Merthyr Tydfil County Borough Council Property Type: Recreational & Cultural Location: Rhydyar Sports Complex Merthyr T, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Af3031901 Permit Version: 1 Effective Date: 2nd October 1972 Issued Date: 2nd October 1972 Revocation Date: 6th May 2004 Discharge Type: Trade Discharges - Site Drainage Discharge: Not Supplied Environment: Receiving Water: Taff Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (W)	753	2	305014 205565
7	Discharge Consents Operator: Celtic Energy Ltd Property Type: Undefined Or Other Location: Water Tmnt Area Wa (Final) Rec Scme, E Merthyr Rec Scme Tmnt Area Wa, Phase 111a, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0264401 Permit Version: 1 Effective Date: 23rd July 1996 Issued Date: 23rd July 1996 Revocation Date: 2nd October 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Nant Cwm Blacs Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	882	2	306420 206045

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Delves Solid Fuels (Sw) Ltd Property Type: Undefined Or Other Location: Pentrebach Tip - Point X Authority: Natural Resources Wales Catchment Area: River Taff Reference: Ag0004101 Permit Version: 1 Effective Date: 25th November 1980 Issued Date: 25th November 1980 Revocation Date: 23rd September 1992 Discharge Type: Freshwater Discharge: Not Supplied Environment: Receiving Water: Pond On Nant Wern Las Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	905	2	306450 204750
9	Discharge Consents Operator: Nmc (Uk) Ltd Property Type: Undefined Or Other Location: Afan Taff Htl Rhydyar Merthyr Tyd, Rhydyar Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0115702 Permit Version: 1 Effective Date: 28th November 1988 Issued Date: 28th November 1988 Revocation Date: 16th January 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Taff Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A17SW (W)	915	2	304900 205750
10	Discharge Consents Operator: Celtic Energy Ltd Property Type: Undefined Or Other Location: Water Tmnt Area Wa (Final) Rec Scme, E Merthyr Rec Scme Tmnt Area Wa, Phase 111a, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0264401 Permit Version: 2 Effective Date: 3rd October 1997 Issued Date: 2nd October 1997 Revocation Date: 8th January 1999 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Nant Cwm Blacs Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	938	2	306600 205900
11	Discharge Consents Operator: Celtic Energy Ltd Property Type: Undefined Or Other Location: Water Tmnt Area Wa (Storm) Rec Scme, E Merthyr Rec Scme Tmnt Area Wa, Phase 111a, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0264402 Permit Version: 1 Effective Date: 23rd July 1996 Issued Date: 23rd July 1996 Revocation Date: 2nd October 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Nant Cwm Blacs Status: Authorisation revoked Positional Accuracy: Unknown	A19SE (NE)	948	2	306515 206038

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Delves Solid Fuels (Sw) Ltd Property Type: Undefined Or Other Location: Pentrebach Tip - Overflow From Authority: Natural Resources Wales Catchment Area: River Taff Reference: Ag0002401 Permit Version: 1 Effective Date: 18th December 1979 Issued Date: 18th December 1979 Revocation Date: 23rd September 1992 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Nant Wern Las Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	975	2	306500 204700
13	Discharge Consents Operator: The Company Secretary Property Type: Undefined Or Other Location: Wtr Tmnt Area Wa (Final Lag) Rec Sm, E Merthyr Rec Scme Tmnt Area Wa, Phase 111a, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0264401 Permit Version: 3 Effective Date: 9th January 1999 Issued Date: 2nd October 1997 Revocation Date: 31st March 2006 Discharge Type: Trade Discharges - Site Drainage Discharge: Not Supplied Environment: Receiving Water: Nant Cwm Blacs Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	978	2	306610 205960
14	Local Authority Pollution Prevention and Controls Name: Evans Halshaw Location: Pentrebach Road, MERTHYR TYDFIL, Mid Glamorgan, CF48 1YA Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/34(04) Dated: 1st June 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	517	3	305511 204922
15	Local Authority Pollution Prevention and Controls Name: Southern Vauxhall Location: Pentrebach Road, Merthyr Tydfil, Cf48 1ya Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG1.1/01/13 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	661	3	305565 204740
16	Local Authority Pollution Prevention and Controls Name: Petrogas Group Uk Ltd Location: 3-3a Lower High Street, Methyr Tydfil Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG1.14/04/10 Dated: 1st March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A12NW (NW)	729	3	305081 205703
17	Local Authority Pollution Prevention and Controls Name: Tbs (South Wales) Ltd Location: Triumph Works, The Willows, MERTHYR TYDFIL, Mid Glamorgan, CF48 1YH Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) Status: Application exempt from APC Positional Accuracy: Automatically positioned to the address	A7NE (SW)	758	3	305190 204883

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Local Authority Pollution Prevention and Controls Name: Triumph Business Systems Location: Tbs (South Wales) Ltd, The Willows, Abercanaid Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/3 Chemical treatment of timber and wood-based products Status: Application exempt from APC Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	763	3	305216 204847
18	Local Authority Pollution Prevention and Controls Name: Amnitech Ltd Location: Abercanaid, CF48 1UX Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/45 Surface cleaning Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	931	3	305280 204578
19	Local Authority Pollution Prevention and Controls Name: R-Tek Ltd Location: Unit 1 Triangle Business Park, Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4TQ Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Pg 6/32(97)-1 Dated: 1st March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG6/32 Adhesive coating Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A8SW (S)	940	3	305770 204426
19	Local Authority Pollution Prevention and Controls Name: Glamorgan Paint Stovers Location: Unit 7, Triangle Business Park, Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4BE Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/31(96)02 Dated: 12th June 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG6/31 Powder coating processes (including sheradizing) Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A8SW (S)	963	3	305778 204403
	Nearest Surface Water Feature	A13SE (SE)	66	-	305865 205356
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: At Footbridge, Near The Weir Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 28th May 1997 Incident Reference: 32500 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	A12NE (W)	552	4	305200 205400
21	Pollution Incidents to Controlled Waters Property Type: Road Location: Behind Hoovers Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Accidental Spillage/Leakage Incident Date: 29th July 1991 Incident Reference: 1182 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	702	4	306000 204700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Up Stream Of Rhydyar, Road Bridge Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 23rd March 1995 Incident Reference: 24240 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	A12NW (W)	760	4	305001 205531
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rhydyar Leisure Centre Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: River Taff Incident Date: 11th June 1997 Incident Reference: 32967 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	A12NW (W)	792	4	304970 205545
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rhydyar Leisure Centre Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 11th June 1997 Incident Reference: 32967 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	A12NW (W)	793	4	304970 205550
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Stream, Underneath, PENTREBACH Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 20th January 1992 Incident Reference: 1901 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	A12NW (W)	773	4	305001 205601
24	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Below Merthyr, 100 Yards Below, Brandy Bridge Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 12th October 1994 Incident Reference: 21322 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	A8SW (S)	814	4	305500 204600
25	Pollution Incidents to Controlled Waters Property Type: Road (Lost Load) Location: Bogey Road, Roundabout, MERTHYR TYDFIL Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Accidental Spillage/Leakage Incident Date: 15th May 1995 Incident Reference: 24189 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	843	4	306300 206100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Goat Mill Road Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 13th March 1997 Incident Reference: 31912 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	A19NW (NE)	873	4	306200 206200
27	Pollution Incidents to Controlled Waters Property Type: Road Location: A470 Roadscheme, ABERCANAID Authority: Environment Agency, Welsh Region Pollutant: Rubble/Litter Or Solids Note: Accidental Spillage/Leakage Incident Date: 2nd October 1995 Incident Reference: 26254 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	898	4	304900 205700
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: St Tydfil Court Authority: Environment Agency, Welsh Region Pollutant: Rubble/Litter Or Solids Note: River Taff Incident Date: 5th February 1998 Incident Reference: 34791 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Neglect Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (W)	915	4	304900 205750
28	Pollution Incidents to Controlled Waters Property Type: Road Location: Pentrbach Authority: Environment Agency, Welsh Region Pollutant: Cement/Mortar Note: Poor Operational Practise Incident Date: 5th August 1994 Incident Reference: 21251 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	999	4	305505 204405
	River Quality Name: Taff GQA Grade: River Quality A Reach: Conf.Nant Cannaid-Nant Rhyd Y Car Estimated Distance (km): 1.5 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A12SE (SW)	494	4	305325 205161
	River Quality Name: Taff GQA Grade: River Quality A Reach: Conf.Nant Rhyd'R-Conf.Morlais Estimated Distance (km): 1.1 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A12NW (W)	705	4	305071 205600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	River Quality Biology Sampling Points Name: Taff Reach: Confluence Nant Cannaid To Nant Rhyd Y Car Estimated Distance: 1.50 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 B - 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 Not Supplied 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 C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade C - Fairly Good	A12NW (W)	657	4	305100 205500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	River Quality Chemistry Sampling Points Name: Taff Reach: Confluence Nant Rhyd'R To Confluence Morlais Estimated Distance: 1.10 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 C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly 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 A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very 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 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 B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied	A12NW (W)	791	4	304988 205621

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	River Quality Chemistry Sampling Points Name: Taff Reach: Confluence Nant Cannaid To Nant Rhyd Y Car Estimated Distance: 1.50 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 C - Fairly 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 B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - 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 A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very 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 A - Very 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	A8SW (SW)	794	4	305461 204637
32	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 5th February 2007 Incident Reference: 467094 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Landfill Odour	A18SE (NE)	401	2	306007 205766
33	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 4th September 2013 Incident Reference: 1155986 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material Pollutant: Inert Materials And Wastes: Soils And Clay Pollutant: Other Pollutant Pollutant: Specific Waste Materials: Household Waste Pollutant: Specific Waste Materials: Tyres	A19SW (NE)	771	2	306409 205887

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Water Abstractions Operator: TBS (South Wales) Ltd Licence Number: 21/57/22/0035 Permit Version: 100 Location: Borehole At Tbs (South Wales) Ltd Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole - Depth 93 M Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	894	4	305190 204690
35	Water Abstractions Operator: Hoover Plc Licence Number: 21/57/22/0025 Permit Version: 100 Location: Nant Canaid At Glyn-Dyrys Authority: Natural Resources Wales Abstraction: Machinery And Electronics: General Use (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nant Canaid Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	967	2	305160 204620
35	Water Abstractions Operator: Hoover Plc Licence Number: 21/57/22/0025 Permit Version: 100 Location: Nant Canaid At Glyn-Dyrys Authority: Natural Resources Wales Abstraction: Machinery And Electronics: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	971	2	305160 204615
	Water Abstractions Operator: P Forker Contractors Limited Licence Number: 21/57/22/0037 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: River Daily Rate (m3): 300 Yearly Rate (m3): 15000 Details: River Taff 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	A16SE (NW)	1228	4	304700 206050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Miller Argent (South Wales) Ltd Licence Number: 21/57/22/0009 Permit Version: 103 Location: Reservoir C Authority: Natural Resources Wales Abstraction: Extractive: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1865	2	307600 205900
	Water Abstractions Operator: Miller Argent (South Wales) Ltd Licence Number: 21/57/22/0009 Permit Version: 102 Location: Reservoir C Authority: Environment Agency, Welsh Region Abstraction: Extractive: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1865	4	307600 205900
	Water Abstractions Operator: Miller Argent (South Wales) Ltd Licence Number: 21/57/22/0009 Permit Version: 101 Location: Reservoir C Authority: Environment Agency, Welsh Region Abstraction: Extractive: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th September 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1865	4	307600 205900
	Water Abstractions Operator: Celtic Energy Ltd Licence Number: 21/57/22/0009 Permit Version: 100 Location: Reservoir C Authority: Environment Agency, Welsh Region Abstraction: Extractive: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1865	4	307600 205900
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A13NW (W)	0	4	305779 205399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A13NW (W)	0	4	305779 205399
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (W)	0	1	305779 205399
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (W)	0	1	305779 205399
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	67	5	305867 205356
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	69	5	305860 205343
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	69	5	305860 205343
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	70	5	305856 205336
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	75	5	305844 205320
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	77	5	305867 205338

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	104	5	305903 205428
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 0.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	109	5	305822 205266
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	109	5	305821 205266
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	109	5	305822 205266
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	142	5	305914 205497
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	155	5	305937 205472
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	161	5	305902 205544
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	176	5	305956 205483
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	195	5	305785 205172

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	223	5	305882 205632
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (E)	228	5	306033 205351
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (E)	230	5	306034 205355
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	241	5	305561 205253
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	242	5	305891 205649
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	242	5	305891 205649
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	273	5	306079 205374
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (S)	280	5	305705 205095
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	280	5	306064 205275

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	289	5	306096 205380
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	294	5	306062 205534
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 331.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	294	5	306062 205534
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 277.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	301	5	306046 205203
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	318	5	305464 205283
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 232.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	322	5	305462 205280
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	338	5	306145 205396
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	344	5	306037 205666
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	352	5	306116 205559

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	352	5	306116 205559
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	354	5	305675 205027
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	363	5	306170 205394
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	394	5	305938 205794
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 425.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (NE)	398	5	306127 205638
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	410	5	305902 204976
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	445	5	305863 204929
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 280.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	452	5	305855 204921
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	456	5	305942 205859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	456	5	305942 205859
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (SW)	464	5	305549 204961
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	476	5	306281 205437
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	477	5	306222 205152
82	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: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	478	5	306226 205156
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	483	5	306178 205077
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	484	5	306005 204938
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	486	5	305981 204924
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (NE)	502	5	306244 205638

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (NE)	508	5	306249 205643
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	517	5	305440 204973
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	520	5	305954 204877
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	529	5	305976 204876
91	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: Cynon, Ely and Rhondda Primacy: 2	A8NE (S)	529	5	305975 204875
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	535	5	305420 204966
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	543	5	305411 204963
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	550	5	306134 205857
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	550	5	306133 205858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	552	5	305403 204959
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	552	5	305263 205158
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	553	5	305259 205166
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (NE)	553	5	306021 205931
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 266.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (NE)	554	5	306281 205683
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	572	5	305384 204949
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	581	5	306232 204990
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 239.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	581	5	306232 204990
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 419.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	590	5	305364 204943

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12SE (W)	592	5	305161 205383
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	592	5	305892 206013
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	592	5	305892 206013
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12SE (W)	594	5	305160 205368
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	594	5	305160 205368
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	595	5	305886 206017
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	598	5	305155 205379
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	599	5	305982 204803
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	601	5	305152 205384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	602	5	305686 204771
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	605	5	305148 205393
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	619	5	305663 204758
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	621	5	306407 205548
118	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 56.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	627	5	306411 205555
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	650	5	305953 206059
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	653	5	305929 206067
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	657	5	306245 204896
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	657	5	306245 204896

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	660	5	305974 204737
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 764.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	678	5	306456 205585
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	679	5	305615 204706
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	679	5	305615 204706
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	691	5	305075 205556
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12NW (W)	694	5	305071 205550
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12NW (W)	703	5	305065 205564
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12NW (W)	704	5	305062 205559
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	704	5	305065 205573

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	715	5	305330 204806
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12NW (W)	719	5	305051 205574
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A12NW (W)	719	5	305051 205574
135	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: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	719	5	306277 205958
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	719	5	306277 205958
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	721	5	305948 204665
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	721	5	305051 205583
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A9NW (SE)	729	5	306451 205044
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (SE)	729	5	306461 205063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	733	5	305040 205591
142	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	736	5	306353 204892
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	741	5	306469 205053
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	760	5	306139 204697
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	760	5	306139 204697
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	761	5	306386 204892
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	791	5	306498 205780
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	807	5	306363 205995
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	808	5	305031 205049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	812	5	305048 205004
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 278.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	819	5	305064 204959
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	825	5	304991 205097
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	825	5	304991 205097
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 544.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	833	5	306539 205790
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	833	5	306539 205790
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	842	5	305314 204663
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	850	5	305499 204563
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	855	5	306504 204891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	870	5	305484 204546
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	877	5	306593 205779
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	881	5	306449 206012
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	881	5	306420 206043
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	885	5	305879 204487
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	886	5	305929 204493
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	886	5	304953 205034
166	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 100.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	890	5	306422 204743
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	894	5	304892 205172

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	895	5	305875 204477
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	907	5	305159 204700
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	915	5	306490 206017
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	917	5	306183 204543
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	917	5	306228 204567
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	918	5	305867 204453
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	921	5	305866 204450
175	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	922	5	306467 206054
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A19NW (NE)	923	5	306439 206084

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	925	5	305861 204445
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	928	5	305959 206342
179	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	928	5	306495 206031
180	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: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	929	5	304955 204928
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	931	5	306150 206287
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 257.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	932	5	306565 204844
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	935	5	305940 206353
184	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	936	5	306659 205775
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	936	5	305939 206354

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	937	5	304917 204989
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	941	5	305853 204428
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	941	5	305853 204428
189	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: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	941	5	304914 204986
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 264.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NW (SW)	941	5	304913 204988
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	942	5	306528 206013
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 341.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	943	5	305851 204426
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A19NW (NE)	947	5	306406 206148
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	950	5	306226 206273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	953	5	306010 204442
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	958	5	305170 204624
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	958	5	305169 204625
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	962	5	306066 204449
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 678.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	962	5	304830 205693
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Rhyd-y-car Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	962	5	304830 205693
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	971	5	306467 204674
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	971	5	306467 204674
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Rhyd-y-car Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	974	5	304812 205672

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	976	5	306660 204912
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	976	5	306660 204912
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	992	5	305931 204386
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	992	5	305962 204392
208	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	994	5	306038 204407
209	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SW (SW)	994	5	305084 204652
210	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 342.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	996	5	306384 206228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	Historical Landfill Sites Licence Holder: Mr and Mrs Mahoney Location: Ysgubor Newydd, Merthyr Tydfil Name: Pencoedcae Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14538 First Input Date: 31st December 1974 Last Input Date: 31st December 1992 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6925/0023 BGS Ref: Not Supplied Other Ref: 4	A14NW (NE)	492	2	306247 205607
212	Historical Landfill Sites Licence Holder: Roy Thomas Location: Merthyr Tydfil Name: Bogey Road Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14534 First Input Date: 31st December 1980 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6925/0004 BGS Ref: Not Supplied Other Ref: Not Supplied	A19SE (NE)	785	2	306464 205830
213	Historical Landfill Sites Licence Holder: Not Supplied Location: Bogey Road, Mountain Hare, Merthyr Tydfil Name: Incline Side Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14982 First Input Date: 31st December 1989 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6925/0018 BGS Ref: Not Supplied Other Ref: Not Supplied	A19SE (NE)	906	2	306603 205826
214	Licensed Waste Management Facilities (Landfill Boundaries) Name: Pencoedcae Farm Landfill Licence Number: 30126 Location: Pencoedcae Farm Landfill, Cwmbblacs Slip Road, Cwmbblacs, Merthyr Tydfil, Glamorgan, CF48 4AJ Licence Holder: Harris Andrew Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: Closure Issued: 18th May 1994 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A14NW (E)	431	2	306235 205444
215	Licensed Waste Management Facilities (Landfill Boundaries) Name: Ael Y Bryn Landfill Licence Number: 30017 Location: Ael Y Bryn Landfill, Mountain Hare Road, Mountain Hare, Merthyr Tydfil, Glamorgan, CF47 0LH Licence Holder: Hurley T Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: Closure Issued: 21st March 1987 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A14NW (NE)	557	2	306254 205734

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	Licensed Waste Management Facilities (Locations) Licence Number: DP3799FX Location: Pencoedcae Farm Landfill, Cwmblacs, Merthyr Tydfil, Glamorgan, Merthyr Tydfil, CF48 4AJ Operator Name: Andrew Harris Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Not Supplied Licence Status: Effective Issued: 18th May 1994 Last Modified: Not Supplied Expires: 2nd May 2003 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	509	2	306260 205620
216	Licensed Waste Management Facilities (Locations) Licence Number: 30126 Location: Pencoedcae Farm Landfill, Cwmblacs Slip Road, Cwmblacs, Merthyr Tydfil, CF48 4AJ Operator Name: Harris Andrew Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Licence Status: Closed Issued: 18th May 1994 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	A14NW (NE)	509	2	306260 205620
217	Licensed Waste Management Facilities (Locations) Licence Number: FP3399FP Location: Ael Y Bryn Landfill, Mountain Hare, Merthyr Tydfil, Glamorgan, Merthyr Tydfil, CF47 0LH Operator Name: Tony Hurley Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Not Supplied Licence Status: Surrendered Issued: 21st March 1987 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd May 2016 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	765	2	306385 205908
217	Licensed Waste Management Facilities (Locations) Licence Number: 30017 Location: Ael Y Bryn Landfill, Mountain Hare Road, Mountain Hare, Merthyr Tydfil, CF47 0LH Operator Name: Hurley T Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Licence Status: Closed Issued: 21st March 1987 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	A19SW (NE)	765	2	306385 205908
	Local Authority Landfill Coverage Name: Merthyr Tydfil County Borough Council - Has supplied landfill data		0	3	305779 205399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	Local Authority Recorded Landfill Sites Location: Pencoedcae Farm, Cwmblacks Reference: 103 Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: 31/12/1983 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14NW (NE)	578	3	306312 205674
219	Local Authority Recorded Landfill Sites Location: Cwmbargoed Lower Reference: 111 Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A19SW (NE)	772	3	306235 206060
220	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SE (SE)	41	-	305845 205372
221	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (NE)	386	-	305943 205783
222	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (SE)	393	-	306120 205149
223	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (E)	461	-	306233 205564
224	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (NE)	483	-	306087 205809
225	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SE (N)	485	-	305953 205886
226	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (NW)	493	-	305547 205865
227	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SW (E)	508	-	306308 205306
228	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NE (SE)	573	-	306027 204849
229	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NE (SW)	669	-	305374 204830
230	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SW (NE)	700	-	306234 205969
231	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NE (E)	802	-	306608 205441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	824	-	305699 206249
233	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NE (NW)	832	-	305361 206151
234	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SE (S)	860	-	305979 204530
235	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12SW (W)	889	-	304867 205336
236	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	966	-	306744 205151
237	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13NW (W)	31	-	305718 205412
238	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (W)	130	-	305637 205355
239	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A14SW (E)	344	-	306147 205337
240	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12SE (W)	373	-	305410 205268
241	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A14NW (E)	382	-	306188 205407
242	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A14NW (NE)	558	-	306257 205733
243	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NE (SW)	587	-	305378 204933
244	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NE (SW)	677	-	305234 204959
245	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	726	-	305043 205261
246	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A8SW (S)	761	-	305622 204621
247	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	814	-	304938 205420
248	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A8SW (S)	946	-	305652 204429
249	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	962	-	305005 204788
250	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NW (SW)	963	-	305039 204745

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
251	Registered Landfill Sites Licence Holder: Mr & Mrs Mahoney Licence Reference: 4 Site Location: Pencoedcae Farm, Cwmblacks, Mountain Hare, Merthyr Tydfil, Mid Glamorgan Licence Easting: 306340 Licence Northing: 205680 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st September 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Commercial Waste Construction And Demolition Wastes Excavated Natural Materials \$ Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Non-Toxic Waste Mine And Quarry Wastes	A14NW (NE)	606	4	306340 205680
252	Registered Landfill Sites Licence Holder: T Hurley Licence Reference: 890056 Site Location: Ael Y Bryn Landfill, Mountain Hare, MERTHYR TYDFIL, Mid Glamorgan, CF47 0LH Licence Easting: 306300 Licence Northing: 205850 Operator Location: 20 Dyffryn Street, PONTLOTTYN, Mid Glamorgan, CF81 9RQ Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Operational as far as is knownOperational Dated: 1st May 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Brick Max.Waste Permitted By Licence Soil, Subsoil, Excav'N Waste Prohibited Waste Any Substances In Eec Dir. 80/68 Biodegradable Waste Flammable Liquids Percussive/Explosive/Similar Waste Poisonous, Noxious, Polluting Wastes Pumpable Sludges (< 20% Dry Solids) Sub'S Control. Radioactive Subs Act'60 Wast In Sealed Drums Waste N.O.S.	A19SW (NE)	662	4	306300 205850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	Registered Landfill Sites Licence Holder: A Harris Licence Reference: 940132 Site Location: Pencoedcae Farm, Cwmblacks Slip Road, Mountain Hare, MERTHYR TYDFIL, Mid Glamorgan, CF48 4AJ Licence Easting: 306600 Licence Northing: 205750 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site closed (licence suspended)Site Closed Dated: 18th May 1994 Preceded By: 930126 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Brick Max.Waste Permitted By Licence Nat'L Stone & Slate Soil, Subsoil, Excav'N Waste Prohibited Waste: Any Substances In Eec Dir. 80/68 Biodegradable Waste Poisonous, Noxious, Polluting Wastes Pumpable Sludges (< 20% Dry Solids) Waste In Sealed Drums Waste N.O.S.	A19SE (NE)	872	4	306600 205750
253	Registered Landfill Sites Licence Holder: A Harris Licence Reference: 930126 Site Location: Pencoedcae Farm, Cwmblacks Slip Road, Mountain Hare, MERTHYR TYDFIL, Mid Glamorgan, CF48 4AJ Licence Easting: 306600 Licence Northing: 205750 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 1st February 1993 Preceded By: Not Given Licence: Superseded By: 940132 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Waste	A19SE (NE)	872	4	306600 205750
254	Registered Landfill Sites Licence Holder: R Thomas Licence Reference: 890057 Site Location: 3 Incline Side, Mountain Hare, Merthyr Tydfil, Mid Glamorgan Licence Easting: 306630 Licence Northing: 205890 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1989 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Excavation Soil & Topsoil	A19SE (NE)	960	4	306630 205890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13NW (W)	0	1	305779 205399
	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:	A13NW (W)	0	1	305779 205399
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (SE)	103	1	305887 205322
	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:	A13SE (SE)	232	1	306010 205274
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13SE (SE)	233	1	306018 205288
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12SE (SW)	359	1	305438 205238
	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:	A14SW (E)	393	1	306175 205250

