

## Geotechnical and Geoenvironmental Desk Study

Site: Land off Tremont Park,  
Llandrindod Wells

Prepared For: Hughes Architects

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	Name	Signature
Prepared	<b>Chris Pilkington</b> BSc (Hons). FGS	
Checked	<b>Alan Beattie</b> M.Sci (Hons), FGS	
Approved	<b>Gwyn Lake</b> BSc (Hons). PhD, CGeol, FGS	



## Executive Summary

<b>Site Location</b>	<p>Hughes Architects (the Client) has requested that a Desk Study (DS) be undertaken for the proposed residential development.</p> <p>The development site is irregular in shape and locates off Trefonen Lane, Llandrindod Wells. The site centres on an approximate National Grid Reference of 306500, 262120, occupying a plan area of approximately 4.66 Hectares and comprises two separate parcels of land.</p> <p>The site is currently occupied by open grassland.</p> <p>The site elevation is approximately 207 – 230m AOD on the northern parcel, sloping to the northwest and is generally sloping towards the north. The southern parcel is generally level at approximately 220m AOD.</p>
<b>Site History</b>	<p>The site has largely remained unoccupied since the earliest map edition available. Various opencast quarries have been situated within the surrounding area since the earliest map edition, with one quarry situated south of the site extending further north circa.1953.</p>
<b>Geology</b>	<p>The 1:50,000 and 1:10,000 scale British Geological Maps of the area (Sheet 179 Rhayader) were consulted for geology underlying the site. The site is shown to be underlain by the Builth Mudstone Formation (mudstone), Gilwern Volcanic Formation (Lapilli-Tuff) and Unnamed Igneous Intrusion (microgabbro) of Carboniferous Age.</p> <p>The majority of the site is shown to be underlain by Devensian diamicton till comprising varying stratum of sandy gravelly <b>CLAY</b> and/or clayey <b>SAND</b> and <b>GRAVEL</b>. An area to the south of the northern parcel of land is shown to be underlain by <b>PEAT</b>.</p> <p>An area of made ground is situated along the southern edge of the southern parcel of land, likely associated with the former quarry south of the site. If this highlighted area is associated with the quarry, then it is unlikely this feature extends into the site as the quarry edge was approximately 70m southeast from the site.</p> <p>The western edge of both parcels of land are shown to be underlain by the Builth Mudstone formation.</p> <p>Several faults run through each parcel of land, with the eastern edge of one of the faults showing the site to be underlain by the Gilwern Formation and an unnamed igneous intrusion.</p>
<b>Tentative Foundation and Floor Slab Solution</b>	<p>It is likely that in general traditional/semi traditional foundations will be suitable for the proposed development founded within the competent superficial deposits.</p> <p>Should peat be encountered then depending upon its thickness a piled foundation solution may be required.</p> <p><b>All foundation and floor slab recommendations should be confirmed by a suitably designed site investigation.</b></p>
<b>Recommended Site Investigation</b>	<p>An intrusive site investigation carried out designed and justified in accordance with guidance provided in BS10175:2011+A2:2017 should be undertaken to achieve the following objectives:</p> <ul style="list-style-type: none"> <li>• Identify the potential environmental liabilities at the site associated with any soil, gas, and groundwater contamination from past site uses, to substantiate and enhance the conceptual site model, for a residential scenario with plant uptake and enclosed spaces.</li> <li>• Provide a suitable foundation and floor slab solution</li> <li>• Provide recommendations regarding any relevant geotechnical aspects pertaining to the development.</li> </ul>

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Annex C	EIR Search

## Drawings

Drawing 01	Proposed Site Layout
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## **SECTION 1 Introduction**

### **1.1 Introduction**

Hughes Architects (the Client) has requested that a Desk Study (DS) be undertaken for the proposed residential development upon the land off Trefonen Lane, Llandrindod Wells. The proposed development layout is yet to be finalised.

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

The main objectives of the assessment programme are to:

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

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

### **1.2 Limitations and Exceptions of Investigation**

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

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

### **1.3 Quality Assurance**

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

## SECTION 2 Review of Existing Data

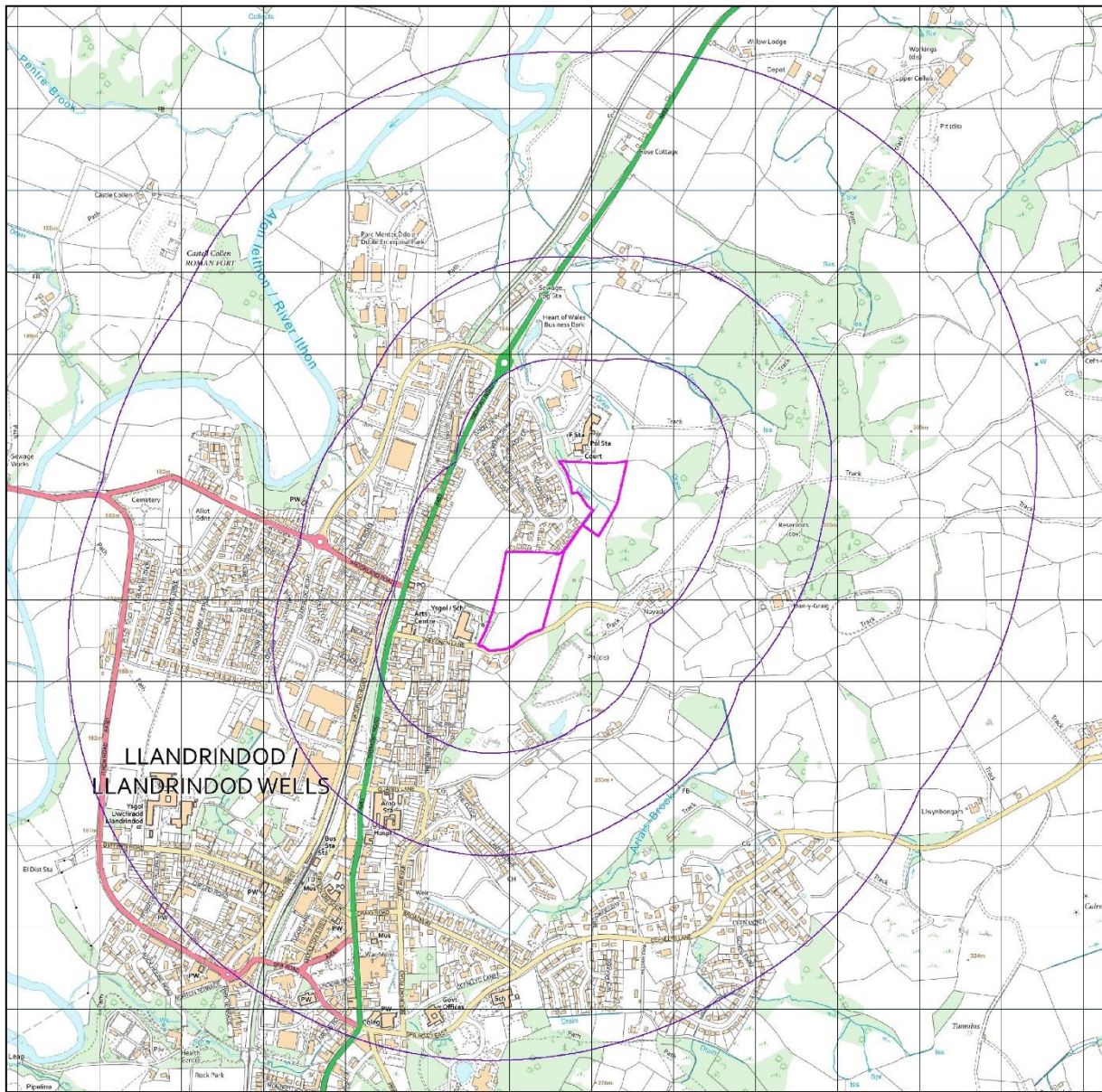
### 2.1 Physical Setting and Current Site Use

The development site is irregular in shape and locates off Trefonen Lane, Llandrindod Wells. The site centres on an approximate National Grid Reference of 306500, 262120, occupying a plan area of approximately 4.66 Hectares and comprises two separate parcels of land.

The site is currently occupied by open grassland.

The site elevation is approximately 207 – 230m AOD on the northern parcel, sloping to the northwest and is generally sloping towards the north. The southern parcel is generally level at approximately 220m AOD.

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



**Figure 2.1 Site Location (Envirocheck, 2023)**

## 2.2 Site History

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

**Table 2.1 Historical Development from Map Information**

Map Edition & Scale	Key Features on Site	Key Features off Site
<b>1888</b> 1:0,560	The site is currently occupied by open grassland, with no major structures on either parcel of land.	Much of the immediate surrounding area is also comprised of open grassland. 'Reservoir (Llandrindod Wells)' is labelled 40m east from the southern parcel of land. Trefonen Lane is situated immediately south of the southern parcel of land. Several quarries can be seen within the local area, situated 250m south of the southern parcel of land and 260m east from the northern parcel. A railway is situated 250m west from the site, associated with the town of Llandrindod Wells.
<b>1889</b> 1:2,500	Smaller scale mapping shows a stream/brook running along the western edge of the northern parcel of land. On the southern edge of the southern parcel of land an area of rough marshland is now mapped. Several streams/brooks can be seen within this area. A small pond is also situated across the western edge of the southern land parcel. No further significant changes can be seen to the rest of the site.	No significant changes have been made within the immediate surrounding area since 1888.
<b>1904</b> 1:2,500	A flow direction arrow now shows the stream on the northern parcel of land to flow to the northwest. A foot path crosses the south eastern corner of the southern parcel of land.	
<b>1904-05</b> 1:10,560	No significant changes have been made to the site since 1904.	
<b>1938-53</b> 1:10,560		
<b>1953</b> 1:10,560		The quarry situated south of the site has now been extended further north, now situated 80m southeast of the site. However, this quarry is now labelled as disused.
<b>1964</b> 1:10,000		The Reservoir situated 40m east is no longer labelled on the map.
<b>1970</b> 1:2,500	The pond and water features situated at the southern part of the southern parcel of land are no longer mapped.	No significant changes have been made within the immediate surrounding area since 1964.
<b>1983</b> 1:10,000	No significant changes have been made to the site since 1970.	A school has been built 125m west from the site. A residential development has been established 10m southwest from the site.
<b>1984-86</b> 1:2,500		No significant changes have been made within the immediate surrounding area since 1983.
<b>1989-93</b> 1:2,500		
<b>1989</b> 1:2,500		
<b>1992</b> 1:10,000		
<b>1995</b> 1:2,500		
<b>2000</b> 1:2,500		
<b>2000</b> 1:10,000		A 'Works' has now been built situated 240m north of the site.
<b>2006</b> 1:10,000		No significant changes have been made within the immediate surrounding area since 2000.



<b>2023</b> 1:10,000	No significant changes have been made to the site since 1970.	A residential development (Tremont Park) has been developed immediately west of the northern parcel of land. Development of a Police Station and Fire Station has also been established 10m north from the site. A new school building has also been built, situated 30m west from the southern parcel of land, likely replacing the old school buildings. The quarry to the south east is also seen to remain open to the present day.
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Current satellite images show that the northern area of the southern parcel of land is occupied by spoil and building materials, most likely from the construction of the nearby housing development.

## 2.3 Geological Setting

### 2.3.1 Geology

The 1:50,000 and 1:10,000 scale British Geological Maps of the area (Sheet 179 Rhayader and SO06SE) were consulted for geology underlying the site. The site is shown to be underlain by the BUILT MUDSTONE FORMATION (mudstone), Gilwern Volcanic Formation (Lapilli-Tuff) and Unnamed Igneous Intrusion (microgabbro) of Carboniferous Age. Detailed stratigraphical information is provided in **Table 2.2**.

**Table 2.2 Detailed Stratigraphical Information**

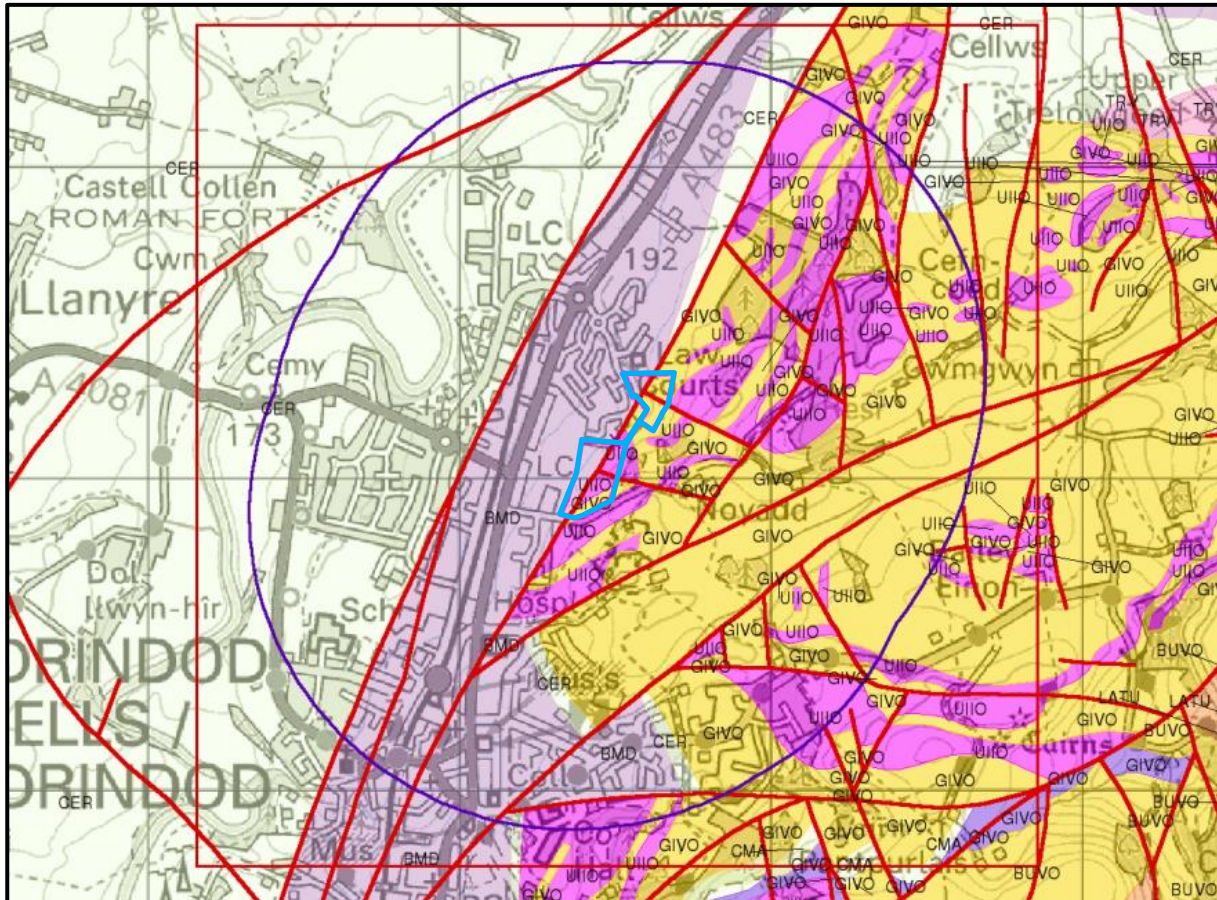
Period	Formation
Holocene	Devensian diamicton till comprising various layers of gravelly sandy <b>CLAY</b> and/or sandy clayey <b>GRAVEL</b>
Holocene	<b>PEAT</b> (Around the southern edge of the northern parcel of land)
Carboniferous	<b>Built Mudstone Formation:</b> Laminated silty mudstones.
Ordovician	<b>Gilwern Tuff Formation:</b> Lapilli-Tuff
Ordovician	<b>Unnamed Igneous Intrusion:</b> Microgabbro

The majority of the site is shown to be underlain by Devensian diamicton till comprising varying stratum of sandy gravelly **CLAY** and/or clayey **SAND** and **GRAVEL**. An area to the south of the northern parcel of land is shown to be underlain by **PEAT**.

An area of made ground is situated along the southern edge of the southern parcel of land, and is likely associated with the former quarry south of the site.

The western edge of both parcels of land are shown to be underlain by the Built Mudstone formation.

Several faults run through each parcel of land, with the eastern edge of one of the faults showing the site to be underlain by the Gilwern Formation and an unnamed igneous intrusion. **Figure 2.1** shows a section of the geology map.



**Figure 2.1 Envirocheck extract from BGS 1:50,000 map 179 Rhayader (Contains BGS Materials [2023])**

### 2.3.2 BGS Borehole Information

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

### 2.3.3 Radon

The Envirocheck Report (**Annex A**) details that basic radon protective measures are required for the site.

### 2.3.4 Mining

The site does not situate within the South Wales Coal Field.

Relevant BGS mineral sites as recorded in the Envirocheck Report datasheets (**Annex A**) are summarised in **Table 2.3**.

**Table 2.3 BGS Recorded Mineral Sites**

Site Name	Distance/Direction	Type	Commodity
Noyadd	159m, east	Opencast	Unnamed Igneous Intrusion
Llanfair Quarry	209m, south	Opencast	Gilwern Volcanic Formation

### 2.3.5 Natural Hazards

The Envirocheck details the following hazard potentials for the site.

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

The high compressible ground rating is likely to be associated with the area of **PEAT** situated on site.

## 2.4 Environmental Setting

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

### 2.4.1 Hydrogeology

The superficial deposits beneath the site have an aquifer designation of secondary aquifer – Undifferentiated and secondary aquifer – unproductive.

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

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

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

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

No water abstractions are recorded within 250m of the site.

### 2.4.2 Hydrology

The nearest surface water feature locates on site and is likely to comprise of the various drainage ditches/reens that situate throughout the site.

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

The topography of the southern parcel of land slopes down towards to the west. Surface water is likely to drain in this direction.

### 2.4.3 Flooding

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

The area of the site surrounding the drainage ditch/reen which runs northwest to east southeast along the southern edge of the northern parcel is at low to medium risk from flooding from surface water.

The Envirocheck report records the site to have potential for groundwater flooding at the surface and for property situated below ground level.

#### 2.4.4 Waste

The Envirocheck report does not record any historic, or otherwise, landfills within 250m of the site.

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

The nearest discharge consent is situated 205m southeast from the site. This is operated by Watkins L H, who are discharging into the Ithon River. Details of discharge type are not supplied. This discharge consent has now expired.

#### 2.4.5 Pollution

One pollution incident to controlled waters is recorded within 250m of the site. This is summarised in **Table 2.4**.

**Table 2.4 Pollution Incidents Summary**

Location	Date	Distance / Direction	Incident Severity	Pollutant
Behind Gros Farm Estate	23.07.1996	208m South	Category 3 – Minor Incident	Crude Sewage

There are no entries on the Contaminated Land Register or items on the Substantiated Pollution Incident Register within 1km of the site.

#### 2.4.6 Sensitive Land Use

The site is situated within an Environmentally Sensitive Area (Radnor). The Envirocheck report now records this to be decommissioned.

Six areas of Ancient Woodland are situated within 250m of the site.

One Site of Special Scientific Interest (mixed biological and geological) is situated 59m south from the site.

#### 2.4.7 Estimated Urban Soil Chemistry

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

#### 2.4.8 Industrial Land Use

Relevant contemporary trade directory entries recorded within proximity of the site are summarised in **Table 2.5**.

**Table 2.5 Relevant Contemporary Trade Summary**

Company	Distance/Direction	Classification	Status
Jon Proudman Plumbing and Heating	133m, northwest	Boilers – Serving, Replacements and Repairs	Inactive
Crossing Garage	178m, west	Garage Services	Active
Matador	200m, north	Tyre Dealers	Inactive
John Davies	207m, west	Lawnmowers and Garden Machinery	Inactive
Tremont Garage	207m, west	Garage Services	Inactive



Radnorshire Coal Co	211m, southwest	Coal and Smokeless Fuel Merchants	Inactive
Tremont Ford	213m, southwest	Car Dealers	Active

## 2.4.9 Infilled Land

Potentially infilled land features within 250m of the site are summarised in **Table 2.6**.

**Table 2.6 Potentially Infilled Land**

Feature	Distance/Direction
Old quarry	231m, south

## 2.5 Local Authority Information Request

An Environmental Information Request (EIR) was made to Powys County Council to identify any records they have for contaminated land within the site and within 250m of the site. This search is presented in **Annex C**.

The Local Authority is not aware of any Part 2A Contaminated Land within 250m of the site.

Three potentially contaminated land sites have been identified within the EIR and are summarised in **Table 2.7**. The distance and direction from the study site has also been determined.

**Table 2.7 Potentially Contaminated Land**

Feature	National Grid Reference	Distance / Direction
General quarrying, mining and quarrying	306730, 262050 & 306540, 261800	178m, east
Factory or works	306140, 262220	290m, northwest

## 2.6 Previous Nearby Site Investigation

A site investigation comprising 14 mechanically excavated trial pits and 5 cable percussive boreholes was undertaken in May 2005 for the nearby Tremont Park development (0km northwest).

Ground conditions encountered are summarised in **Table 2.8, 2.9 and 2.10**.

**Table 2.8 Summary of Typical Ground Conditions**

Depth (m)			Thickness (m)	Stratum
G.L.	-	0.8/0.9	0.8/0.9	<b>MADE GROUND:</b> Medium dense brown very clayey silty sandy fine to coarse angular and sub angular <b>GRAVELS, COBBLES</b> , very occasional plastic and timber, in areas becoming soft to firm brown silty sandy clay with gravels and cobbles
0.8/0.9	-	>2.2	-	Medium dense becoming dense at depth brown with orange brown inclusions silty sandy fine to coarse angular to sub-angular <b>GRAVELS, COBBLES</b> , occasional boulders, pockets of clay

**Table 2.9 Summary of Typical Ground Conditions**

Depth (m)			Thickness (m)	Stratum
G.L.	-	1.2/1.3	1.2/1.3	<b>MADE GROUND:</b> Soft brown damp sandy silty <b>CLAY</b> becoming in places medium dense angular and sub-angular <b>GRAVEL, COBBLE</b> and occasional boulders, clay inclusions
1.2/1.3	-	1.5/1.55	0.25/0.3	Soft and very soft in areas stiff to very stiff grey and blue grey silty <b>CLAY</b> , occasional gravels
1.5/1.55	-	>2.8	-	Medium dense becoming dense at depth brown with orange brown inclusions silty sandy fine to coarse angular to sub-angular <b>GRAVELS, COBBLES</b> , occasional boulders, pockets of clay

**Table 2.10 Summary of Typical Ground Conditions**

Depth (m)			Thickness (m)	Stratum
G.L.	-	0.3	0.3	Soft brown with orange inclusions sandy silty <b>CLAY</b> , gravels, cobbles fine roots
0.3	-	0.7/0.75	0.4/0.45	Firm to stiff grey orange brown slightly sandy silty <b>CLAY</b> , fine to coarse angular to sub angular gravels and cobbles
0.7/0.75	-	>2.1	-	Medium dense becoming dense at depth brown with orange brown inclusions silty sandy fine to coarse angular to sub-angular <b>GRAVELS, COBBLES</b> , occasional boulders, pockets of clay

Groundwater information recorded during the site investigation is summarised in **Table 2.11**.

**Table 2.11 Groundwater Summary**

Location	Depth (m)	Details
TP01	2.2	N/A
TP06	1.3	N/A

Soil chemical testing was undertaken on select samples analysing the determinants listed in **Table 2.12**.

**Table 2.12 Soil Laboratory Analysis**

Metals & Metalloids	In-Organics	Organics	Others
Arsenic	Cyanide	PAH	pH (acidity)
Cadmium	Sulphate		
Chromium VI			
Copper			
Lead			
Nickel			
Zinc			

No exceedances were found within the soil chemical test results in line with 2005 soil guideline values from CLEA and RISC.