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: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NE (W)	536	1	305243 205586
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12NE (W)	543	1	305217 205512
	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:	A8NE (S)	555	1	305992 204854
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	674	1	305602 204715
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17SW (NW)	772	1	305086 205807
	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:	A7NW (SW)	813	1	305051 204995

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 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SW (NE)	813	1	306367 206000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SE (SW)	923	1	305180 204660
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (E)	954	1	306755 205277
255	BGS Recorded Mineral Sites Site Name: Cwm Blacks Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90891 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	138	1	305870 205260
255	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (S)	148	1	305835 205230
255	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A13SE (S)	148	1	305835 205230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
256	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A13SE (S)	193	1	305805 205175
256	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (S)	193	1	305805 205175
257	BGS Recorded Mineral Sites Site Name: Merthyr Common Coal Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90919 Type: Underground Status: Ceased Operator: Not Supplied 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	A13SE (SE)	254	1	305985 205205
258	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90894 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	263	1	306035 205520
258	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90894 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	263	1	306035 205520
259	BGS Recorded Mineral Sites Site Name: Trebeddau Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125690 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	312	1	306052 205597

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	BGS Recorded Mineral Sites Site Name: Prospect House Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125680 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	353	1	305702 205021
260	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90888 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	372	1	305670 205010
260	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90889 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	385	1	305630 205010
261	BGS Recorded Mineral Sites Site Name: Cwm Blacks Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90881 Type: Underground Status: Ceased Operator: Not Supplied 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	A14NW (E)	366	1	306170 205435
262	BGS Recorded Mineral Sites Site Name: Trebeddau Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125688 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	368	1	306034 205704
263	BGS Recorded Mineral Sites Site Name: Trebeddau Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90895 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	438	1	305960 205833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
264	BGS Recorded Mineral Sites Site Name: Penyrheol Air Shaft Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 235646 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	492	1	306104 205807
265	BGS Recorded Mineral Sites Site Name: Pen-Yr-Heol Ironstone Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125689 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	571	1	306044 205940
266	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 1 Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90883 Type: Underground Status: Ceased Operator: Not Supplied 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	A8NE (S)	574	1	305920 204810
266	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 1 Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90883 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	574	1	305920 204810
267	BGS Recorded Mineral Sites Site Name: Pen-Yard House Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125687 Type: Underground Status: Ceased Operator: Not Supplied 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	A8NE (SE)	580	1	306029 204843
268	BGS Recorded Mineral Sites Site Name: Upper Clyn-Mil Clay Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90887 Type: Opencast Status: Ceased Operator: Not Supplied 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	A14SW (SE)	587	1	306325 205110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	BGS Recorded Mineral Sites Site Name: Pencoedcae Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90882 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	631	1	306382 205647
269	BGS Recorded Mineral Sites Site Name: Pencoedcae Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90882 Type: Underground Status: Ceased Operator: Not Supplied 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	A14NW (E)	631	1	306382 205647
270	BGS Recorded Mineral Sites Site Name: Penyard Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90890 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SW (S)	656	1	305700 204715
271	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 2 Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90884 Type: Underground Status: Ceased Operator: Not Supplied 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	A9NW (SE)	774	1	306270 204765
271	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 2 Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90884 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	774	1	306270 204765
272	BGS Recorded Mineral Sites Site Name: Upper Clyn-Mil Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125706 Type: Underground Status: Ceased Operator: Not Supplied 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	A14SE (E)	781	1	306531 205093

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
273	BGS Recorded Mineral Sites Site Name: Pen-Cae-Bach Pits Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125681 Type: Underground Status: Ceased Operator: Not Supplied 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	A8SW (S)	811	1	305727 204557
274	BGS Recorded Mineral Sites Site Name: Waun Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90886 Type: Underground Status: Ceased Operator: Not Supplied 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	A9NW (SE)	823	1	306435 204855
274	BGS Recorded Mineral Sites Site Name: Upper Clyn-Mil Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125701 Type: Underground Status: Ceased Operator: Not Supplied 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	A9NW (SE)	830	1	306428 204836
275	BGS Recorded Mineral Sites Site Name: Pen-Cae-Bach Cottage Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125683 Type: Underground Status: Ceased Operator: Not Supplied 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	A8SE (S)	825	1	305843 204544
276	BGS Recorded Mineral Sites Site Name: Pantyffyn Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 235645 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NW (N)	837	1	305751 206266
277	BGS Recorded Mineral Sites Site Name: Ffros-Y-Fran Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125709 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	865	1	306548 205843

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	BGS Recorded Mineral Sites Site Name: Coslet Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90878 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	866	1	306315 206117
279	BGS Recorded Mineral Sites Site Name: Pant-Y-Ffyn Coal Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90899 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	870	1	305839 206298
280	BGS Recorded Mineral Sites Site Name: Garw Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90896 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	919	1	305779 206349
281	BGS Recorded Mineral Sites Site Name: Thomas Town Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 9029 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	928	1	305375 206265
282	BGS Recorded Mineral Sites Site Name: Clyn-Mil No. 3 Level Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90921 Type: Underground Status: Ceased Operator: Not Supplied 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	A14SE (E)	936	1	306695 205090
282	BGS Recorded Mineral Sites Site Name: Fros-Y-Fran Gravel Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125715 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (E)	963	1	306710 205053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
283	BGS Recorded Mineral Sites Site Name: Thomas Price Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90880 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	943	1	306555 205978
284	BGS Recorded Mineral Sites Site Name: Merthyr Common Ironstone Levels Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90920 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	944	1	306750 205345
285	BGS Recorded Mineral Sites Site Name: Ellis Pit (Disused) Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125691 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	956	1	306061 204453
286	BGS Recorded Mineral Sites Site Name: Rhyd-Y-Car Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125650 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SW (W)	960	1	304796 205331
287	BGS Recorded Mineral Sites Site Name: Ellis Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 90885 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	979	1	306225 204495
288	BGS Recorded Mineral Sites Site Name: Merthyr Common Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 125711 Type: Underground Status: Ceased Operator: Not Supplied 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	A9NE (SE)	988	1	306570 204759

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.	A13NW (W)	0	6	305779 205399
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (W)	0	-	305779 205399
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	186	1	305985 205443
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	49	1	305852 205368
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	180	1	305576 205454
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	243	1	306030 205290
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	243	1	306030 205290
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	112	1	305917 205364
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	170	1	305942 205284
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	305779 205399
	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	A13NW (W)	0	1	305779 205399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
289	Contemporary Trade Directory Entries Name: Twyn Launderette Location: Glasier rd, Merthyr Tydfil, Mid Glamorgan, CF47 0TD Classification: Laundries & Launderettes Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13NW (W)	213	-	305540 205438
290	Contemporary Trade Directory Entries Name: Valley Pest Control Location: 16, Taff Glen View, Merthyr Tydfil, Mid Glamorgan, CF47 0TH Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	294	-	305527 205605
291	Contemporary Trade Directory Entries Name: Motofix Location: Plymouth Street, Merthyr Tydfil, Mid Glamorgan, CF47 0TT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	367	-	305447 205202
292	Contemporary Trade Directory Entries Name: Clean Extreme Location: 14, Gladstone Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0UU Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	415	-	305448 205109
293	Contemporary Trade Directory Entries Name: Kaykel Communications Location: 41, Clare Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YN Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	417	-	305359 205277
293	Contemporary Trade Directory Entries Name: W J Hughes Painters & Decorators Location: 47, Clare Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YL Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	448	-	305328 205272
294	Contemporary Trade Directory Entries Name: Planet Wales Three Good Friends Location: 85, Glasier Road, Merthyr Tydfil, Mid Glamorgan, CF47 0SR Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	418	-	305834 205845
295	Contemporary Trade Directory Entries Name: S A S Location: 28a, Ernest Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YP Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	426	-	305329 205371
296	Contemporary Trade Directory Entries Name: Green Engineering Services Ltd Location: 17, Hawthorn Drive, Merthyr Tydfil, Mid Glamorgan, CF47 0LZ Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	433	-	306038 205784
297	Contemporary Trade Directory Entries Name: Conservatory Shine Location: 2, Parfitt Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0PL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	468	-	305657 205880
298	Contemporary Trade Directory Entries Name: Tribotics Location: The Archers, Clare St, Merthyr Tydfil, Mid Glamorgan, CF47 0YL Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SE (W)	469	-	305295 205313
299	Contemporary Trade Directory Entries Name: Scotts Autotrade Location: 21, Plymouth Street, Merthyr Tydfil, Mid Glamorgan, CF47 0TT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	474	-	305302 205568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
300	Contemporary Trade Directory Entries Name: Russell Roberts Auto Repairs Location: Ernest St, Merthyr Tydfil, Mid Glamorgan, CF47 0YP Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	501	-	305256 205488
301	Contemporary Trade Directory Entries Name: Evans Halshaw Merthyr Tydfil Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	513	-	305511 204927
302	Contemporary Trade Directory Entries Name: Jocks Joinery Location: Warlow St, Merthyr Tydfil, Mid Glamorgan, CF47 0YW Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	519	-	305247 205538
303	Contemporary Trade Directory Entries Name: Kwik Fit Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	571	-	305512 204860
304	Contemporary Trade Directory Entries Name: Read Industrial Doors Ltd Location: Unit 7-8, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	580	-	305191 205565
304	Contemporary Trade Directory Entries Name: Read Industrial Doors Location: Unit 7-8, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	580	-	305191 205565
304	Contemporary Trade Directory Entries Name: Ecas Systems Ltd Location: The Arches Plymouth Court, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	583	-	305191 205575
304	Contemporary Trade Directory Entries Name: Rheidol Services Ltd Location: Unit 4-5, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	589	-	305190 205592
304	Contemporary Trade Directory Entries Name: Advanced Engineering Services (Wales) Ltd Location: Unit 4-5, Plymouth Court, Warlow Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YS Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	589	-	305190 205592
305	Contemporary Trade Directory Entries Name: King David Tyres Ltd Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	583	-	305526 204839
305	Contemporary Trade Directory Entries Name: Thomas & Davies Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YB Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	620	-	305537 204794

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
305	Contemporary Trade Directory Entries Name: Southern Merthyr Ltd Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YA Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	649	-	305563 204753
306	Contemporary Trade Directory Entries Name: Speedy Hire Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YA Classification: Machine Tool Accessories & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	588	-	305452 204876
307	Contemporary Trade Directory Entries Name: A Class Cleaning Location: 78, Twynrobyn Road, Merthyr Tydfil, Mid Glamorgan, CF47 0PT Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	605	-	305334 205855
308	Contemporary Trade Directory Entries Name: U T S Rescue & Recovery Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	618	-	305254 205033
308	Contemporary Trade Directory Entries Name: A-Klass Freight Services Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	618	-	305254 205033
309	Contemporary Trade Directory Entries Name: Capitol Volkswagen Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YA Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	624	-	305477 204818
310	Contemporary Trade Directory Entries Name: Full Cycle Recycle Location: Transfer Station, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF47 0LH Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	626	-	306005 206017
310	Contemporary Trade Directory Entries Name: James Boulton Ltd Location: Dan-yr-Haul, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF47 0LH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	649	-	306055 206021
311	Contemporary Trade Directory Entries Name: Dairycrest Dairies Ltd Location: Abercanaid Industrial Estate, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	305278 204934
311	Contemporary Trade Directory Entries Name: Davies European Service Ltd Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	305278 204934
312	Contemporary Trade Directory Entries Name: Alan'S Tyre Shop Location: Willows House, Abercanaid Industrial Estate, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	676	-	305307 204879

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
312	Contemporary Trade Directory Entries Name: A.M.R. Motors Location: The Old Gas Works, The Willows, Abercanard, Merthyr Tydfil, Mid Glamorgan, CF47 8XB Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	707	-	305312 204832
313	Contemporary Trade Directory Entries Name: Dw Railway Location: 31, Trevithick Gardens, Merthyr Tydfil, Mid Glamorgan, CF47 0RP Classification: Railways Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	691	-	305171 205791
314	Contemporary Trade Directory Entries Name: Akwamasta Water Level - Bevan Products Location: Ty Coed, Penheolferthyr, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF47 0LF Classification: Builders' Tools & Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	696	-	306167 206014
315	Contemporary Trade Directory Entries Name: S & A Motor Services Location: Rear of Kingsley Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0NR Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	706	-	305541 206093
315	Contemporary Trade Directory Entries Name: P & L Autos Location: Rear Of Kingsley Ter, Merthyr Tydfil, Mid Glamorgan, CF47 0NR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	707	-	305541 206094
315	Contemporary Trade Directory Entries Name: A M R Motors Location: Woodland Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0NL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	744	-	305534 206131
315	Contemporary Trade Directory Entries Name: Ray Evans & Son Location: Woodland Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0NL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	744	-	305534 206131
316	Contemporary Trade Directory Entries Name: T M S Location: 12, Woodland Place, Merthyr Tydfil, Mid Glamorgan, CF47 0NH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	707	-	305464 206062
317	Contemporary Trade Directory Entries Name: N P V Recovery Ltd Location: Unit 2 Willows House, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	713	-	305386 204769
318	Contemporary Trade Directory Entries Name: Petrol Gas Location: 3a, Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	754	-	305065 205729
318	Contemporary Trade Directory Entries Name: Apple Green Petrol Gas Location: 3a, Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NW)	754	-	305065 205729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
318	Contemporary Trade Directory Entries Name: Texaco Location: 3, Lower High Street, Merthyr Tydfil, CF47 8EB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NW)	754	-	305059 205714
318	Contemporary Trade Directory Entries Name: Simon Jones Cars Ltd Location: 3, Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	755	-	305065 205729
318	Contemporary Trade Directory Entries Name: Merthyr Motor Co Location: Lower High Street, Merthyr Tydfil, Mid Glamorgan, CF47 8EB Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	768	-	305046 205719
318	Contemporary Trade Directory Entries Name: Co-Operative Food Location: Merthyr Tydfil, Mid Glamorgan, Cf47 8eb Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (NW)	791	-	305027 205734
319	Contemporary Trade Directory Entries Name: Triumph Business Systems Location: Triumph Works, The Willows, Merthyr Tydfil, Mid Glamorgan, CF48 1YH Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	758	-	305190 204883
319	Contemporary Trade Directory Entries Name: Triumph Location: Triumph Works, The Willows, Merthyr Tydfil, CF48 1YH Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	759	-	305190 204882
319	Contemporary Trade Directory Entries Name: Triumph Furniture Location: Triumph Works, The Willows, Merthyr Tydfil, CF48 1YH Classification: Furniture Manufacturers - Home & Office Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	759	-	305190 204882
320	Contemporary Trade Directory Entries Name: K.A.M. Cleaning Co Location: 1, Tydfil Villas, Courtland Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0DT Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	780	-	305221 205989
321	Contemporary Trade Directory Entries Name: Andrew'S Commercial Vehicle Repairs Location: Unit 1, Bogey Road, Mountain Hare, Merthyr Tydfil, Mid Glamorgan, CF48 4AP Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	792	-	306425 205900
321	Contemporary Trade Directory Entries Name: Philip Price Commercial Vehicle Services Location: Unit 1, Bogey Road, Mountain Hare, Merthyr Tydfil, CF48 4AP Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	795	-	306432 205896
322	Contemporary Trade Directory Entries Name: Homestyle By Fads Location: 1, Court Street, Merthyr Tydfil, Mid Glamorgan, CF47 8DU Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	810	-	305035 205795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	Contemporary Trade Directory Entries Name: The Electronic Cigarette Shop Location: 19, Lower High Street, Merthyr Tydfil, CF47 8EB Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	824	-	305020 205794
322	Contemporary Trade Directory Entries Name: Ruggers Location: 19, Lower High Street, Merthyr Tydfil, CF47 8EB Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	824	-	305020 205794
323	Contemporary Trade Directory Entries Name: Amnritec Location: Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1UX Classification: Hose, Tubing & Fittings Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7SE (SW)	931	-	305280 204578
323	Contemporary Trade Directory Entries Name: Amnritec Location: Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1UX Classification: Hose, Tubing & Fittings Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	932	-	305280 204578
324	Contemporary Trade Directory Entries Name: R-Tek Location: Unit 1/3, Triangle Business Park, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TQ Classification: Prop Shaft Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	939	-	305770 204427
325	Contemporary Trade Directory Entries Name: Spartan Tools Ltd Location: 23, Lower Thomas Street, Merthyr Tydfil, Mid Glamorgan, CF47 0BY Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	985	-	305117 206170
326	Contemporary Trade Directory Entries Name: Merthyr Service Centre Location: Flat 7, Buckland House, Caedraw Road, Merthyr Tydfil, Mid Glamorgan, CF47 8HG Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	994	-	304840 205812
327	Contemporary Trade Directory Entries Name: Tesco Petrol Filling Station Location: Tramroadside North, MERTHYR TYDFIL, Mid Glamorgan, CF47 0AL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NW (NW)	998	-	305041 206117
328	Fuel Station Entries Name: Evans Halshaw Location: Pentrebach Road , Ysgubor Newydd , Merthyr Tydfil, Merthyr Tydfil, CF48 1YA Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A8NW (SW)	514	-	305507 204928
329	Fuel Station Entries Name: Thomas & Davies Location: Pentrebach Road , Ysgubor Newydd , Merthyr Tydfil, Merthyr Tydfil, CF48 1YB Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A8NW (S)	620	-	305537 204794
330	Fuel Station Entries Name: Merthyr Tydfil Service Station Location: 3-3a, Lower High Street , , Merthyr Tydfil, Merthyr Tydfil, CF47 8EB Brand: Low Prices Always Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12NW (NW)	710	-	305098 205694

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
331	Points of Interest - Commercial Services Name: Valley Pest Control Location: 16 Taff Glen View, Merthyr Tydfil, CF47 0TH Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13NW (NW)	294	7	305526 205605
331	Points of Interest - Commercial Services Name: Valley Pest Control Location: 16 Taff Glen View, Merthyr Tydfil, CF47 0TH Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13NW (NW)	294	7	305527 205605
332	Points of Interest - Commercial Services Name: Motofix Location: Plymouth Street, Merthyr Tydfil, CF47 0TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	368	7	305446 205201
333	Points of Interest - Commercial Services Name: Russell Roberts Location: 28 Ernest Street, Merthyr Tydfil, CF47 0YP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	426	7	305329 205371
334	Points of Interest - Commercial Services Name: Williams Harry Haulage Contractor Location: Maescynon, Queens Road, Merthyr Tydfil, CF47 0NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (NW)	526	7	305507 205882
335	Points of Interest - Commercial Services Name: IMO - arc Clean Car Centres Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NW (SW)	551	7	305453 204919
335	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	573	7	305514 204856
336	Points of Interest - Commercial Services Name: A-klass Freight Services Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	618	7	305254 205033
337	Points of Interest - Commercial Services Name: Davies European Transport Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	659	7	305278 204934
337	Points of Interest - Commercial Services Name: Davies European Service Ltd Location: Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	659	7	305277 204934
338	Points of Interest - Commercial Services Name: Merthyr Tydfil Service Station Location: 3a Lower High Street, Merthyr Tydfil, CF47 8EB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NW (NW)	710	7	305098 205694
338	Points of Interest - Commercial Services Name: Car Wash Location: 3a Lower High Street, Merthyr Tydfil, CF47 8EB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NW (NW)	754	7	305065 205729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	Points of Interest - Commercial Services Name: Car Care Location: 3 Yew Street, Dowlais, Merthyr Tydfil, CF48 3NT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	779	7	305055 205765
339	Points of Interest - Commercial Services Name: S & A Motor Services Location: 1 Kingsley Terrace, Merthyr Tydfil, CF47 0NR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	714	7	305522 206095
340	Points of Interest - Commercial Services Name: A1 Autovalet Location: 3 Court Terrace, Merthyr Tydfil, CF47 0SH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	719	7	305212 205892
340	Points of Interest - Commercial Services Name: A1 Autovalet Location: 3 Court Terrace, Merthyr Tydfil, CF47 0SH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	719	7	305212 205892
341	Points of Interest - Commercial Services Name: Philip Price Commercial Vehicle Services Location: Unit 1, Bogey Road, Mountain Hare, Merthyr Tydfil, CF48 4AP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	795	7	306432 205896
342	Points of Interest - Manufacturing and Production Name: D Wigley Location: Upper Glynmil Cottage, Mountain Hare, Merthyr Tydfil, CF48 4AJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NE (SE)	447	7	306108 205057
343	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	735	7	305134 205006
344	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NE (SW)	750	7	305223 204858
344	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	753	7	305215 204862
345	Points of Interest - Manufacturing and Production Name: Abercanaid Industrial Estate Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	774	7	305265 204784
346	Points of Interest - Manufacturing and Production Name: Works Location: CF47 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	810	7	305059 205836
347	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	902	7	305222 204654

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
348	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: CF47 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18NE (N)	922	7	305783 206352
349	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7SE (SW)	943	7	305294 204555
349	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	953	7	305280 204552
350	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	972	7	305616 204407
350	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SW (S)	983	7	305617 204396
351	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	991	7	305473 204423
352	Points of Interest - Public Infrastructure Name: Spoil Heap Location: CF48 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	581	7	306346 205169
353	Points of Interest - Public Infrastructure Name: Old Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	620	7	305380 205913
353	Points of Interest - Public Infrastructure Name: Old Cemetery Location: CF47 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	625	7	305370 205912
354	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	646	7	306445 205284
354	Points of Interest - Public Infrastructure Name: Refuse Tips (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	736	7	306530 205251
355	Points of Interest - Public Infrastructure Name: James Boulton Ltd Location: Dan-yr-Haul, Mountain Hare, Merthyr Tydfil, CF47 0LH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A18SE (NE)	649	7	306055 206021

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
356	Points of Interest - Public Infrastructure Name: Landfill Site Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	671	7	306317 205843
357	Points of Interest - Public Infrastructure Name: Texaco Location: 3 Lower High Street, Merthyr Tydfil, CF47 8EB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NW (NW)	710	7	305098 205694
357	Points of Interest - Public Infrastructure Name: Apple Green Petrol Gas Location: 3 Lower High Street, Merthyr Tydfil, CF47 8EB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NW (NW)	710	7	305098 205694
357	Points of Interest - Public Infrastructure Name: Somerfield Merthyr Tydfil 3389-4 Location: 3a Lower High Street, Merthyr Tydfil, CF47 8EB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NW (NW)	754	7	305065 205729
357	Points of Interest - Public Infrastructure Name: Co-Op Merthyr Tydfil Location: 3a Lower High Street, Merthyr Tydfil, CF47 8EB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NW (NW)	754	7	305065 205729
357	Points of Interest - Public Infrastructure Name: Petrol Gas Location: 3a Lower High Street, Merthyr Tydfil, CF47 8EB Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NW (NW)	755	7	305065 205729
358	Points of Interest - Public Infrastructure Name: Weir Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	851	7	305473 204571
359	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	863	7	304944 205114
360	Points of Interest - Public Infrastructure Name: Merthyr Tydfil Rail Station Location: CF47 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A17SW (NW)	946	7	305005 205997
360	Points of Interest - Public Infrastructure Name: Merthyr Tydfil Station Location: Masonic Street, CF47 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A17SW (NW)	946	7	305005 205997
361	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	978	7	306464 206136
362	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	993	7	306617 205977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
363	Points of Interest - Public Infrastructure Name: Tesco Petrol Filling Station Location: Tramroadside North, Merthyr Tydfil, CF47 0AL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NW (NW)	998	7	305041 206117
364	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 (W)	173	7	305591 205353
364	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Glasier Road, CF47 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	183	7	305581 205352
365	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	A12NE (W)	441	7	305334 205559
366	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	A18SE (N)	470	7	305939 205875
367	Points of Interest - Recreational and Environmental Name: Playground Location: (Gilfach-Cynon), CF47 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SE (NW)	609	7	305414 205924
367	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	A17SE (NW)	611	7	305413 205925
368	Points of Interest - Recreational and Environmental Name: Skateboard Park Location: CF48 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12NW (W)	790	7	304971 205539
369	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	A17NE (N)	911	7	305424 206268
369	Points of Interest - Recreational and Environmental Name: Playground Location: Summerhill Place, CF47 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	913	7	305416 206267

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
370	Ancient Woodland Name: Not Supplied Reference: 22397 Area(m ²): 18406.76 Type: Restored Ancient Woodland Site	A14NW (NE)	496	2	306248 205617
371	Ancient Woodland Name: Not Supplied Reference: 18407 Area(m ²): 20107.73 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	723	2	306357 204917
372	Ancient Woodland Name: Not Supplied Reference: 16790 Area(m ²): 2836.93 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	755	2	306465 205764
373	Ancient Woodland Name: Not Supplied Reference: 18403 Area(m ²): 5831.23 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	778	2	306120 204668
374	Ancient Woodland Name: Not Supplied Reference: 16788 Area(m ²): 10561.02 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	831	2	305111 204866
375	Ancient Woodland Name: Not Supplied Reference: 10123 Area(m ²): 30290.31 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	853	2	306462 204839
376	Ancient Woodland Name: Not Supplied Reference: 18404 Area(m ²): 5177.83 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	935	2	306403 204666
377	Ancient Woodland Name: Not Supplied Reference: 18408 Area(m ²): 13658.65 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	945	2	306641 204944
378	Sites of Special Scientific Interest Name: Cwm Glo A Glyndyrys Multiple Areas: N Total Area (m ²): 1813102.27 Source: Natural Resources Wales Reference: 159733wnl Designation Details: Biological Designation Date: 23rd January 2003 Date Type: Notified	A7NW (SW)	927	2	304959 204926

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council - Public Protection Department Rhondda Cynon Taff County Borough Council - Environmental Services	August 2013 February 2013 February 2015 October 2017	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 July 2018	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	July 2018 July 2018	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Caerphilly County Borough Council - Environmental Health Department Powys County Council - Public Protection Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division Merthyr Tydfil County Borough Council - Environmental Health Department	February 2013 May 2014 September 2014 September 2016	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Powys County Council - Public Protection Department Caerphilly County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division Merthyr Tydfil County Borough Council - Environmental Health Department	May 2014 September 2014 September 2014 September 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Powys County Council - Public Protection Department Caerphilly County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division Merthyr Tydfil County Borough Council - Environmental Health Department	May 2014 September 2014 September 2014 September 2016	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	As notified As notified
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 January 2015	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency Wales - South East Area Natural Resources Wales	July 2018 July 2018	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	July 2018 July 2018	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - Welsh Region	July 2018 October 2017	Quarterly Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Natural Resources Wales	November 2016	As notified
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	February 2018	Quarterly
Flooding from Rivers or Sea without Defences Natural Resources Wales	February 2018	Quarterly
Areas Benefiting from Flood Defences Natural Resources Wales	February 2018	Quarterly
Flood Water Storage Areas Natural Resources Wales	February 2018	Quarterly
Flood Defences Natural Resources Wales	July 2017	Quarterly
OS Water Network Lines Ordnance Survey	May 2018	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water Suitability Natural Resources Wales	October 2013	As notified
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	June 1996	Not Applicable
Historical Landfill Sites Natural Resources Wales	July 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South East Area Natural Resources Wales	July 2018 July 2018	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South East Area Natural Resources Wales	July 2018 July 2018	Quarterly Quarterly
Local Authority Landfill Coverage Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council Rhondda Cynon Taff County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council Rhondda Cynon Taff County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Brecon Beacons National Park Caerphilly County Borough Council - Planning Department Powys County Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department Merthyr Tydfil County Borough Council - Planning Department	August 2008 February 2016 February 2016 February 2016 September 2007	Annual Rolling Update Variable Variable Variable Variable
Planning Hazardous Substance Consents Brecon Beacons National Park Caerphilly County Borough Council - Planning Department Powys County Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department Merthyr Tydfil County Borough Council - Planning Department	August 2008 February 2016 February 2016 February 2016 September 2007	Annual Rolling Update Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2018	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2018	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	September 2018	Quarterly
Points of Interest - Education and Health PointX	September 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2018	Quarterly
Points of Interest - Public Infrastructure PointX	September 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	

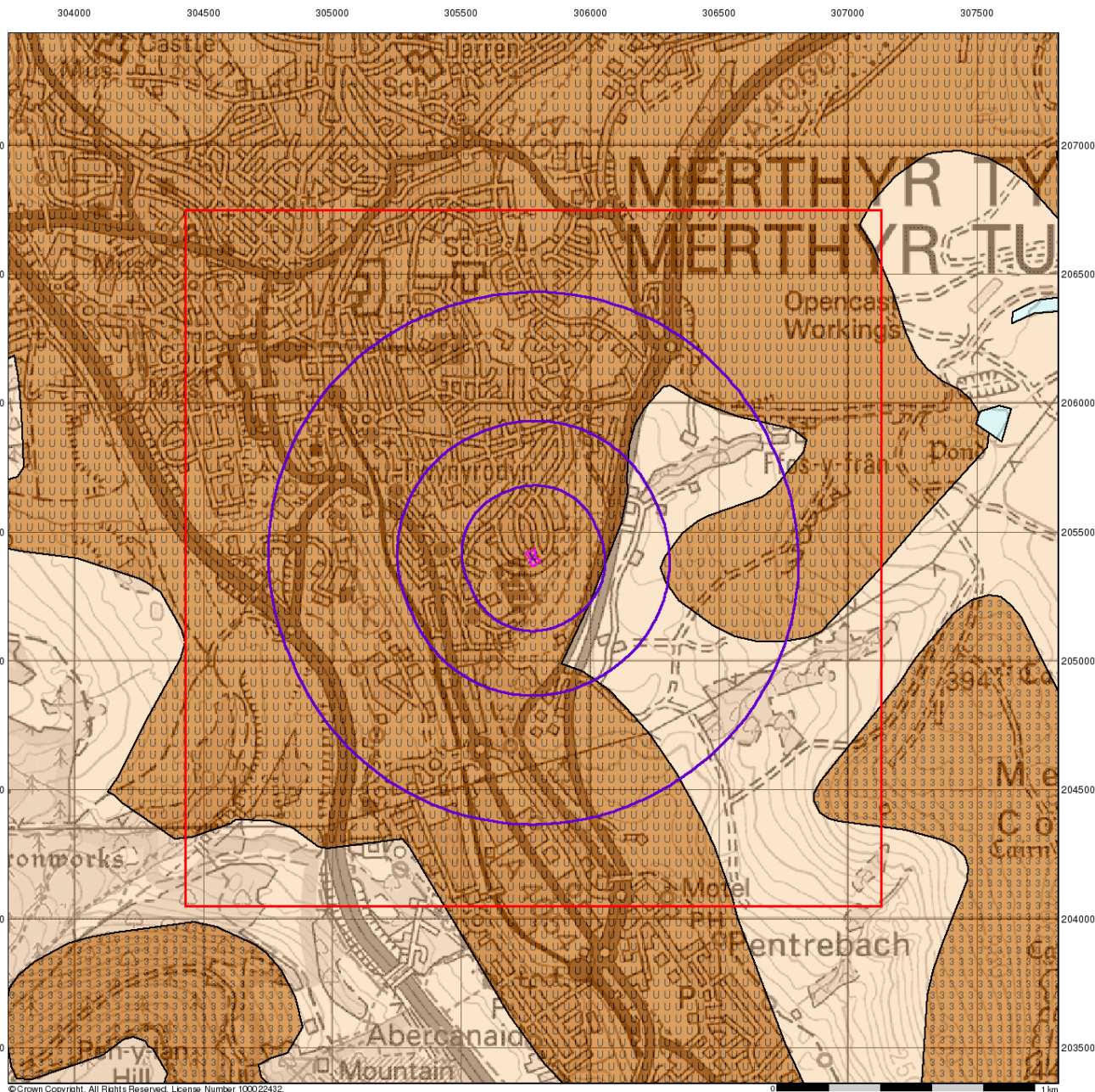
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	August 2018	Bi-Annually
Areas of Outstanding Natural Beauty Natural Resources Wales	August 2018	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Caerphilly County Borough Council Merthyr Tydfil County Borough Council Powys County Council Rhondda Cynon Taff County Borough Council	August 2018 August 2018 August 2018 August 2018	Bi-Annually Bi-Annually Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Parks Natural Resources Wales	August 2018	Annually
Nitrate Vulnerable Zones Natural Resources Wales The National Assembly for Wales - GI Services (Department of Planning & Countryside)	July 2017 October 2005	Bi-Annually
Ramsar Sites Natural Resources Wales	February 2018	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	February 2018	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2018	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Merthyr Tydfil County Borough Council - Environmental Health Department Civic Centre, Castle Street, Merthyr Tydfil, Mid Glamorgan, CF47 8AN	Telephone: 01685 725000 Fax: 01685 725024 Website: www.merthyr.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
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

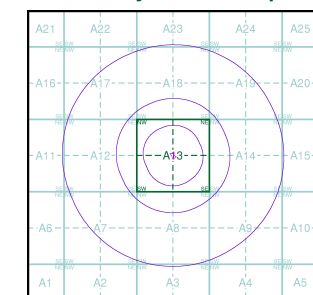
Drift Deposit

Soil Classes

High (H) 1, 2, 3, U
Intermediate (I) 1, 2
Low

High (H) 1, 2, 3, U
Intermediate (I) 1, 2
Low

Site Sensitivity Context Map - Slice A



Order Details

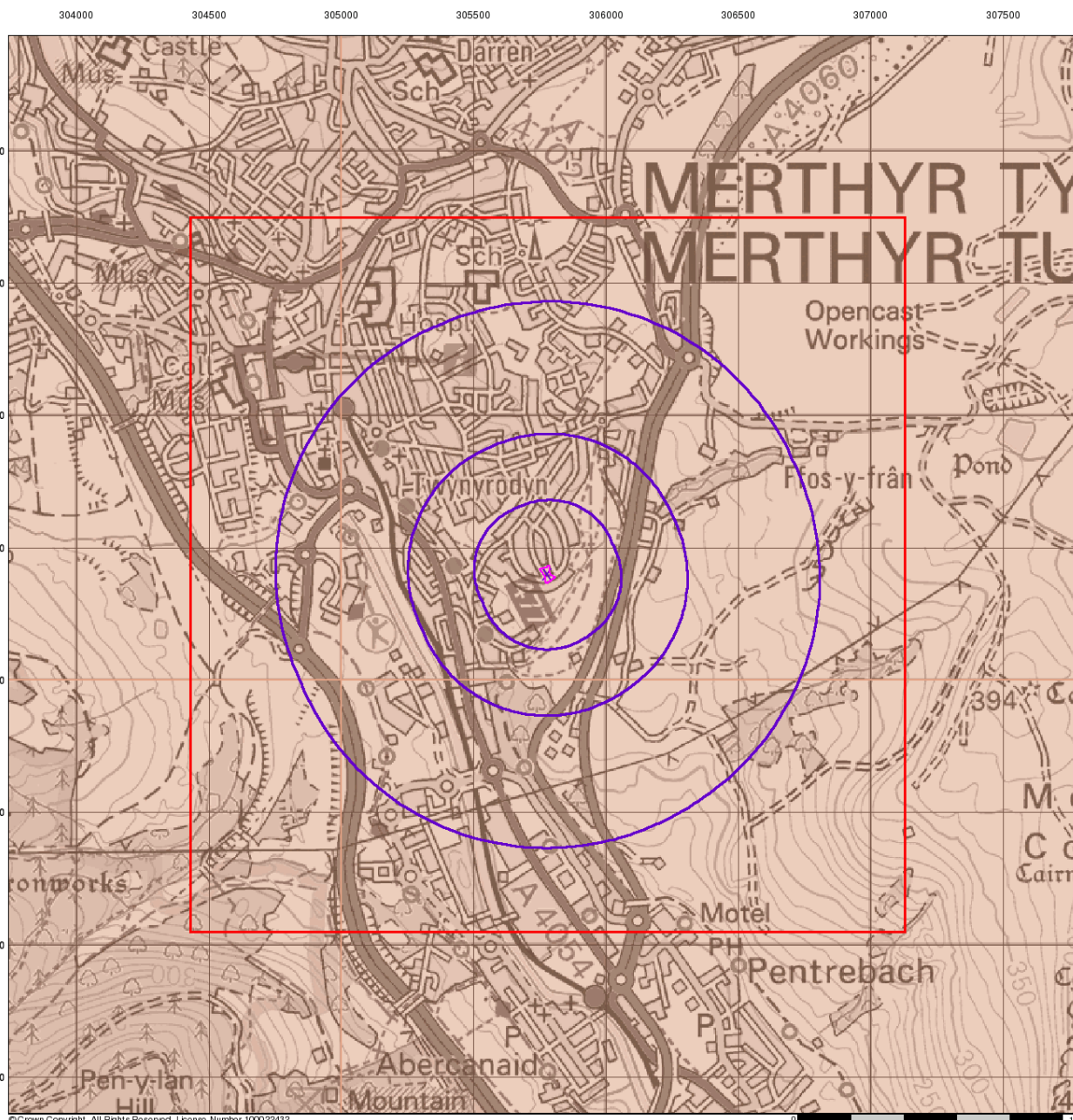
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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



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Bedrock Aquifer Designation

General

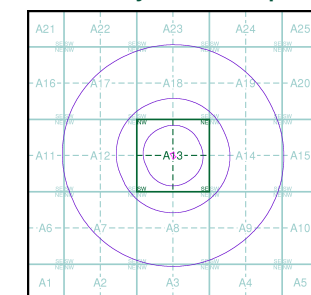
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

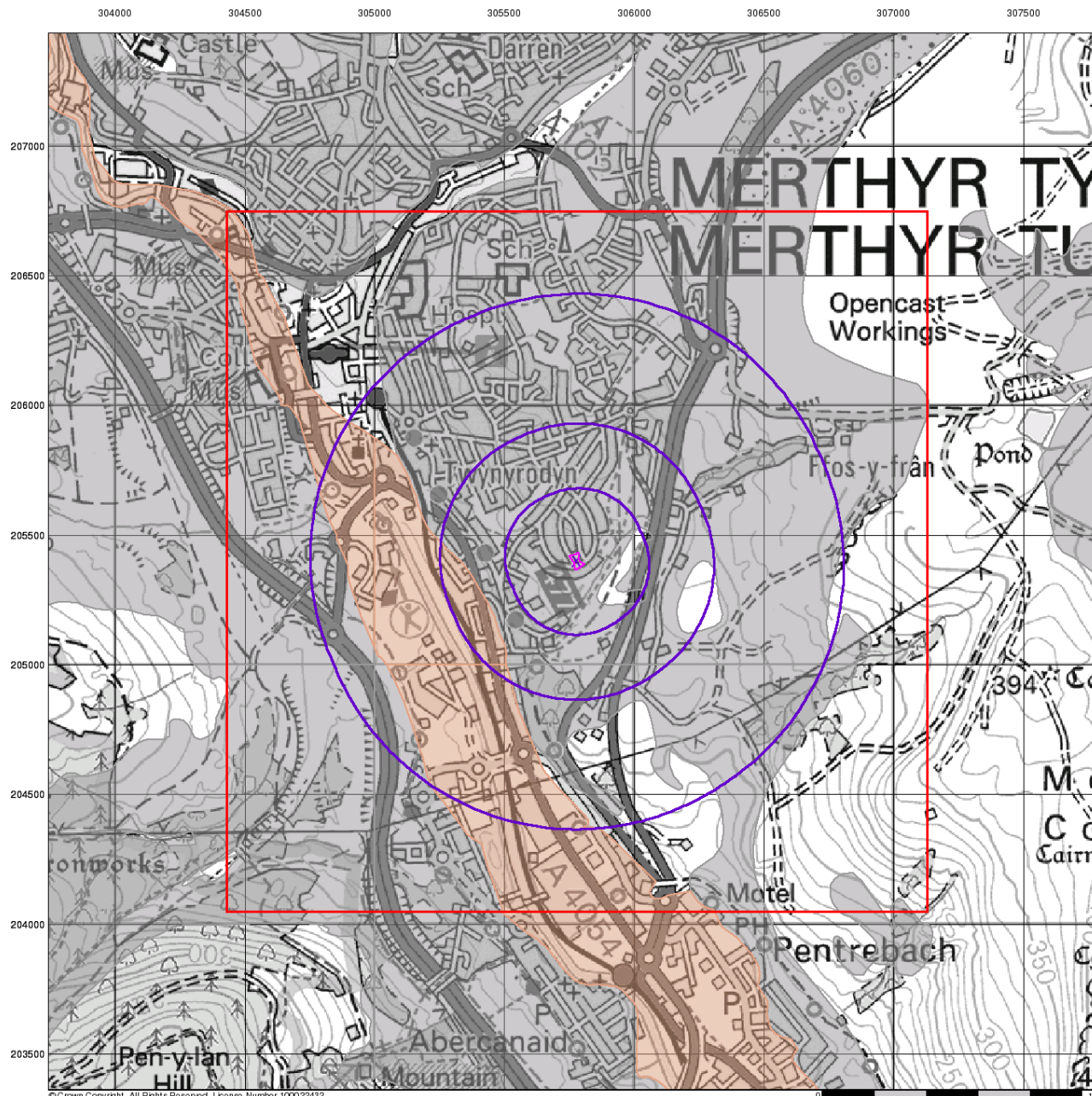
Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

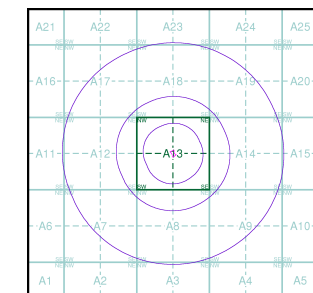
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

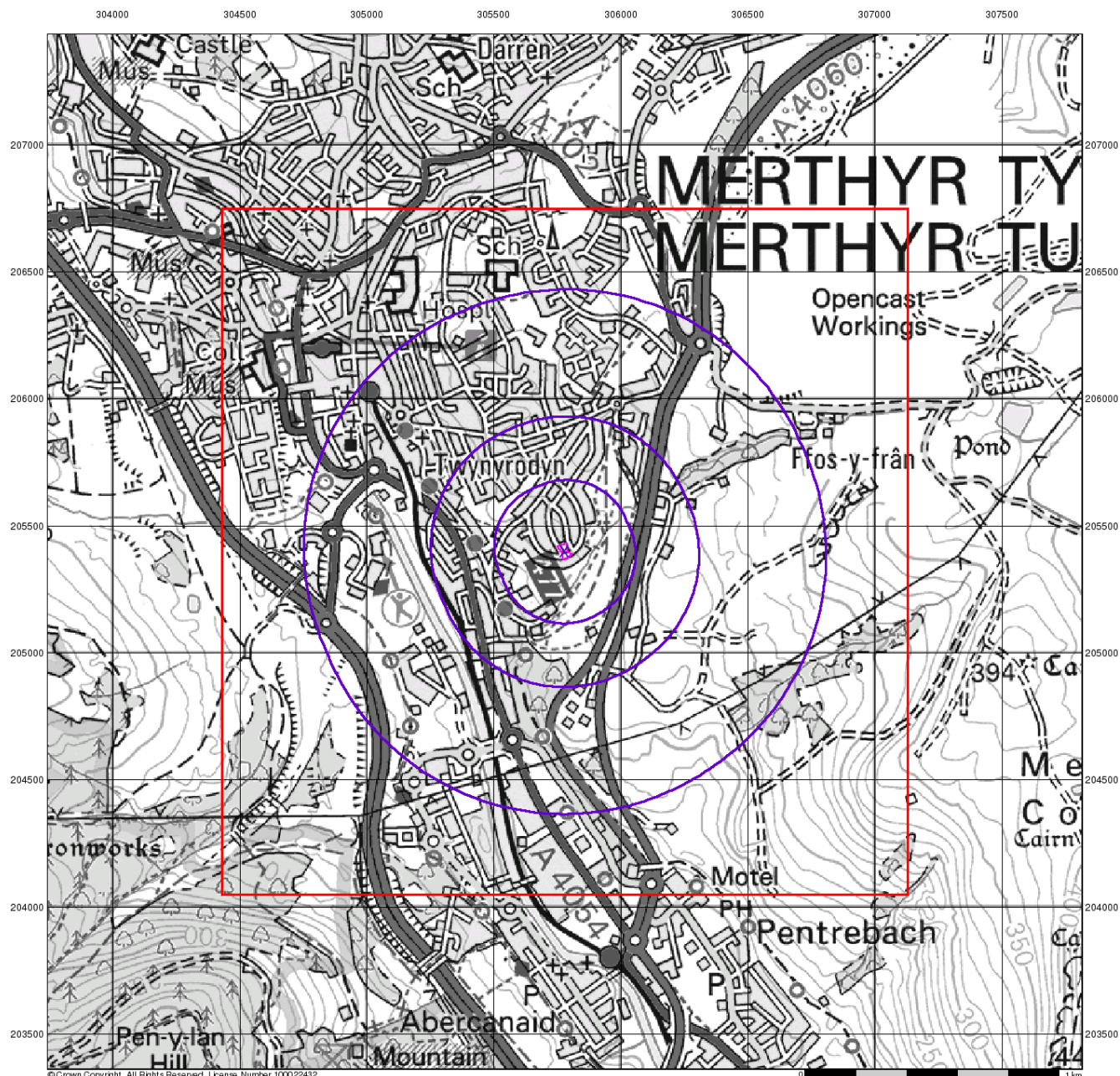
Order Number: 180966781_1_1
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 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

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Source Protection Zones

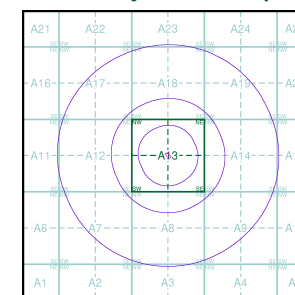
General

- 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

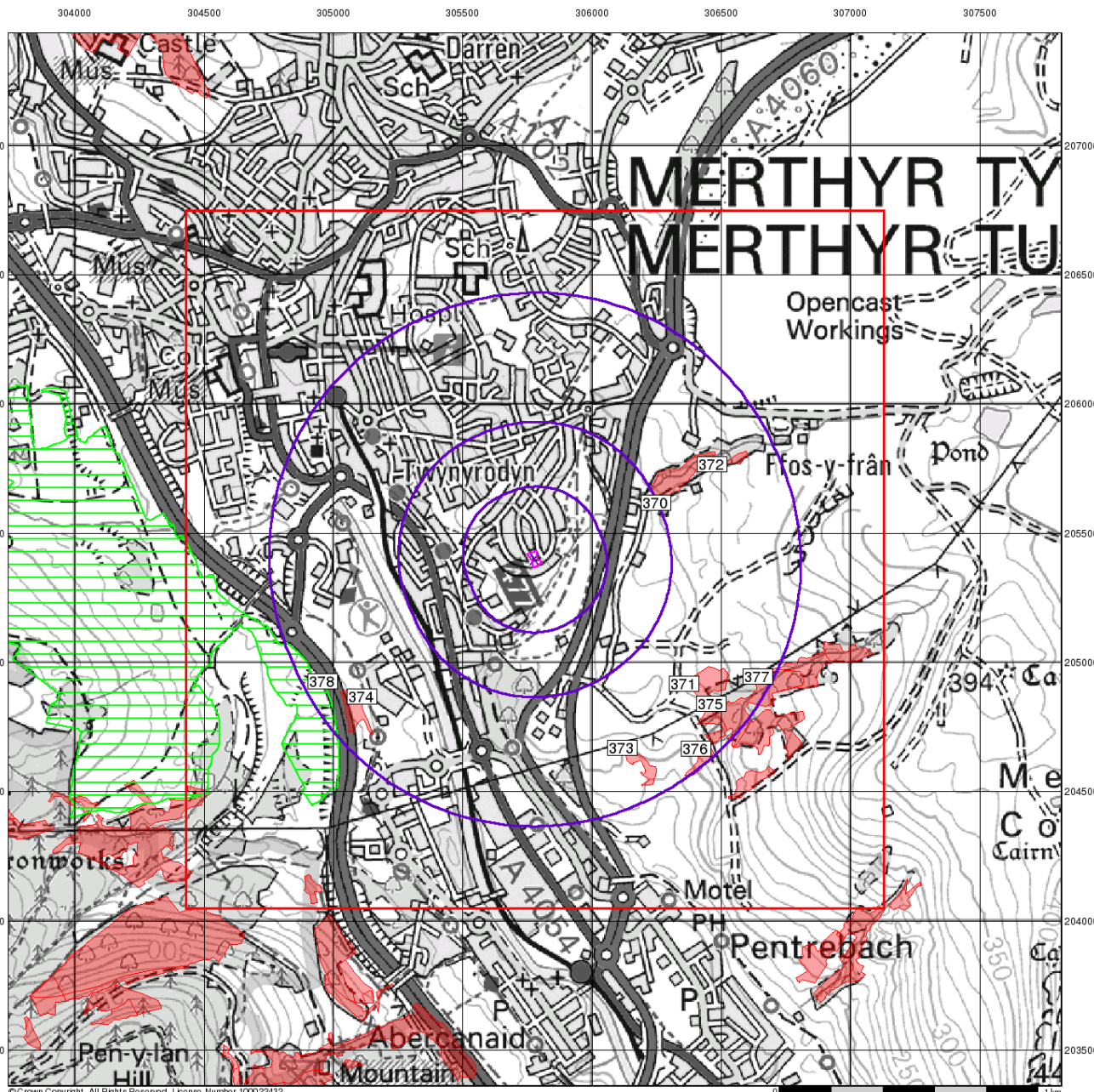
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 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