## SECTION 3 Preliminary Human Health and Environmental Risk Assessment

### 3.1 General

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

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

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

### 3.2 Potential Sources of Contamination

Potential or known sources of contamination associated the sites current and historical land use are summarised in **Table 3.1**.

**Table 3.1 Contamination Sources**

ID	Source	Contaminant
S1	Made Ground in Southern Parcel	Metals, Semi-Metals, Polycyclic Aromatic Hydrocarbons (PAH), Petroleum Hydrocarbons, Asbestos
S2	PEAT and Quarry	Ground gas
S3	Bedrock	Radon Gas

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

### 3.3 Omitted Potential Sources

Two potential sources of contamination highlighted in the desk study have been excluded from further risk assessment. These are detailed in **Table 3.2**.

**Table 3.2 Omitted Contamination Sources**

Source	Reasoning
Pollution Incident to Controlled Waters	Given the date of the incident, the distance from site and the nature of the contaminants (Crude sewage) there is unlikely to have been a detrimental and lasting impact to the study site.
Crossing Garage and Tremont Garage	Given the distance from the site and the lower elevation of the garages in comparison to the site it is considered unlikely that contamination at these locations would impact the study site.

### 3.4 Potential Pollution Pathways

Potential contaminant pathways associated with a residential scenario with plant uptake development are as follows.

- P1 – Direct soil and dust ingestion
- P2 – Consumption of home grown produce
- P3 – Dermal contact
- P4 – Inhalation of dust and vapours
- P5 – Vertical migration of leachates (unsaturated zone)

- P6 – Horizontal and vertical migration of contaminants (saturated zone)
- P7 – Artificial contaminant pathway (borehole, pile, excavation etc)
- P8 – Surface run-off
- P9 – Plant uptake
- P10 – Horizontal and vertical migration of ground gasses and vapours
- P11 – Direct contact with construction materials
- P12 – Inhalation of asbestos fibres

### 3.5 Potential Receptors

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

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

### 3.6 Preliminary Conceptual Site Model

The preliminary conceptual site model establishes potential pollutant linkages between contaminants (source), pathways and receptors, realised during the preparation of the desk study report. Where a potential pollutant linkage is identified an assessment of risk is subsequently undertaken. The preliminary conceptual site model is tabulated in **Table 3.2**.

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

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



**Table 3.2 Preliminary Conceptual Site Model**

Source	Pathway	Receptor	Preliminary Risk Assessment		
			Consequence	Probability	Risk
<b>Human Health</b>					
Contaminated Soils S1	Direct soil and dust ingestion P1	Construction and maintenance workers R1	Medium	Low Likelihood	Medium Risk - COSHH assessment and good level of PPE/hygiene by site workers/ staff; dust suppression measures if required. Suitably designed site investigation recommended
	Dermal contact P3	Passers-by or neighbouring site users R3	Medium	Low Likelihood	Low Risk - Significant contamination is not anticipated, and dust suppression measures would likely prove effective against low levels of contamination. However, additional precautions may be required if ACMs are present within the made ground deposits.
	Inhalation of dust and vapours P4	Future site users R2	Medium	Likely	Medium Risk – Contamination could be expected within any potential made ground deposits that could be on site. Suitably designed site investigation recommended.
Radon Gas S3		Future site users R2	Medium	Likely	Medium Risk – Basic radon protection measures are recommended within the Envirocheck report for the site.
Ground Gas S2	Horizontal and vertical migration of ground gasses and vapours P10	Future site users R2 Construction and maintenance workers R1	Severe	Likely	High Risk – A ground gas monitoring program will be required where PEAT deposits are found and in the vicinity of the former quarry. A suitably designed ground gas monitoring scheme is recommended.
Impacted Groundwaters S1	Horizontal and vertical migration of contaminants (saturated zone) P6 Dermal contact P3	Construction and maintenance workers R1	Medium	Low Likelihood	Low Risk – Suitable PPE recommended when working in any potential made ground/contaminated soils during the construction period.
Contaminated Soils S1	Direct Contact P11	Construction materials (water pipes) R7	Mild	Low Likelihood	Low Risk: An appropriate water supply pipe material should be chosen after the potable water supplier has completed an assessment in accordance with UK Water Industry Research guidance; Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites, UKWIR Report Ref: 10/WM/03/21.
		Construction materials (concrete) R7	Mild	Low Likelihood	Low Risk - Chemical analysis of the soils should be undertaken and the appropriate classification of concrete should be specified as per BRE Special Digest 1: Concrete in Aggressive Ground.
<b>Aquatic Environment</b>					
Contaminated Soils S1	Vertical migration of leachates (unsaturated zone) P5	Groundwater (aquifer) R4 Surface waters (river/lake) R5	Mild	Low Likelihood	Low Risk – Depending on the presence of made ground on site and underlying superficial deposits, contamination could prove to be mobile into deeper underlying aquifers. A suitable site investigation should be designed to assess this risk.
	Surface run-off P8				
	Horizontal and vertical migration of contaminants (saturated zone) P6	Surface waters (river/lake) R5			

## SECTION 4 Anticipated Ground Conditions

### 4.1 Geology

Based on the available desk study information and previous site investigation, anticipated ground conditions at the site are summarised in **Table 4.1**.

**Table 4.1 Anticipated Ground Conditions**

Stratum	Depth (m)
Devensian diamicton till comprising various layers of gravelly sandy <b>CLAY</b> and/or sandy clayey <b>GRAVEL</b>	5.0-10.0
<b>Builth Mudstone Formation OR Gilwern Tuff Formation or Unnamed Igneous Intrusion</b>	>30.0

### 4.2 Groundwater

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

Groundwater may also be present within PEAT deposits and the drainage reeve within the northern parcel of land.

## SECTION 5 Preliminary Engineering Recommendations

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

### 5.1 Preparation of Site

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

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 for Transport (DfT) type 2 sub-base or similar should be used and compacted in layers to the requirements of the Specification for Highway Works.

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

In accordance with EC Regulation 1272/2008 and Environment Agency Guidance WM3 soils and other materials destined for off-site disposal should be classified 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. TFW Group Ltd offer this service if required.

### 5.2 Tentative Foundation and Floor Slab Solution

It is likely that in general traditional/semi traditional foundations will be suitable for the proposed development founded within the competent superficial deposits.

Should peat be encountered then depending upon its thickness a piled foundation solution may be required.

**All foundation and floor slab recommendations should be confirmed by a suitably designed site investigation.**

### 5.3 Excavations and Formations

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

Allowances should be made for encountering buried obstructions associated with the building which was formerly located on the boundary of the site.

The sides of any excavations deeper than 1.2m should be supported by planking and strutting or other proprietary means.

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

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

## **5.4 Protection of Buried Concrete**

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

Aggressive ground conditions may be encountered at the site.

It is recommended that soils are tested to facilitate a classification.

## **5.5 Storm Water Drainage**

It is unclear if soakaway drainage will be required for the proposed development.

Soakaway drainage may be feasible for the proposed development, though this will be dependent on the clay/silt content of the superficial deposits.

If required, the suitability of stormwater drainage should be confirmed by in-situ soakaway testing.

Proposed soakaways should be positioned at least 5.0m away from any existing or proposed structure.

## SECTION 6 Recommended Site Investigation

### 6.1 General

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

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

### 6.2 Intrusive Investigation

The following investigative methods and requirements should be employed in all areas of the site destined for redevelopment:

**Table 8.1 Recommended Intrusive Site Investigation**

Investigative Method	Purpose
Trial Pitting / Shallow Windowless Sampling Boreholes	<ul style="list-style-type: none"> <li>• Confirm shallow soil types and strengths, and define areas of any potential made ground and depths of made ground.</li> <li>• Confirm the presence and depth of shallow groundwater.</li> <li>• Install shallow wells for monitoring for ground gas (windowless sampling boreholes only).</li> <li>• Retrieve samples of shallow soils for contamination screening.</li> <li>• Retrieve samples for shallow groundwater for contamination screening.</li> </ul>
Soakaway testing to BRE365	<ul style="list-style-type: none"> <li>• To inform on the permeability of in-situ soils, and suitability for a soakaway storm water drainage solution.</li> </ul>
CBR Testing	<ul style="list-style-type: none"> <li>• To inform on required specification for new roads</li> </ul>

### 6.3 Soil Sampling Strategy

Soil sampling locations should be selected on a targeted basis to characterise the made ground anticipated to be on site and also on a non-targeted basis to characterise the wider site.

### 6.4 Recommended Soil Chemical Analysis

It is recommended that all soil samples are screened for the contaminants listed in **Table 8.2**.

**Table 8.2 Soil Laboratory Analysis**

Metals & Metalloids	In-Organics	Organics	Others
Arsenic	Cyanide	Phenols	pH (acidity)
Boron	Sulphate	Speciated PAH	Asbestos
Cadmium		Petroleum Hydrocarbons	
Chromium III			

Chromium VI			
Copper			
Lead			
Mercury			
Nickel			
Selenium			
Zinc			

Any natural soils underlying made ground may also need to be tested for the full suite including petroleum hydrocarbons.

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

## 6.5 Recommended Ground Gas Assessment

It is recommended that dedicated shallow gas wells be installed across any areas of future proposed development where significant depth of PEAT could be encountered and near the former quarry.

Installations should be tested for carbon dioxide, methane, oxygen, hydrogen sulphide and carbon monoxide using a suitable gas analyser. Atmospheric pressure, gas flow and groundwater levels should also be recorded.

With reference to CIRIA C665:2007 Tables 5.5a and 5.5b, it is considered that a gas monitoring program comprising 6 visits over a 3 month period will be sufficient, however, this may need to be extended if any concerns are raised during the initial monitoring period.

Several trenches should be undertaken where drainage reens are potentially infilled with unknown material. Total Organic Carbon testing should then be undertaken on any potentially infilled material found to determine if these present a gas risk.



**Annex A  
Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

322994750\_1\_1

**Customer Reference:**

17759JR

**National Grid Reference:**

306500, 262120

**Slice:**

A

**Site Area (Ha):**

4.66

**Search Buffer (m):**

1000

#### Site Details:

Site at 306440, 262060

#### Client Details:

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

Report Section	Page Number
Summary	-
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## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 4		1	1	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7			3	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8	Yes			
Pollution Incidents to Controlled Waters	pg 8		1	4	5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 10				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 10				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	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 12	6	10	26	57

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites	pg 23			1	
Historical Landfill Sites	pg 23			2	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 23			1	
Local Authority Landfill Coverage	pg 23	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 23			2	
Potentially Infilled Land (Non-Water)	pg 24		1	2	2
Potentially Infilled Land (Water)	pg 24				1
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Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 25	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 25	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 27		2	5	3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 29	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 29	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 29	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 30	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 30	Yes	n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 32		8	26	27
Fuel Station Entries	pg 37				2
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<b>Sensitive Land Use</b>					
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Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 46	1			
Forest Parks					
Local Nature Reserves	pg 46				1
Marine Nature Reserves					
National Nature Reserves					
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Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 46		1	1	1
Special Areas of Conservation	pg 46			1	
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (E)	0	1	306500 262119
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	0	1	306500 262119
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	0	1	306450 262100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	0	1	306500 261950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	0	1	306550 262150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	0	1	306600 262200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	21	1	306500 262150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	33	1	306700 262200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	49	1	306300 262119
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	64	1	306750 262250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	74	1	306250 261900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	82	1	306750 262200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	89	1	306750 262400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	95	1	306450 262400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	125	1	306500 261800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	130	1	306800 262400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	130	1	306200 261850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	139	1	306200 262050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	142	1	306500 261750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	158	1	306650 261950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	183	1	306300 261700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	199	1	306850 262450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	205	1	306350 262450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	208	1	306500 261700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	213	1	306700 262550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	215	1	306600 261750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	227	1	306100 261850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	233	1	306700 261850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	268	1	306750 261900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	268	1	306900 262500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	281	1	306750 261850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	288	1	306050 261800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	290	1	306400 262600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	307	1	306250 262500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	319	1	306750 262650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	325	1	306350 261550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	325	1	306450 261550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	329	1	306800 261850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	337	1	307000 262150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	346	1	306850 261900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	353	1	306750 261700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	375	1	306400 261500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	377	1	306850 261850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	382	1	306900 261900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	392	1	306950 261950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	393	1	306800 261700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SW (NE)	409	1	307000 262600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	424	1	306800 261650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	425	1	306750 261600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	427	1	306450 261450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	428	1	306800 262750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	429	1	305900 262119
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	433	1	306000 262300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	437	1	306700 261550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	441	1	305950 262150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	458	1	306800 261600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	462	1	305950 262250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	464	1	306750 261550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	472	1	306100 262550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	474	1	305900 262150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	474	1	305850 261900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SW (NE)	479	1	307000 262700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	481	1	306700 261500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (S)	483	1	306500 261400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	498	1	306050 262500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	499	1	306650 261450



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Watkins L H  Property Type: Livestock Production, Food Production  Location: Noyadd Farm Llandrindod Wells  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: Aw3000801  Permit Version: 1  Effective Date: 15th January 1965  Issued Date: 15th January 1965  Revocation Date: 16th January 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ithon River  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	205	2	306750 262000
2	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Water Supply Grid  Location: Llanfawr  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0202101  Permit Version: 1  Effective Date: 2nd October 1989  Issued Date: 2nd October 1989  Revocation Date: 14th March 1994  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Soakaway  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	258	2	306600 261700
3	<p><b>Discharge Consents</b></p> <p>Operator: Esso Petroleum Co Ltd  Property Type: Undefined Or Other  Location: Llandrindod Wells Bulk Plant-Oil In, Bulk Plant-Oil Interceptor  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: Aw4002801  Permit Version: 1  Effective Date: 6th August 1973  Issued Date: 6th August 1973  Revocation Date: 4th May 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ithon River  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	505	2	306000 261500
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Water Supply Grid  Location: Neuadd (Nos.1 &amp; 2)  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0205301  Permit Version: 1  Effective Date: 2nd October 1989  Issued Date: 2nd October 1989  Revocation Date: 14th March 1994  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Soakaway  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	532	2	307200 262200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Water Treatment Works  Location: Llandrindod Wells Wtw  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: Aw4003406  Permit Version: 1  Effective Date: 14th August 1972  Issued Date: 14th August 1972  Revocation Date: 21st September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Irfon River  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	674	2	305900 262600
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Cso At Ithon Road, Llandrindod Wells, Adj 15 Crabtree Green, Powys, Ld1 6ep  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0076201  Permit Version: Not Supplied  Effective Date: 22nd June 2020  Issued Date: 22nd June 2020  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ithon  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (NW)	722	2	305748 262444
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Crabtree Green Ps  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: An0038701  Permit Version: 2  Effective Date: 31st March 2008  Issued Date: 24th March 2005  Revocation Date: 31st March 2007  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Ithon  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (NW)	737	2	305730 262440
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Crabtree Green Ps  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: AN0038701  Permit Version: 1  Effective Date: 18th November 1988  Issued Date: 18th November 1988  Revocation Date: 30th March 2008  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ithon  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (NW)	737	2	305730 262440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Baird-Murray D S  Property Type: Undefined Or Other  Location: Hotel Metropole Swimming Pool Lla, Llandrindod Wells  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: Aw2000901  Permit Version: 1  Effective Date: 2nd May 1977  Issued Date: 2nd May 1977  Revocation Date: 19th October 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Rock Park Brook  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	785	2	306050 261150
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Ithon Road, Llandrindod Wells, Llandrindod Wells - Ithon Road, Ld1 6ep  Authority: Natural Resources Wales  Catchment Area: ITHON - CONF CAMDDWR BK TO CONF R WYE  Reference: An0076201  Permit Version: 2  Effective Date: 8th September 2010  Issued Date: 8th September 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Arlais Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	947	2	305550 262550
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Ithon Road, Llandrindod Wells, Llandrindod Wells - Ithon Road, Ld1 6ep  Authority: Natural Resources Wales  Catchment Area: ITHON - CONF CAMDDWR BK TO CONF R WYE  Reference: An0076201  Permit Version: 2  Effective Date: 8th September 2010  Issued Date: 8th September 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Arlais Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	947	2	305550 262550
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Ithon Road, Llandrindod Wells, Llandrindod Wells - Ithon Road, Ld1 6ep  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: AN0076201  Permit Version: 1  Effective Date: 20th October 1989  Issued Date: 20th October 1989  Revocation Date: 7th September 2010  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Arlais Brook  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	947	2	305550 262550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Opposite Lodore, Off Ithon Road (A4081), Llandrindod Wells  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: An0014801  Permit Version: 3  Effective Date: 29th March 2007  Issued Date: 29th March 2007  Revocation Date: 30th March 2010  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Ithon  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	992	2	305500 262550
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Opposite Lodore, Off Ithon Road (A4081), Llandrindod Wells  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: An0014801  Permit Version: 2  Effective Date: 31st March 2005  Issued Date: 31st March 2005  Revocation Date: 28th March 2007  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Ithon  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	992	2	305500 262550
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Opposite Lodore, Off Ithon Road (A4081), Llandrindod Wells  Authority: Natural Resources Wales  Catchment Area: River Wye  Reference: AN0014801  Permit Version: 1  Effective Date: 28th July 1986  Issued Date: 28th July 1986  Revocation Date: 30th March 2005  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Not Supplied  Environment:  Receiving Water: Ithon  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	992	2	305500 262550
9	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Tesco Filling Station  Location: Waterloo Road, Llandrindod Wells, Powys, LD1 3BH  Authority: Powys County Council, Public Protection Department  Permit Reference: PCC 16  Dated: Not Supplied  Process Type: Local Authority Pollution Prevention and Control  Description: PG1/14 Petrol filling station  <b>Status: Permitted</b>  Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	480	3	305895 261674
10	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Lindale &amp; Chambers  Location: Unit 2 Ddole Road Industrial Estate, LLANDRINDOD WELLS, Powys, LD1 6DF  Authority: Powys County Council, Public Protection Department  Permit Reference: EPA 18/8  Dated: 28th July 1995  Process Type: Local Authority Air Pollution Control  Description: PG6/10 Coating manufacturing  <b>Status: Authorisation revoked</b>  Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	481	3	306057 262464

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Lindale &amp; Chambers            Location: Unit 2 Ddole Road Industrial Estate, LLANDRINDOD WELLS, Powys, LD1 6DF            Authority: Powys County Council, Public Protection Department            Permit Reference: EPA 10/8            Dated: 1st July 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/2 Manufacture of timber and wood-based products  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	481	3	306057 262464
11	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Eric Evans Car Sales            Location: Station Crescent, Llandrindod Wells            Authority: Powys County Council, Public Protection Department            Permit Reference: EPA 22/2            Dated: 28th March 1994            Process Type: Local Authority Air Pollution Control            Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A7SE (SW)	706	3	305937 261298
	<p><b>Nearest Surface Water Feature</b></p>	A13NE (NE)	0	-	306616 262233
12	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Behind Gros Farm Estate            Authority: Environment Agency, Welsh Region            Pollutant: Crude Sewage            Note: Accidental Spillage/Leakage            Incident Date: 23rd July 1996            Incident Reference: 29477            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Leakage            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	208	4	306500 261700
13	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Cattle Yard Washings            Note: Poor Management Control            Incident Date: 14th May 1996            Incident Reference: 28830            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Direct Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	272	4	306300 262495
13	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Cattle Yard Washings            Note: Poor Operational Practise            Incident Date: 14th May 1996            Incident Reference: 28830            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Direct Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	274	4	306300 262500
14	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Land            Location: The Laurels            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 7th May 1991            Incident Reference: 1179            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Direct Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	329	4	306000 261945



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Land            Location: Nos 8 9 10 11, Brookland Road            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 12th June 1991            Incident Reference: 1728            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Direct Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	330	4	306000 261950
15	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Crude Sewage            Note: Not Supplied            Incident Date: 15th April 1997            Incident Reference: 32563            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	520	4	305850 262100
16	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Unknown; River Ithon            Incident Date: 7th July 1998            Incident Reference: 36265            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	525	4	305950 262400
17	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Road (Lost Load)            Location: Stream In Rock Park, LLANDRINDOD            Authority: Environment Agency, Welsh Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Accidental Spillage/Leakage            Incident Date: 11th March 1991            Incident Reference: 306            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Leakage            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	586	4	306000 261400
18	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Farm Effluent/Slurry            Note: Not Supplied            Incident Date: 31st March 1995            Incident Reference: 23136            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	723	4	305750 262450
19	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Gorse Farm Estate            Authority: Environment Agency, Welsh Region            Pollutant: Chemicals - Other Inorganic            Note: Natural Occurrence            Incident Date: 9th April 1997            Incident Reference: 32176            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Natural Causes            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A2NE (SW)	943	4	306000 261000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Ithon GQA Grade: River Quality B Reach: Outlet Llandrindod Stw-Conf.Clywedog Bk. Estimated Distance (km): 8 Flow Rate: Flow less than 10 cumecs Flow Type: River Year: 2000	A12NE (NW)	538	4	305933 262401
	<b>Water Abstractions</b> Operator: Messrs S L Dobbin & Helliwell Licence Number: 19/55/4/0016 Permit Version: 100 Location: Well At Cwmgwyn Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SE (E)	1380	4	308060 262470
	<b>Water Abstractions</b> Operator: Mrs M Thompson Licence Number: 19/55/4/0086 Permit Version: 100 Location: Well At Glanithon Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1666	4	305870 263870
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial No Data Recharge: Superficial	A13NE (N)	0	2	306516 262162
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial No Data Recharge: Superficial	A13SE (SE)	0	2	306529 262101

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13NW (NW)	0	2	306500 262119
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SW (S)	0	2	306470 262000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SW (S)	0	2	306500 262000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A13NW (NW)	0	2	306500 262119
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	2	306500 262119
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A13NE (N)	0	2	306516 262162
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 169.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (SE)	0	5	306508 262110
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 69.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (N)	0	5	306539 262331
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 127.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	0	5	306616 262240
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 237.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (N)	0	5	306539 262331
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	0	5	306616 262233
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	0	5	306616 262240
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (N)	54	5	306509 262390
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 100.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NW (N)	70	5	306503 262405
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 140.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	76	5	306687 262416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A13NE (NE)	93	5	306810 262248
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	165	5	306468 262493
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	202	5	306445 262524
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 223.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14NW (NE)	234	5	306895 262442
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	241	5	306429 262560
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	248	5	306439 262571
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 353.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SE (NE)	250	5	306754 262579
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 285.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SE (NE)	251	5	306741 262585
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	283	5	306421 262601

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	288	5	306432 262610
39	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	311	5	306452 262640
40	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	311	5	306452 262640
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 384.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SW (N)	319	5	306442 262645
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 47.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SE (N)	429	5	306555 262766
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18SE (N)	429	5	306555 262766
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A12NE (W)	431	5	306006 262309
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 623.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A12SE (W)	443	5	305879 262020
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A12NE (NW)	460	5	305990 262341



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 537.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A9NW (SE)	472	5	306920 261757
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	476	5	306556 262813
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 103.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	476	5	306556 262813
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 25.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	482	5	306549 262819
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	483	5	307029 262678
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	483	5	307031 262676
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	484	5	307027 262682
54	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	489	5	307039 262677
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	489	5	306655 262826

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 306.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	490	5	306745 262826
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 63.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	493	5	307075 262641
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	493	5	307011 262709
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 72.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	493	5	307011 262709
60	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	494	5	307060 262661
61	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	498	5	307049 262679
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	501	5	306531 262837
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 139.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A12NE (NW)	510	5	305947 262365
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 699.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A12NE (NW)	510	5	305947 262365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	513	5	307108 262630
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	518	5	307114 262629
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 215.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	527	5	306981 262774
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 34.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	532	5	306512 262868
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 301.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NW (SW)	566	5	305800 261676
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 240.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NE (N)	566	5	306508 262903
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A12NE (W)	578	5	305838 262282
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 309.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A8SE (S)	597	5	306692 261356
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 126.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A8SE (S)	601	5	306692 261356