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Sensitive Land Uses

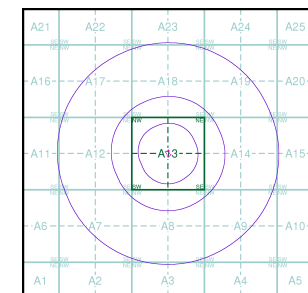
General

- 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

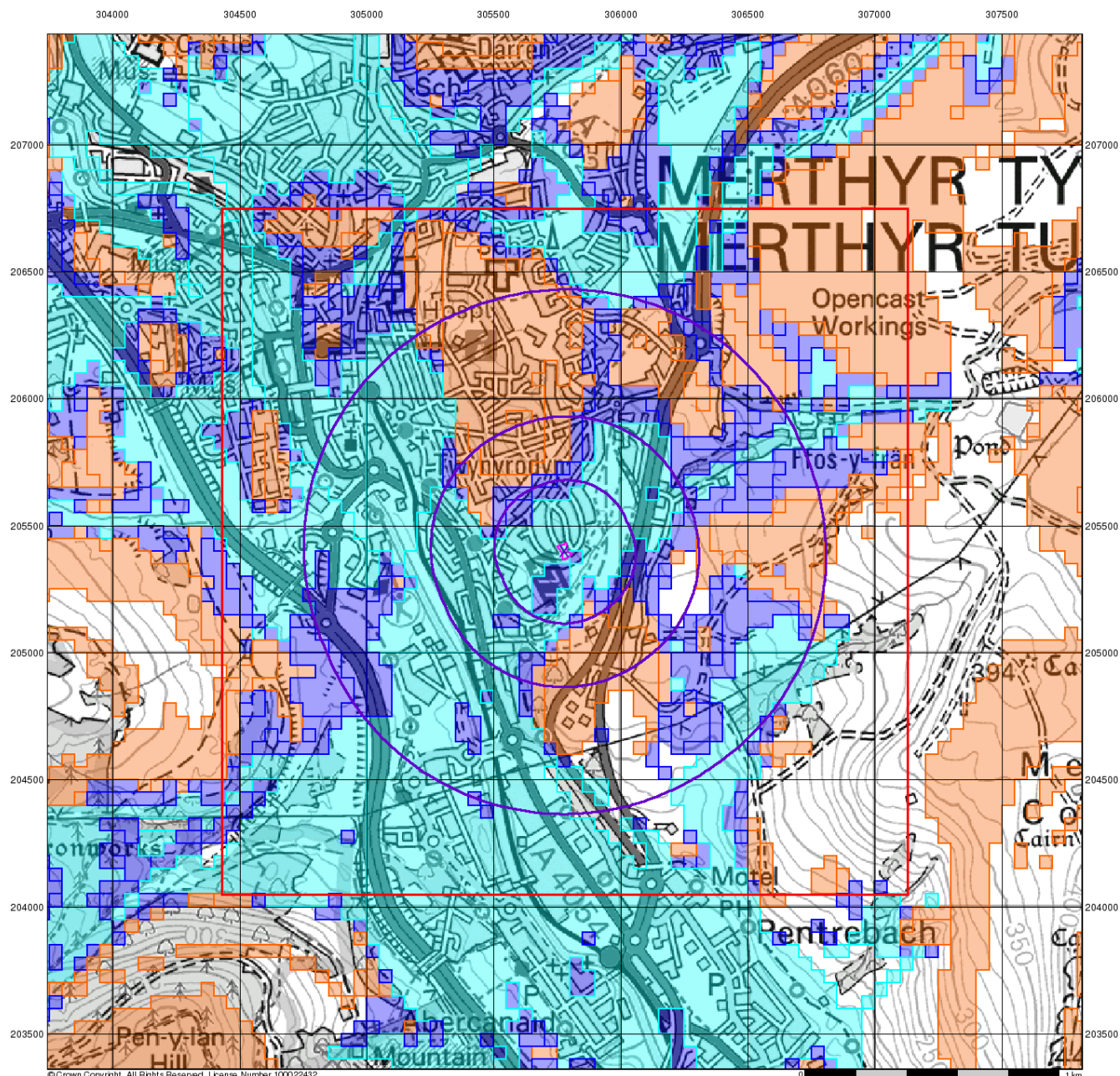
Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

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BGS Flood GFS Data

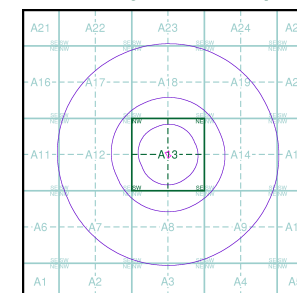
General

- 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: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	BISHM	Bishopston Mudstone Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Namurian
	TWR	Twrch Sandstone Formation	Sandstone and Conglomerate, Interbedded	Not Supplied - Namurian
		Rock Segments		
		Faults		



Geology 1:50,000 Maps

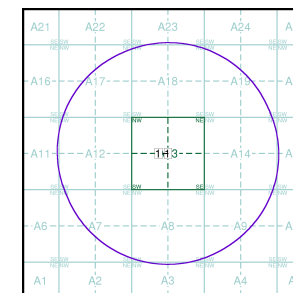
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	231
Map Name:	Merthyr Tydfil
Map Date:	1979
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

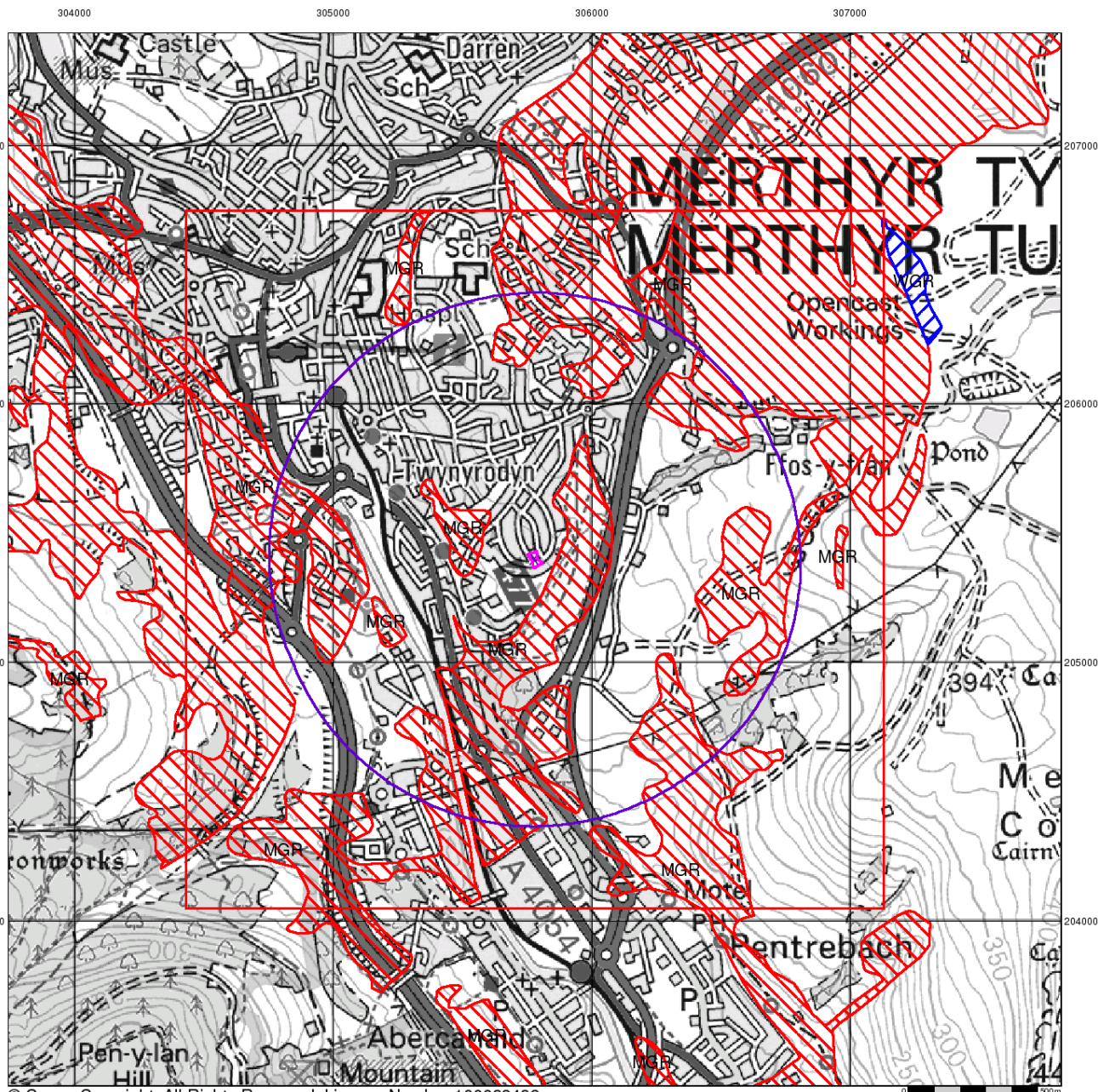


Order Details:

Order Number:	180966781_1_1
Customer Reference:	14925/JRW
National Grid Reference:	305780, 205400
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	1000

Site Details:

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Artificial Ground and Landslip

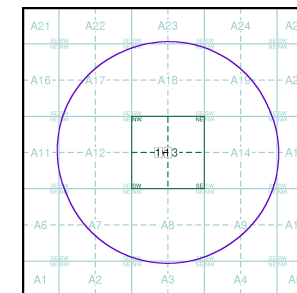
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

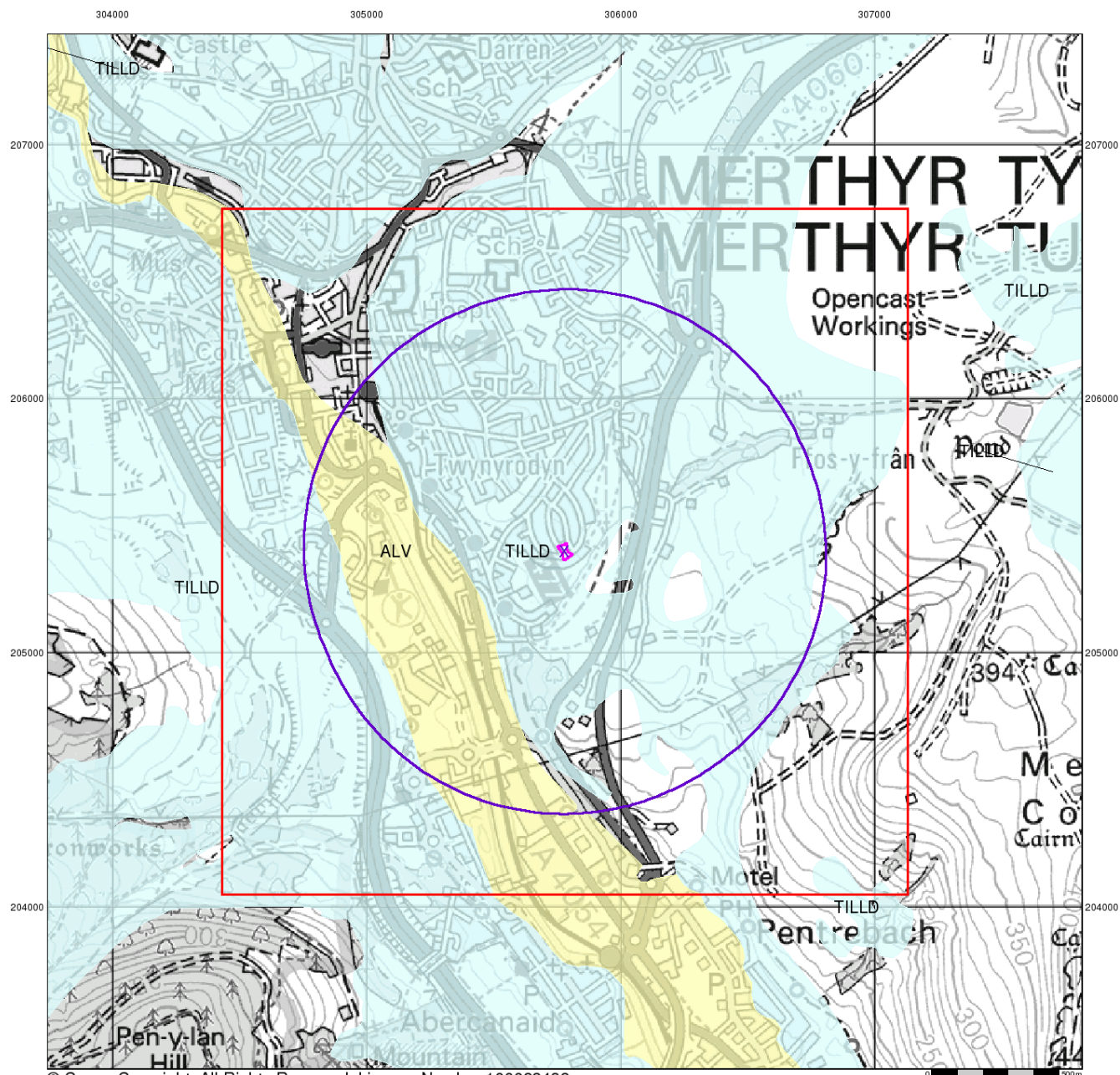
Order Number: 180966781_1_1
 Customer Reference: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details:

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Landmark
 INFORMATION GROUP

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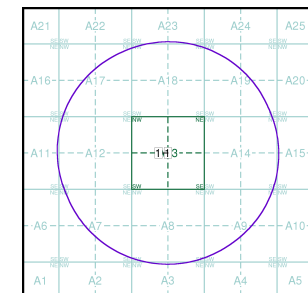
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

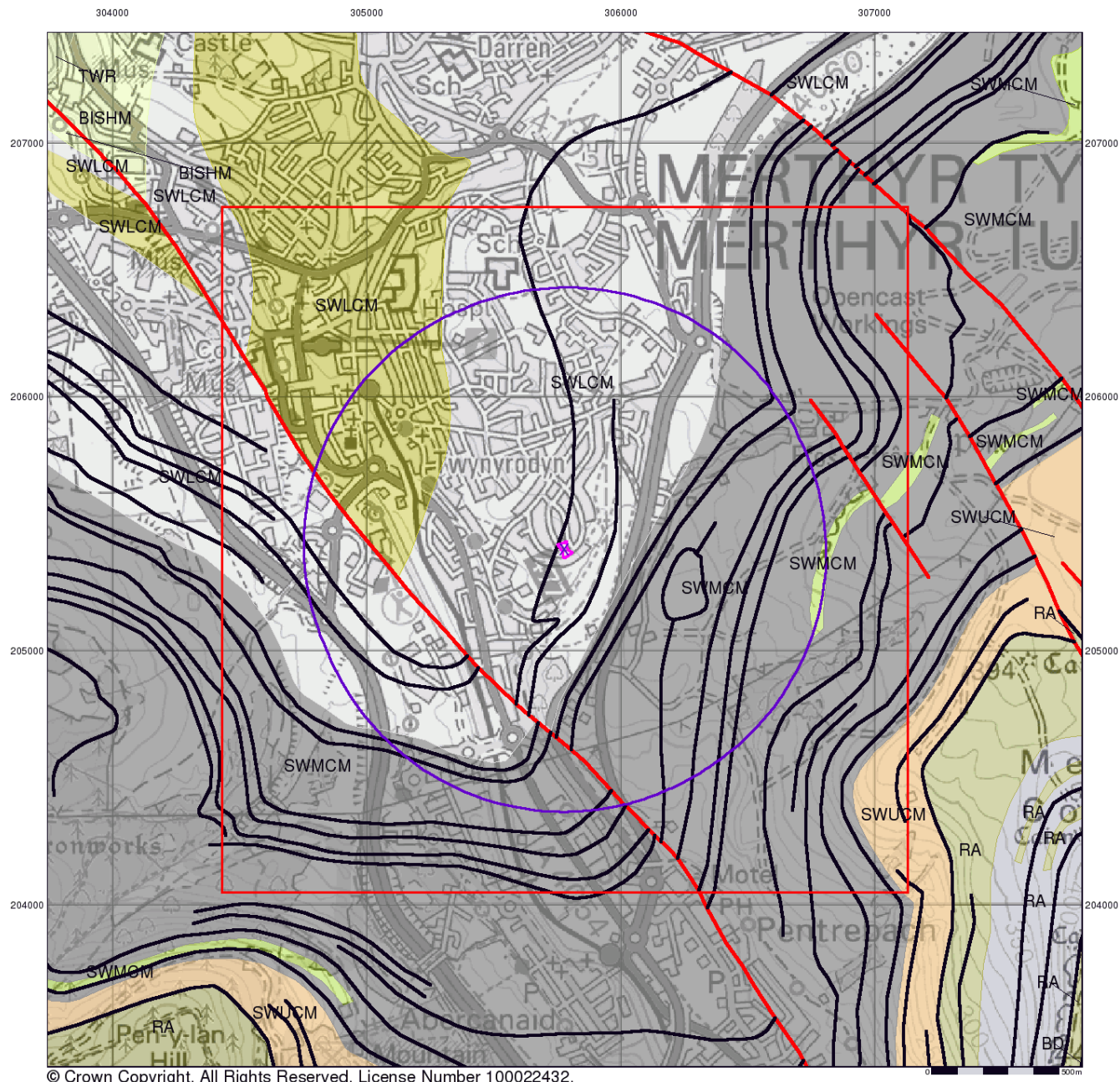
Order Number: 180966781_1_1
 Customer Reference: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

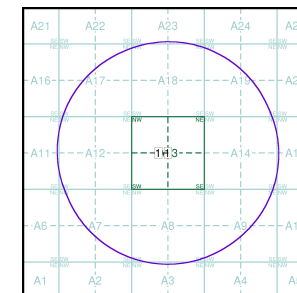
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

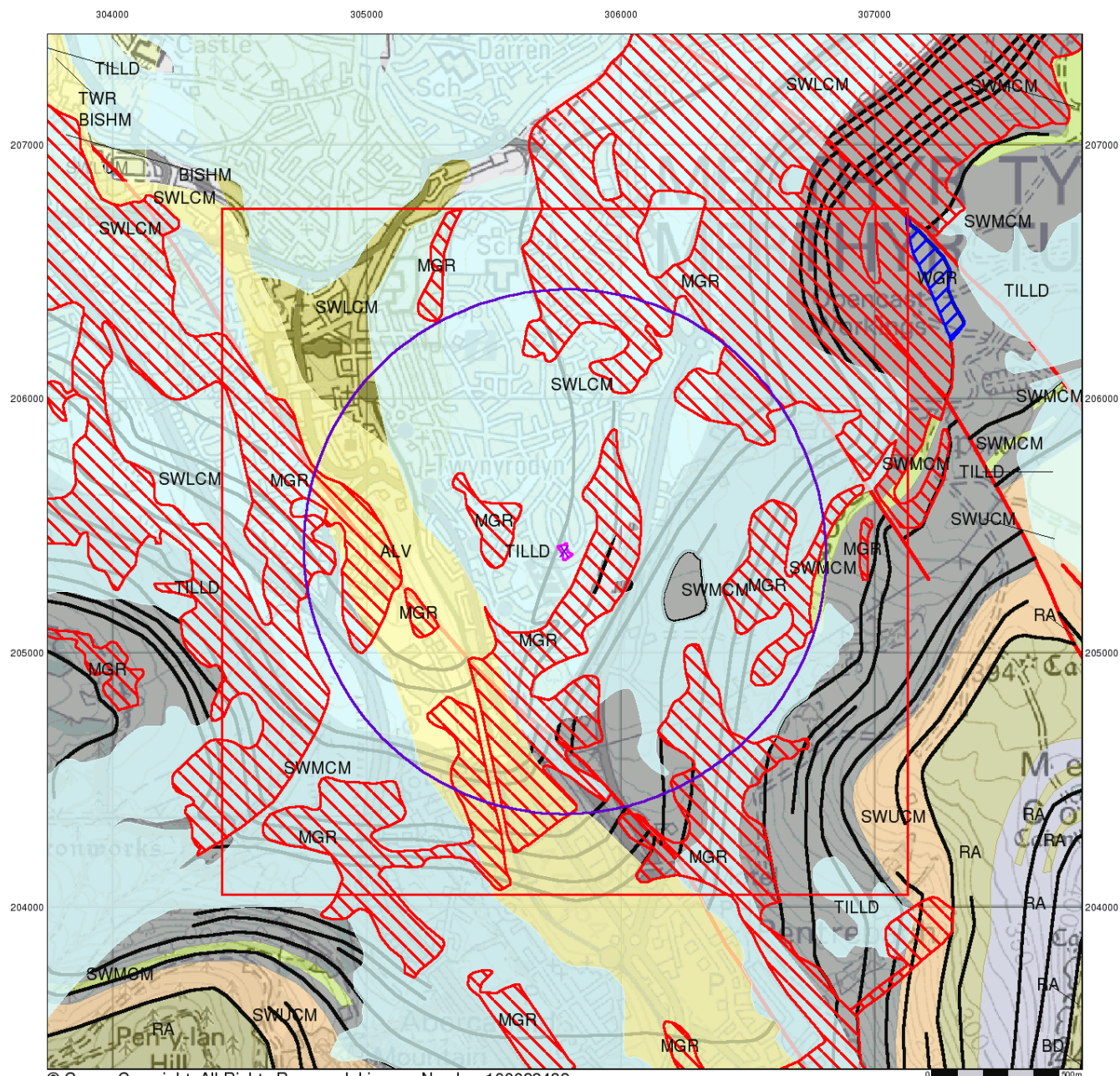
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 Customer Reference: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details:

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Combined Surface Geology

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

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

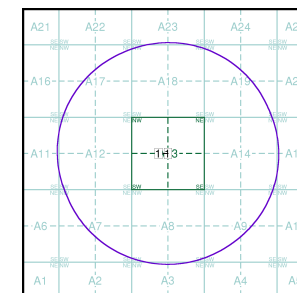
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 180966781_1_1
Customer Reference: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details:

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

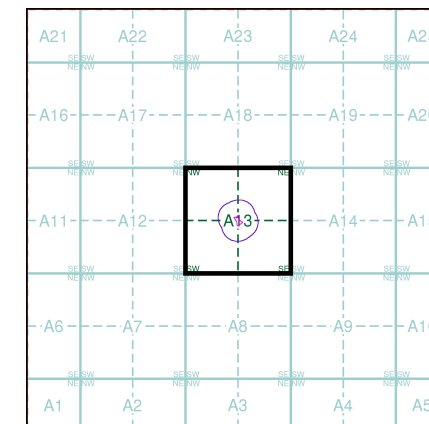


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Fax: 0844 844 9951
Web: www.ernirocheck.co.uk

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

Site Sensitivity Map - Segment A13

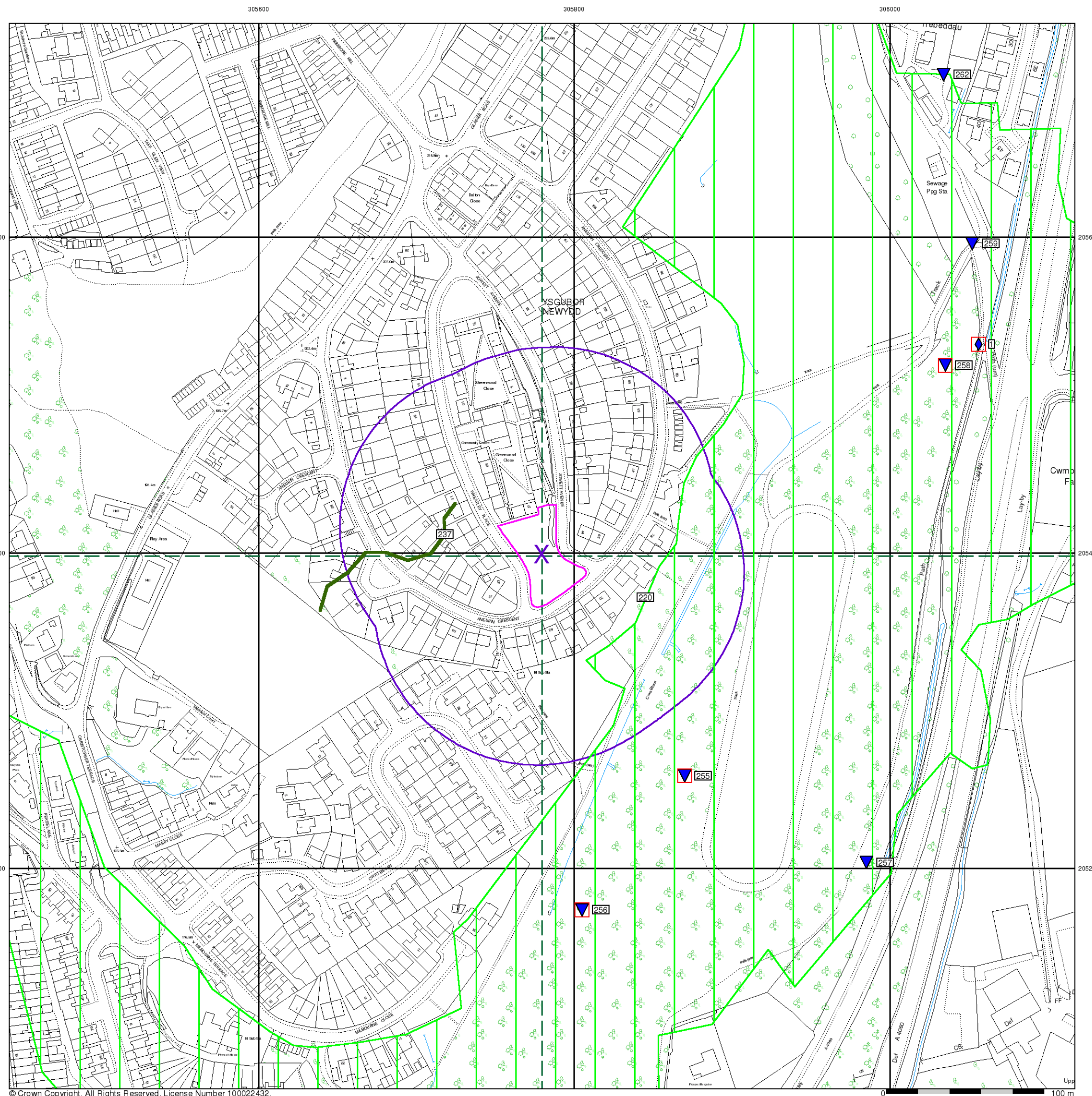


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
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 Plot Buffer (m): 100