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A12NW (W)	621	5	305805 262320
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 2	A12NW (W)	621	5	305804 262316
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 309.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A8SW (S)	624	5	306447 261229
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 602.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A12NW (W)	634	5	305801 262348
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 115.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A8SW (S)	636	5	306182 261262
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 79.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A8SE (S)	645	5	306804 261370
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A8SW (S)	647	5	306450 261234
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 219.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SE (NE)	665	5	307267 262660
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NW (N)	665	5	306400 262991

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 106.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NW (N)	670	5	306399 262996
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 90.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	698	5	306883 261358
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 120.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	698	5	306883 261358
86	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	738	5	306996 261399
87	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	742	5	307001 261401
88	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	742	5	307001 261401
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	743	5	307006 261403
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	746	5	307013 261406
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 72.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A7SE (S)	748	5	306121 261163

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 97.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	760	5	307050 261425
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A18NW (N)	764	5	306411 263093
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 153.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	775	5	306906 261281
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A7SE (S)	813	5	306123 261095
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 689.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A23SW (N)	817	5	306402 263145
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 540.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ieithon Catchment Name: Wye Primacy: 1	A23SW (N)	818	5	306416 263148
98	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A2NE (S)	818	5	306123 261090
99	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 372.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19NW (NE)	830	5	307057 263080
100	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19NE (NE)	837	5	307212 262989



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	839	5	307148 261420
102	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	856	5	307166 261417
103	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19NW (NE)	863	5	307176 263048
104	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (SE)	865	5	307179 261418
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 103.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A2NE (S)	867	5	306107 261044
106	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 145.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SE (SE)	874	5	307191 261419
107	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 130.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SW (S)	880	5	306864 261134
108	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 177.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A3NE (S)	906	5	306563 260983
109	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 323.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pentre Brook Catchment Name: Wye Primacy: 1	A17NE (NW)	917	5	305857 262971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 85.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A2NE (S)	927	5	306156 260969
111	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 120.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A2NE (S)	927	5	306156 260969
112	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 171.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A3NW (S)	958	5	306255 260922
113	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 674.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A20SW (NE)	967	5	307573 262732
114	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 121.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A24SW (NE)	970	5	307095 263217
115	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 134.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Arlais Brook Catchment Name: Wye Primacy: 1	A2NE (S)	970	5	306074 260946
116	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A4NW (S)	995	5	306909 261027
117	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 349.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A4NW (S)	995	5	306909 261027
118	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 187.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A9SE (SE)	996	5	307337 261421

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	<b>BGS Recorded Landfill Sites</b> Site Name: Hill Cottage Civic Amenities Location: LLANDRINDOD WELLS, Powys Authority: British Geological Survey, National Geoscience Information Service Ground Water: No threat to ground water Surface Water: No threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A12SE (W)	353	-	306024 262083
120	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Llandrindod Wells, Powys Name: Hill Cottage Civic Amenities Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31225 First Input Date: 31st December 1940 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2615 Other Ref: CS13/15	A12SE (W)	353	2	306024 262083
121	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Llandindod Wells, Powys Name: Ddole Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34466 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: CS13/14	A12NE (W)	376	2	306055 262283
122	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: AB3091CN Location: Llandrindod Wells HWRC, Waterloo Road, Llandrindod Wells, Powys, LD1 6BH Operator Name: Sundorne Products ( Llanidloes) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Non-hazardous & hazardous HWA Site <b>Licence Status: Effective</b> Issued: 26th November 2015 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	A12SE (SW)	428	2	305897 261860
	<b>Local Authority Landfill Coverage</b> Name: Powys County Council - Has supplied landfill data		0	6	306500 262119
123	<b>Local Authority Recorded Landfill Sites</b> Location: Ddole Roundabout Reference: CS13/15 Authority: Powys County Council <b>Last Reported Status: Unknown</b> Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A12SE (W)	363	6	305987 262022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	<b>Local Authority Recorded Landfill Sites</b> Location: Ddole Road Reference: CS13/14 Authority: Powys County Council <b>Last Reported Status: Unknown</b> Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A12NE (W)	376	6	306055 262283
125	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8NW (S)	231	-	306390 261646
126	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (NE)	268	-	306932 262443
127	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12NE (W)	369	-	305974 262121
128	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SW (NE)	532	-	307058 262718
129	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A3NW (S)	961	-	306492 260923
130	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1891	A7SW (SW)	888	-	305624 261341

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Wenlock Rocks (Undifferentiated)	A13NW (NW)	0	1	306500 262119
	<b>BGS 1:625,000 Solid Geology</b> Description: Unnamed Igneous Intrusion, Ordovician To Silurian	A13NE (SE)	0	1	306514 262112
	<b>BGS Estimated Soil Chemistry</b> 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:	A13NW (NW)	0	1	306500 262119
	<b>BGS Estimated Soil Chemistry</b> 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:	A13NE (NE)	29	1	306644 262362
	<b>BGS Estimated Soil Chemistry</b> 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:	A19SW (NE)	332	1	307000 262446
	<b>BGS Estimated Soil Chemistry</b> 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:	A14NW (NE)	340	1	307023 262383
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (S)	374	1	306251 261515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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:	A19SW (NE)	415	1	307000 262610
	<b>BGS Estimated Soil Chemistry</b> 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:	A19SW (NE)	472	1	307000 262691
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	594	1	306598 261323
	<b>BGS Estimated Soil Chemistry</b> 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:	A19NW (NE)	665	1	307166 262798
	<b>BGS Estimated Soil Chemistry</b> 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:	A19SE (NE)	695	1	307241 262757
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	767	1	305795 262601



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> 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:	A19SE (NE)	788	1	307357 262751
	<b>BGS Estimated Soil Chemistry</b> 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:	A3NW (S)	951	1	306202 260936
131	<b>BGS Recorded Mineral Sites</b> Site Name: Noyadd Location: Llanyre, Llandrindod Wells, Powys Source: British Geological Survey, National Geoscience Information Service Reference: 103727 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Ordovician Geology: Unnamed Igneous Intrusion, Ordovician Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A13SE (E)	159	1	306729 262044
132	<b>BGS Recorded Mineral Sites</b> Site Name: Llanfawr Quarry Location: Llandrindod Wells, Powys Source: British Geological Survey, National Geoscience Information Service Reference: 9736 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Ordovician Geology: Gilwern Volcanic Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	209	1	306520 261710
133	<b>BGS Recorded Mineral Sites</b> Site Name: Wern-Goch Location: Llanyre, Llandrindod Wells, Powys Source: British Geological Survey, National Geoscience Information Service Reference: 103714 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Ordovician Geology: Gilwern Volcanic Formation Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	254	1	306915 262447
134	<b>BGS Recorded Mineral Sites</b> Site Name: Llanfawr Location: Llandrindod Wells, Powys Source: British Geological Survey, National Geoscience Information Service Reference: 24427 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Ordovician Geology: Unnamed Igneous Intrusion, Ordovician Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A8NW (S)	265	1	306355 261610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Llanfawr            Location: Llandrindod Wells, Powys            Source: British Geological Survey, National Geoscience Information Service            Reference: 24426            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Ordovician            Geology: Unnamed Igneous Intrusion, Ordovician            Commodity: Igneous and Metamorphic Rock            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	314	1	306260 261575
136	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Tan-Y-Graig            Location: Llandrindod Wells, Powys            Source: British Geological Survey, National Geoscience Information Service            Reference: 103737            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Ordovician            Geology: Gilwern Volcanic Formation            Commodity: Igneous and Metamorphic Rock            Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	336	1	306969 262097
137	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Telwyn            Location: Llanyre, Llandrindod Wells, Powys            Source: British Geological Survey, National Geoscience Information Service            Reference: 103720            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Ordovician            Geology: Unnamed Igneous Intrusion, Ordovician            Commodity: Igneous and Metamorphic Rock            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	431	1	307056 262558
138	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Wern-Goch            Location: Llanyre, Llandrindod Wells, Powys            Source: British Geological Survey, National Geoscience Information Service            Reference: 103713            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Ordovician            Geology: Unnamed Igneous Intrusion, Ordovician            Commodity: Igneous and Metamorphic Rock            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	524	1	307046 262719
139	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Old Barn            Location: Gorse, Llandrindod Wells, Powys            Source: British Geological Survey, National Geoscience Information Service            Reference: 103730            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Ordovician            Geology: Gilwern Volcanic Formation            Commodity: Igneous and Metamorphic Rock            Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	596	1	306738 261390
140	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Southfield House            Location: Gorse, Llandrindod Wells, Powys            Source: British Geological Survey, National Geoscience Information Service            Reference: 103731            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Ordovician            Geology: Unnamed Igneous Intrusion, Ordovician            Commodity: Igneous and Metamorphic Rock            Positional Accuracy: Located by supplier to within 10m</p>	A3NW (S)	959	1	306490 260925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	306551 262089
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	306516 262162
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	306516 262162
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	306485 261961
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	131	1	306504 261788
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	306520 262109
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	306398 261902
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	306529 262101
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	306590 262153
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	20	1	306595 262120
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	25	1	306568 261983
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	29	1	306688 262206
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	90	1	306771 262283

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	114	1	306797 262364
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	119	1	306654 262027
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	134	1	306583 261832
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	136	1	306430 261750
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	152	1	306819 262411
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NW (E)	195	1	306877 262266
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NW (E)	200	1	306843 262148
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NW (NE)	219	1	306893 262409
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	240	1	306576 261705
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SE (SW)	248	1	306078 261855
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	306529 262101
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	131	1	306504 261788
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	306529 262101
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	306525 262119
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	306500 262119
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	306550 262275
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	306525 262119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (NW)	0	1	306500 262119
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (N)	0	1	306550 262275

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Jon Proudman Plumbing &amp; Heating            Location: 29, Hernog Close, Tremont Park, Llandrindod Wells, Powys, LD1 5BA            Classification: Boilers - Servicing, Replacements &amp; Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	133	-	306413 262260
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Crossing Garage            Location: Tremont Road, Llandrindod Wells, Powys, LD1 5BH            Classification: Garage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	178	-	306198 262052
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Matador            Location: Unit 1, Heart of Wales Business Park, Llandrindod Wells, Powys, LD1 5AB            Classification: Tyre Dealers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	200	-	306545 262536
144	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: John Davies            Location: Tremont Road, Llandrindod Wells, Powys, LD1 5BH            Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	207	-	306157 262017
144	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tremont Garage            Location: Tremont Road, Llandrindod Wells, Powys, LD1 5BH            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	207	-	306157 262017
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Radnorshire Coal Co            Location: Gwenfron, Tremont Road, Llandrindod Wells, Powys, LD1 5EB            Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	211	-	306118 261842
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tremont Ford            Location: Knills Filling Station, Tremont Road, LLANDRINDOD WELLS, Powys, LD1 5EB            Classification: Car Dealers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	213	-	306132 261797
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tremont Ford            Location: Knills Filling Station, Tremont Road, Llandrindod Wells, Powys, LD1 5EB            Classification: Car Dealers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	213	-	306132 261797
146	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Performance Clothing            Location: Unit 5, Heart of Wales Business Park, Llandrindod Wells, Powys, LD1 5AB            Classification: Textile Manufacturing            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	263	-	306558 262599
147	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S P O Group Ltd            Location: Waterloo Road, Llandrindod Wells, Powys, LD1 6BH            Classification: Precision Engineers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	339	-	305994 261810
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G C Engineering            Location: Unit 18, Ddole Rd Ind Est, Llandrindod Wells, Powys, LD1 6DF            Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (NW)	348	-	306238 262540



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Brian Golding            Location: Unit 17, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Cabinet Makers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	351	-	306242 262550
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Aftershock Prints            Location: Unit 17, Ddole Road Industrial Estate, Llandrindod Wells, LD1 6DF            Classification: T-Shirts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	353	-	306239 262549
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Coopers Carriers            Location: Unit 37, Ddole Road Industrial Estate, LLANDRINDOD WELLS, Powys, LD1 6DF            Classification: Freight Forwarders  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	381	-	306235 262589
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Essanti Textiles            Location: Unit 14, Ddole Road Industrial Estate, LLANDRINDOD WELLS, Powys, LD1 6DF            Classification: Footwear Manufacturers &amp; Wholesale  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	389	-	306202 262560
149	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mivop Cleaning Services Ltd            Location: 1, Ddole Road, Llandrindod Wells, LD1 6PF            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	358	-	306035 262153
150	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Boys &amp; Boden            Location: WATERLOO ROAD, LLANDRINDOD WELLS, LD1 6BH            Classification: Builders' Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	383	-	305966 261751
151	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Toolstation            Location: UNIT 4, DDOLE INDUSTRIAL ESTATE ROAD, LLANDRINDOD WELLS, LD1 6DF            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	385	-	306155 262458
152	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tremont Refrigeration            Location: Unit 9, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Domestic Appliances - Servicing, Repairs &amp; Parts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	399	-	306169 262526
152	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Shire Foods            Location: Unit 13, Ddole Rd Ind Est, Llandrindod Wells, Powys, LD1 6DF            Classification: Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (NW)	405	-	306185 262564
153	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hay &amp; Brecon Farmers Ltd            Location: Station Yard, Llandrindod Wells, Powys, LD1 5BE            Classification: Agricultural Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	417	-	306035 261587
153	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hay &amp; Brecon Farmers Ltd            Location: Station Yard, Llandrindod Wells, LD1 5BE            Classification: Agricultural Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	428	-	306031 261577

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tim Gittoes Agricultural Parts            Location: STATION CRESCENT, LLANDRINDOD WELLS, LD1 5BE            Classification: Agricultural Merchants            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	428	-	306031 261577
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A E Gough &amp; Sons            Location: Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Road Haulage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	424	-	306080 262405
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ats Euromaster Ltd            Location: WATERLOO INDUSTRIAL ESTATE ROAD, LLANDRINDOD WELLS, LD1 6BH            Classification: Tyre Dealers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	442	-	305888 261814
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Aryma            Location: Unit 7, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Wood Products, Except Furniture - Manufacturers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	458	-	306091 262497
157	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Huws Gray Building Materials Centre            Location: Waterloo Road, Llandrindod Wells, Powys, LD1 6BH            Classification: Builders' Merchants            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	458	-	305971 261597
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Watkins Soap Company Ltd            Location: Waterloo Road, Llandrindod Wells, Powys, LD1 6BH            Classification: Cosmetic Manufacturers            Status: <b>Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A7NE (SW)	461	-	305901 261706
159	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Llandrindod Wells War Memorial Hospital            Location: Temple Street, Llandrindod Wells, Powys, LD1 5HF            Classification: Hospitals            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	466	-	306095 261482
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Sales &amp; Service Centre Ltd            Location: Unit 8, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Car Dealers - Used            Status: <b>Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	467	-	306132 262596
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lindale &amp; Chambers Ltd            Location: Unit 24, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Furniture Manufacturers - Home &amp; Office            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	470	-	306137 262608
161	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Faire Bros &amp; Co            Location: Faire Brothers Ltd, Elan House, Waterloo Industrial Estate Road, Llandrindod Wells, LD1 6BH            Classification: Stationery Manufacturers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	497	-	305898 261632
161	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premier Grip            Location: Premier House, Waterloo Road, Llandrindod Wells, LD1 6BH            Classification: Stationery Manufacturers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	497	-	305898 261632

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Skye Instruments Ltd            Location: Unit 21, Ddole Road Industrial Estate, LLANDRINDOD WELLS, Powys, LD1 6DF            Classification: Scientific Apparatus &amp; Instruments - Manufacturers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	497	-	306089 262582
163	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R J J &amp; G M Hogben            Location: Crossgates, Llandrindod Wells, Powys, LD1 5SL            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	516	-	306675 262854
164	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Eric Evans Car Sales Ltd            Location: Station Yard, LLANDRINDOD WELLS, Powys, LD1 5BE            Classification: Car Dealers - Used            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	534	-	305989 261473
165	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S P Filling Systems Ltd            Location: Unit 28, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Packaging &amp; Wrapping Equipment &amp; Supplies            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	568	-	306086 262702
166	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Domestic Cleaning Service            Location: 1, Penybryn, Hillcrest Drive, Llandrindod Wells, Powys, LD1 6DS            Classification: Cleaning Services - Domestic            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	592	-	305742 261993
167	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tom'S Mowers &amp; Garden Supplies            Location: T HIRE, CROSSGATES, LLANDRINDOD WELLS, LD1 5SL            Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	600	-	306581 262936
168	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Viking Motors            Location: Temple Street, Llandrindod Wells, Powys, LD1 5HF            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A7SE (SW)	601	-	306048 261354
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Paul Watkins &amp; Sons Cleaning Services            Location: Camelot, Hillcrest Drive, Llandrindod Wells, Powys, LD1 6DG            Classification: Cleaning Services - Domestic            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	617	-	305755 262126
170	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pearce Step &amp; Stair            Location: 80, LANT AVENUE, LLANDRINDOD WELLS, LD1 5EH            Classification: Ladder Manufacturers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	618	-	306508 261273
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tesco Petrol Filling Station            Location: PETROL FILLING STATION, WATERLOO ROAD, LLANDRINDOD WELLS, LD1 6BH            Classification: Petrol Filling Stations            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	643	-	305859 261444
172	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Marches Windows            Location: Unit 33, Ddole Road Industrial Estate, Llandrindod Wells, Powys, LD1 6DF            Classification: Window Frames - Sales &amp; Service            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	666	-	306036 262794

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Marches Windows            Location: Unit 33, Ddole Road Industrial Estate, Llandrindod Wells, LD1 6DF            Classification: Window Frames - Sales &amp; Service  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	669	-	306032 262794
173	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Autotec            Location: Temple Street, Llandrindod Wells, Powys, LD1 5HF            Classification: Car Engine Tuning &amp; Diagnostic Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	685	-	306059 261256
174	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pritchard &amp; Sons            Location: Central Garage, Station Crescent, Llandrindod Wells, Powys, LD1 5BB            Classification: Petrol Filling Stations  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	692	-	305997 261278
174	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Car Shop On The Corner Ltd            Location: STATION CRESCENT, LLANDRINDOD WELLS, LD1 5BB            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	702	-	305997 261266
174	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Llandrindod Tyres            Location: Station Crescent, Llandrindod Wells, LD1 5BB            Classification: Tyre Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	711	-	305987 261262
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ithon Valley Heating Ltd            Location: Unit 2, Old Town Hall Workshops, Temple Street, Llandrindod Wells, Powys, LD1 5DL            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	748	-	306065 261184
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Midwales Glass Engravers            Location: Unit 1, Old Town Hall Workshops, Temple Street, Llandrindod Wells, Powys, LD1 5DL            Classification: Glass Engravers &amp; Decorators  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	748	-	306065 261184
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Vertex A Q            Location: Unit 6, Old Town Hall Workshops, Temple Street, Llandrindod Wells, Powys, LD1 5DL            Classification: Hi-Fi Equipment Manufacturers &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	753	-	306076 261174
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Temple Cars            Location: Temple Garage, Temple St, Llandrindod Wells, Powys, LD1 5HF            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A7SE (SW)	766	-	306025 261182
176	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sayce Brothers            Location: Caxton House, High Street, Llandrindod Wells, Powys, LD1 6AG            Classification: Printers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SW (SW)	808	-	305819 261257
176	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R J S            Location: The Garage, Oxford Road, Llandrindod Wells, Powys, LD1 6AH            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SW (SW)	849	-	305775 261240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	<b>Contemporary Trade Directory Entries</b> Name: Paragon Laundry Ltd Location: Middleton St, Llandrindod Wells, Powys, LD1 5DG Classification: Laundries & Launderettes Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	818	-	305928 261172
177	<b>Contemporary Trade Directory Entries</b> Name: Knill Location: Burlington House, Middleton Street, Llandrindod Wells, LD1 5ET Classification: Hardware Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	830	-	305910 261169
177	<b>Contemporary Trade Directory Entries</b> Name: Bradleys Home Hardware Location: Llanfair House, Middleton Street, Llandrindod Wells, Powys, LD1 5ET Classification: Hardware Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	851	-	305903 261149
178	<b>Contemporary Trade Directory Entries</b> Name: Wyewood Location: Temple St, Llandrindod Wells, Powys, LD1 5DL Classification: Joinery Manufacturers Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A2NE (SW)	921	-	306034 261010
179	<b>Contemporary Trade Directory Entries</b> Name: Powerprint Location: Oxford Chambers, High Street, Llandrindod Wells, Powys, LD1 6AG Classification: Printers Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A7SW (SW)	925	-	305754 261160
180	<b>Contemporary Trade Directory Entries</b> Name: Kit N Kaboodle Location: Park Cr, Llandrindod Wells, Powys, LD1 6AB Classification: Reclamation Centres Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A2NW (SW)	982	-	305751 261090
181	<b>Fuel Station Entries</b> Name: Tesco Llandrindod Wells Location: Waterloo Road , , Llandrindod Wells, Powys, LD1 6BG Brand: Tesco Premises Type: Hypermarket Status: <b>Open</b> Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	642	-	305860 261445
182	<b>Fuel Station Entries</b> Name: Pritchard And Sons Location: Station Crescent , , Llandrindod Wells, Powys, LD1 5BB Brand: Unbranded Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	692	-	305997 261278
183	<b>Points of Interest - Commercial Services</b> Name: Tremont Garage Ltd Location: Drama Centre, Tremont Road, Llandrindod Wells, LD1 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	176	7	306153 261928
184	<b>Points of Interest - Commercial Services</b> Name: Crossing Garage Location: Tremont Road, Llandrindod Wells, LD1 5BH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (W)	180	7	306195 262053
185	<b>Points of Interest - Commercial Services</b> Name: Tremont Garage Location: Knills Filling Station, Tremont Road, Llandrindod Wells, LD1 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	213	7	306132 261797

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: Coopers Carriers            Location: Unit 15/16, Ddole Road Industrial Estate, Llandrindod Wells, LD1 6DF            Category: Transport, Storage and Delivery            Class Code: Distribution and Haulage            Positional Accuracy: Positioned to address or location</p>	A18SW (NW)	381	7	306235 262589
187	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: A E Gough &amp; Sons            Location: Haulage Yard and Premises, Ddole Industrial Estate Road, Llandrindod Wells, LD1 6DF            Category: Transport, Storage and Delivery            Class Code: Distribution and Haulage            Positional Accuracy: Positioned to address or location</p>	A12NE (NW)	424	7	306080 262404
187	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: A E Gough &amp; Sons            Location: Ddole Road Industrial Estate, Llandrindod Wells, LD1 6DF            Category: Transport, Storage and Delivery            Class Code: Distribution and Haulage            Positional Accuracy: Positioned to address or location</p>	A12NE (NW)	425	7	306080 262405
187	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: So Cool Classic Cars Ltd            Location: Unit 2-4, Ddole Road Industrial Estate, Llandrindod Wells, LD1 6DF            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A17SE (NW)	480	7	306058 262464
188	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: The Sales &amp; Service Centre            Location: Unit 8, Ddole Industrial Estate Road, Llandrindod Wells, LD1 6DF            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A17SE (NW)	460	7	306094 262508
189	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: Auto Pro Glow            Location: 30 Loncwm, Llandrindod Wells, LD1 6BE            Category: Personal, Consumer and other Services            Class Code: Vehicle Cleaning Services            Positional Accuracy: Positioned to address or location</p>	A12SE (W)	473	7	305853 261922
190	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: R J J &amp; G M Hogben            Location: Werngoch Workshop, Penybont Road, Crossgates, Llandrindod Wells, LD1 5SL            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A18NE (N)	478	7	306708 262815
190	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: R J J Hogben            Location: Crossgates, Llandrindod Wells, LD1 5SL            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A18NE (N)	516	7	306675 262854
191	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: S J Diagnostic            Location: 90 Holcombe Drive, Llandrindod Wells, LD1 6DP            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A12SW (SW)	546	7	305787 261793
192	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: Autotec            Location: Temple Street, Llandrindod Wells, LD1 5HF            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A7SE (SW)	685	7	306059 261255
192	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: The Car Shop on the Corner Ltd            Location: Station Crescent, Llandrindod Wells, LD1 5BB            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A7SE (SW)	703	7	305997 261266



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	<b>Points of Interest - Commercial Services</b> Name: R J S Location: The Garage, Oxford Road, Llandrindod Wells, LD1 6AH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SW (SW)	849	7	305775 261240
193	<b>Points of Interest - Commercial Services</b> Name: R J S Location: The Garage, Oxford Road, Llandrindod Wells, LD1 6AH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7SW (SW)	850	7	305775 261239
194	<b>Points of Interest - Education and Health</b> Name: Llandrindod Wells Hospital Location: Temple Street, Llandrindod Wells, LD1 5HF Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NE (SW)	466	7	306095 261482
194	<b>Points of Interest - Education and Health</b> Name: Llandrindod Wells County War Memorial Hospital Location: Temple Street, Llandrindod Wells, LD1 5HF Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NE (SW)	466	7	306095 261482
194	<b>Points of Interest - Education and Health</b> Name: Llandrindod Wells Hospital Location: Temple Street, Llandrindod Wells, LD1 5HF Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A7NE (SW)	469	7	306083 261486
195	<b>Points of Interest - Manufacturing and Production</b> Name: Workings (Dis) Location: LD1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	139	7	306513 261792
195	<b>Points of Interest - Manufacturing and Production</b> Name: Quarry Location: LD1 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	177	7	306478 261724
195	<b>Points of Interest - Manufacturing and Production</b> Name: J R Williams Location: Shadey View, Llandrindod Wells, LD1 5PF Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NW (S)	233	7	306451 261655
196	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	202	7	306539 262539
196	<b>Points of Interest - Manufacturing and Production</b> Name: Business Park Location: LD1 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	254	7	306478 262587
197	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LD1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	295	7	306106 262190
197	<b>Points of Interest - Manufacturing and Production</b> Name: Solar Panels Location: LD1 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	351	7	306071 262259



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: LD1 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	321	7	306017 261795
198	<b>Points of Interest - Manufacturing and Production</b> 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)	347	7	306008 261746
198	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	357	7	305976 261811
198	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: LD1 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	358	7	305975 261811
198	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: LD1 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NE (SW)	384	7	305965 261753
198	<b>Points of Interest - Manufacturing and Production</b> 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)	387	7	305960 261758
199	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: LD1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	334	7	306125 262317
200	<b>Points of Interest - Manufacturing and Production</b> Name: Ddole Industrial Estate Location: LD1 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	516	7	306039 262523
201	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: LD1 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NE (SW)	577	7	305861 261544
201	<b>Points of Interest - Manufacturing and Production</b> 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)	585	7	305852 261543
202	<b>Points of Interest - Manufacturing and Production</b> 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)	629	7	305881 261441
203	<b>Points of Interest - Manufacturing and Production</b> Name: Ddole Enterprise Park Location: LD1 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	724	7	306062 262897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	<b>Points of Interest - Manufacturing and Production</b> Name: Town Hall Workshops Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	747	7	306097 261173
204	<b>Points of Interest - Manufacturing and Production</b> Name: Old Town Hall Workshops Location: LD1 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	756	7	306083 261168
205	<b>Points of Interest - Public Infrastructure</b> Name: Llandrindod Wells Police Station Location: Noyadd Park, Llandrindod Wells, Powys, LD1 5DF Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A13NE (N)	60	7	306587 262394
205	<b>Points of Interest - Public Infrastructure</b> Name: Llandrindod Police Station Location: Noyadd Park, Llandrindod Wells, LD1 5DF Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A13NE (N)	61	7	306586 262395
205	<b>Points of Interest - Public Infrastructure</b> Name: Llandrindod Wells Fire Station Location: Noyadd Park, Llandrindod Wells, LD1 5DF Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13NE (N)	96	7	306598 262430
206	<b>Points of Interest - Public Infrastructure</b> Name: Waste Dynamics Ltd Location: Epworth Villa, Nelson Street, Llandrindod Wells, LD1 6BT Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A12SE (SW)	348	7	305976 261887
207	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: LD1 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	398	7	306448 262728
208	<b>Points of Interest - Public Infrastructure</b> Name: Bus Station Location: LD1 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	608	7	305956 261404
208	<b>Points of Interest - Public Infrastructure</b> Name: Llandrindod Rail Station Location: LD1 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A7SE (SW)	660	7	305926 261361
208	<b>Points of Interest - Public Infrastructure</b> Name: Llandrindod Wells Station Location: Waterloo Road, LD1 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A7SE (SW)	660	7	305926 261361
209	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: LD1 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	624	7	306188 261273
210	<b>Points of Interest - Public Infrastructure</b> Name: Tesco Llandrindod Wells Location: Waterloo, Road, Llandrindod Wells, LD1 6BG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	642	7	305860 261445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	<b>Points of Interest - Public Infrastructure</b> Name: Tesco Petrol Filling Station Location: Petrol Filling Station, Waterloo Road, Llandrindod Wells, LD1 6BH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	644	7	305859 261443
211	<b>Points of Interest - Public Infrastructure</b> Name: Dyfed-Powys Constabulary Location: High Street, Llandrindod Wells, LD1 6BG Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A7SW (SW)	750	7	305827 261327
212	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	860	7	305528 262211
212	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: LD1 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	860	7	305526 262207
213	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	152	7	306208 261996
213	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: LD1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	159	7	306200 261995
213	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Tremont Road, LD1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	165	7	306199 262012
214	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	191	7	306222 261726
214	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Trefonen Avenue, LD1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NW (SW)	203	7	306222 261713
215	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: (Llys Heulog), LD1 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SE (W)	358	7	305968 261917
215	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	366	7	305958 261889
216	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	388	7	306284 261493

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	<p><b>Points of Interest - Recreational and Environmental</b></p> <p>Name: Playground            Location: The Close, LD1            Category: Recreational            Class Code: Playgrounds            Positional Accuracy: Positioned to address or location</p>	A8NW (S)	392	7	306292 261488

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
217	<b>Ancient Woodland</b> Name: Not Supplied Reference: 50057 Area(m <sup>2</sup> ): 2649.51 Type: Ancient Woodland Site of Unknown Category	A13SE (S)	18	2	306537 261956
218	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19195 Area(m <sup>2</sup> ): 9136.95 Type: Ancient and Semi-Natural Woodland	A13NE (E)	19	2	306635 262133
219	<b>Ancient Woodland</b> Name: Not Supplied Reference: 50056 Area(m <sup>2</sup> ): 23579.05 Type: Ancient Woodland Site of Unknown Category	A13SE (S)	73	2	306550 261893
220	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19197 Area(m <sup>2</sup> ): 9070.48 Type: Ancient and Semi-Natural Woodland	A13NE (NE)	89	2	306805 262253
221	<b>Ancient Woodland</b> Name: Not Supplied Reference: 50606 Area(m <sup>2</sup> ): 1035.82 Type: Ancient Woodland Site of Unknown Category	A8NE (S)	199	2	306536 261734
222	<b>Ancient Woodland</b> Name: Not Supplied Reference: 12657 Area(m <sup>2</sup> ): 8676.24 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	234	2	306916 262399
223	<b>Ancient Woodland</b> Name: Not Supplied Reference: 12654 Area(m <sup>2</sup> ): 5261 Type: Ancient and Semi-Natural Woodland	A14SW (E)	276	2	306908 262101
224	<b>Ancient Woodland</b> Name: Not Supplied Reference: 12656 Area(m <sup>2</sup> ): 3708.65 Type: Ancient and Semi-Natural Woodland	A14NW (E)	311	2	306987 262264
225	<b>Ancient Woodland</b> Name: Not Supplied Reference: 12655 Area(m <sup>2</sup> ): 7205.67 Type: Ancient and Semi-Natural Woodland	A14SW (E)	415	2	307059 262092
226	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19196 Area(m <sup>2</sup> ): 6210.49 Type: Ancient and Semi-Natural Woodland	A14NW (E)	430	2	307114 262159
227	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8262 Area(m <sup>2</sup> ): 5791.01 Type: Ancient and Semi-Natural Woodland	A14SW (E)	446	2	307076 262066
228	<b>Ancient Woodland</b> Name: Not Supplied Reference: 48235 Area(m <sup>2</sup> ): 20627.93 Type: Ancient Woodland Site of Unknown Category	A19SW (NE)	461	2	307067 262598
229	<b>Ancient Woodland</b> Name: Not Supplied Reference: 10580 Area(m <sup>2</sup> ): 11059.53 Type: Ancient and Semi-Natural Woodland	A14SW (E)	490	2	307111 262038
230	<b>Ancient Woodland</b> Name: Not Supplied Reference: 13491 Area(m <sup>2</sup> ): 3306.93 Type: Ancient and Semi-Natural Woodland	A12NE (W)	517	2	305906 262292

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	<b>Ancient Woodland</b> Name: Not Supplied Reference: 40297 Area(m <sup>2</sup> ): 5325.49 Type: Plantation on Ancient Woodland	A14NW (E)	521	2	307175 262136
232	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19198 Area(m <sup>2</sup> ): 4349.68 Type: Ancient and Semi-Natural Woodland	A14NE (E)	578	2	307271 262329
233	<b>Ancient Woodland</b> Name: Not Supplied Reference: 10582 Area(m <sup>2</sup> ): 5728.5 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	585	2	307253 262482
234	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19194 Area(m <sup>2</sup> ): 3682.15 Type: Ancient and Semi-Natural Woodland	A8SE (S)	586	2	306751 261408
235	<b>Ancient Woodland</b> Name: Not Supplied Reference: 10581 Area(m <sup>2</sup> ): 1052.65 Type: Ancient and Semi-Natural Woodland	A14NE (E)	614	2	307293 262432
236	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19199 Area(m <sup>2</sup> ): 1823.9 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	616	2	307265 262549
237	<b>Ancient Woodland</b> Name: Not Supplied Reference: 20614 Area(m <sup>2</sup> ): 3416.76 Type: Ancient and Semi-Natural Woodland	A12NW (W)	624	2	305792 262289
238	<b>Ancient Woodland</b> Name: Not Supplied Reference: 20672 Area(m <sup>2</sup> ): 3245.7 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	655	2	307181 262767
239	<b>Ancient Woodland</b> Name: Not Supplied Reference: 11117 Area(m <sup>2</sup> ): 10050.69 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	660	2	307270 262646
240	<b>Ancient Woodland</b> Name: Not Supplied Reference: 12102 Area(m <sup>2</sup> ): 17673.81 Type: Restored Ancient Woodland Site	A17SE (NW)	735	2	305859 262657
241	<b>Ancient Woodland</b> Name: Not Supplied Reference: 23597 Area(m <sup>2</sup> ): 8888.05 Type: Restored Ancient Woodland Site	A17SW (NW)	819	2	305691 262541
242	<b>Ancient Woodland</b> Name: Not Supplied Reference: 11118 Area(m <sup>2</sup> ): 8160.93 Type: Ancient and Semi-Natural Woodland	A19NE (NE)	853	2	307340 262885
243	<b>Ancient Woodland</b> Name: Not Supplied Reference: 10428 Area(m <sup>2</sup> ): 14925.71 Type: Ancient and Semi-Natural Woodland	A3NW (S)	918	2	306498 260967
244	<b>Ancient Woodland</b> Name: Not Supplied Reference: 23623 Area(m <sup>2</sup> ): 7474.73 Type: Restored Ancient Woodland Site	A17NW (NW)	932	2	305742 262849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	<b>Ancient Woodland</b> Name: Not Supplied Reference: 11585 Area(m <sup>2</sup> ): 2599.21 Type: Restored Ancient Woodland Site	A3NW (S)	953	2	306505 260933
246	<b>Ancient Woodland</b> Name: Not Supplied Reference: 23325 Area(m <sup>2</sup> ): 3094.68 Type: Restored Ancient Woodland Site	A3NE (S)	959	2	306587 260941
247	<b>Ancient Woodland</b> Name: Not Supplied Reference: 19193 Area(m <sup>2</sup> ): 4583.59 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	960	2	307136 261228
248	<b>Ancient Woodland</b> Name: Not Supplied Reference: 20613 Area(m <sup>2</sup> ): 5832.15 Type: Ancient and Semi-Natural Woodland	A6NE (W)	978	2	305365 261699
249	<b>Ancient Woodland</b> Name: Not Supplied Reference: 10427 Area(m <sup>2</sup> ): 2978.96 Type: Ancient and Semi-Natural Woodland	A3NE (S)	981	2	306509 260905
250	<b>Environmentally Sensitive Areas</b> Name: Radnor (decommissioned) Multiple Areas: N Total Area (m2): 1001569280 Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)	A13NW (NW)	0	8	306500 262119
251	<b>Local Nature Reserves</b> Name: Lake Park Multiple Area: Y Area (m2): 451982.98 Source: Powys County Council Designation Date: 31st December 2010	A3NW (S)	930	6	306501 260955
252	<b>Sites of Special Scientific Interest</b> Name: Llanfawr Quarries, Llandrindod Wells Multiple Areas: N Total Area (m2): 12438.08 Source: Natural Resources Wales Reference: 3932wsc Designation Details: Mixed Biological And Geological Designation Date: 1st January 1954 Date Type: Notified	A13SE (S)	59	2	306548 261907
253	<b>Sites of Special Scientific Interest</b> Name: River Ithon Multiple Areas: Y Total Area (m2): 1737667.81 Source: Natural Resources Wales Reference: 127532wmh Designation Details: Biological Designation Date: 30th May 2002 Date Type: Notified	A12NE (W)	493	2	305950 262337
254	<b>Sites of Special Scientific Interest</b> Name: Crabtree Green Meadow Multiple Areas: N Total Area (m2): 27212.37 Source: Natural Resources Wales Reference: 129532waw Designation Details: Biological Designation Date: 14th January 1998 Date Type: Notified	A17SW (NW)	757	2	305713 262451
255	<b>Special Areas of Conservation</b> Name: River Wye / Afon Gwy (Wales) Multiple Areas: Y Total Area (m2): 12740430.71 Source: Natural Resources Wales Reference: UK0012642 Status: Designated	A12NE (W)	493	2	305950 262337



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







Agency & Hydrological	Version	Update Cycle
<b>Extreme Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	
<b>Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	August 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	October 2023	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Natural Resources Wales	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Natural Resources Wales	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Natural Resources Wales	May 2018	Annually
<b>Surface Water Suitability</b> Natural Resources Wales	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Natural Resources Wales	March 2023	As notified
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Welsh Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency Wales - South East Area Natural Resources Wales	January 2023 October 2021	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Natural Resources Wales Environment Agency Wales - South East Area	August 2023 July 2021	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Powys County Council	February 2003	Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Powys County Council	October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency Wales - South East Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency Wales - South East Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency Wales - South East Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	March 2023	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Powys County Council - Planning Department	May 2023	Variable
<b>Planning Hazardous Substance Consents</b> Powys County Council - Planning Department	February 2016	Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually

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

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

A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	<b>Powys County Council - Public Protection Department</b> Neuadd Maldwyn, Severn Road, Welshpool, Powys, SY21 7AS	Telephone: 01597 826662 Fax: 01597 826669 Website: www.powys.gov.uk
4	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Powys County Council</b> County Hall, Llandrindod Wells, Powys, LD1 5LG	Telephone: 01597 826000 Fax: 01597 826230 Website: www.powys.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>The National Assembly for Wales - GI Services (Department of Planning &amp; Countryside)</b> Yr Hen Ysgol Gymraeg, Alexandria Road, Aberystwyth, Ceredigion, SY23 1LD	Telephone: 02920 825111 Website: www.wales.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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







# 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
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Water, Type Unspecified	Not Supplied - Not Supplied
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BMD	Builth Mudstones Formation	Mudstone and Laminated Hemipelagic Mudstone, Interbedded	Not Supplied - Wenlock
	CER	Cerig Formation	Mudstone, Burrow-Mottled	Not Supplied - Aeronian
	TYC	Tycwta Mudstones Formation	Mudstone	Not Supplied - Hirnantian
	YA	Yr Allt Formation	Mudstone, Silty	Not Supplied - Ashgill
	CMA	Cwm-amlw Tuff Formation	Tuff, Felsic	Not Supplied - Caradoc
	GIVO	Gilwern Volcanic Formation	Lapilli-Tuff	Not Supplied - Abereiddian
	GIVO	Gilwern Volcanic Formation	Mudstone and Tuff	Not Supplied - Abereiddian
	BUVO	Builth Volcanic Group	Volcaniclastic-sandstone	Not Supplied - Abereiddian
	LATU	Llandrindod Tuff Formation	Tuff	Not Supplied - Abereiddian
	CTE	Camnant Mudstone Formation	Mudstone	Not Supplied - Abereiddian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TRV	Trelowgoed Volcanic Formation	Volcaniclastic-Breccia, Basaltic	Not Supplied - Llanvirn
	UIIO	Unnamed Igneous Intrusion, Ordovician	Microgabbro	Not Supplied - Ordovician
		Faults		



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## Geology 1:50,000 Maps

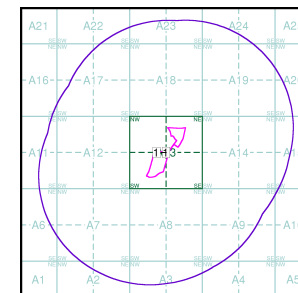
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	179
Map Name:	Rhayader
Map Date:	1993
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:

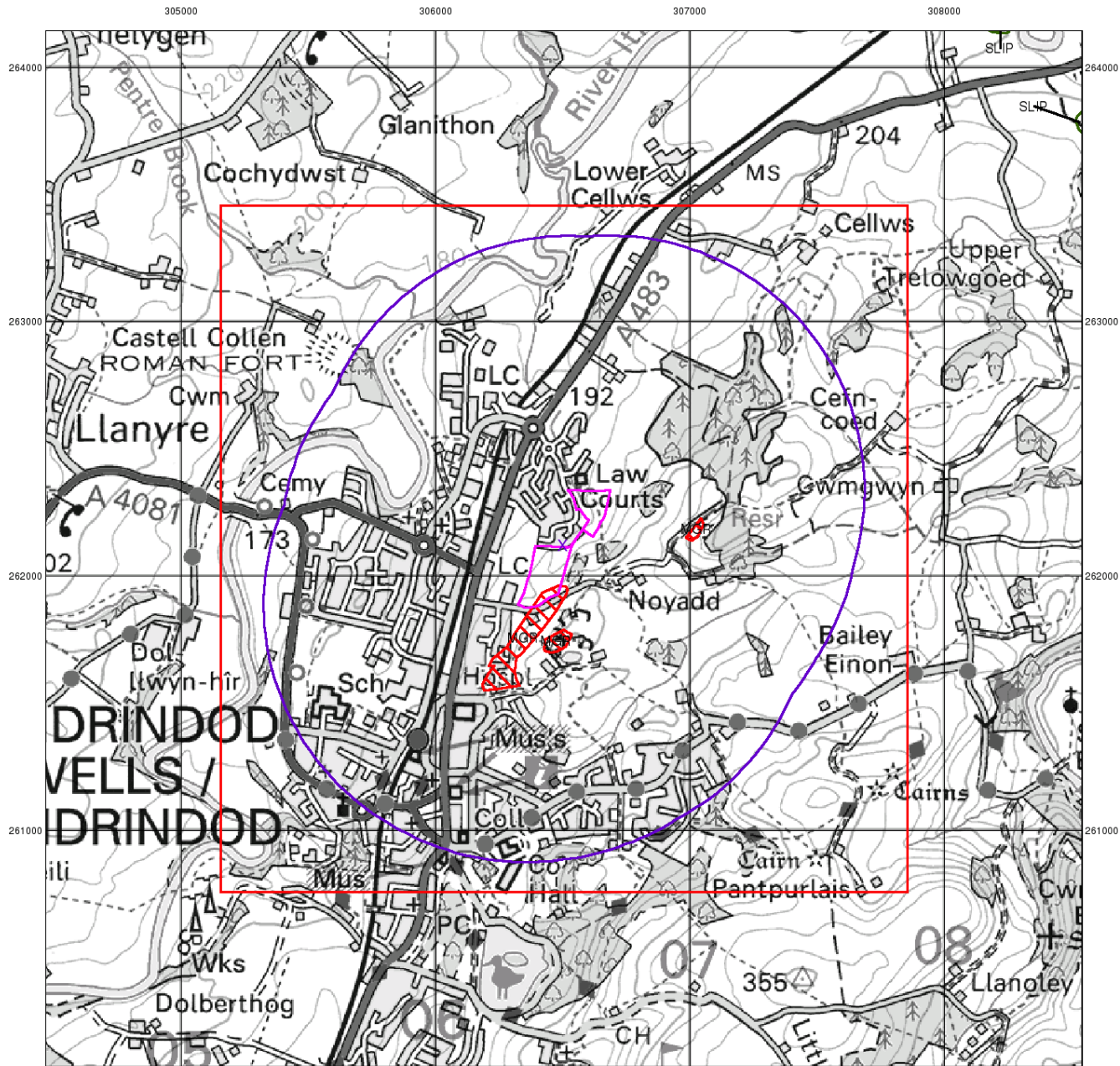
Order Number:	322994750_1_1
Customer Reference:	17759JR
National Grid Reference:	306500, 262120
Slice:	A
Site Area (Ha):	4.66
Search Buffer (m):	1000

## Site Details:

Site at 306440, 262060



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



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### Artificial Ground and Landslip

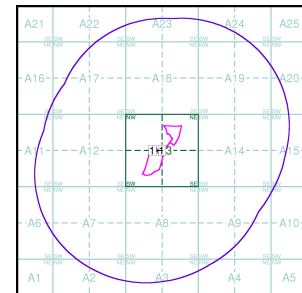
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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: 322994750\_1\_1  
 Customer Reference: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

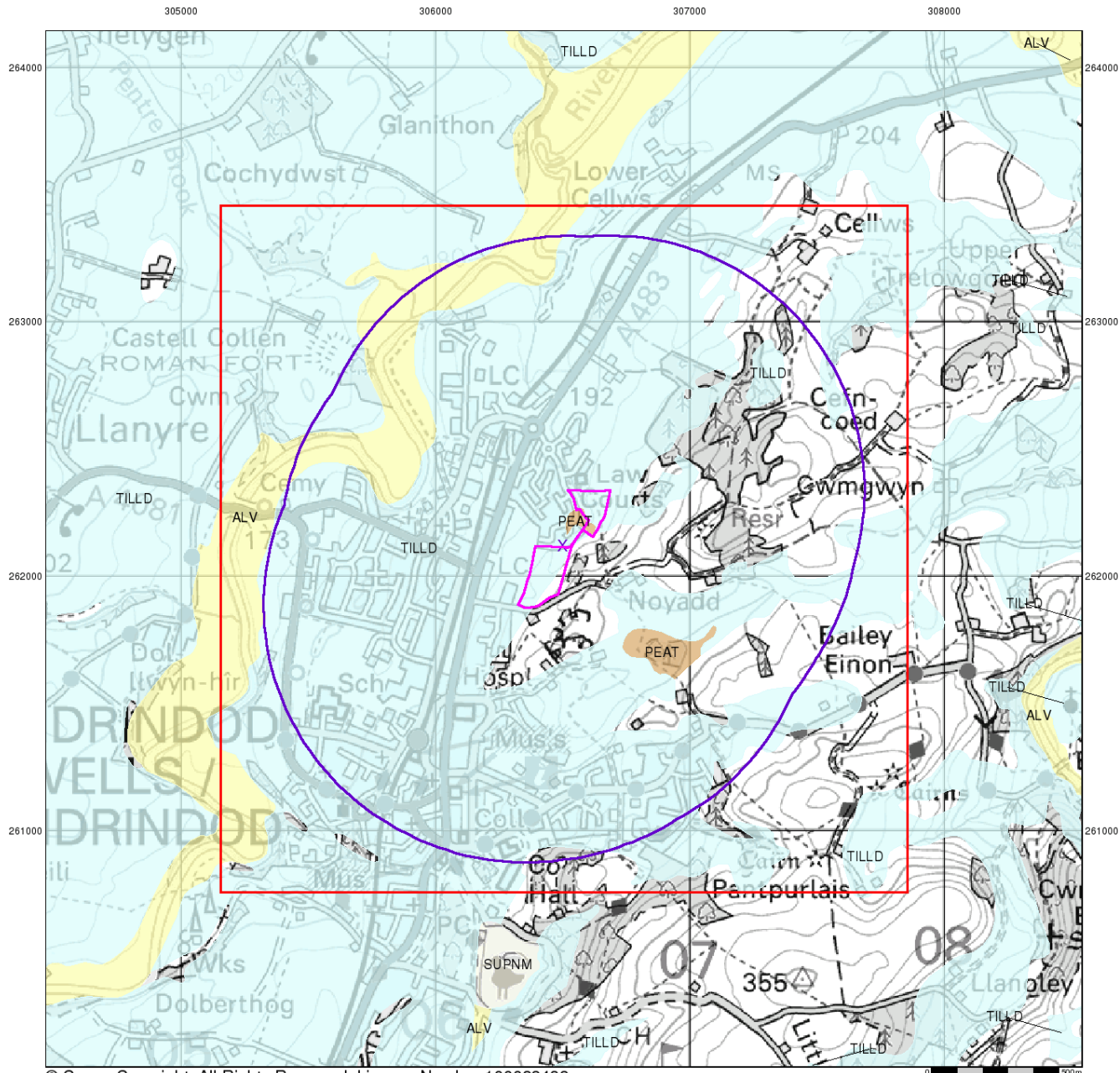
#### Site Details:

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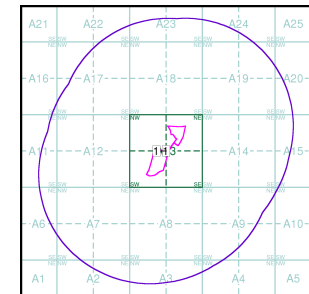
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



### Order Details:

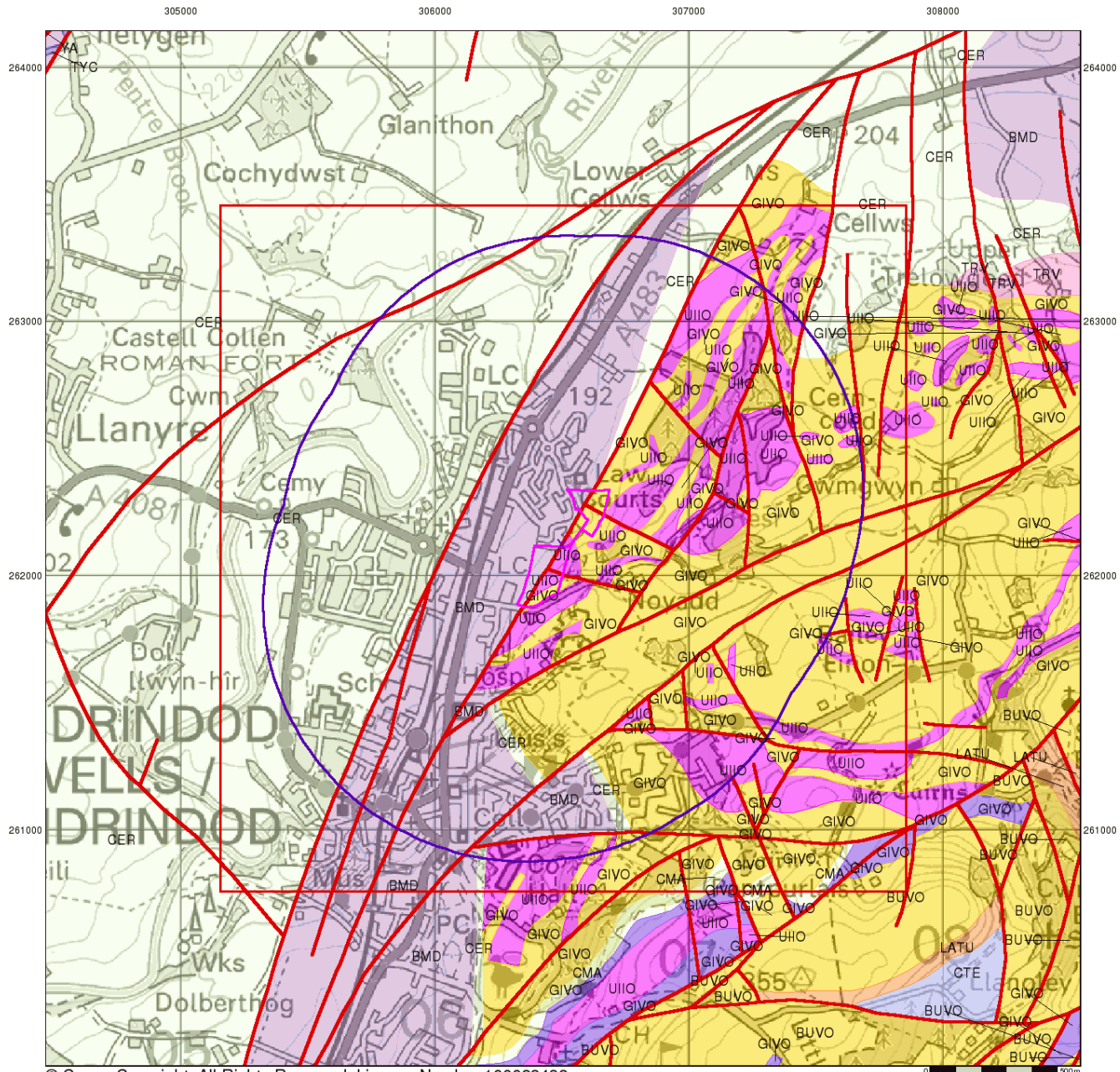
Order Number: 322994750\_1\_1  
 Customer Reference: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

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### Bedrock and Faults

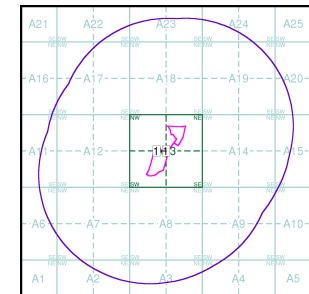
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice A



### Order Details:

Order Number: 322994750\_1\_1  
 Customer Reference: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

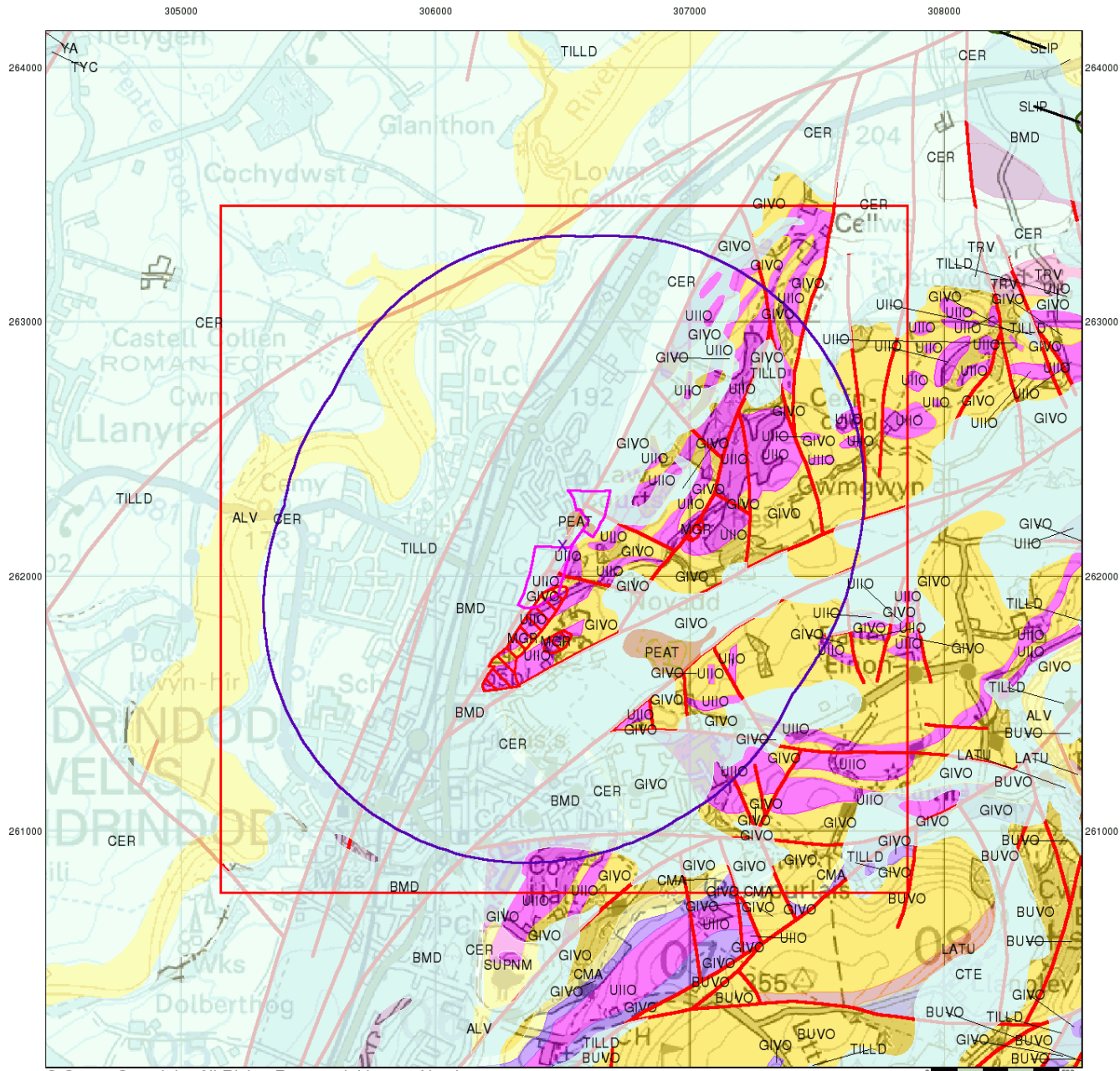
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### Combined Surface Geology

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.

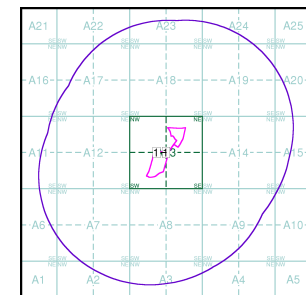
### Additional Information

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: 322994750\_1\_1  
 Customer Reference: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
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# Historical Mapping Legends

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

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

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

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

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

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

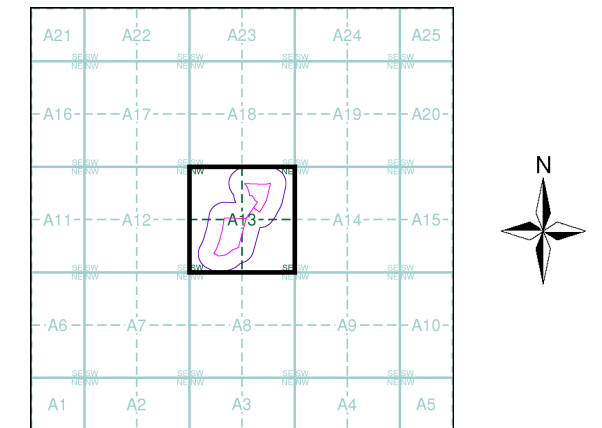


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Radnorshire	1:2,500	1889	2
Radnorshire	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1970	4
Supply of Unpublished Survey Information	1:2,500	1975	5
Ordnance Survey Plan	1:2,500	1984	6
Additional SIMs	1:2,500	1984 - 1986	7
Additional SIMs	1:2,500	1989 - 1993	8
Additional SIMs	1:2,500	1989	9
Large-Scale National Grid Data	1:2,500	1995	10
Historical Aerial Photography	1:2,500	2000	11

## Historical Map - Segment A13



## Order Details

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 100

## Site Details

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### Radnorshire

Published 1889

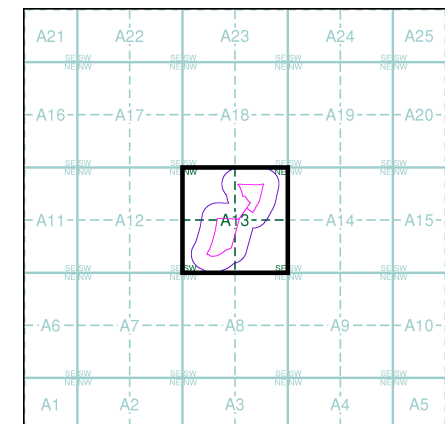
Source map scale - 1:2,500

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)

023_05	1889	1:2,500
023_09	1889	1:2,500

### Historical Map - Segment A13



### Order Details

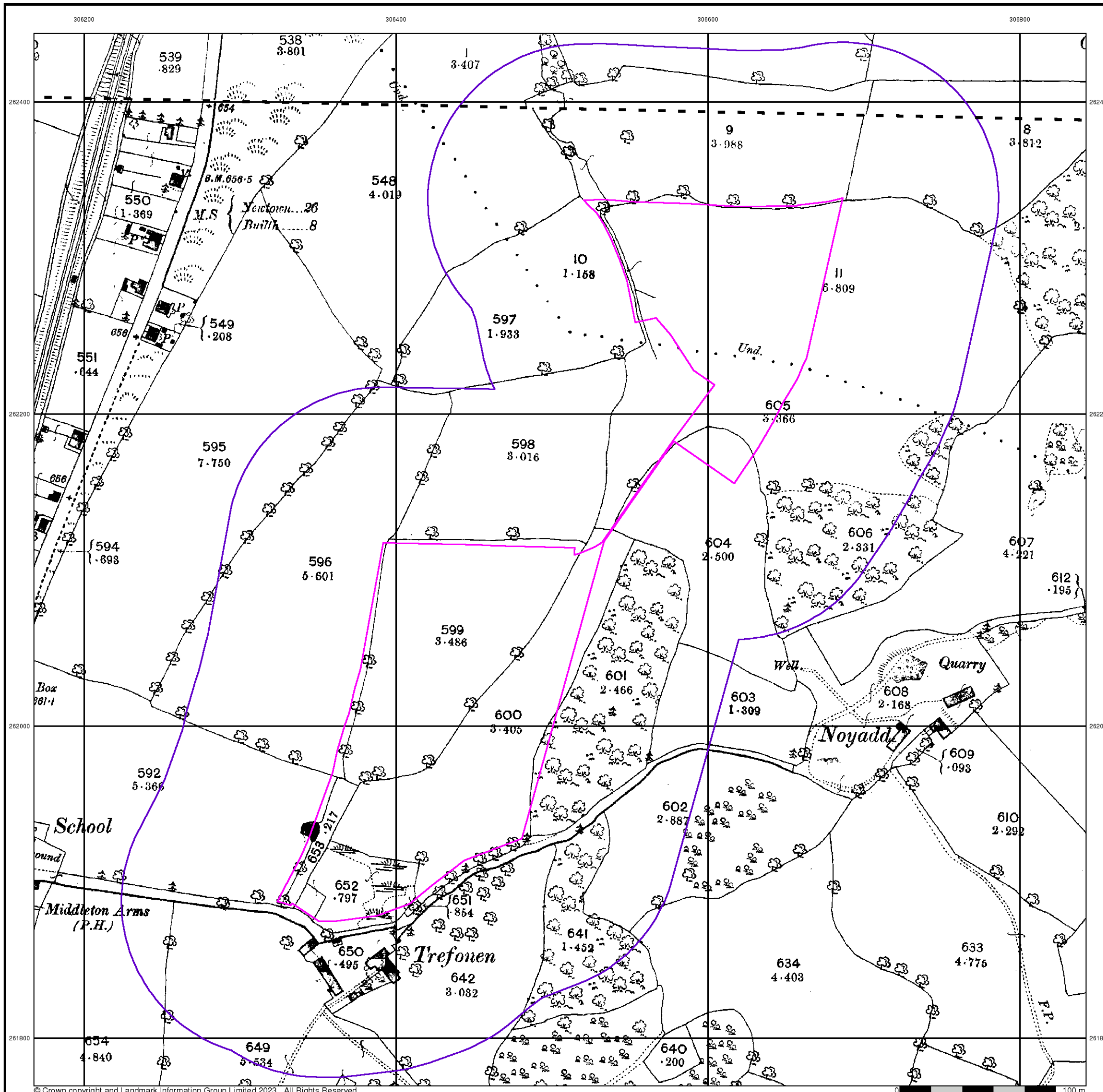
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 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
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### Radnorshire

Published 1904

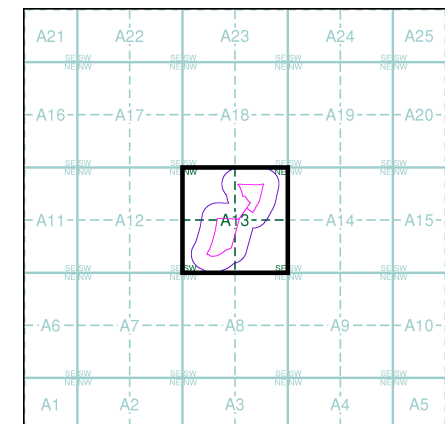
Source map scale - 1:2,500

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)

023_05	1904	1:2,500
023_09	1904	1:2,500

### Historical Map - Segment A13



### Order Details

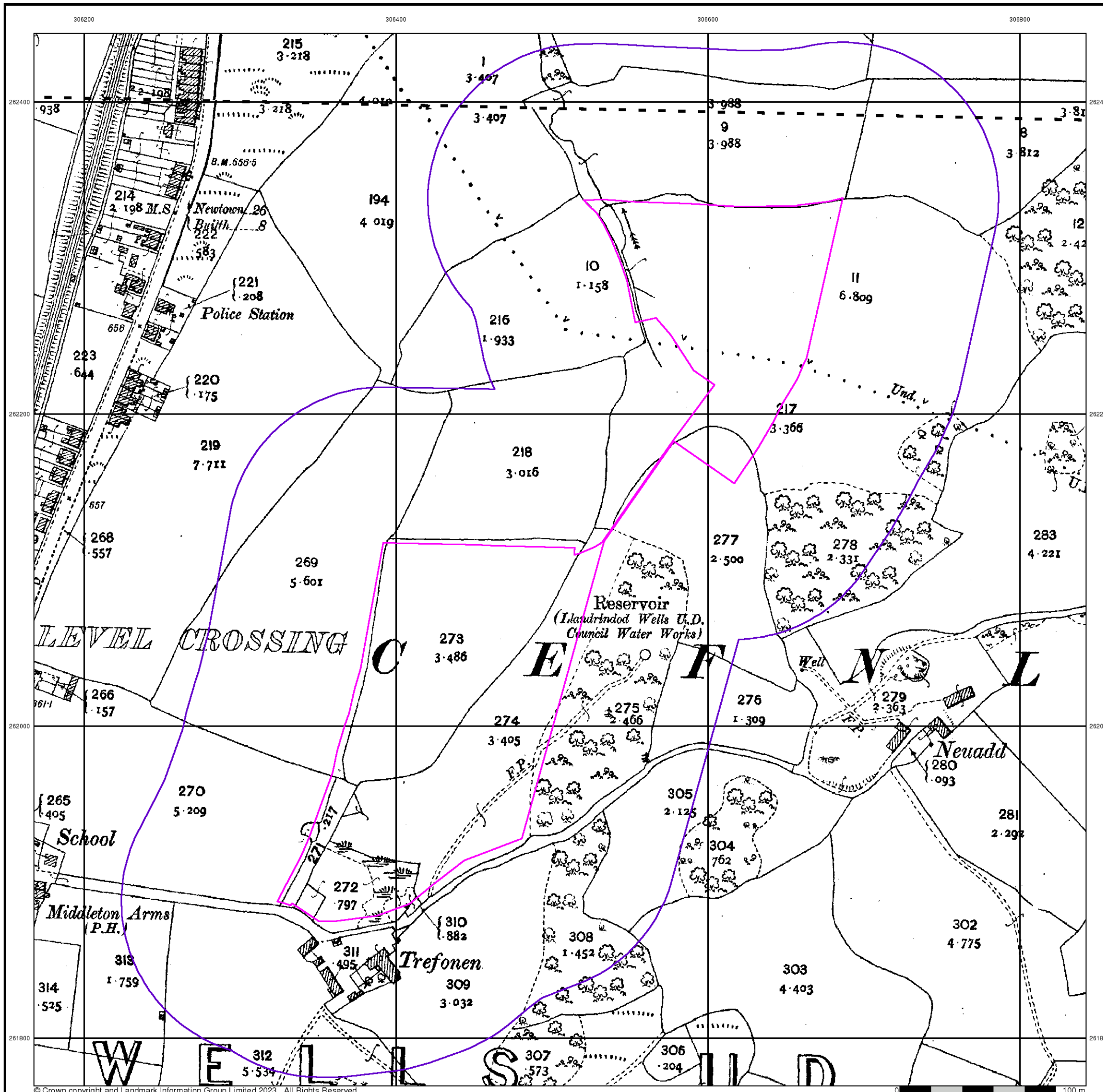
Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
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### Ordnance Survey Plan

Published 1970

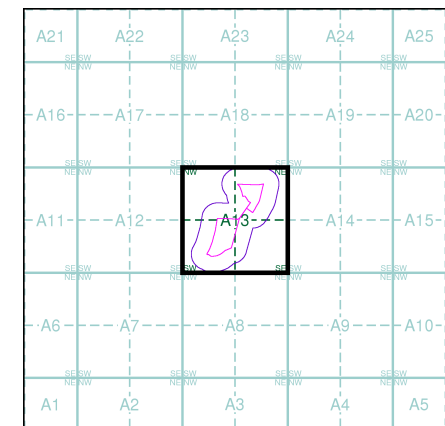
Source map scale - 1:2,500

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)