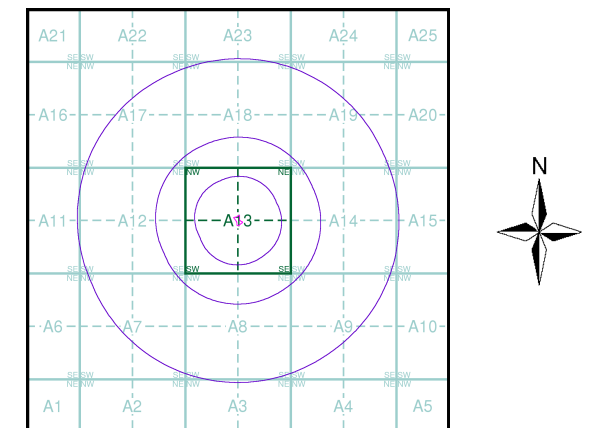
Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



- 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 and Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- 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)
 - 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

Site Sensitivity Map - Slice A

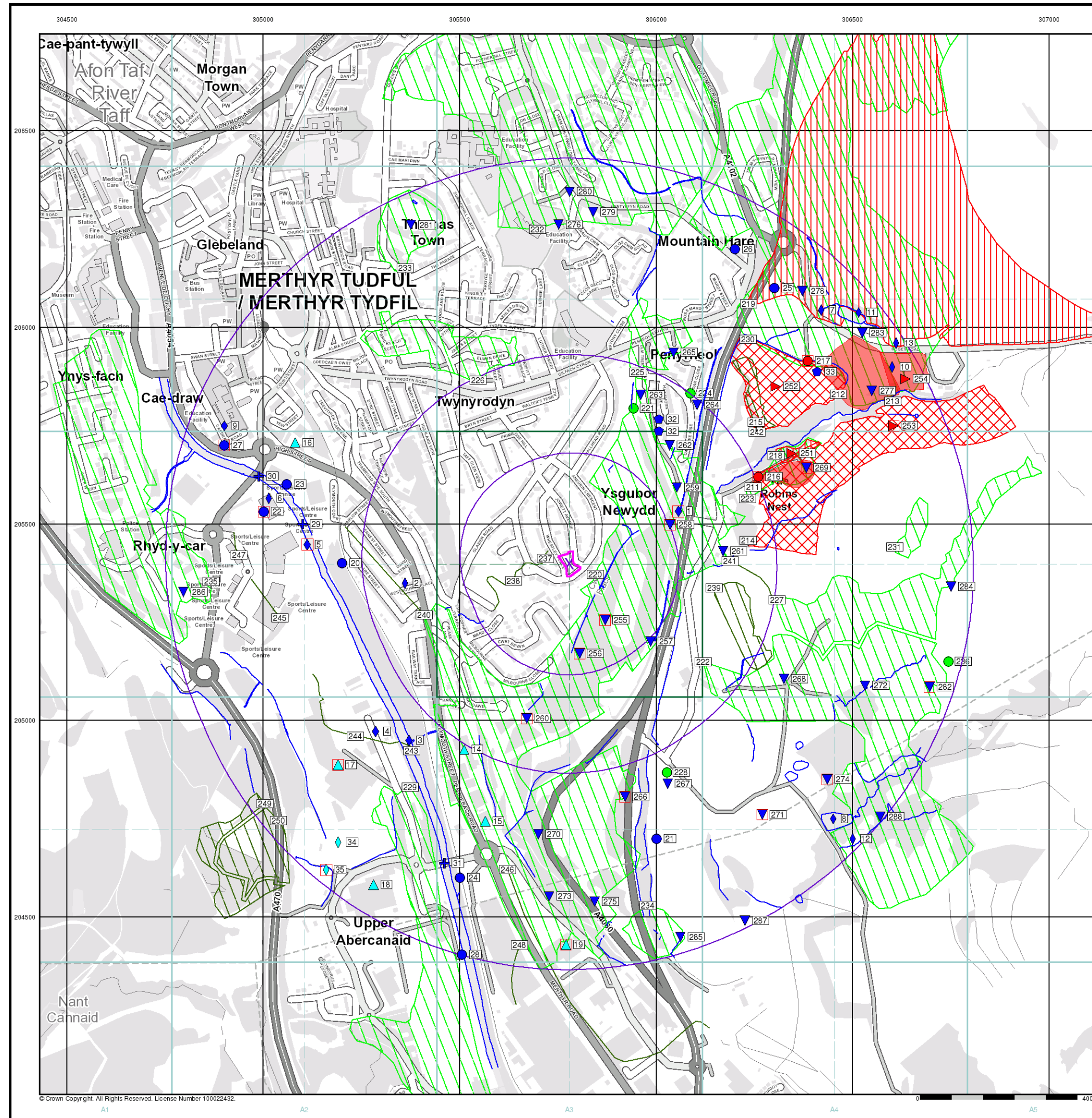


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY





Industrial Land Use Map

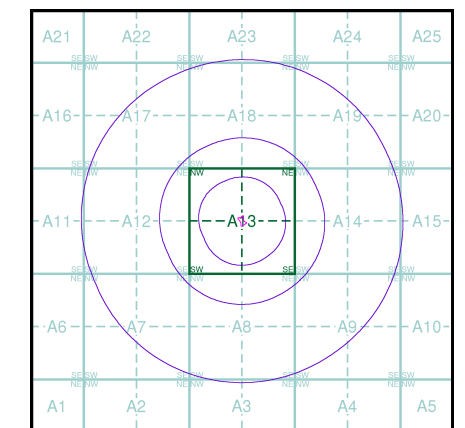
General

- 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

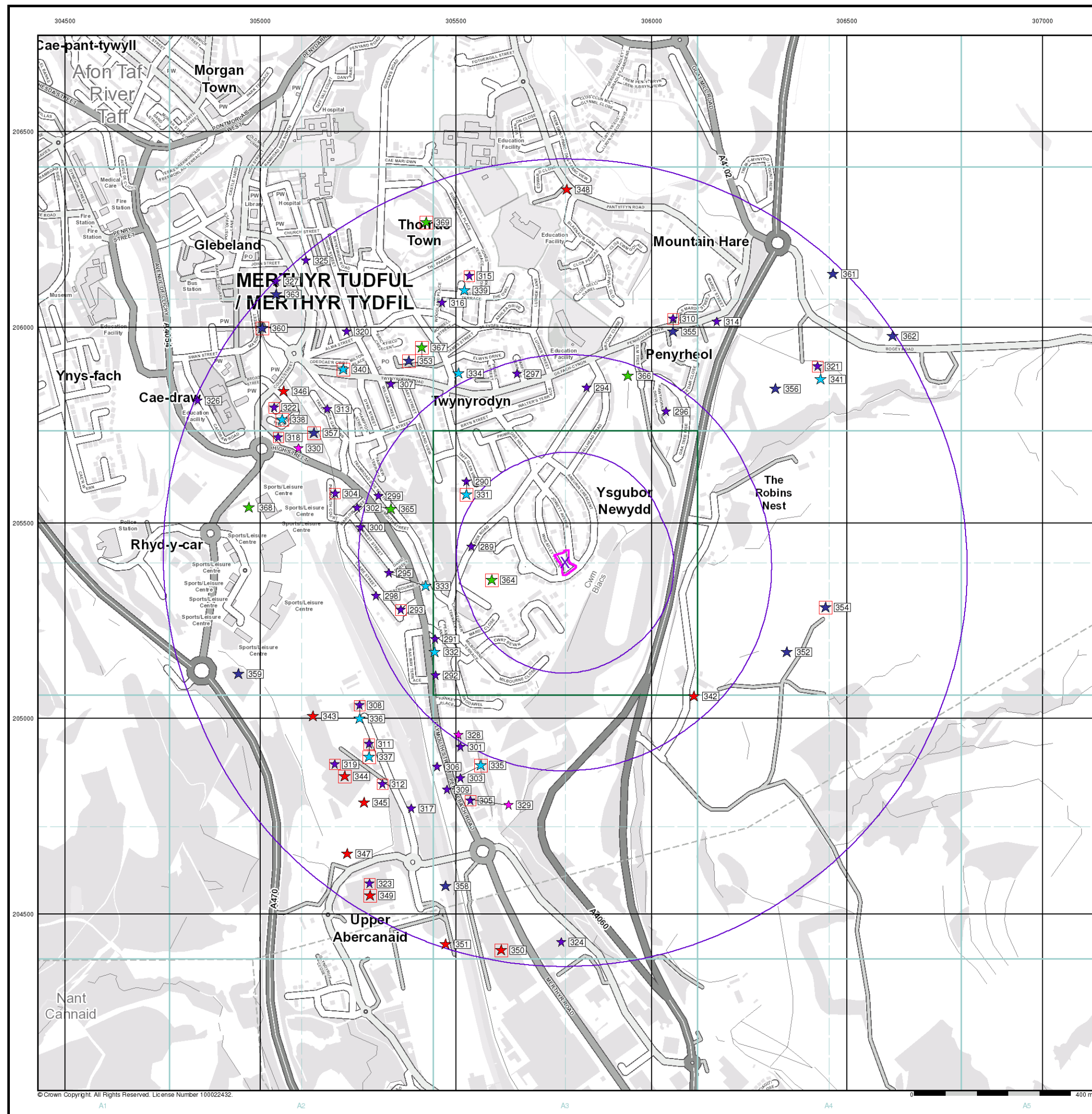
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Landmark
INFORMATION GROUP

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





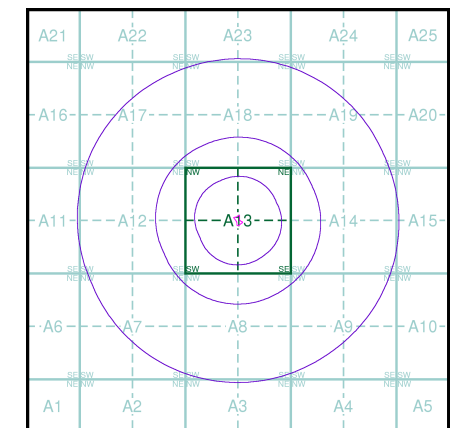
General

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

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

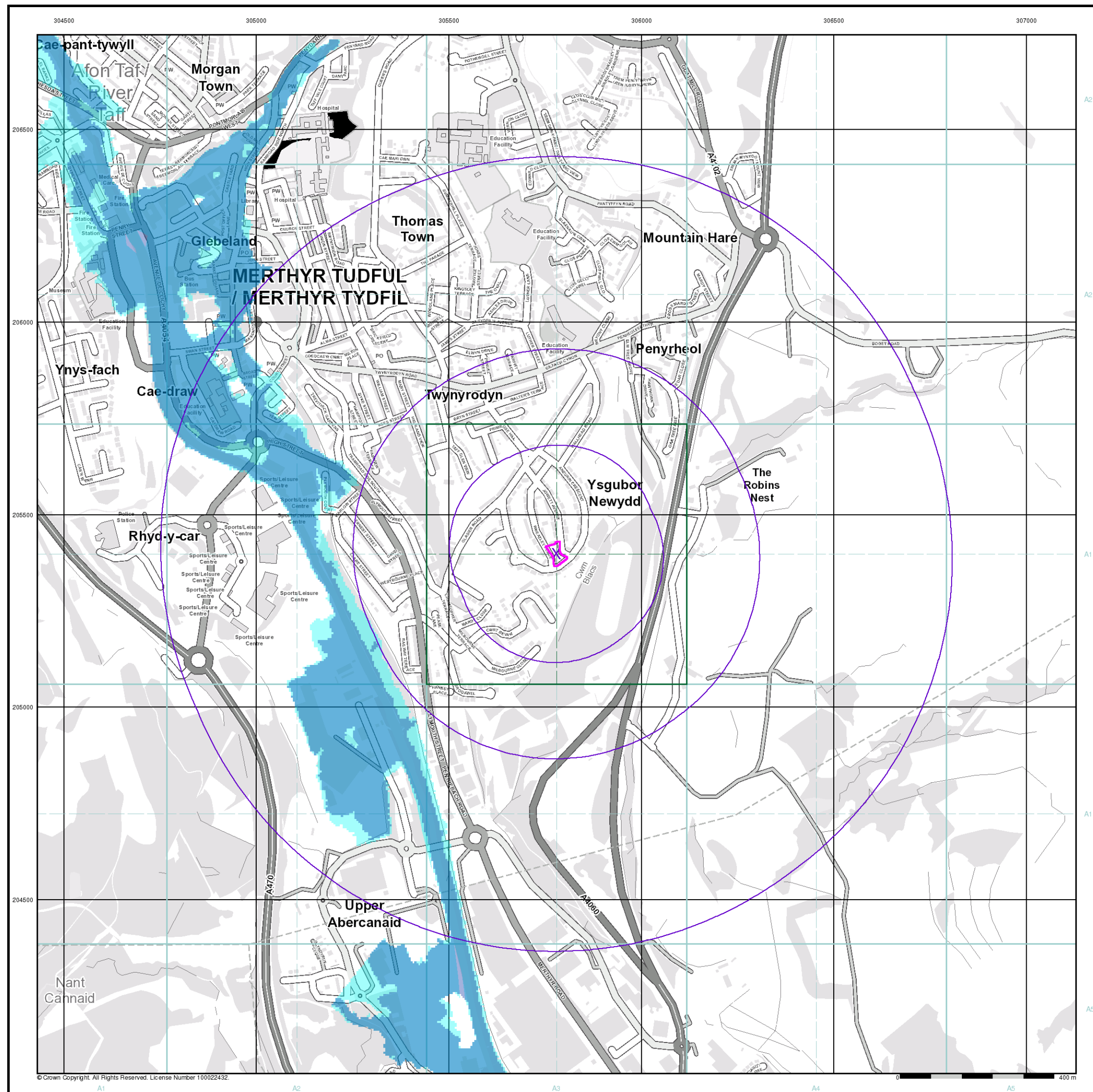
Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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General

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

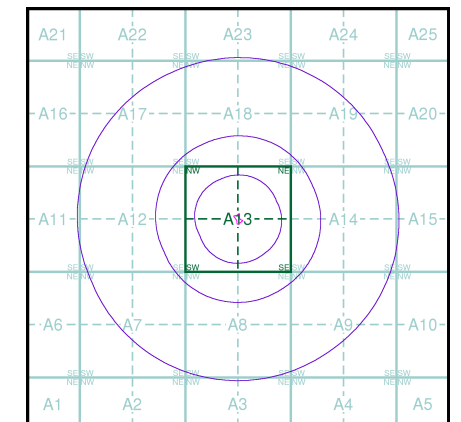
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

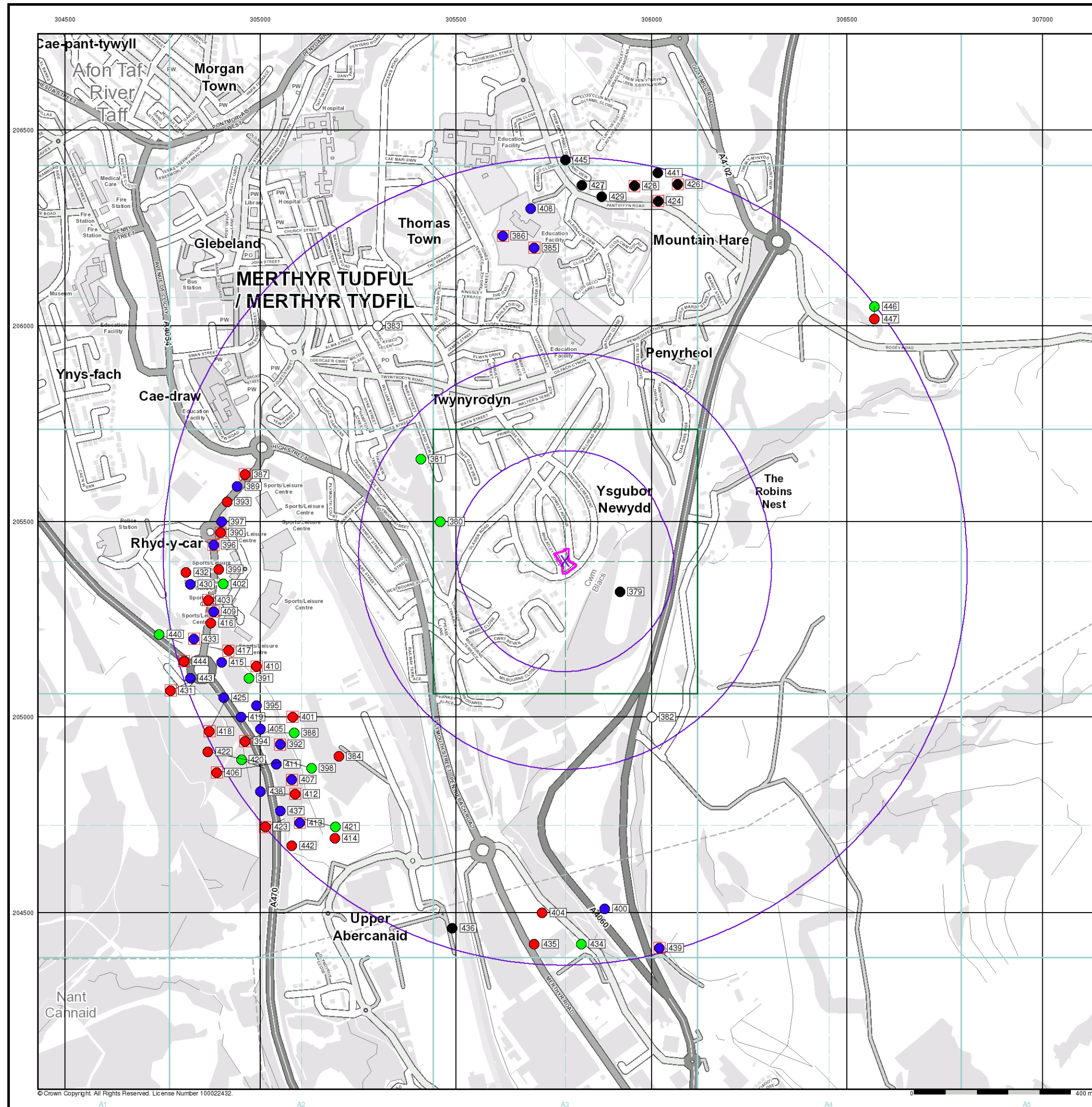


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY





General

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

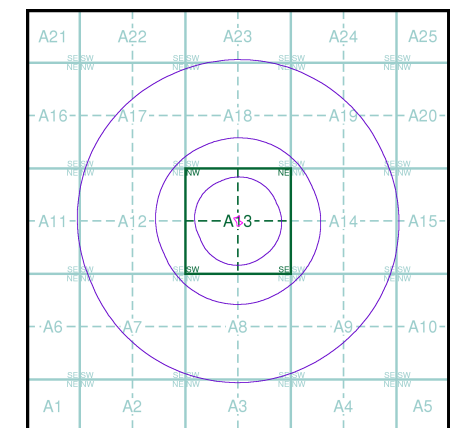
OS Water Network Data

- | | |
|--------------|-------------------------|
| 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
- Master Contour 100
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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

General

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

Risk of Flooding from Surface Water

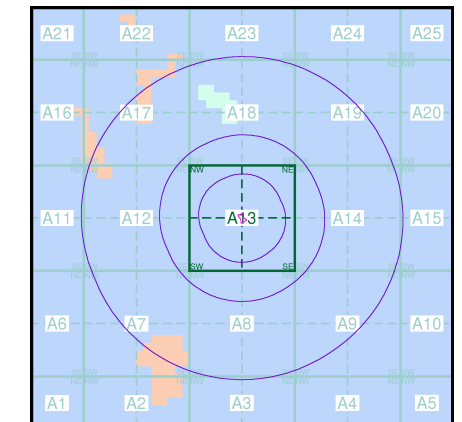
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A

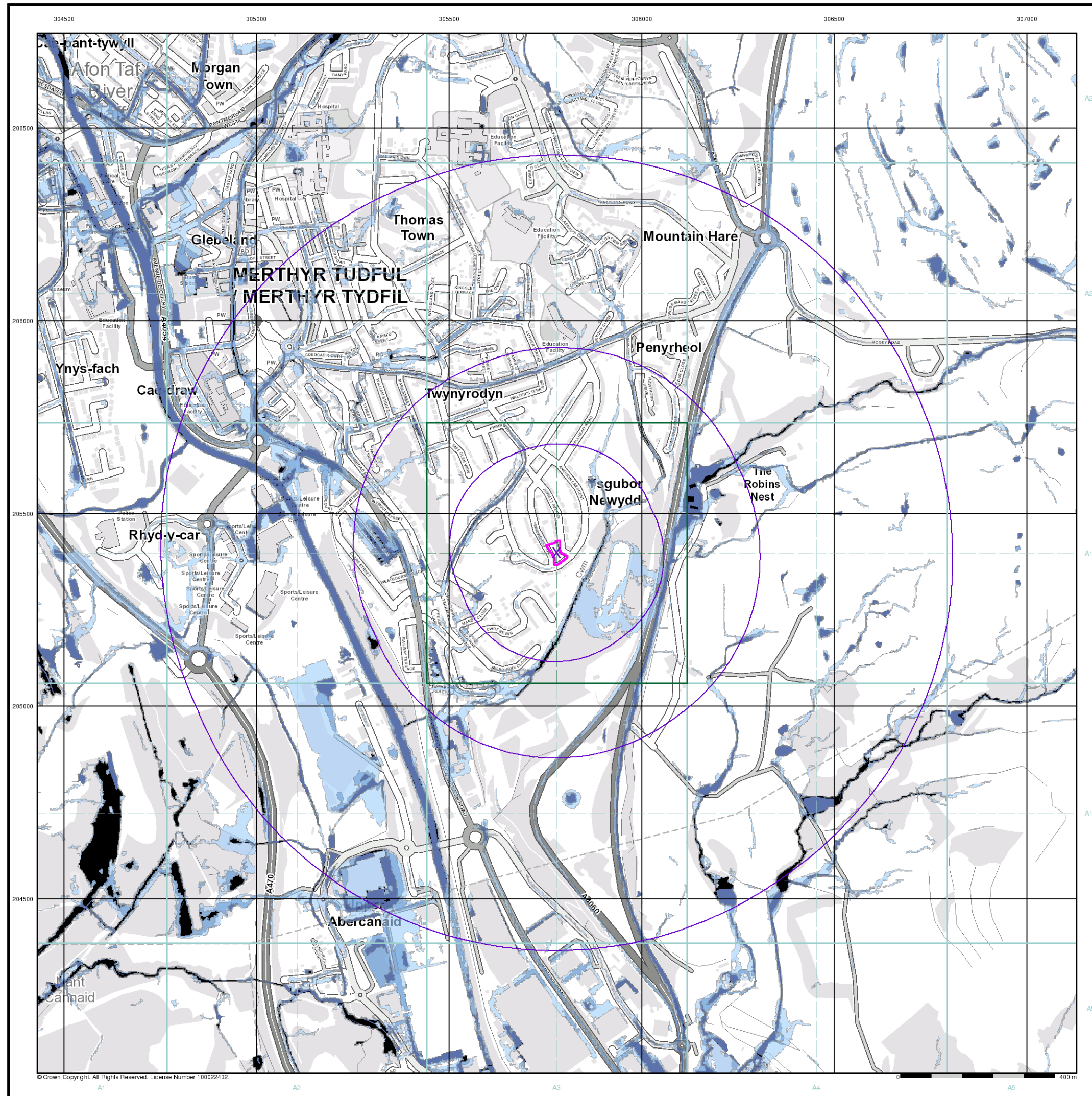


Order Details

Order Number: 180966781_1_1
 Customer Ref: 14925/JRW
 National Grid Reference: 305780, 205400
 Slice: A
 Site Area (Ha): 0.17
 Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



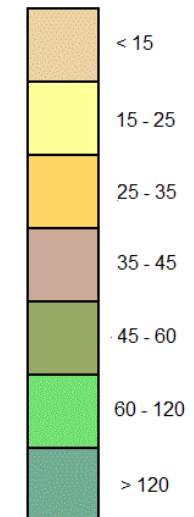


General

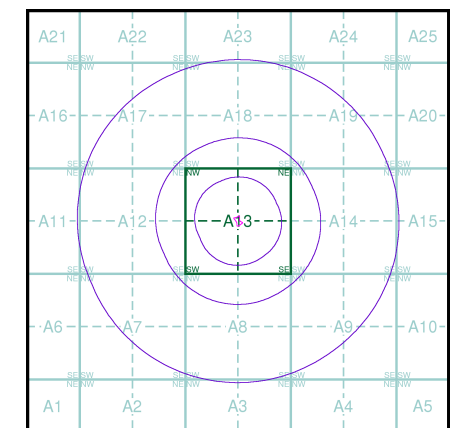
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