SO0662
1970
1:2,500
SO0661
1970
1:2,500

### Historical Map - Segment A13



### Order Details

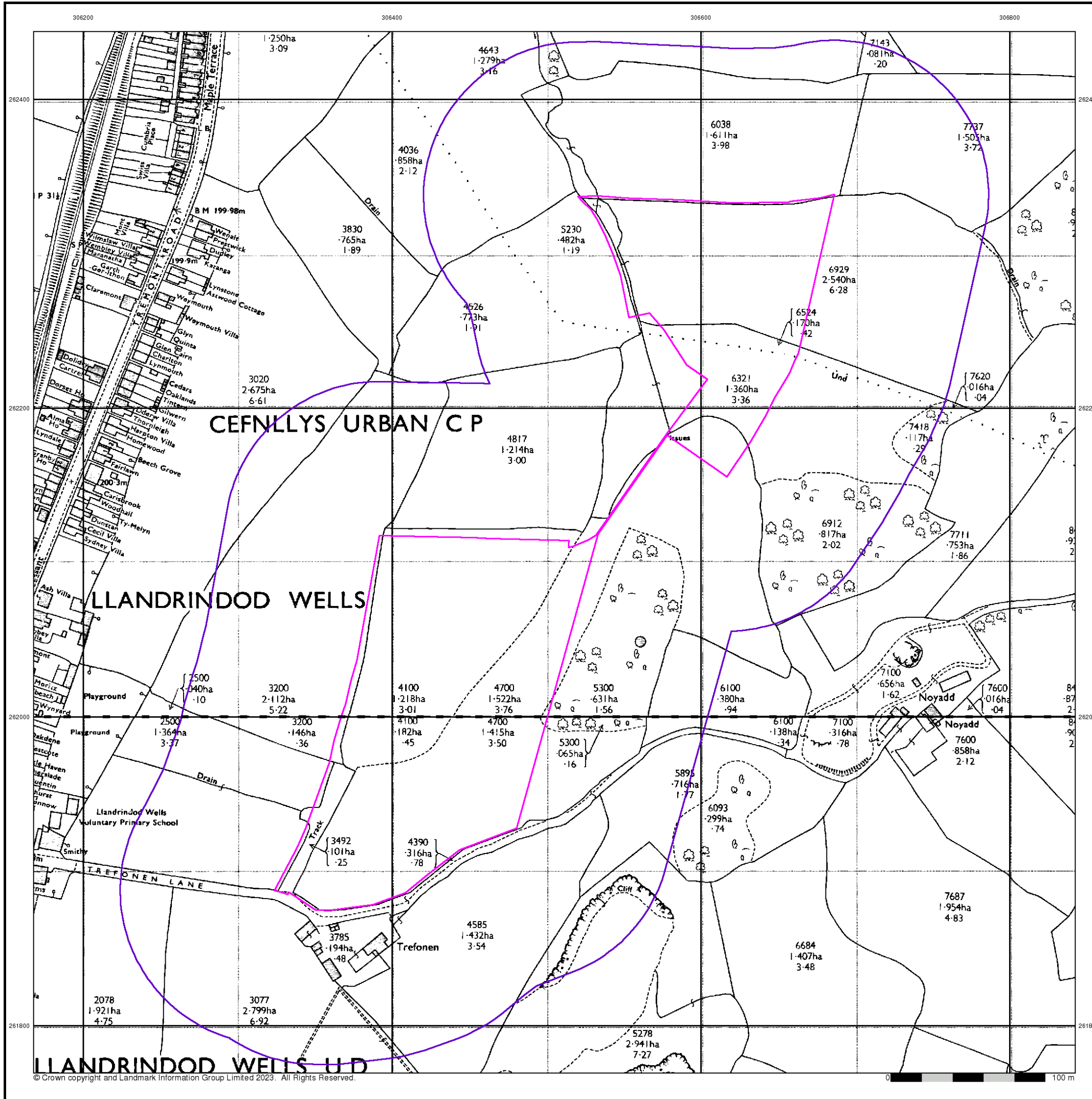
Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
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 Slice: A  
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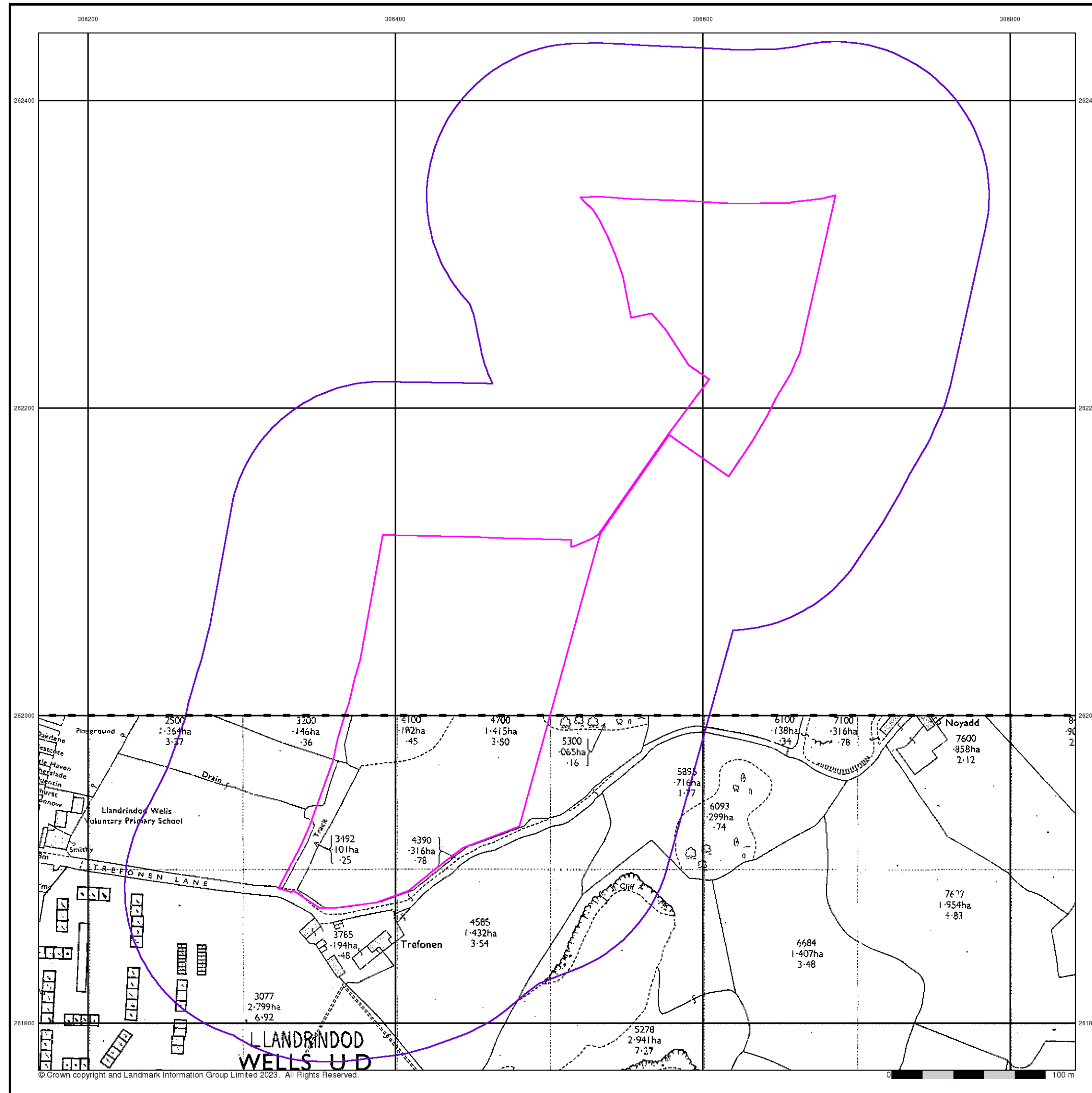
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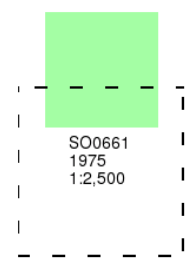
## Supply of Unpublished Survey Information

Published 1975

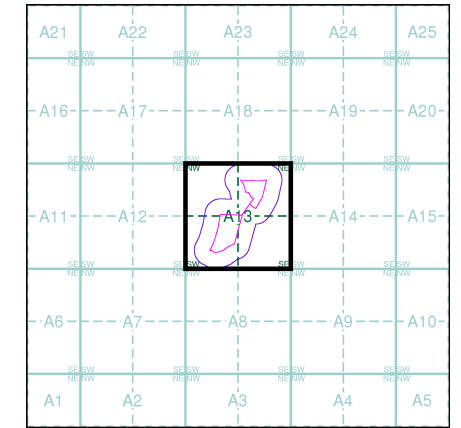
Source map scale - 1:2,500

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: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
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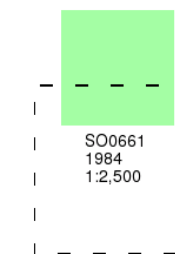
### Ordnance Survey Plan

Published 1984

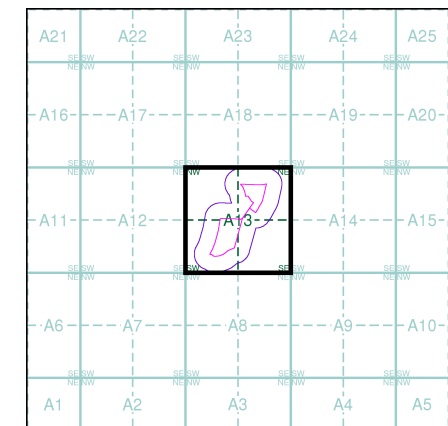
Source map scale - 1:2,500

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

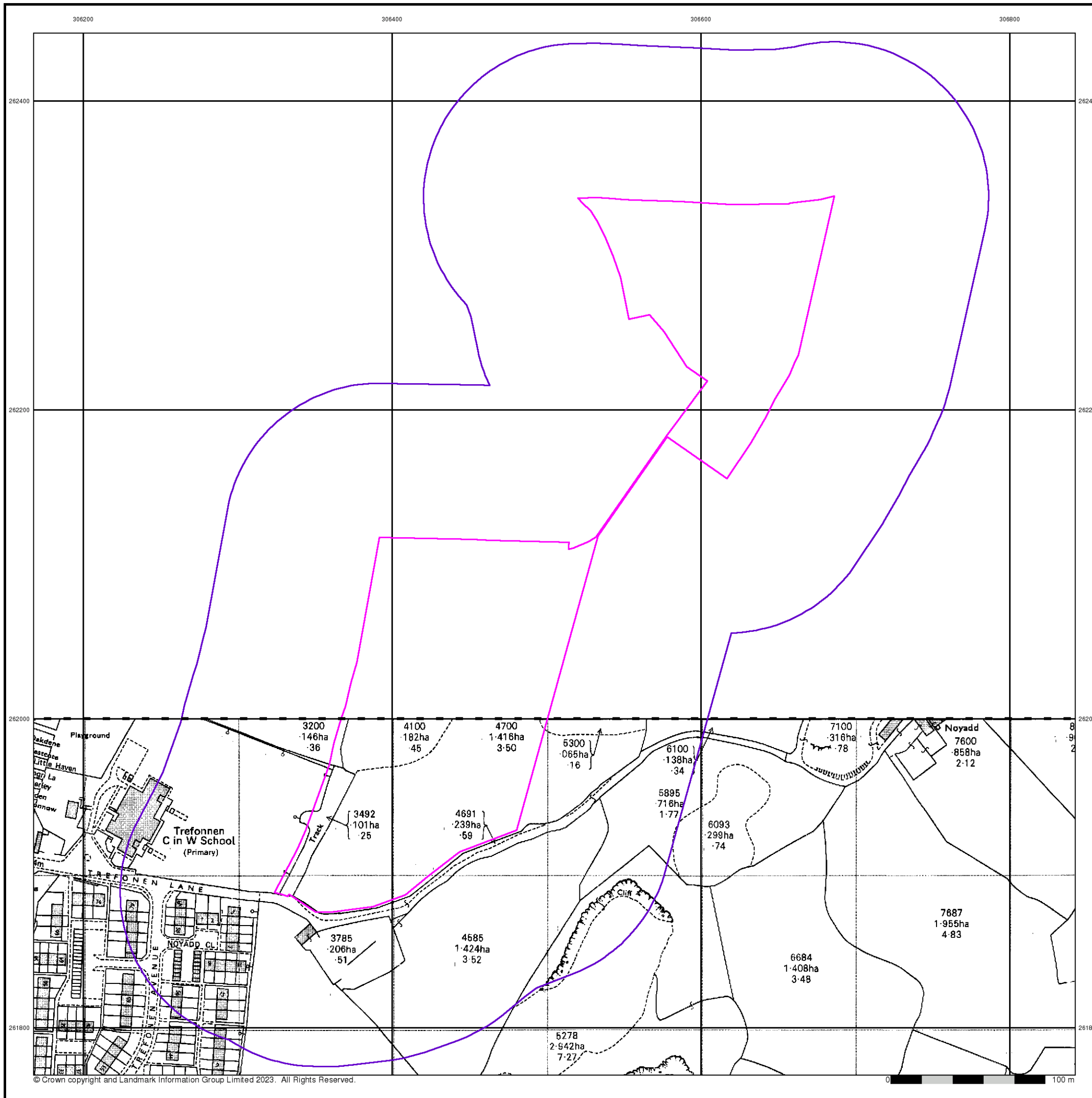
Order Number: 322994750\_1\_1  
Customer Ref: 17759JR  
National Grid Reference: 306500, 262120  
Slice: A  
Site Area (Ha): 4.66  
Search Buffer (m): 100

### Site Details

Site at 306440, 262060



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### Additional SIMs

Published 1989 - 1993

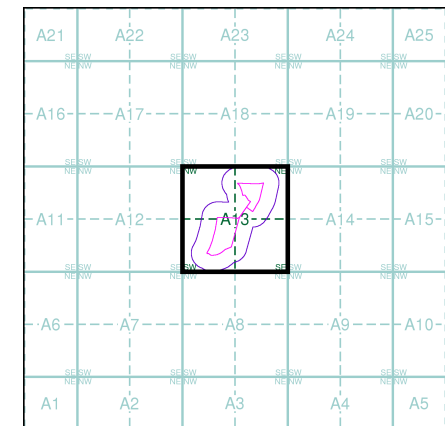
Source map scale - 1:2,500

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)

SO0662	1989	1:2,500
SO0661	1993	1:2,500

### Historical Map - Segment A13



### Order Details

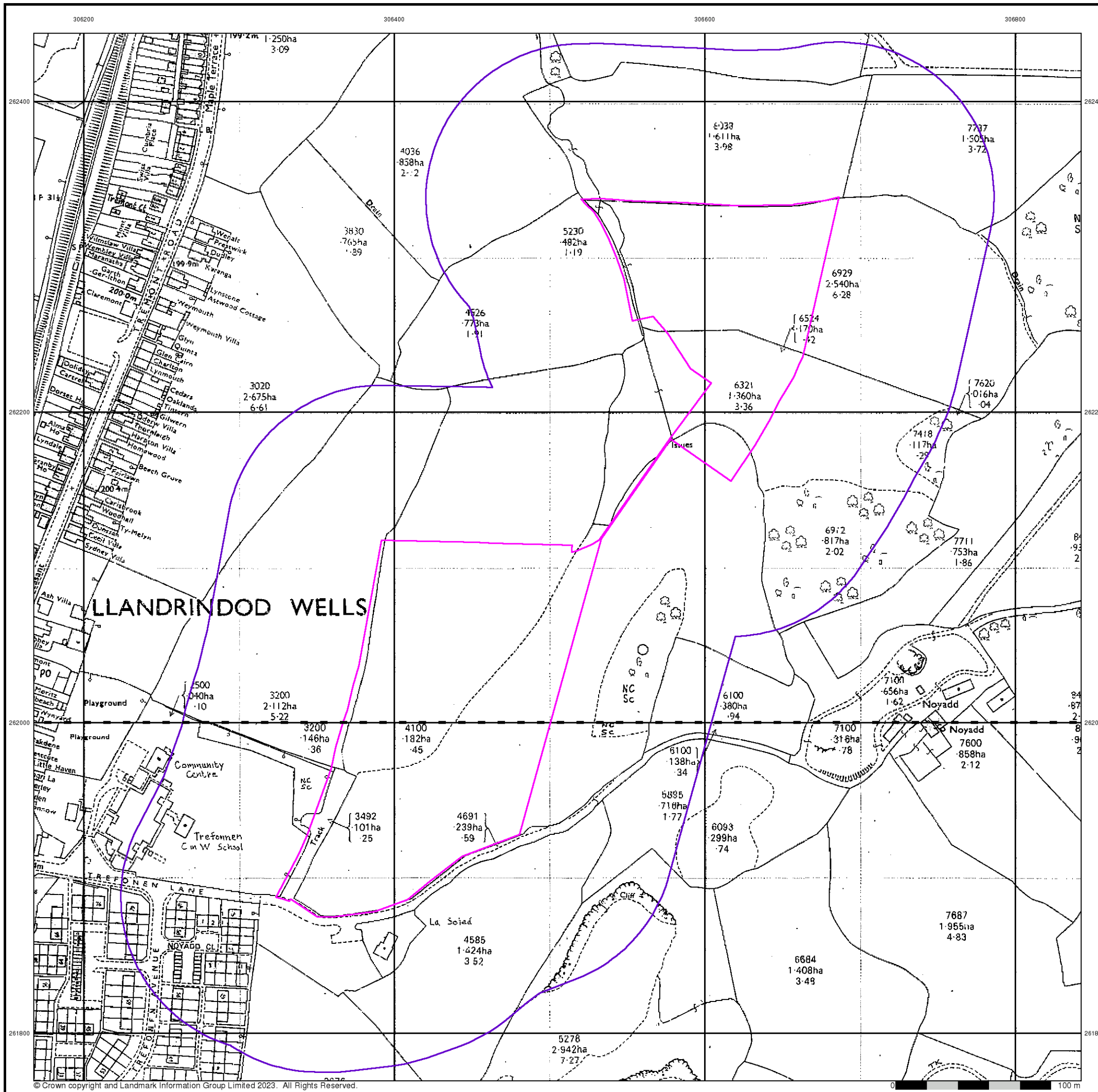
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 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
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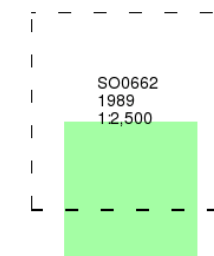
### Additional SIMs

Published 1989

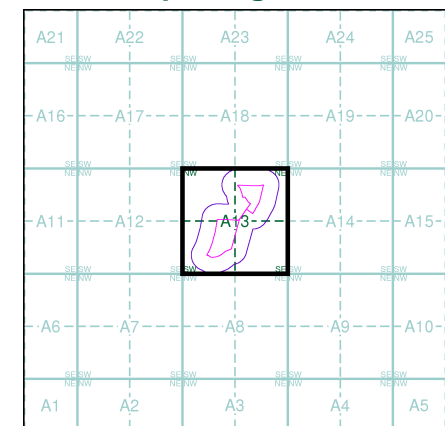
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

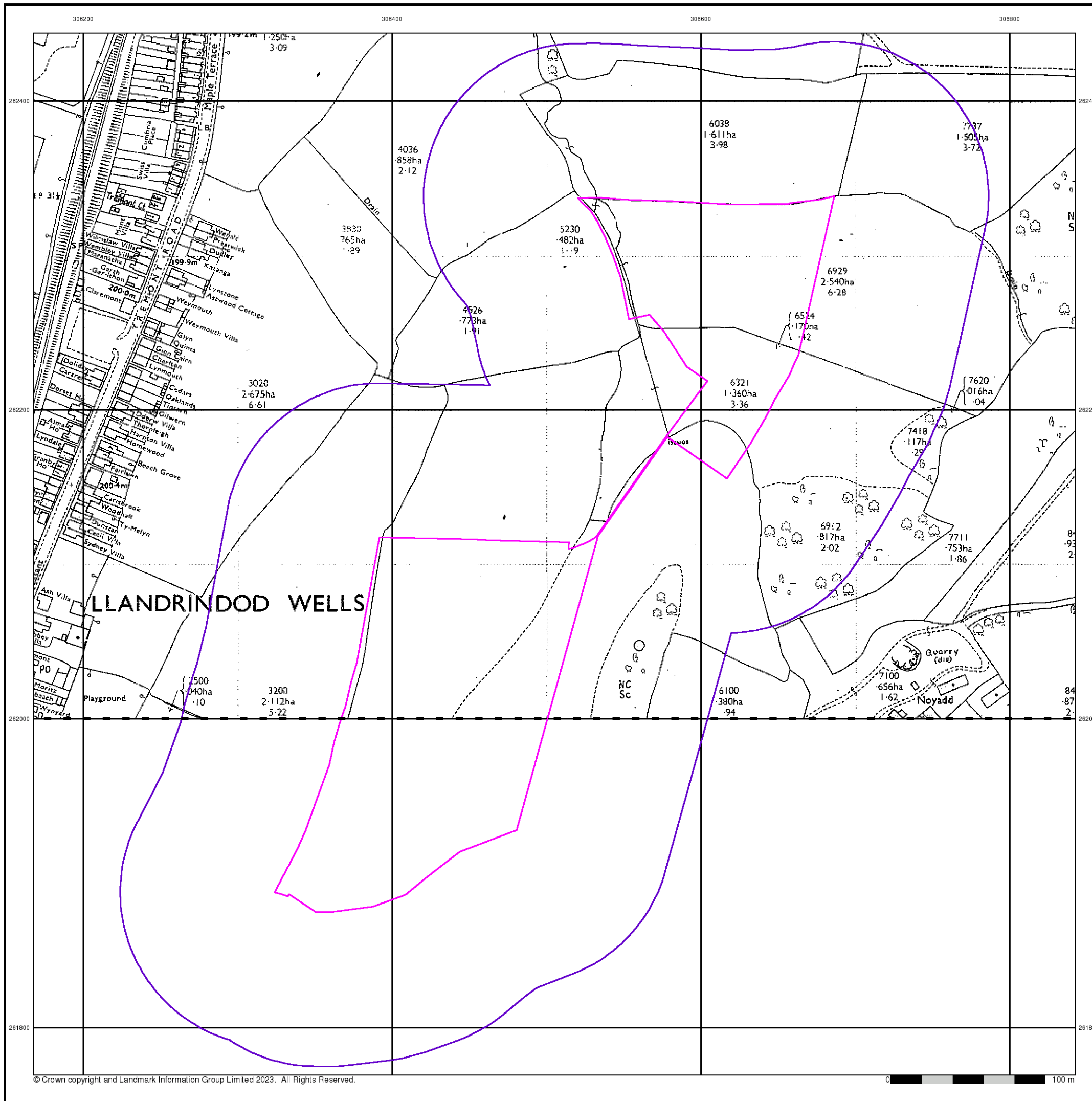
Order Number: 322994750\_1\_1  
Customer Ref: 17759JR  
National Grid Reference: 306500, 262120  
Slice: A  
Site Area (Ha): 4.66  
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### Large-Scale National Grid Data

Published 1995

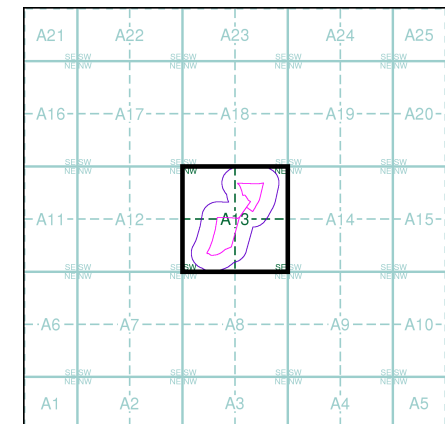
Source map scale - 1:2,500

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

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

SO0662	1995	1:2,500
SO0661	1995	1:2,500

### Historical Map - Segment A13



### Order Details

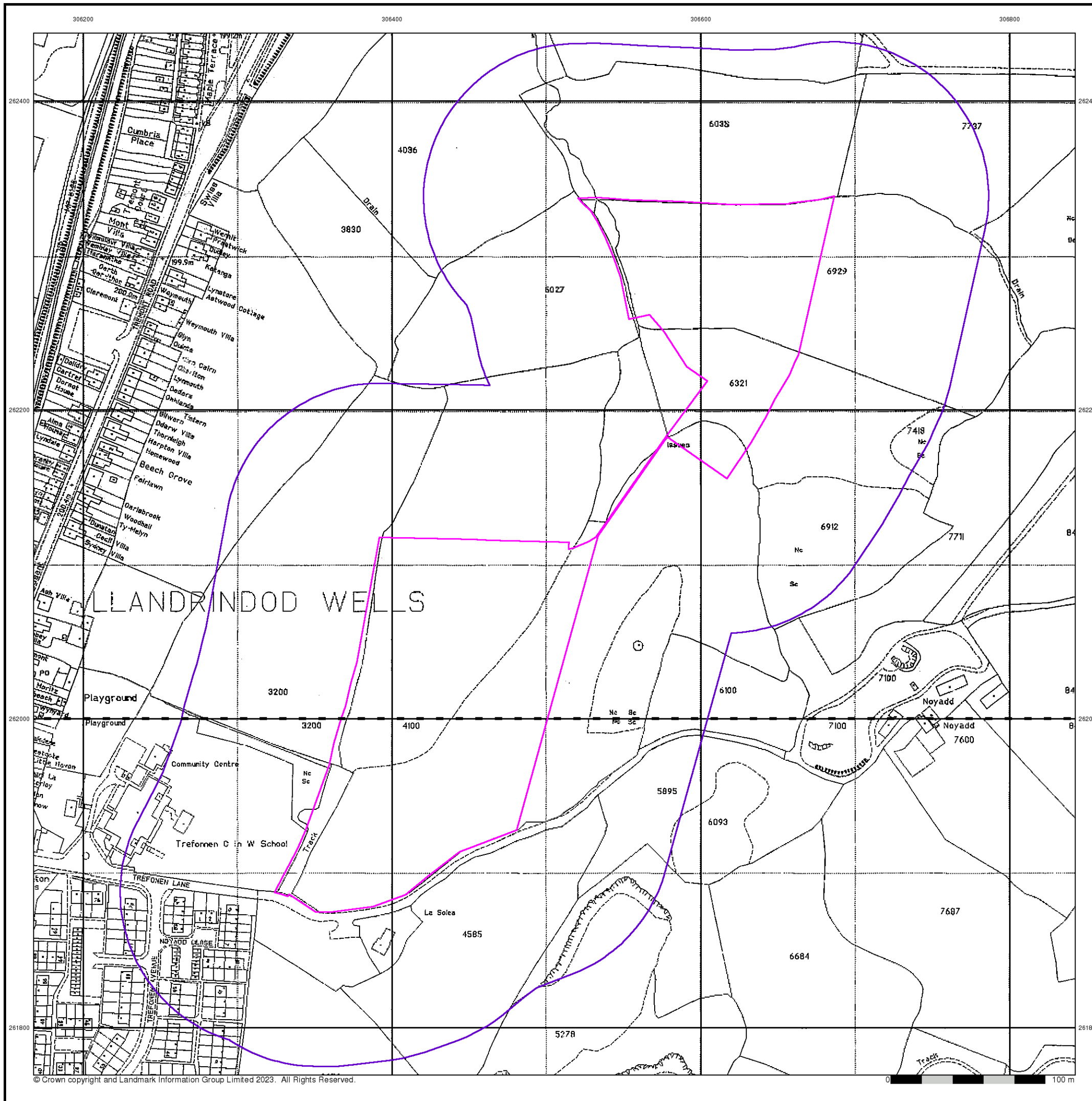
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 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 100

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306200

306400

306600

306800



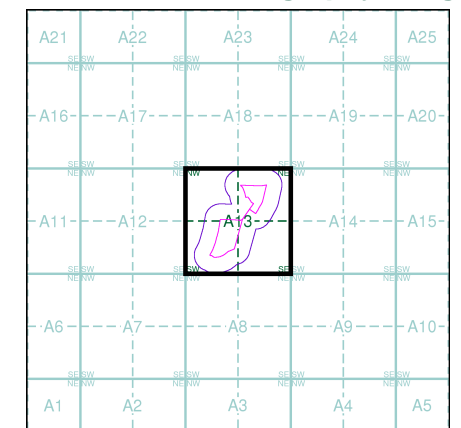
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### Historical Aerial Photography

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: 322994750\_1\_1  
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 Slice: A  
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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		
	<b>-285</b> Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W 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
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

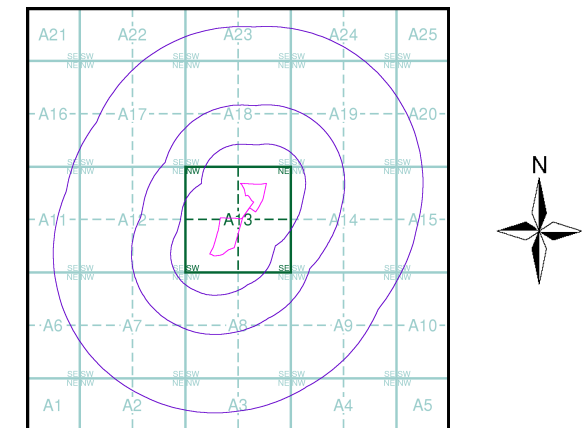


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Radnorshire	1:10,560	1888	2
Radnorshire	1:10,560	1904 - 1905	3
Radnorshire	1:10,560	1938 - 1953	4
Radnorshire	1:10,560	1953	5
Ordnance Survey Plan	1:10,000	1964	6
Ordnance Survey Plan	1:10,000	1983	7
Ordnance Survey Plan	1:10,000	1992	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2023	11

## Historical Map - Slice A



## Order Details

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

## Site Details

Site at 306440, 262060

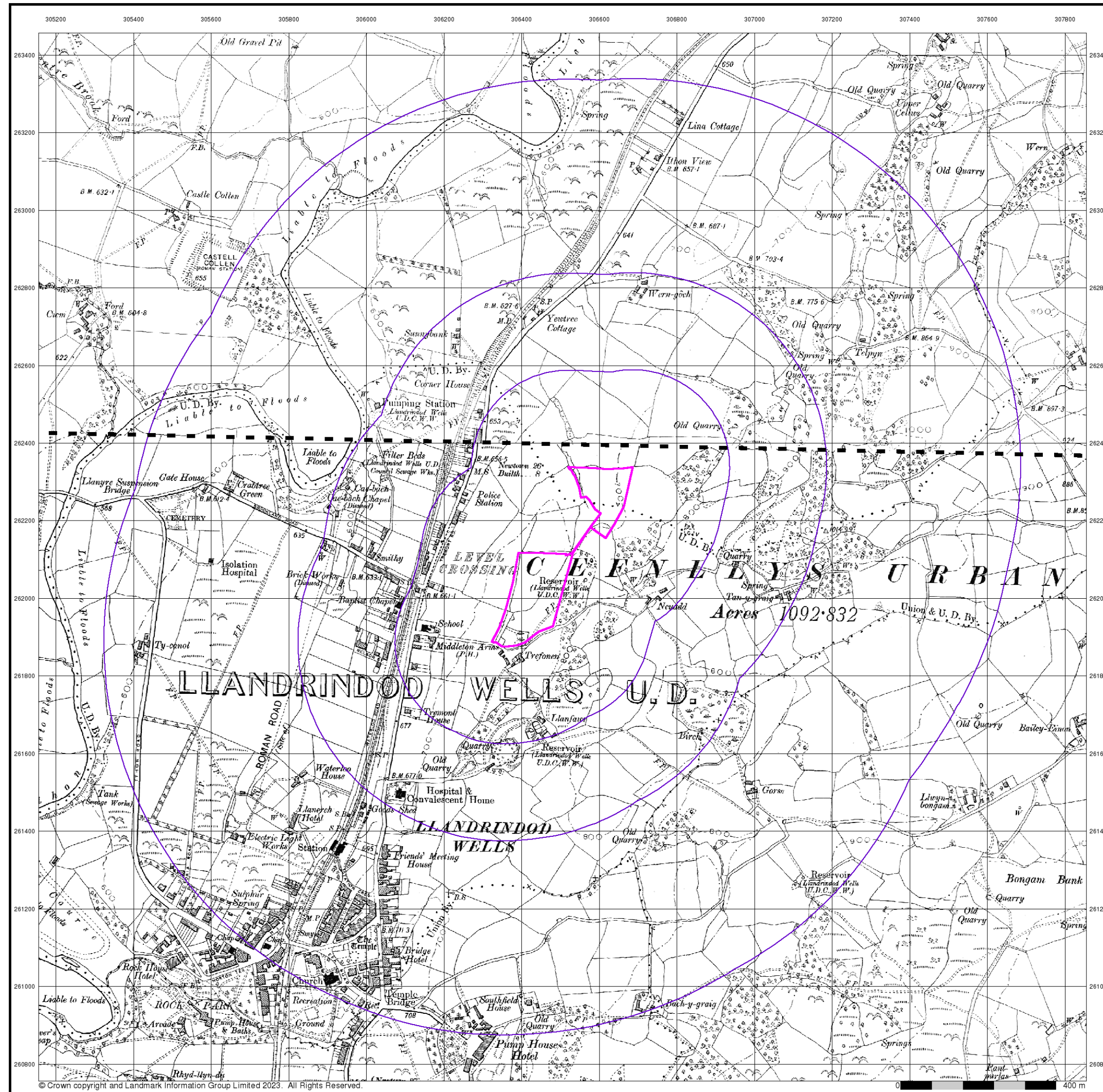


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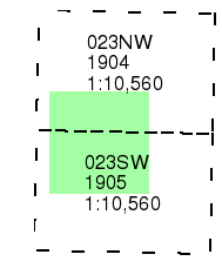
### Radnorshire

Published 1904 - 1905

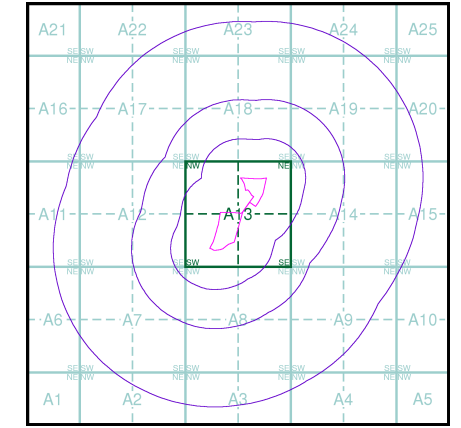
Source map scale - 1:10,560

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: 322994750\_1\_1  
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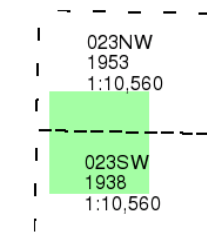
### Radnorshire

Published 1938 - 1953

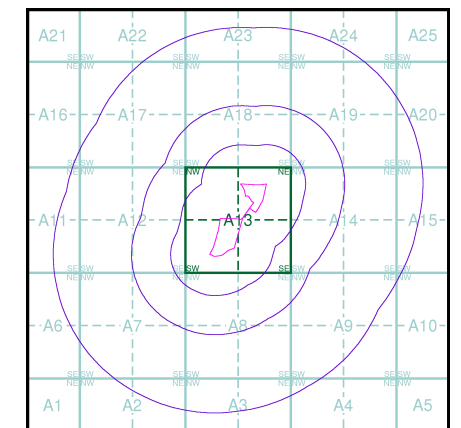
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



### Order Details

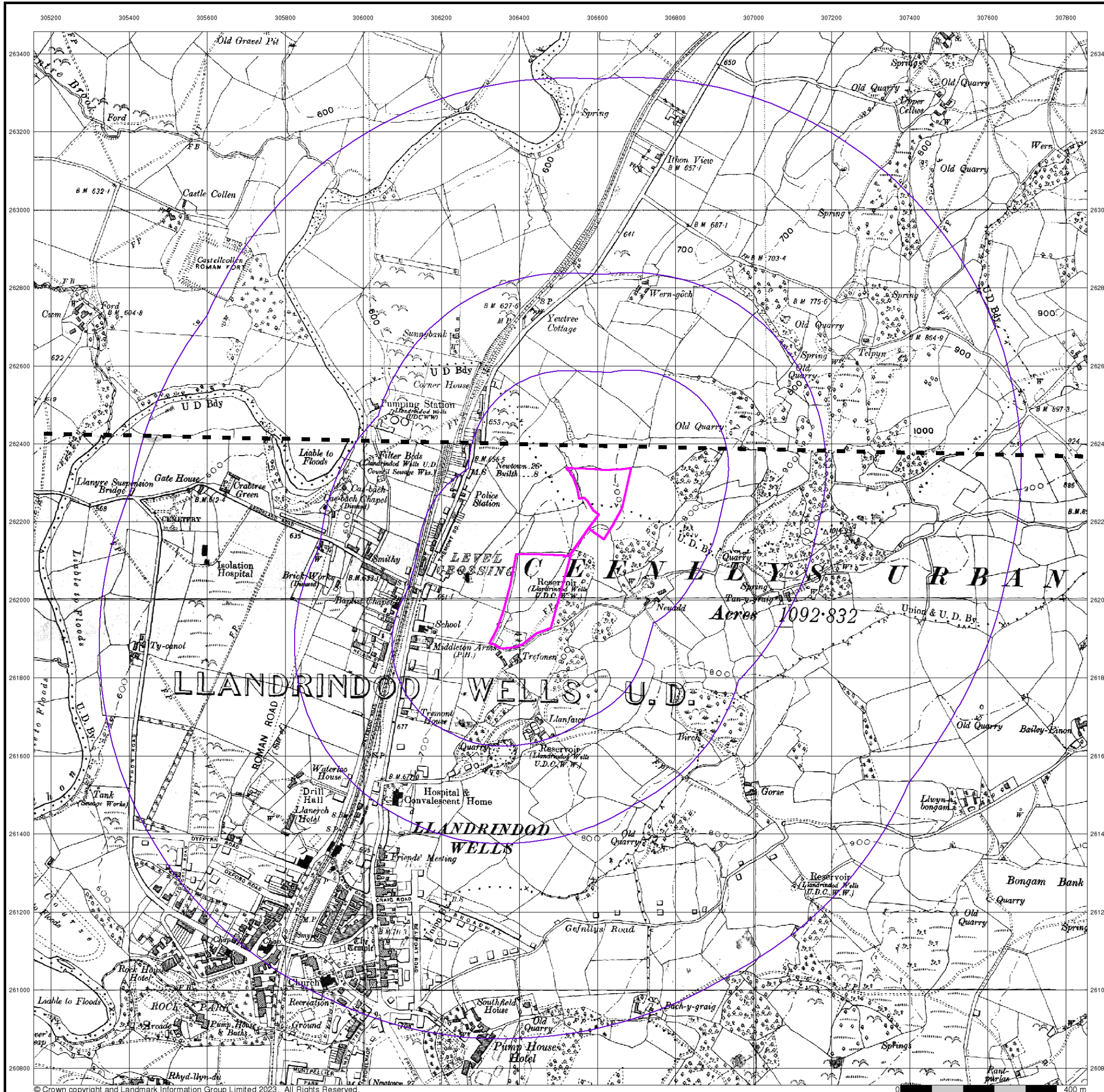
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Site Area (Ha): 4.66  
Search Buffer (m): 1000

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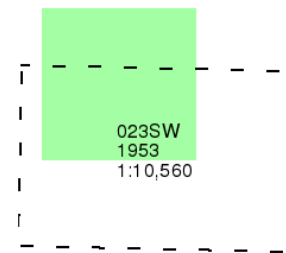
### Radnorshire

Published 1953

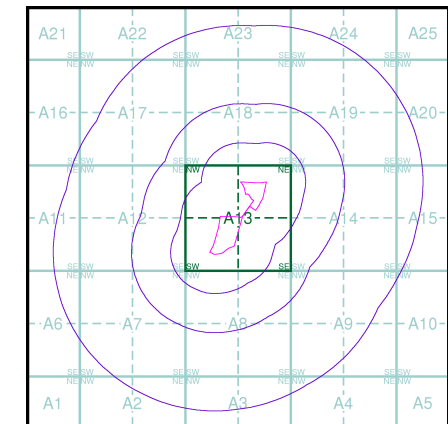
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



### Order Details

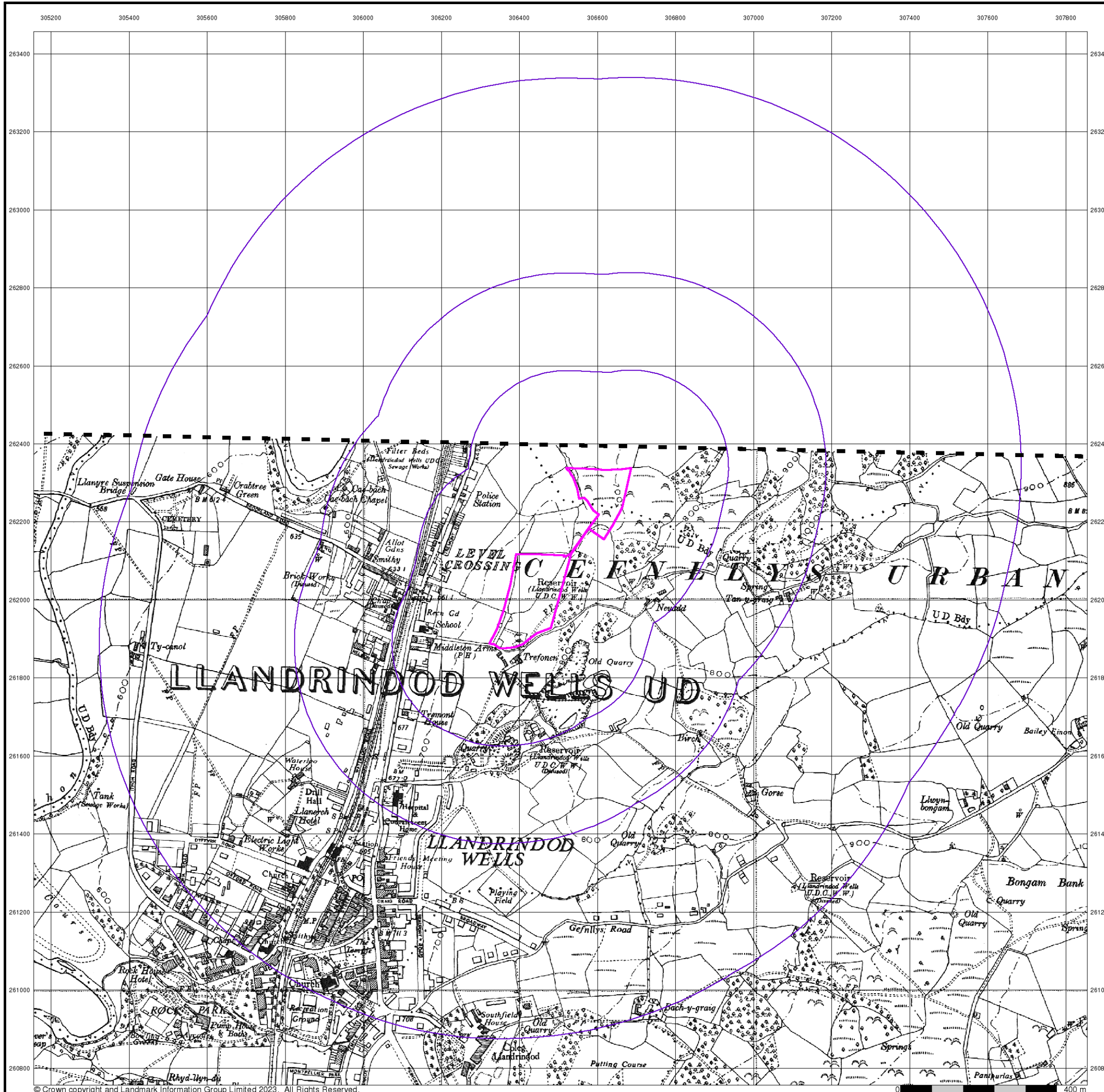
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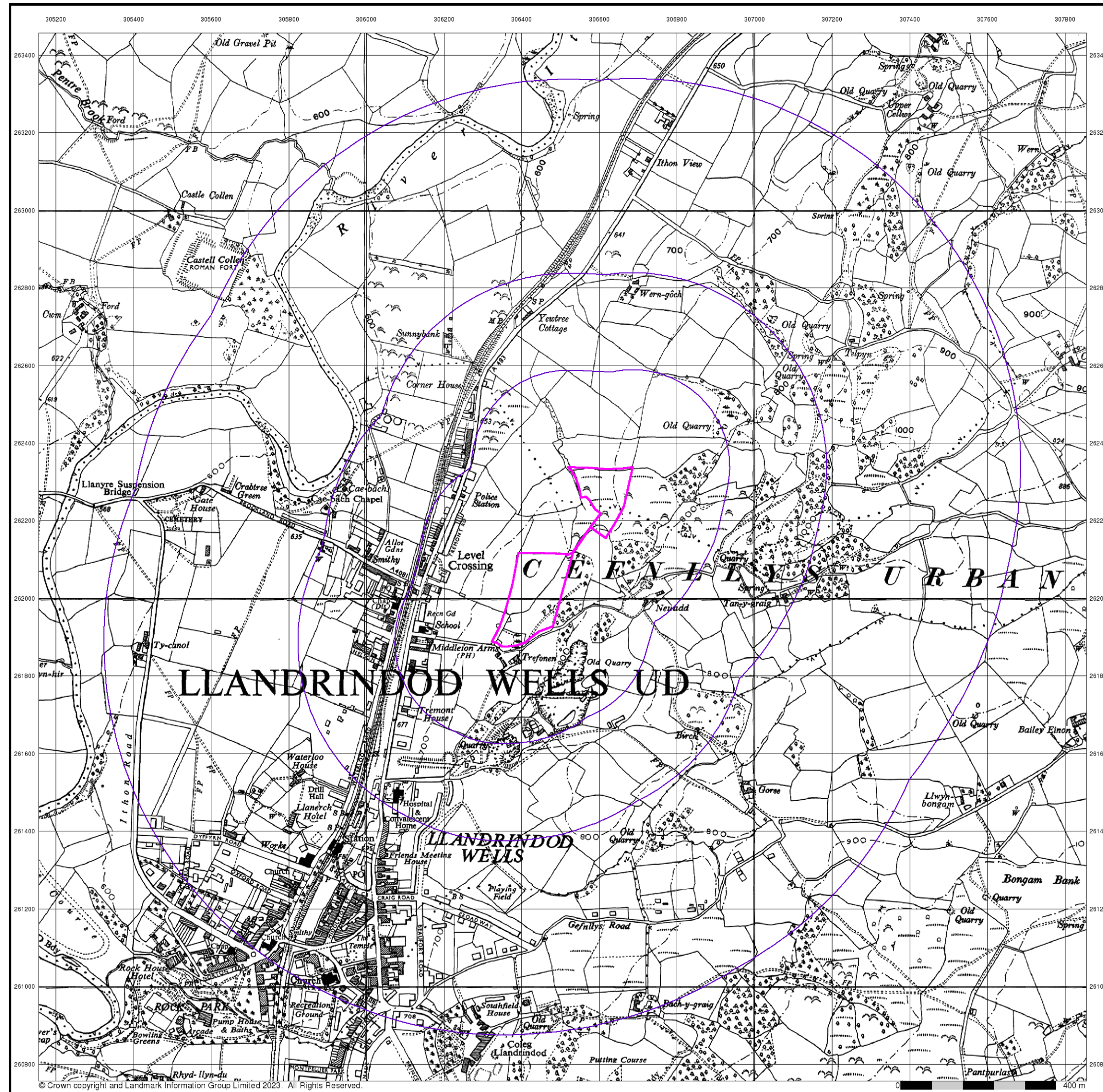
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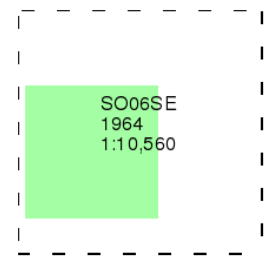
### Ordnance Survey Plan