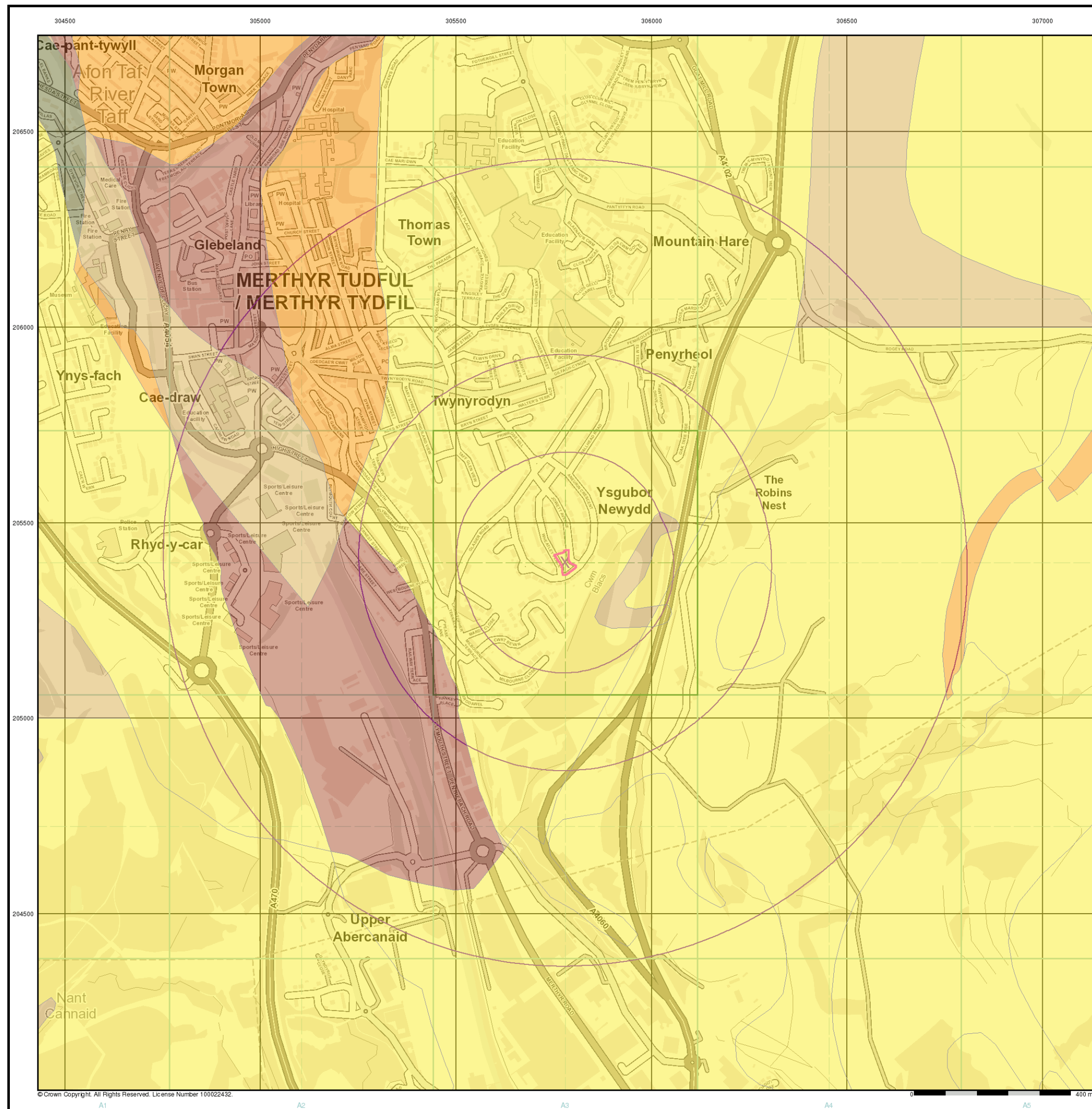
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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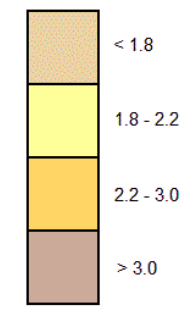


General

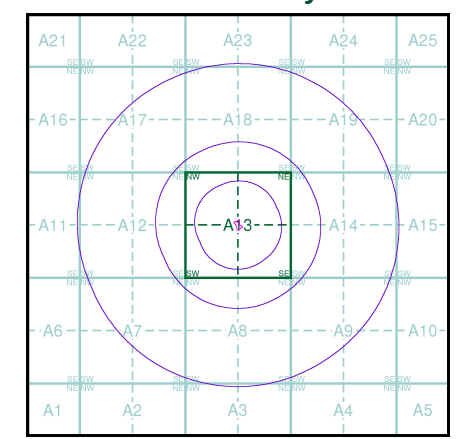
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

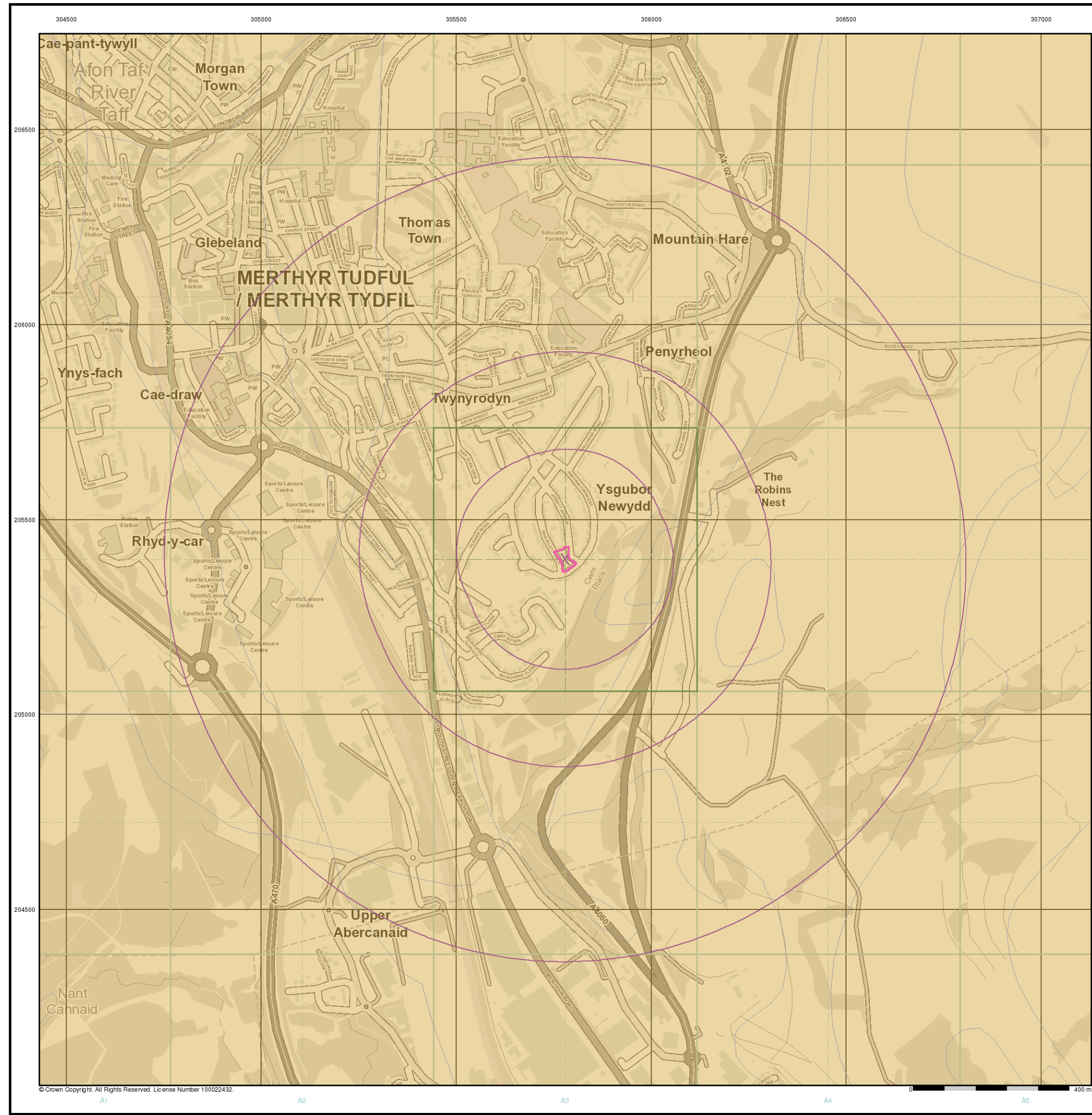
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

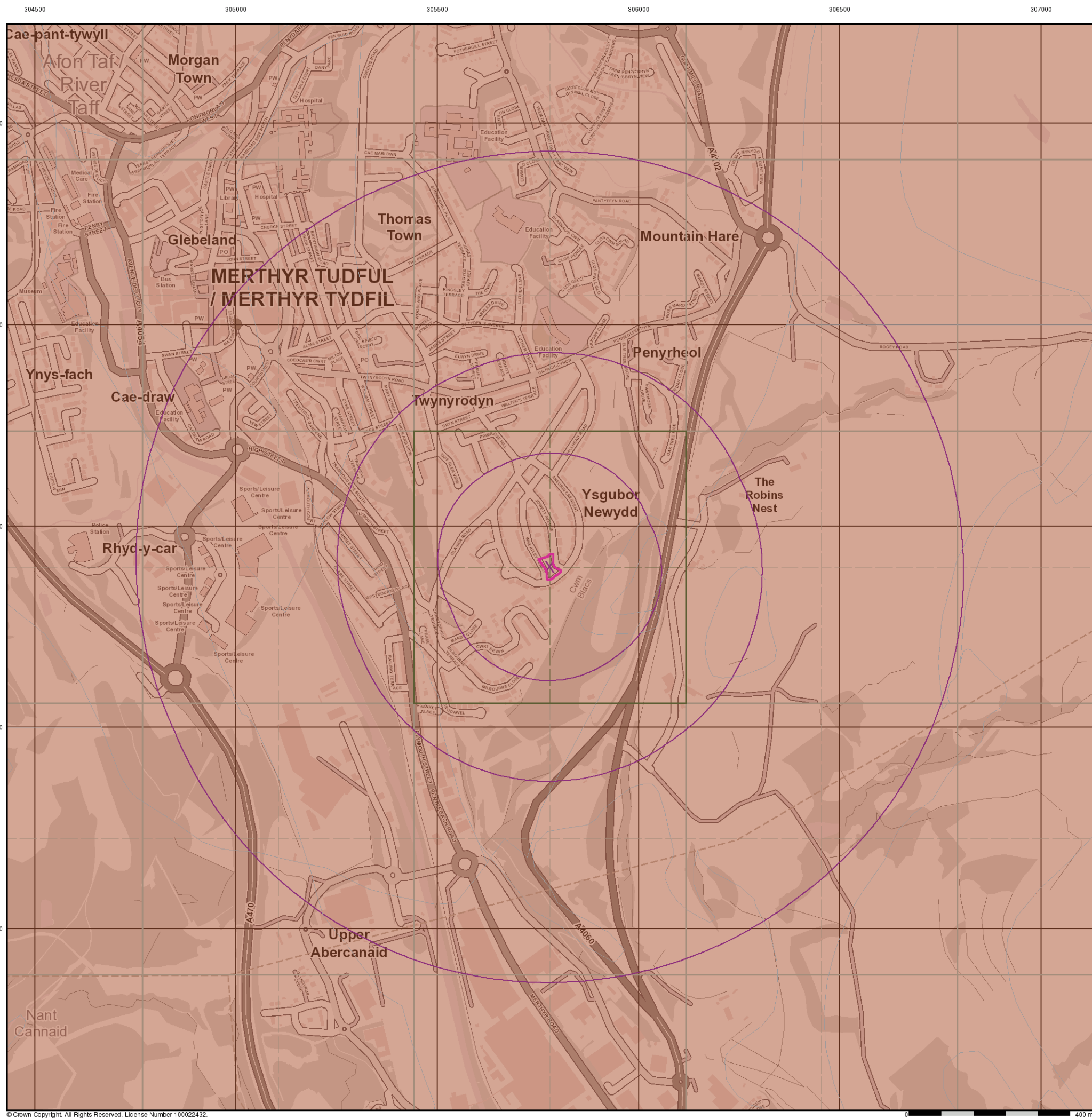
Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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





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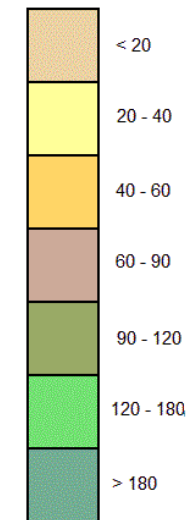


General

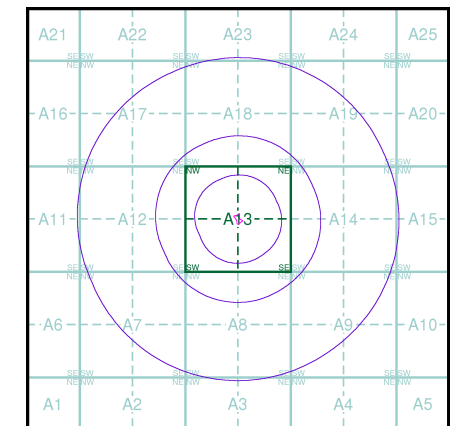
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

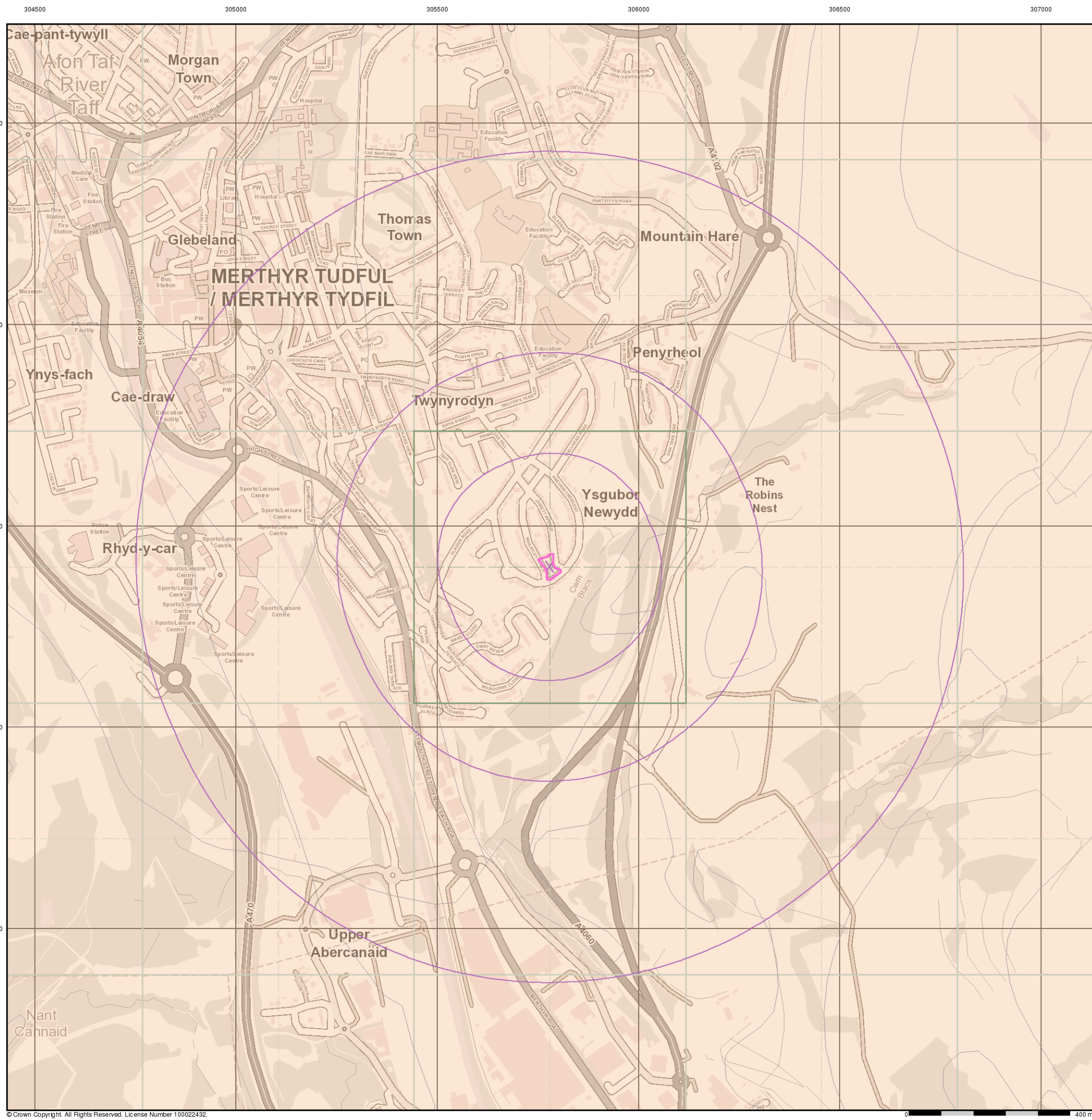
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



Tel: 0844 844 9952
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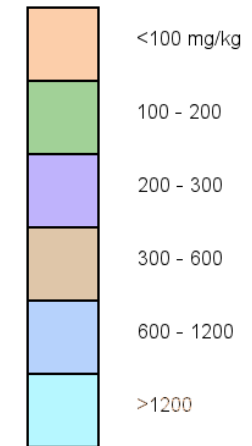


General

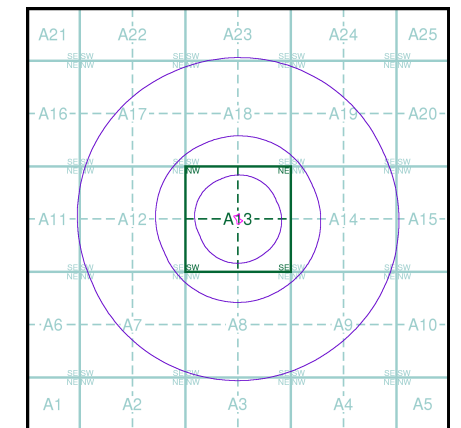
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY



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

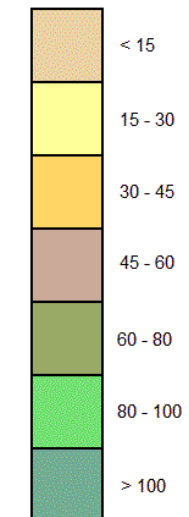


General

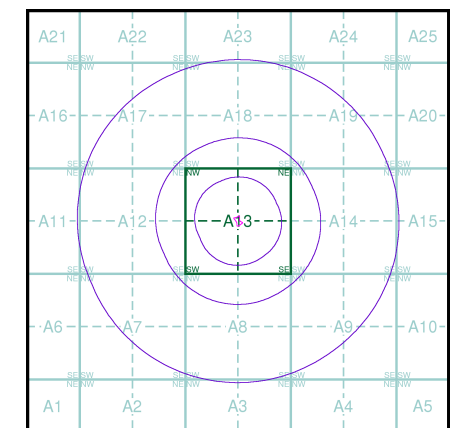
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

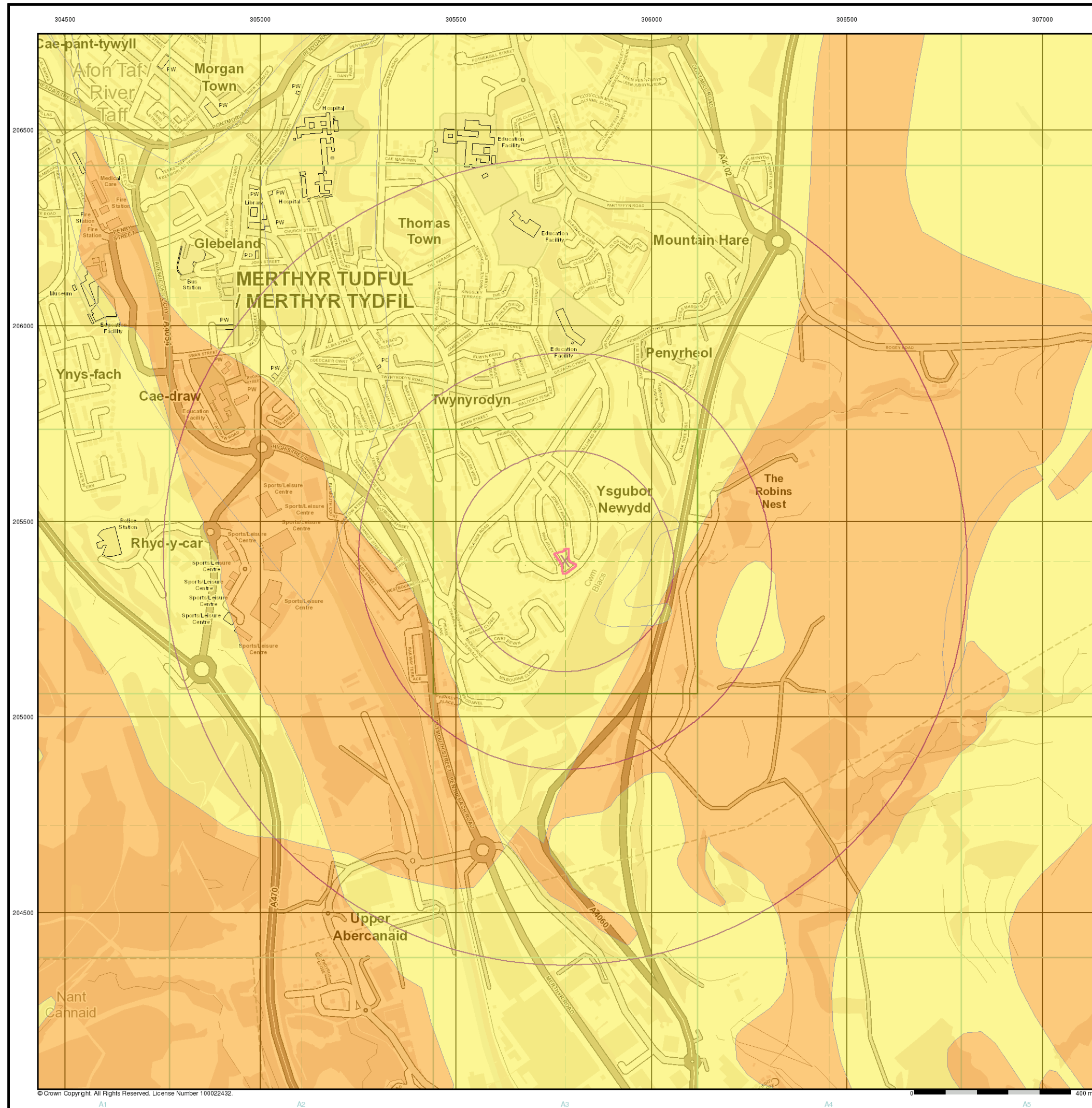
Order Details: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

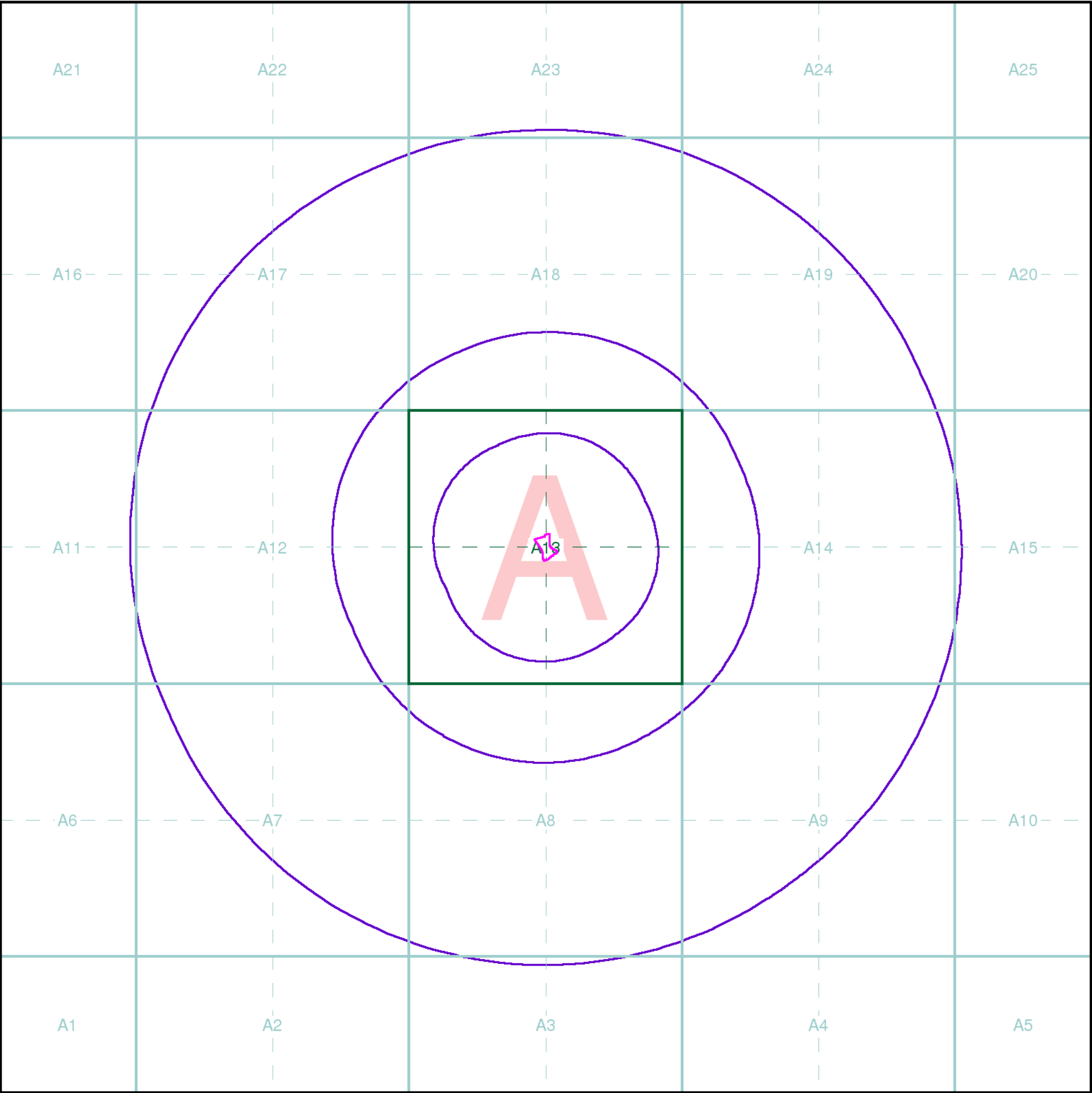
Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

Landmark
INFORMATION GROUP

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





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

Mr J Rhys-Williams, Terra Firma (Wales) Ltd, 5 Deryn Court, Wharfdale Road, Pentwyn, Cardiff, CF23 7HB

Order Details

Order Number: 180966781_1_1
Customer Ref: 14925/JRW
National Grid Reference: 305780, 205400
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

Aneurin Crescent, Merthyr Tydfil, CF47 0SY

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



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

ANNEX B
Coal Authority Report



The Coal
Authority

Resolving the **impacts** of mining

CON29M Non-Residential Mining Report

44 JOWETT AVENUE
TWYNYRODYN
MERTHYR TYDFIL
MERTHYR TYDFIL UA
CF47 0SU

Date of enquiry: 28 August 2018
Date enquiry received: 28 August 2018
Issue date: 28 August 2018

Our reference: 51001900936001
Your reference:



CON29M Non-Residential Mining Report

This report is based on, and limited to, the records held by the Coal Authority, at the time we answer the search.

Client name

Paul Overton

Enquiry address

44 JOWETT AVENUE, TWYNYRODYN, MERTHYR
TYDFIL, MERTHYR TYDFIL UA, CF47 0SU

How to contact us

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

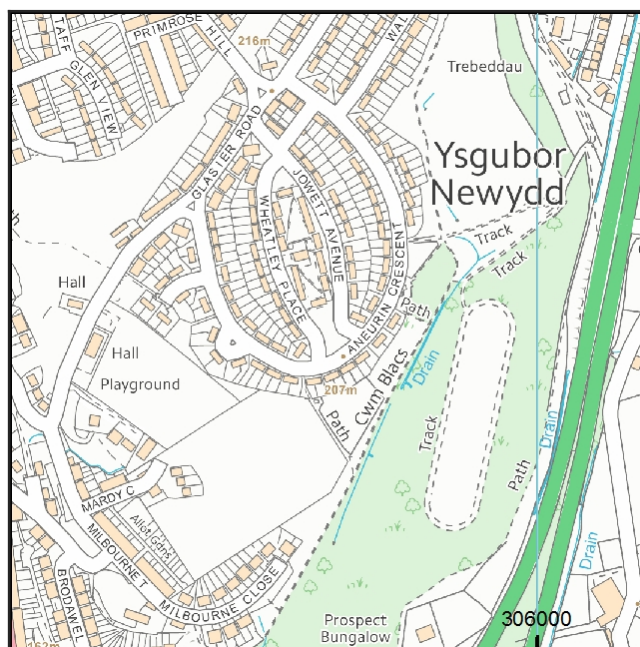
200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

 /company/the-coal-authority

 /thecoalauthority

 /coalauthority



Approximate position of property



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Summary

Has the search report highlighted evidence or potential of		
1	Past underground coal mining	Yes
2	Present underground coal mining	No
3	Future underground coal mining	Yes
4	Mine entries	Yes
5	Coal mining geology	No
6	Past opencast coal mining	No
7	Present opencast coal mining	No
8	Future opencast coal mining	No
9	Coal mining subsidence	No
10	Mine gas	No
11	Hazards related to coal mining	No
12	Withdrawal of support	No
13	Working facilities order	No
14	Payments to owners of former copyhold land	No

For detailed findings, please go to page 4.

Detailed findings

1. Past underground coal mining

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

However the property is in an area where the Coal Authority believe there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered prior to any site works or future development activity. Please refer to the Comments section of this report for further information.

2. Present underground coal mining

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

3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

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

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

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

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

4. Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

There may however be mine entries/additional mine entries in the local area which the Coal Authority has no knowledge of.

5. Coal mining geology

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

6. Past opencast coal mining

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

7. Present opencast coal mining

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

8. Future opencast coal mining

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

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

9. Coal mining subsidence

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

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

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

10. Mine gas

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

11. Hazards related to coal mining

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

12. Withdrawal of support

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

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

13. Working facilities order

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

14. Payments to owners of former copyhold land

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

Comments on the Coal Authority information

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In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore 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 good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

Additional remarks

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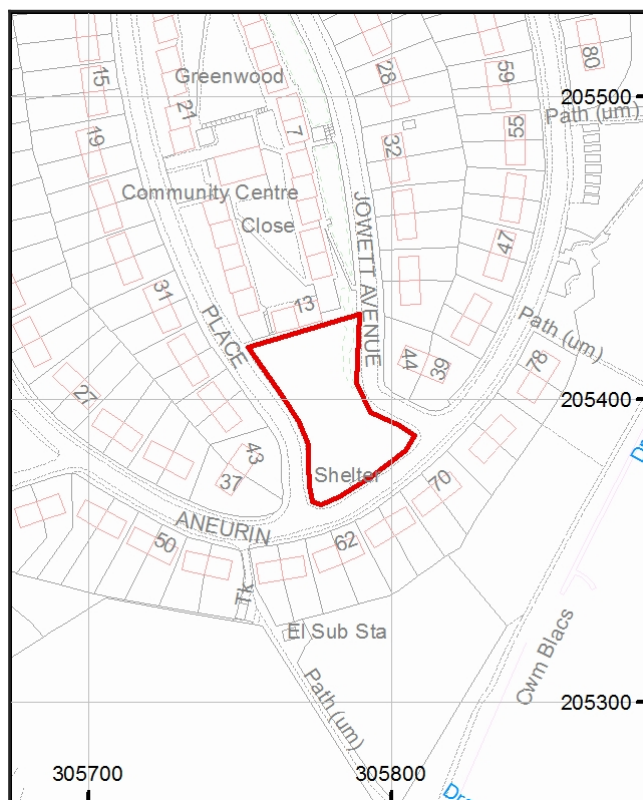
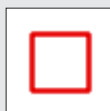
Alternative formats

If you would like this report in an alternative format, please contact our communications team.

Enquiry boundary

Key

Approximate position of enquiry boundary shown



How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

 /company/the-coal-authority

 /thecoalauthority

 /coalauthority



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VAT receipt

Issued by	The Coal Authority 200 Lichfield Lane Mansfield Nottinghamshire NG18 4RG
Tax point date	28 August 2018
Issued to	PAUL OVERTON 97 HIGH STREET MERTHYR TYDFIL MERTHYR TYDFIL UA CF47 8UD
Property search for	44 JOWETT AVENUE TWYNYRODYN MERTHYR TYDFIL MERTHYR TYDFIL UA CF47 0SU
Reference number	51001900936001
Date of issue	28 August 2018
Cost	£81.43
VAT @ 20%	£16.29
Total received	£97.72
VAT registration	598 5850 68

ANNEX C
Risk Assessment Definitions

The contaminated land regime is set out in Part IIA 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 IIA was introduced to achieve two aims:

- (1) The identification of contaminated land
- (2) The remediation of contaminated land that poses an unacceptable risk to human health and/or the environment

Under Part IIA 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."

For land to be classified as 'Contaminated Land' there must be a '**pollutant linkage**'. A pollutant linkage requires three essential elements:

- (1) A **CONTAMINANT** (hazard) - a substance that is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters
- (2) A **RECEPTOR** (target) - something which could be adversely affected by a contaminant
- (3) A **PATHWAY** - a route or means which either allows the contaminant to cause significant harm to that receptor, or that there is a significant possibility of such harm being caused to the receptor, or that pollution of controlled waters is being or likely to be caused.

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'.

A 'Hazard' is defined as '*a property or situation that in particular circumstances could lead to harm*'.

The classification of consequences and probability and determining the risk category are defined in the following sections.

Classification of Consequence

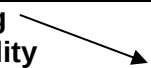
Table A Classification of Consequence	
Classification	Definition
Severe	• Short term (acute) risk to human health likely to result in significant harm • Short term risk to controlled waters • Catastrophic damage to buildings/structures • Short term risk to an ecosystem or organism within the particular ecosystem
Medium	• 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	• Pollution of non-sensitive water resources • Significant damage to buildings/structures
Negligible	• 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	• 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
Medium	• 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	• 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
Negligible	• 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	High	High	Medium / Low	Near zero
	Medium	High	Medium	Low	Near zero
	Low	High / medium	Medium / Low	Low	Near zero
	Negligible	High / medium / Low	Medium / Low	Low	Near zero

High Risk

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

Medium Risk

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

Low Risk

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

Near Zero Risk

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

ANNEX D
Exploratory Hole Logs



Terra Firma (Wales) Limited
5 Deryn Court, Wharfedale Road
Pentwyn, Cardiff
CF23 7HA

Tel: 02920 735354
info@terrafirmawales.co.uk
www.terrafirmawales.co.uk

Borehole No.

BH1

Sheet 1 of 2

Project Name:	Aneurin Crescent	Project No:	14925	Co-ords:		Hole Type	RO
Location:	Merthyr Tydfil	Level:		Scale	1:100	Logged By	
Client:	Merthyr Valleys Homes	Dates:	-				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
								Boulder Clay (drillers description)	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
				17.40					17
								SANDSTONE (drillers description)	18
									19
				19.20				COAL with mudstone bands (drillers description)	20

Remarks:



Terra Firma (Wales) Limited
5 Deryn Court, Wharfedale Road
Pentwyn, Cardiff
CF23 7HA

Tel: 02920 735354
info@terrafirmawales.co.uk
www.terrafirmawales.co.uk

Borehole No.

BH1

Sheet 2 of 2

Project Name:	Aneurin Crescent	Project No:	14925	Co-ords:		Hole Type	RO
Location:	Merthyr Tydfil	Level:				Scale	1:100
Client:	Merthyr Valleys Homes	Dates:	-			Logged By	

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				20.10				COAL with mudstone bands (drillers description) SANDSTONE (drillers description)	21
									22
									23
									24
									25
									26
									27
									28
									29
				30.00					30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks:



Terra Firma (Wales) Limited
5 Deryn Court, Wharfedale Road
Pentwyn, Cardiff
CF23 7HA

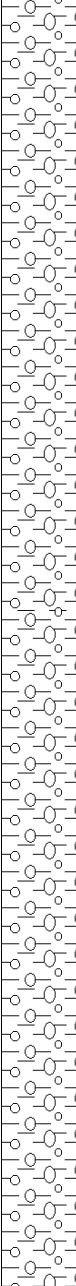
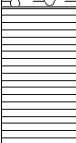
Tel: 02920 735354
info@terrafirmawales.co.uk
www.terrafirmawales.co.uk

Borehole No.

BH2

Sheet 1 of 2

Project Name:	Aneurin Crescent	Project No:	14925	Co-ords:		Hole Type	RO
Location:	Merthyr Tydfil	Level:				Scale	1:100
Client:	Merthyr Valleys Homes	Dates:	-			Logged By	

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
								Boulder CLAY (drillers description)	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
				17.10				MUDSTONE (drillers description)	17
									18
				19.10				COAL with mudstone bands (drillers description)	19
				19.70				SANDSTONE (drillers description)	20

Remarks:



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Pentwyn, Cardiff
CF23 7HA

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www.terrafirmawales.co.uk

Borehole No.

BH2

Sheet 2 of 2

Project Name: Aneurin Crescent Project No: 14925 Co-ords:

Hole Type
RO

Location: Merthyr Tydfil Level:

Scale
1:100

Client: Merthyr Valleys Homes Dates: -

Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				30.00				SANDSTONE (drillers description)	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks:



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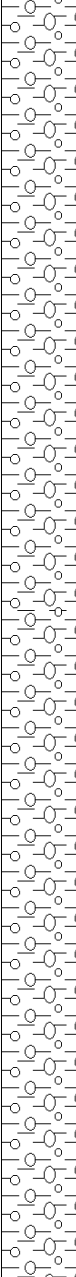
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Borehole No.

BH3

Sheet 1 of 2

Project Name:	Aneurin Crescent	Project No:	14925	Co-ords:		Hole Type	RO
Location:	Merthyr Tydfil	Level:				Scale	1:100
Client:	Merthyr Valleys Homes	Dates:	-			Logged By	

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
								Boulder CLAY (drillers description)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
				17.00				MUDSTONE (drillers description)	17 18
				19.30				COAL with mudstone bands	19
				19.90					20

Remarks:



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Borehole No.

BH3

Sheet 2 of 2

Project Name: Aneurin Crescent Project No: 14925 Co-ords: Hole Type RO

Location: Merthyr Tydfil Level: Scale 1:100

Client: Merthyr Valleys Homes Dates: - Logged By

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				30.00				SANDSTONE (drillers description)	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks:



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Borehole No.

BH4

Sheet 1 of 2

Project Name:	Aneurin Crescent	Project No:	14925	Co-ords:		Hole Type	RO
Location:	Merthyr Tydfil	Level:		Scale	1:100	Logged By	
Client:	Merthyr Valleys Homes	Dates:	-				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
								Boulder CLAY (drillers description)	1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
				19.30					19
								SANDSTONE (drillers description)	20

Remarks:



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Borehole No.

BH4

Sheet 2 of 2

Project Name:	Aneurin Crescent	Project No:	14925	Co-ords:		Hole Type	RO
Location:	Merthyr Tydfil	Level:				Scale	1:100
Client:	Merthyr Valleys Homes	Dates:	-			Logged By	

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				30.00				SANDSTONE (drillers description)	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks:



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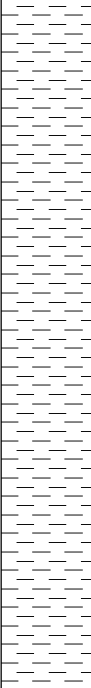
Trial Pit No:

TP01

Sheet 1 of 1

Project Name: Aneurin Crescent	Project No: 14925	Co-ords: - Level:	Date: 02/10/2018
--------------------------------	-------------------	----------------------	------------------

Location: Merthyr Tydfil	Dimensions: 2.00 Depth 2.50	0.70 	Scale: 1:25 Logged: JRW
Client: Merthyr Valleys Homes			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.20			Grass over soft dark brown slightly sandy clayey SILT with frequent rootlets.	
							Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Gravel is subangular to rounded fine to coarse sandstone.	1
				2.50			End of Pit at 2.500m	2
								3
								4
								5

Stability: Trial pit remained stable and vertical.

Remarks: Groundwater not encountered. On completion trial pit backfilled with materials arising.



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Trial Pit No:
TP02
Sheet 1 of 1

Project Name: Aneurin Crescent	Project No: 14925	Co-ords: - Level:	Date: 02/10/2018
--------------------------------	-------------------	----------------------	------------------

Location: Merthyr Tydfil	Dimensions: 2.10 Depth 2.50	Scale: 1:25 Logged: JRW
--------------------------	--------------------------------	----------------------------

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.25			Grass over soft dark brown slightly sandy clayey SILT with frequent rootlets.
				0.50			Soft brown slightly gravelly clayey SILT. Gravel is subangular fine to coarse sandstone.
	0.60	ES					Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Gravel is subangular to rounded fine to coarse sandstone.
				2.50			End of Pit at 2.500m

Stability: Trial pit remained stable and vertical.

Remarks: Groundwater not encountered. On completion trial pit backfilled with materials arising.

Project Name: Aneurin Crescent	Project No: 14925	Co-ords: - Level:	Date: 02/10/2018
--------------------------------	-------------------	----------------------	------------------

Location: Merthyr Tydfil	Dimensions: 2.00	Scale: 1:25
Client: Merthyr Valleys Homes	Depth 2.40	Logged: JRW

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.20			Grass over soft dark brown slightly gravelly clayey SILT with frequent rootlets. Gravel is angular to subrounded fine to coarse sandstone and brick. With rare fabric, plastic and metal fragments. (MADE GROUND)	
				0.30			Loose yellowish brown fine to coarse SAND. (MADE GROUND)	
				0.50			Soft brownish grey slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine to coarse sandstone. (MADE GROUND)	
	0.80	ES					Firm to stiff brown slightly sandy gravelly CLAY with low cobble and boulder content. Gravel is angular to rounded fine to coarse sandstone. (MADE GROUND)	1
				1.50				
							Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Gravel is subangular to rounded fine to coarse sandstone.	2
				2.40			End of Pit at 2.400m	3
								4
								5

Stability: Trial pit remained stable and vertical.

Remarks: Groundwater not encountered. On completion trial pit backfilled with materials arising.



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Trial Pit No:
TP04
Sheet 1 of 1

Project Name: Aneurin Crescent	Project No: 14925	Co-ords: - Level:	Date: 02/10/2018
--------------------------------	-------------------	----------------------	------------------

Location: Merthyr Tydfil	Dimensions: 1.80 Depth 1.50	0.70	Scale: 1:25 Logged: JRW
Client: Merthyr Valleys Homes			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES		0.40			Grass over soft dark brown slightly sandy slightly gravelly clayey SILT with low cobble content. Gravel is angular to subrounded fine to coarse sandstone, brick, concrete, and ash. (MADE GROUND)	
				1.00			Soft brown slightly sandy slightly gravelly clayey SILT. Gravel is subangular fine to coarse sandstone.	
				1.50			Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Gravel is subangular to rounded fine to coarse sandstone.	1
							End of Pit at 1.500m	2
								3
								4
								5

Stability: Trial pit remained stable and vertical.

Remarks: Groundwater not encountered. On completion trial pit backfilled with materials arising.



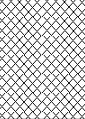
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Trial Pit No:
TP05
Sheet 1 of 1

Project Name: Aneurin Crescent	Project No: 14925	Co-ords: - Level:	Date: 02/10/2018
--------------------------------	-------------------	----------------------	------------------

Location: Merthyr Tydfil	Dimensions: 1.80 Depth 1.30	0.70 	Scale: 1:25 Logged: JRW
Client: Merthyr Valleys Homes			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.40			Grass over soft dark brown slightly sandy clayey SILT with frequent rootlets. Possible corrugated sheets ACM noted. (MADE GROUND)	
				0.70			Soft brown slightly gravelly clayey SILT. Gravel is subangular and subrounded fine to coarse sandstone.	
				1.30			Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Gravel is subangular to rounded fine to coarse sandstone.	1
							End of Pit at 1.300m	2
								3
								4
								5

Stability: Trial pit remained stable and vertical.

Remarks: Groundwater not encountered. On completion trial pit backfilled with materials arising.



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Trial Pit No:
TP06
Sheet 1 of 1

Project Name: Aneurin Crescent	Project No: 14925	Co-ords: - Level:	Date: 02/10/2018
--------------------------------	-------------------	----------------------	------------------

Location: Merthyr Tydfil	Dimensions: 1.70 Depth 1.30	Scale: 1:25 Logged: JRW
--------------------------	--------------------------------	----------------------------

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.20			Grass over soft dark brown slightly sandy clayey SILT with frequent rootlets.
				0.50			Soft brown slightly gravelly clayey SILT. Gravel is subangular fine to coarse sandstone.
				1.30			Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Gravel is subangular to rounded fine to coarse sandstone.
							End of Pit at 1.300m

Stability: Trial pit remained stable and vertical.

Remarks: Groundwater not encountered. On completion trial pit backfilled with materials arising.

ANNEX E
Soakaway Results

SOAKAWAY TEST



Site Name: Aneurin Crescent

Project Number: 14925

Date: 03/10/2018

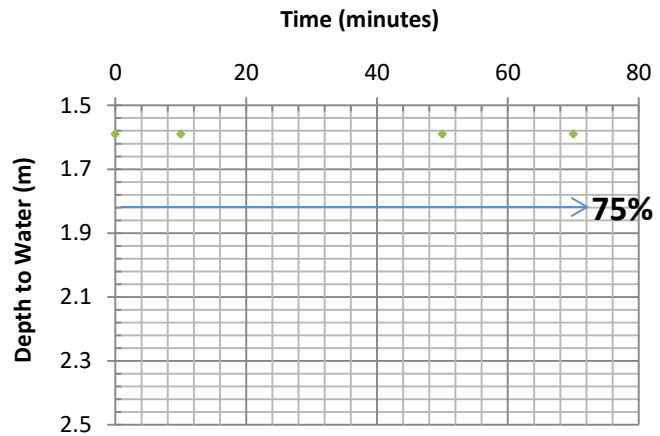
Trial Pit: TP02

TEST 1

Length 2.10 m
Bredth 0.70 m
Depth 2.50 m
Fill Level 1.59 m

V_{p75-25} 0.669 m³
 a_{p50} 4.018 m²
 t_{p75-25} 0 minutes

Soil Infiltration Rate, f - ms⁻¹
Too little water take to calculate infiltration rate

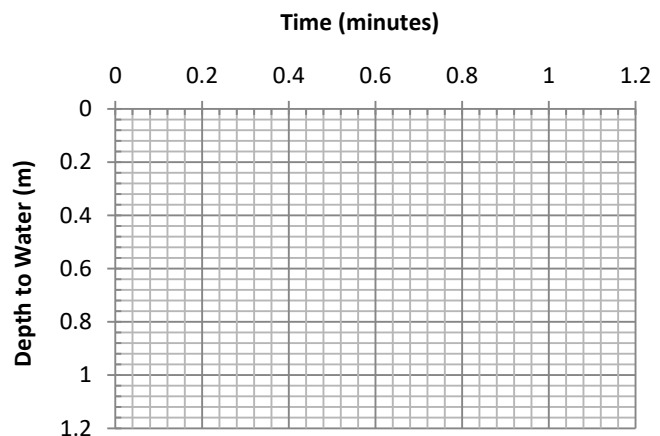


TEST 2

Length m
Bredth m
Depth m
Fill Level m

V_{p75-25} 0 m³
 a_{p50} 0 m²
 t_{p75-25} 0 minutes

Soil Infiltration Rate, f - ms⁻¹

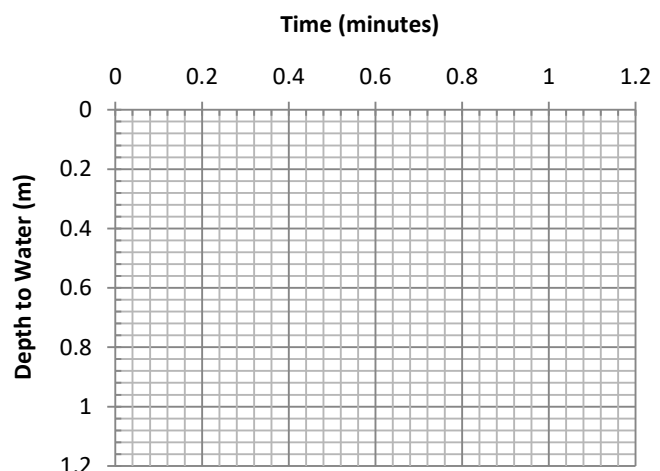


TEST 3

Length m
Bredth m
Depth m
Fill Level m

V_{p75-25} 0 m³
 a_{p50} 0 m²
 t_{p75-25} 0 minutes

Soil Infiltration Rate, f - ms⁻¹



REMARKS:

Test carried out in general accordance with BRE DIGEST 365 (2016)

SOAKAWAY TEST



Site Name: Aneurin Crescent

Project Number: 14925

Date: 03/10/2018

Trial Pit:

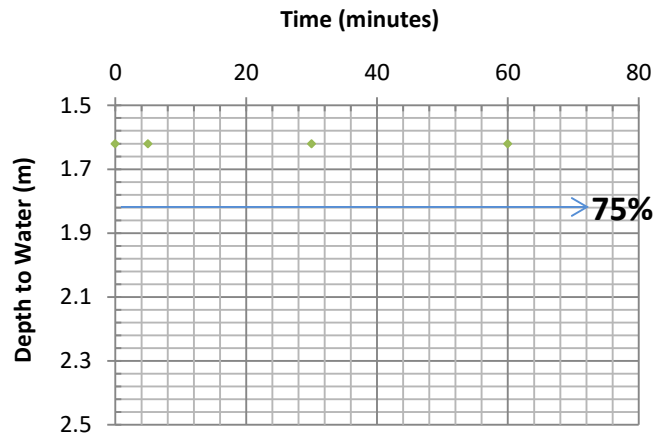
TP03

TEST 1

Length 2.00 m
 Breadth 0.70 m
 Depth 2.40 m
 Fill Level 1.62 m

V_{p75-25} 0.546 m³
 a_{p50} 3.506 m²
 t_{p75-25} 0 minutes

Soil Infiltration Rate, f - ms⁻¹
 Too little water take to calculate infiltration rate

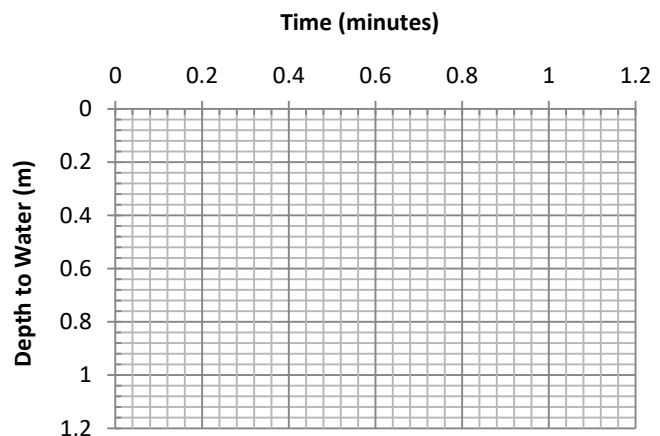


TEST 2

Length m
 Breadth m
 Depth m
 Fill Level m

V_{p75-25} 0 m³
 a_{p50} 0 m²
 t_{p75-25} 0 minutes

Soil Infiltration Rate, f - ms⁻¹

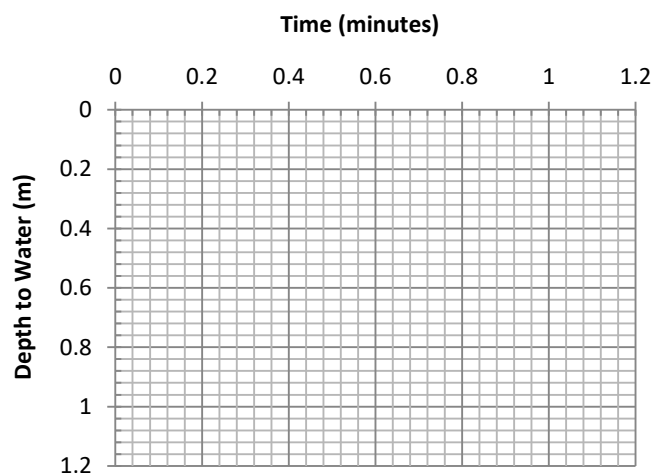


TEST 3

Length m
 Breadth m
 Depth m
 Fill Level m

V_{p75-25} 0 m³
 a_{p50} 0 m²
 t_{p75-25} 0 minutes

Soil Infiltration Rate, f - ms⁻¹



REMARKS:

Test carried out in general accordance with BRE DIGEST 365 (2016)

ANNEX F
Laboratory Soil Chemical Test Results



Certificate of Analysis

Certificate Number 18-23663-1

17-Oct-18

Client Terra Firma (Wales) Ltd
5 Deryn Court
Wharfdale Road
Pentwyn
Cardiff
CF23 7HB

Our Reference 18-23663-1

Client Reference 14925

Order No (not supplied)

Contract Title Aneurin Crescent

Description 8 Soil samples.

Date Received 05-Oct-18

Date Started 05-Oct-18

Date Completed 17-Oct-18

Test Procedures Identified by prefix DETSn (details on request).

Notes **This report supersedes 18-23663, extra testing added.**

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Adam Fenwick
Contracts Manager



Summary of Chemical Analysis

Matrix Descriptions

Our Ref 18-23663-1

Client Ref 14925

Contract Title Aneurin Crescent

Sample ID	Depth	Lab No	Completed	Matrix Description
TP01	0.1	1402039	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP02	0.2	1402040	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP02	0.6	1402041	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP03	0.1	1402042	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP03	0.8	1402043	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP04	0.3	1402044	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP05	0.2	1402045	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets
TP06	0.1	1402046	12/10/2018	Brown gravelly, sandy CLAY including odd rootlets

Summary of Chemical Analysis

Soil Samples

Our Ref 18-23663-1

Client Ref 14925

Contract Title Aneurin Crescent

Lab No	1402039	1402040	1402041	1402042	1402043	1402044
Sample ID	TP01	TP02	TP02	TP03	TP03	TP04
Depth	0.10	0.20	0.60	0.10	0.80	0.30
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	02/10/18	02/10/18	02/10/18	02/10/18	02/10/18	02/10/18
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Asbestos Quantification	DETSC 1102	0							
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	16	11	6.5	10	9.7	15
Cadmium	DETSC 2301#	0.1	mg/kg	0.1	0.2	< 0.1	0.2	0.1	1.5
Chromium	DETSC 2301#	0.15	mg/kg	13	13	14	9.5	13	15
Chromium III	DETSC 2301*	0.15	mg/kg	13	13	14	9.5	13	15
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	20	28	22	14	18	21
Lead	DETSC 2301#	0.3	mg/kg	46	73	21	37	28	41
Mercury	DETSC 2325#	0.05	mg/kg	0.10	0.08	< 0.05	< 0.05	< 0.05	0.09
Nickel	DETSC 2301#	1	mg/kg	12	17	23	11	18	13
Selenium	DETSC 2301#	0.5	mg/kg	0.9	0.5	< 0.5	< 0.5	< 0.5	1.2
Zinc	DETSC 2301#	1	mg/kg	76	88	59	74	69	78
Inorganics									
pH	DETSC 2008#			5.9	6.4	6.9	7.0	7.5	6.9
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.5	0.5	< 0.1	0.5	0.2	0.3
Organic matter	DETSC 2002#	0.1	%	4.1	5.7	0.8	7.0	1.7	4.0
Sulphate as SO ₄ , Total	DETSC 2321#	0.01	%	0.06	0.08	< 0.01	0.14	0.03	0.08
PAHs									
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	0.05	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Fluorene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.06	0.04	< 0.03	0.09	< 0.03	0.10
Anthracene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.11	0.09	< 0.03	0.16	< 0.03	0.15
Pyrene	DETSC 3303#	0.03	mg/kg	0.08	0.07	< 0.03	0.13	< 0.03	0.11
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	0.05	0.04	< 0.03	0.08	< 0.03	0.06
Chrysene	DETSC 3303	0.03	mg/kg	0.07	0.05	< 0.03	0.11	< 0.03	0.07
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	0.07	0.05	< 0.03	0.11	< 0.03	0.06
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	0.04	< 0.03	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.03	< 0.03	< 0.03	0.06	< 0.03	< 0.03
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	0.04	< 0.03	< 0.03
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	0.03	< 0.03	< 0.03
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	0.44	0.34	< 0.10	0.79	< 0.10	0.55
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Summary of Chemical Analysis

Soil Samples

Our Ref 18-23663-1

Client Ref 14925

Contract Title Aneurin Crescent

Lab No	1402045	1402046
Sample ID	TP05	TP06
Depth	0.20	0.10
Other ID		
Sample Type	SOIL	SOIL
Sampling Date	02/10/18	02/10/18
Sampling Time	n/s	n/s

Test	Method	LOD	Units		
Asbestos Quantification	DETSC 1102	0		Y	
Metals					
Arsenic	DETSC 2301#	0.2	mg/kg	16	8.9
Cadmium	DETSC 2301#	0.1	mg/kg	0.3	0.2
Chromium	DETSC 2301#	0.15	mg/kg	15	11
Chromium III	DETSC 2301*	0.15	mg/kg	15	11
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	26	16
Lead	DETSC 2301#	0.3	mg/kg	36	33
Mercury	DETSC 2325#	0.05	mg/kg	0.50	0.06
Nickel	DETSC 2301#	1	mg/kg	27	12
Selenium	DETSC 2301#	0.5	mg/kg	0.7	< 0.5
Zinc	DETSC 2301#	1	mg/kg	87	71
Inorganics					
pH	DETSC 2008#			7.0	5.4
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.2	0.7
Organic matter	DETSC 2002#	0.1	%	3.6	6.5
Sulphate as SO ₄ , Total	DETSC 2321#	0.01	%	0.04	0.10
PAHs					
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Acenaphthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Fluorene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.05	0.06
Anthracene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.07	0.12
Pyrene	DETSC 3303#	0.03	mg/kg	0.05	0.08
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	0.04
Chrysene	DETSC 3303	0.03	mg/kg	0.04	0.06
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	< 0.03	0.04
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	0.21	0.40
Phenols					
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3

Summary of Asbestos Analysis

Soil Samples

Our Ref 18-23663-1

Client Ref 14925

Contract Title Aneurin Crescent

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
1402042	TP03 0.10	SOIL	NAD	none	Lee Kerridge
1402043	TP03 0.80	SOIL	NAD	none	Lee Kerridge
1402044	TP04 0.30	SOIL	NAD	none	Lee Kerridge
1402045	TP05 0.20	SOIL	Chrysotile	Chrysotile present in bundles	Lee Kerridge

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation.

Summary of Asbestos Quantification Analysis

Soil Samples

Our Ref 18-23663-1

Client Ref 14925

Contract Title Aneurin Crescent

Lab No	1402045
Sample ID	TP05
Depth	0.20
Other ID	
Sample Type	SOIL
Sampling Date	02/10/18
Sampling Time	

Test	Method	Units	
Total Mass% Asbestos (a+b+c)	DETSC 1102	Mass %	0.027
Gravimetric Quantification (a)	DETSC 1102	Mass %	0.026
Detailed Gravimetric Quantification (b)	DETSC 1102	Mass %	0.001
Quantification by PCOM (c)	DETSC 1102	Mass %	na
Potentially Respirable Fibres (d)	DETSC 1102	Fibres/g	na

Breakdown of Gravimetric Analysis (a)

Mass of Sample		g	1149.11
ACMs present*		type	Board
Mass of ACM in sample		g	0.74
% ACM by mass		%	0.06
% asbestos in ACM		%	40.00
% asbestos in sample		%	0.03

Breakdown of Detailed Gravimetric Analysis (b)

% Amphibole bundles in sample		Mass %	na
% Chrysotile bundles in sample		Mass %	0.001

Breakdown of PCOM Analysis (c)

% Amphibole fibres in sample		Mass %	na
% Chrysotile fibres in sample		Mass %	na

Breakdown of Potentially Respirable Fibre Analysis (d)

Amphibole fibres		Fibres/g	na
Chrysotile fibres		Fibres/g	na

* Denotes test or material description outside of UKAS accreditation.
 % asbestos in Asbestos Containing Materials (ACMs) is determined by
 by reference to HSG 264.
 Recommended sample size for quantification is approximately 1kg
 # denotes deviating sample

Information in Support of the Analytical Results

Our Ref 18-23663-1
 Client Ref 14925
 Contract Aneurin Crescent

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1402039	TP01 0.10 SOIL	02/10/18	GJ 250ml, PT 1L		
1402040	TP02 0.20 SOIL	02/10/18	GJ 250ml, PT 1L		
1402041	TP02 0.60 SOIL	02/10/18	GJ 250ml, PT 1L		
1402042	TP03 0.10 SOIL	02/10/18	GJ 250ml, PT 1L		
1402043	TP03 0.80 SOIL	02/10/18	GJ 250ml, PT 1L		
1402044	TP04 0.30 SOIL	02/10/18	GJ 250ml, PT 1L		
1402045	TP05 0.20 SOIL	02/10/18	GJ 250ml, PT 1L		
1402046	TP06 0.10 SOIL	02/10/18	GJ 250ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Appendix A - Details of Analysis

Method	Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 2002	Organic matter	%	0.1	Air Dried	No	Yes	Yes
DETSC 2003	Loss on ignition	%	0.01	Air Dried	No	Yes	Yes
DETSC 2008	pH	pH Units	1	Air Dried	No	Yes	Yes
DETSC 2024	Sulphide	mg/kg	10	Air Dried	No	Yes	Yes
DETSC 2076	Sulphate Aqueous Extract as SO ₄	mg/l	10	Air Dried	No	Yes	Yes
DETSC 2084	Total Carbon	%	0.5	Air Dried	No	Yes	Yes
DETSC 2084	Total Organic Carbon	%	0.5	Air Dried	No	Yes	Yes
DETSC 2119	Ammoniacal Nitrogen as N	mg/kg	0.5	Air Dried	No	Yes	Yes
DETSC 2130	Cyanide free	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Cyanide total	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Phenol - Monohydric	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC 2130	Thiocyanate	mg/kg	0.6	Air Dried	No	Yes	Yes
DETSC 2321	Total Sulphate as SO ₄	%	0.01	Air Dried	No	Yes	Yes
DETSC 2325	Mercury	mg/kg	0.05	Air Dried	No	Yes	Yes
DETSC 3049	Sulphur (free)	mg/kg	0.75	Air Dried	No	Yes	Yes
DETSC2123	Boron (water soluble)	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Arsenic	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Barium	mg/kg	1.5	Air Dried	No	Yes	Yes
DETSC2301	Beryllium	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Cadmium Available	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC2301	Cadmium	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC2301	Cobalt	mg/kg	0.7	Air Dried	No	Yes	Yes
DETSC2301	Chromium	mg/kg	0.15	Air Dried	No	Yes	Yes
DETSC2301	Copper	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Manganese	mg/kg	20	Air Dried	No	Yes	Yes
DETSC2301	Molybdenum	mg/kg	0.4	Air Dried	No	Yes	Yes
DETSC2301	Nickel	mg/kg	1	Air Dried	No	Yes	Yes
DETSC2301	Lead	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC2301	Selenium	mg/kg	0.5	Air Dried	No	Yes	Yes
DETSC2301	Zinc	mg/kg	1	Air Dried	No	Yes	Yes
DETSC 3072	Ali/Aro C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C12	mg/kg	1.5	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C12	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C12-C16	mg/kg	1.2	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C12-C16	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C16-C21	mg/kg	1.5	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C16-C21	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C21-C35	mg/kg	3.4	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C21-C35	mg/kg	3.4	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C12	mg/kg	0.9	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C12	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C12-C16	mg/kg	0.5	As Received	No	Yes	Yes
DETSC 3072	Aromatic C12-C16	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C16-C21	mg/kg	0.6	As Received	No	Yes	Yes
DETSC 3072	Aromatic C16-C21	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C21-C35	mg/kg	1.4	As Received	No	Yes	Yes
DETSC 3072	Aromatic C21-C35	mg/kg	1.4	As Received	No	Yes	Yes
DETS 062	Benzene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Ethylbenzene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Toluene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	m+p Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	o Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3311	C10-C24 Diesel Range Organics (DRO)	mg/kg	10	As Received	No	Yes	Yes
DETSC 3311	C24-C40 Lube Oil Range Organics (LORO)	mg/kg	10	As Received	No	Yes	Yes
DETSC 3311	EPH (C10-C40)	mg/kg	10	As Received	No	Yes	Yes

Appendix A - Details of Analysis

Method	Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 3303	Acenaphthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Acenaphthylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(b)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(k)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(g,h,i)perylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Dibenzo(a,h)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Indeno(1,2,3-c,d)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Naphthalene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Phenanthrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3401	PCB 28 + PCB 31	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 52	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 101	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 118	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 153	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 138	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 180	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB Total	mg/kg	0.01	As Received	No	Yes	Yes

Method details are shown only for those determinands listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS. No Recovery Factors are used in the determination of results. Results reported assume 100% recovery. Full method statements are available on request.

ANNEX G
Plasticity Test Results

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

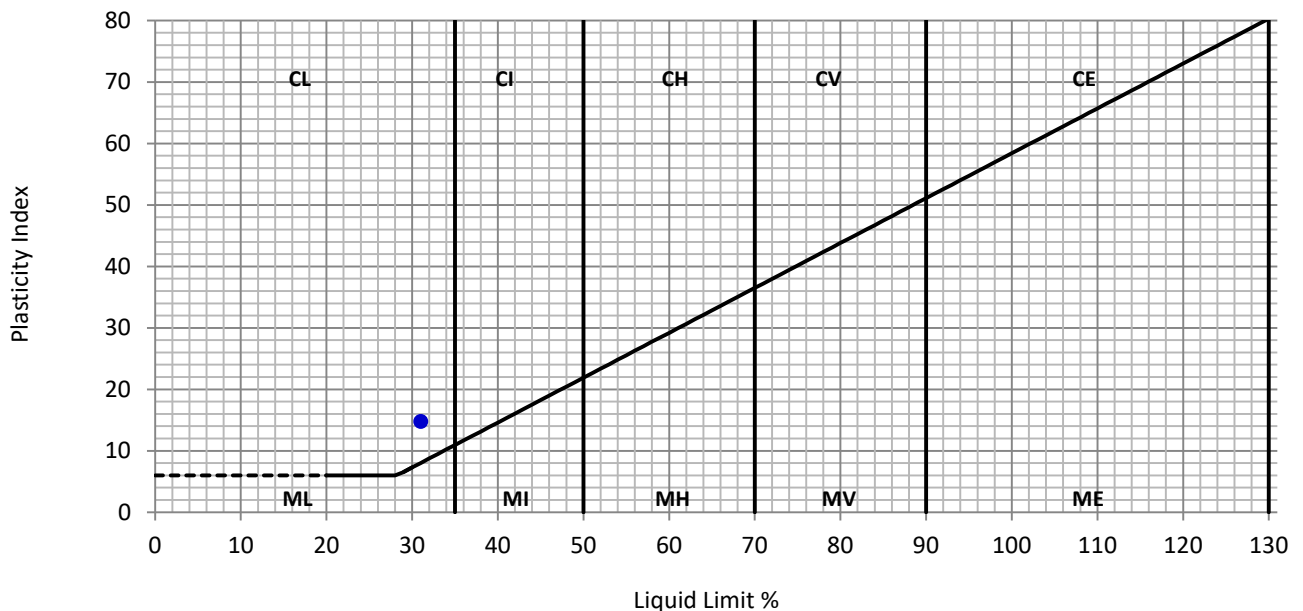
Project No:	D8301-18	Client:	Terra Firma (Wales) Ltd
Project Name:	Aneuring Crescent	Email:	5 Deryn Court Wharfdale Road Pentwyn Cardiff CF23 7HA
ATS Sample No:	N/A		

Site Ref / Hole ID:	TP3	Depth (m):	1.90
Sample No:		Sample Type:	Disturbed
Sampling Certificate Received:	No	Material Description:	Grey brown slightly sandy slightly gravelly CLAY
Location in Works:	TP3@1.90m	Material Source:	N/A
Date Sampled:	Unknown	Material Supplier:	N/A
Sampled By:	Client	Specification:	BS 1377
Date Received:	09 October 2018	Date Tested:	18 October 2018

Test Results

Liquid Limit	31	%
Plastic Limit	16	%
Plasticity Index	15	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	21 %



Remarks:

QA Ref.

BS1377-2
Rev 3.0



Apex Testing Solutions

Sturmi Way, Village Farm Industrial Est, Pyle,
Bridgend, CF33 6BZ
Tel: 01656 746762 Fax: 01656 749096



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Approver

R Figgis

R Figgis, Laboratory Supervisor

Date

19/10/2018

Fig.

ATT

TEST REPORT
LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX
BS 1377:Part 2:1990: Clause 4.3/5.3/5.4

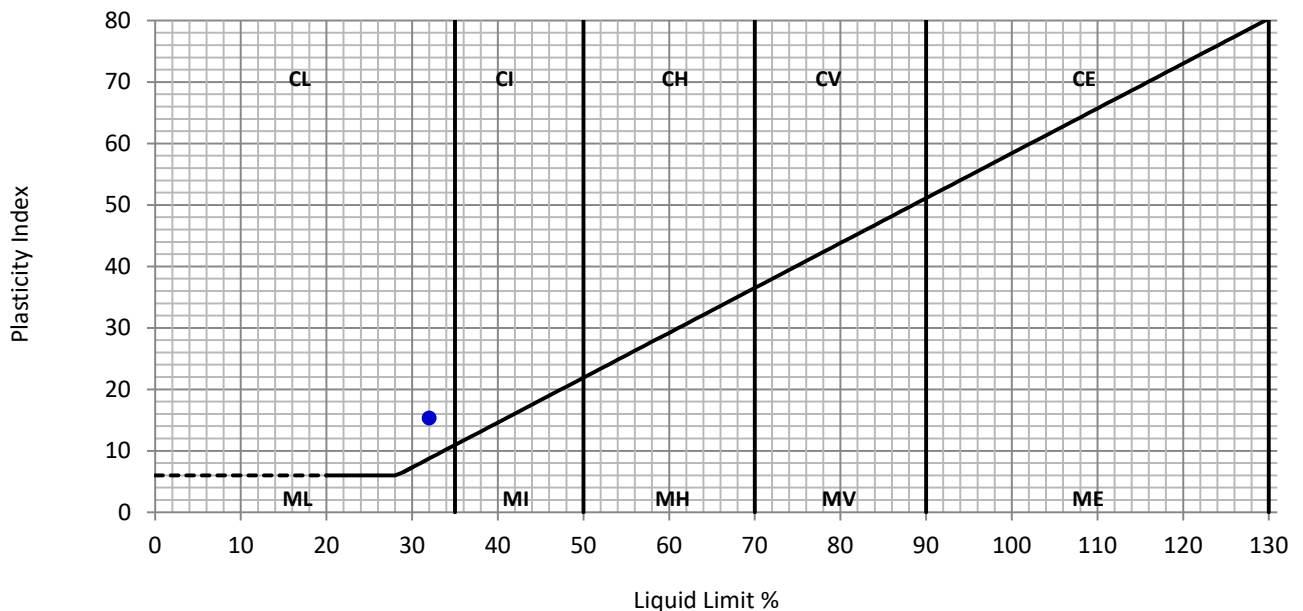
Project No:	D8301-18	Client:	Terra Firma (Wales) Ltd
Project Name:	Aneuring Crescent	Email:	5 Deryn Court Wharfdale Road Pentwyn Cardiff CF23 7HA
ATS Sample No:	N/A		

Site Ref / Hole ID:	TP5	Depth (m):	1.30
Sample No:		Sample Type:	Disturbed
Sampling Certificate Received:	No	Material Description:	Grey brown slightly gravelly CLAY
Location in Works:	TP5@1.30m	Material Source:	N/A
Date Sampled:	Unknown	Material Supplier:	N/A
Sampled By:	Client	Specification:	BS 1377
Date Received:	09 October 2018	Date Tested:	18 October 2018

Test Results

Liquid Limit	32	%
Plastic Limit	17	%
Plasticity Index	15	%

Preparation:	4.2.4 Sieved Specimen
Proportion retained on 425µm sieve:	22 %



Remarks:

QA Ref.

BS1377-2
Rev 3.0



Apex Testing Solutions

Sturmi Way, Village Farm Industrial Est, Pyle,
Bridgend, CF33 6BZ
Tel: 01656 746762 Fax: 01656 749096



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Approver

R Figgis

R Figgis, Laboratory Supervisor

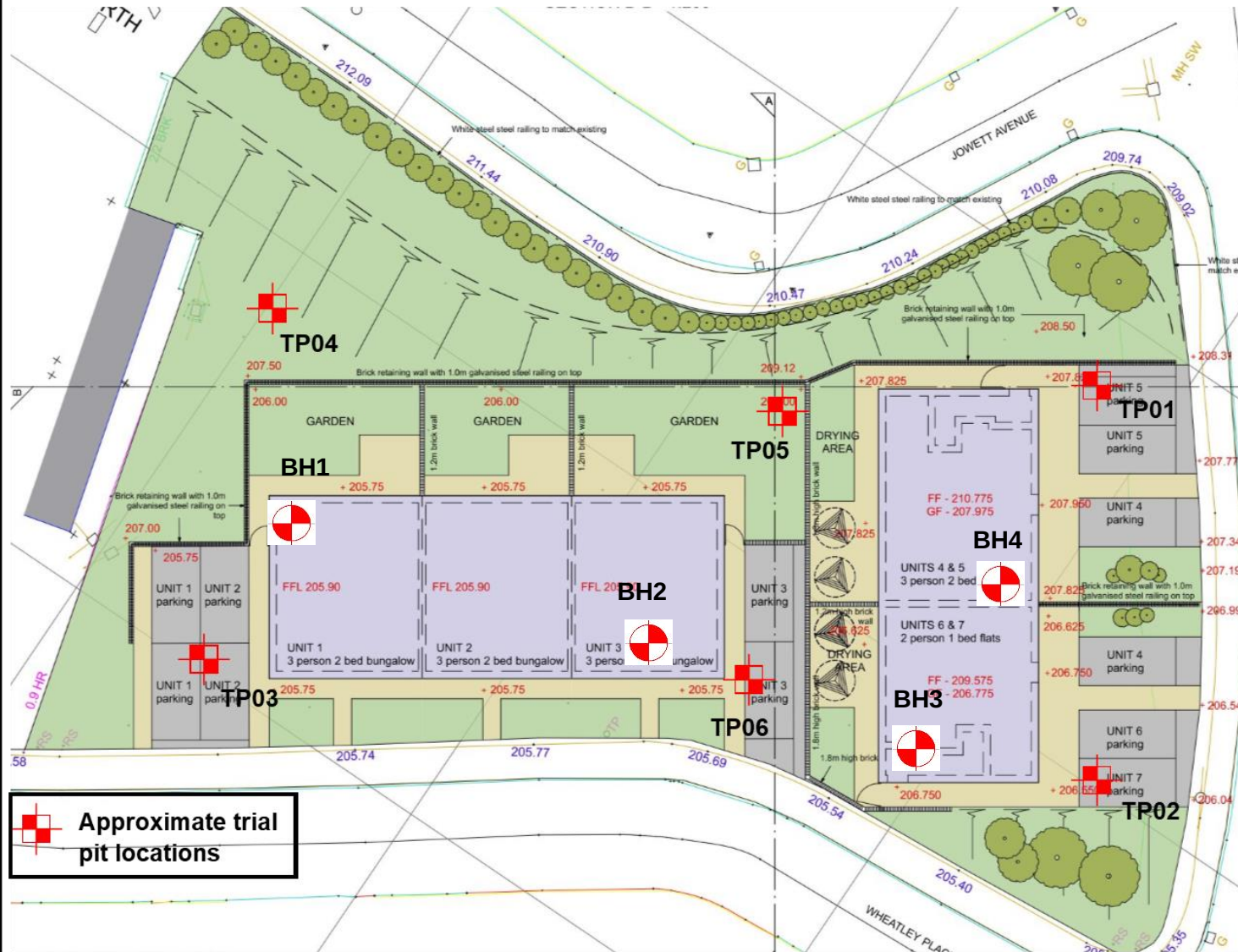
Date

19/10/2018

Fig.

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DRAWINGS



Scale: Not To Scale

Approximate trial pit locations