Published 1964

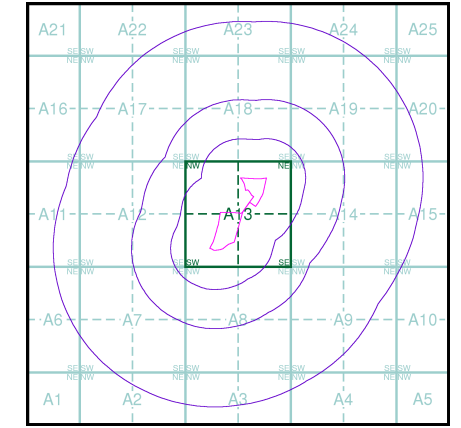
Source map scale - 1:10,000

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: 322994750\_1\_1  
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 Site Area (Ha): 4.66  
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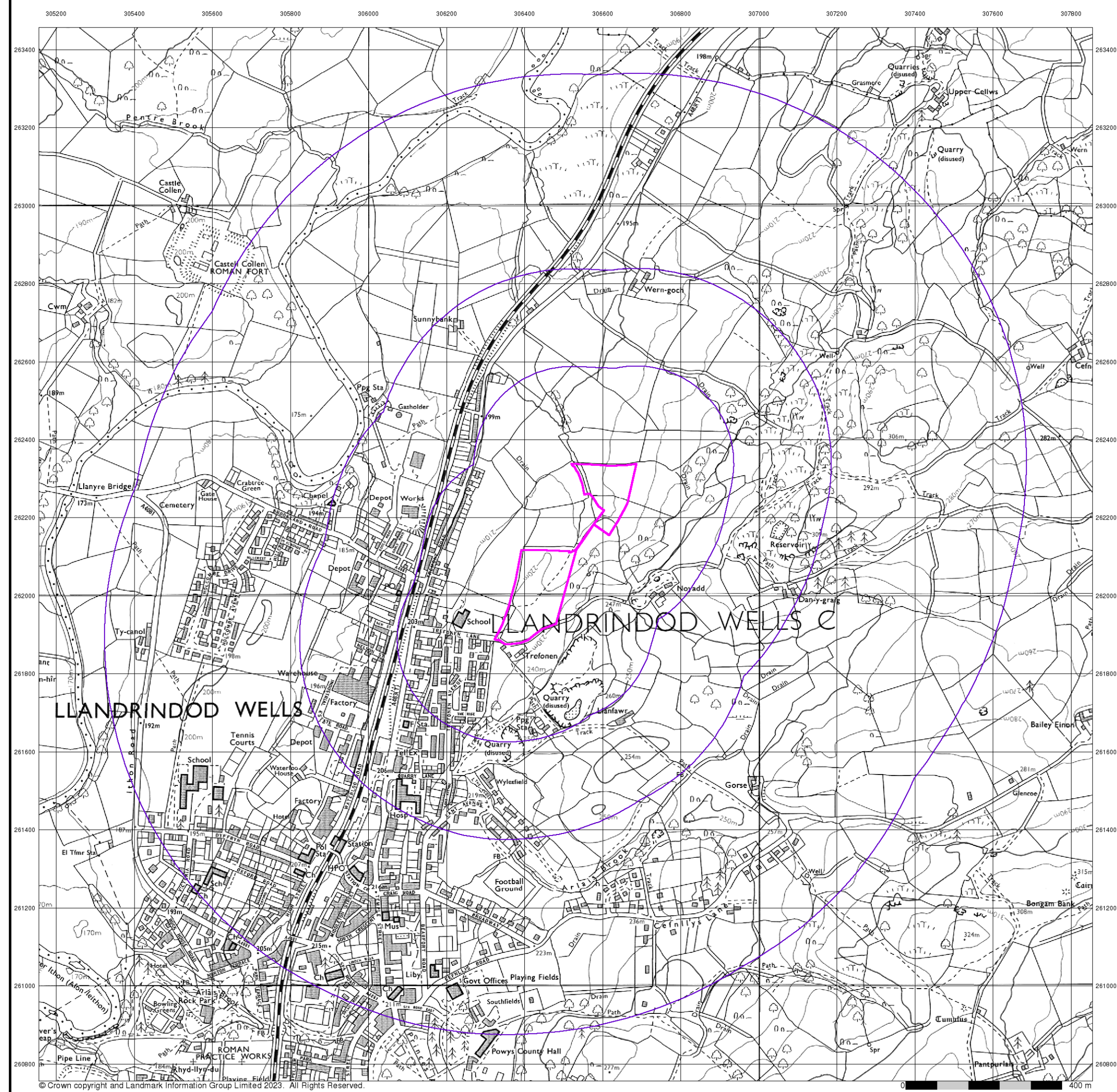
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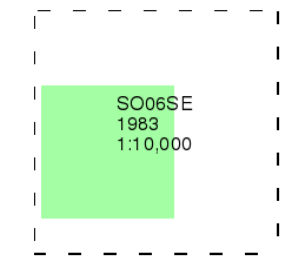
**Ordnance Survey Plan**

**Published 1983**

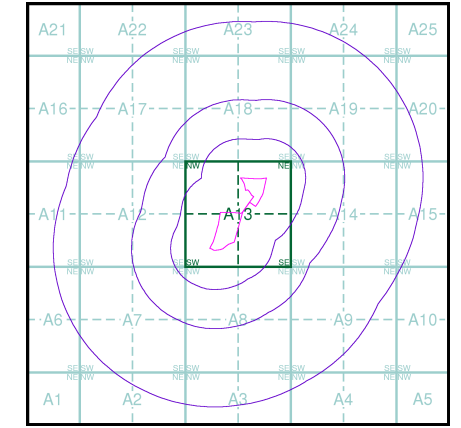
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



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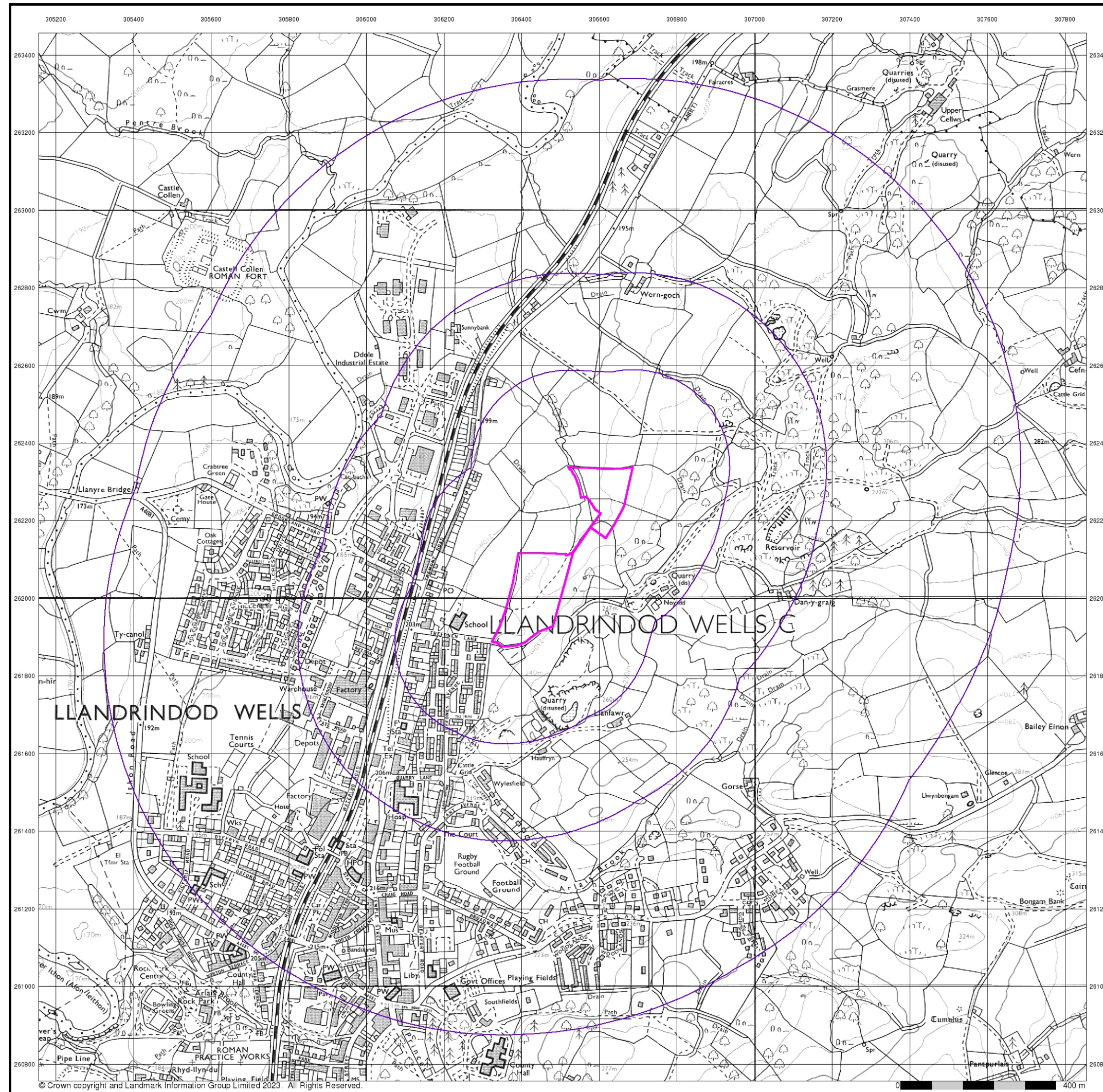
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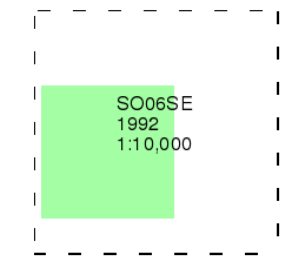
### Ordnance Survey Plan

Published 1992

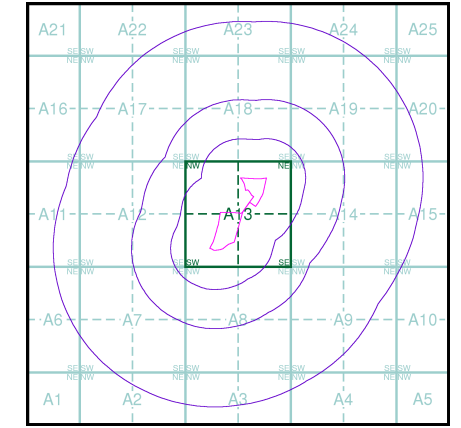
Source map scale - 1:10,000

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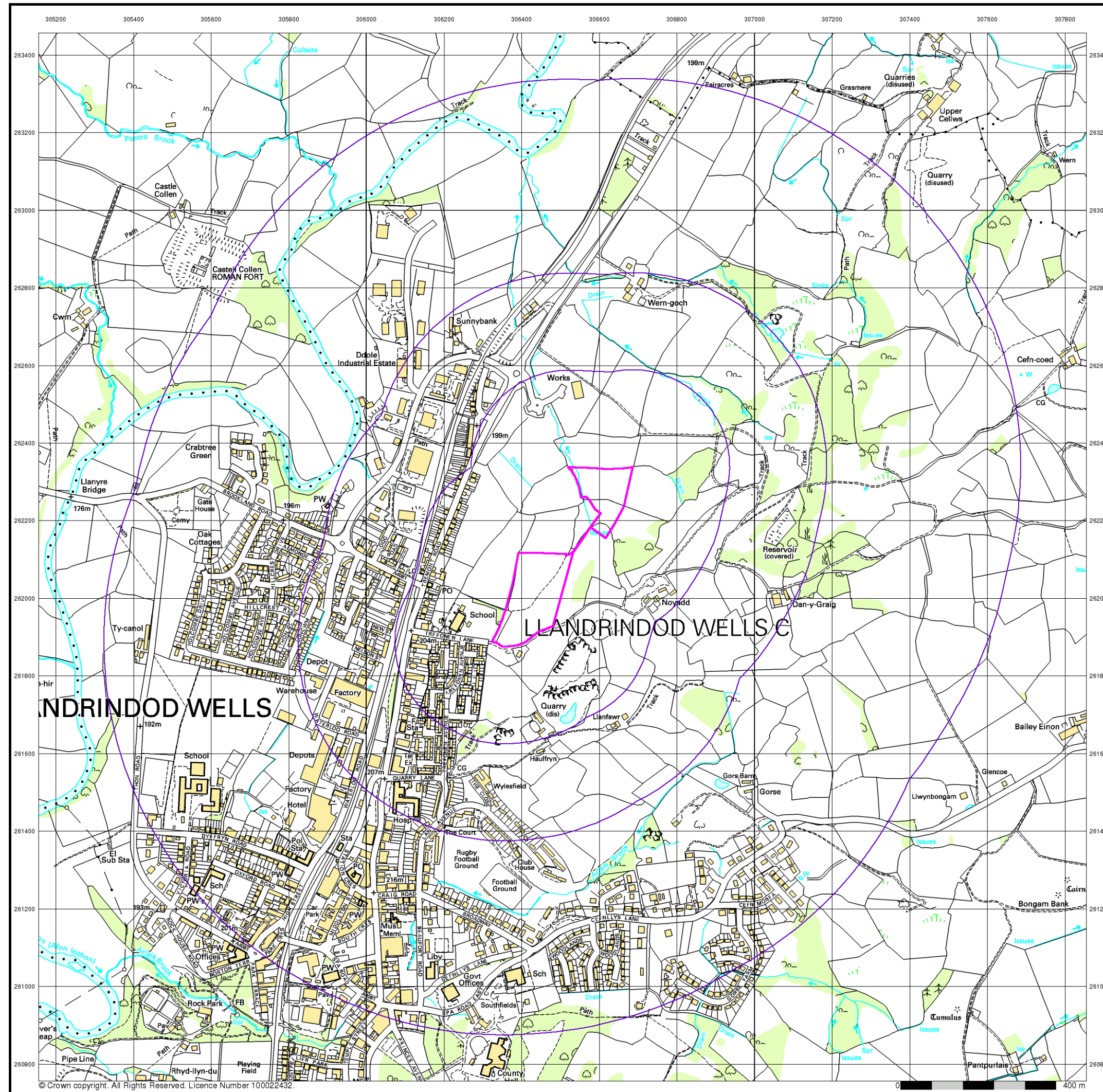
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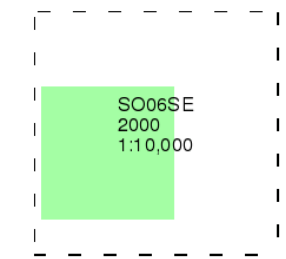
### 10k Raster Mapping

Published 2000

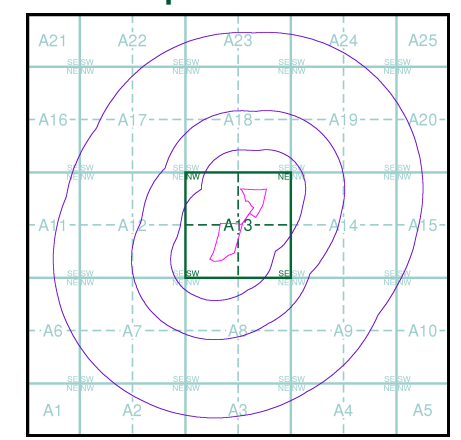
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
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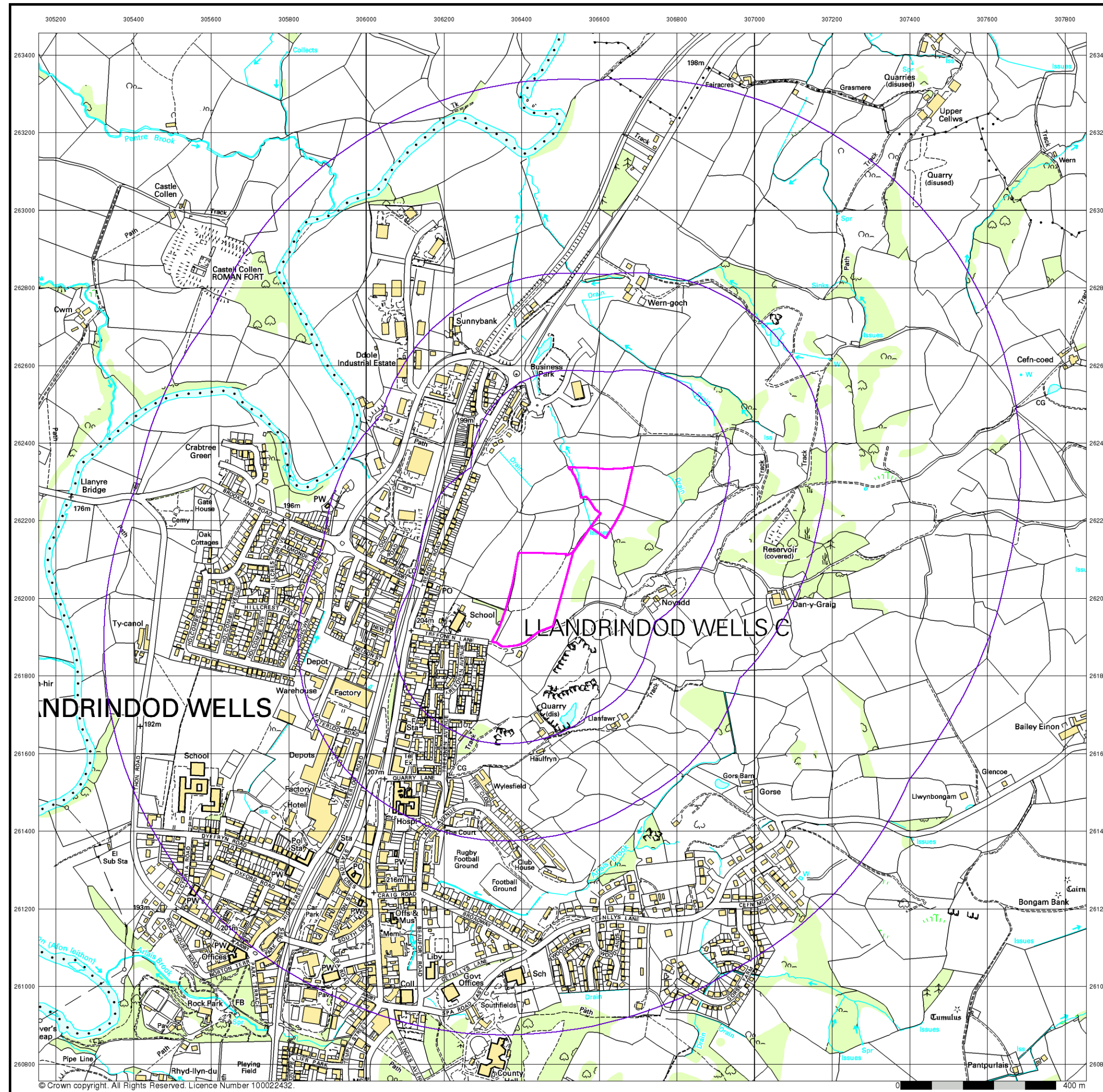
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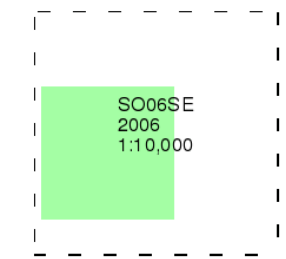
### 10k Raster Mapping

Published 2006

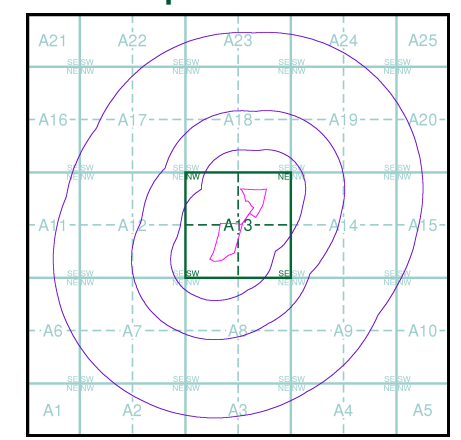
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

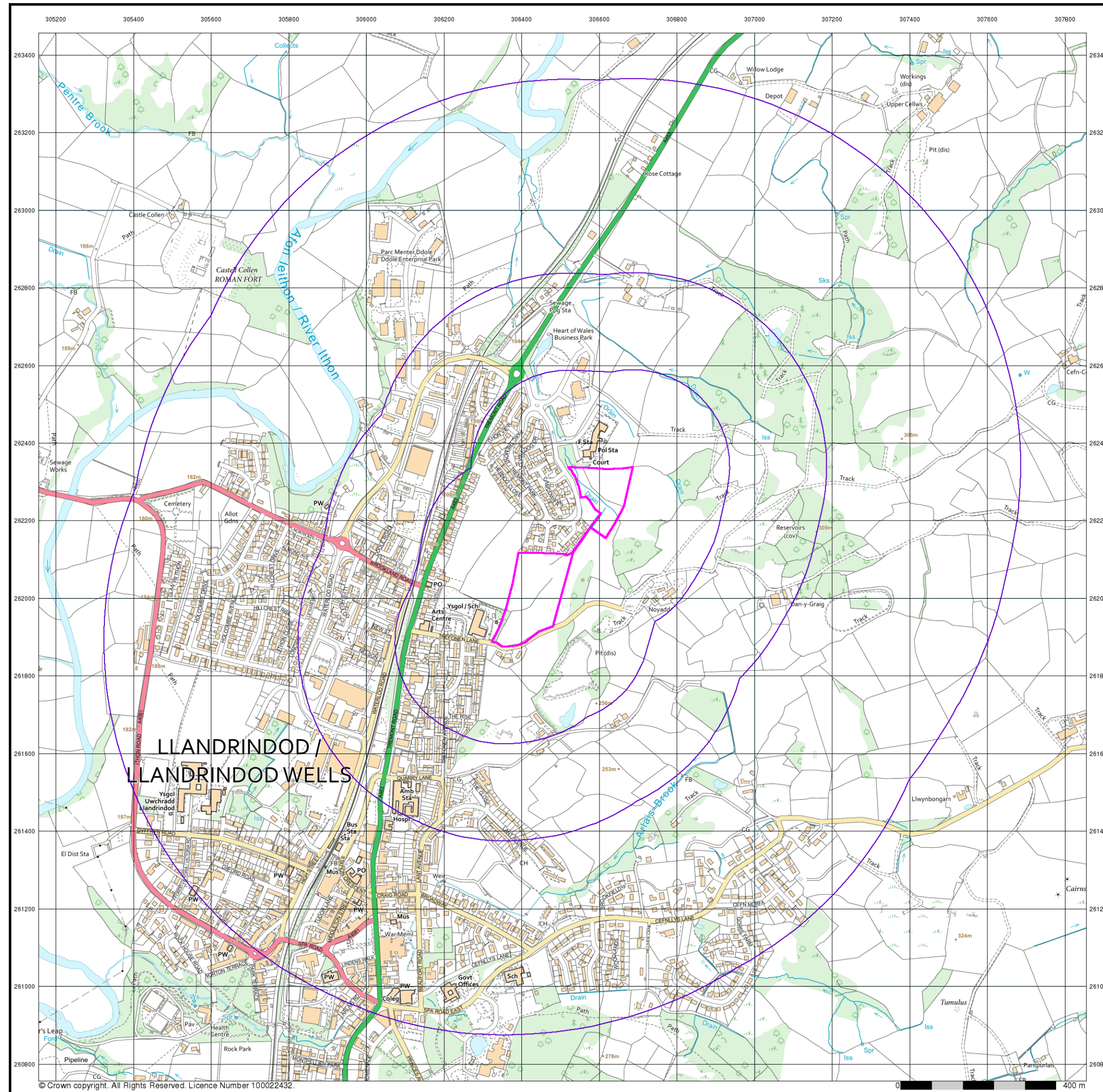
### Site Details

Site at 306440, 262060



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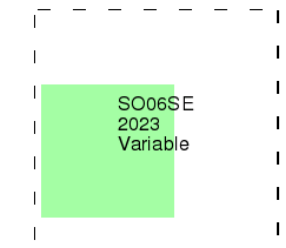
### VectorMap Local

Published 2023

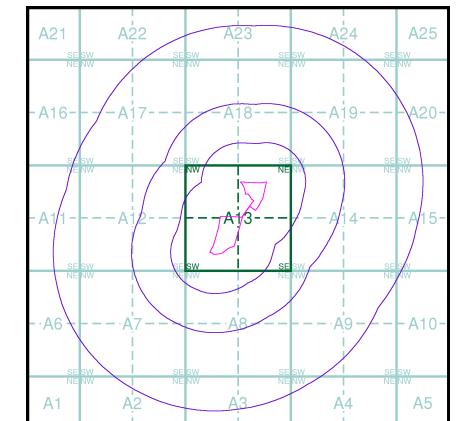
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

### Site Details

Site at 306440, 262060



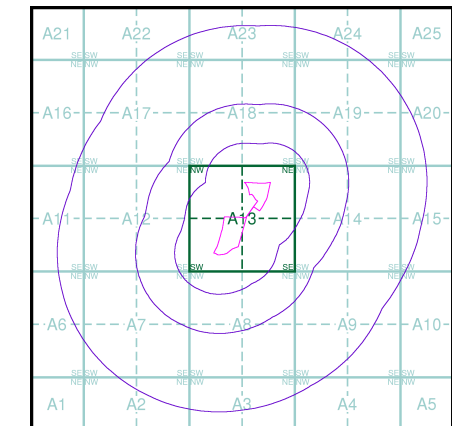
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Discharge Consent
  - Enforcement or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

### Site Sensitivity Map - Slice A

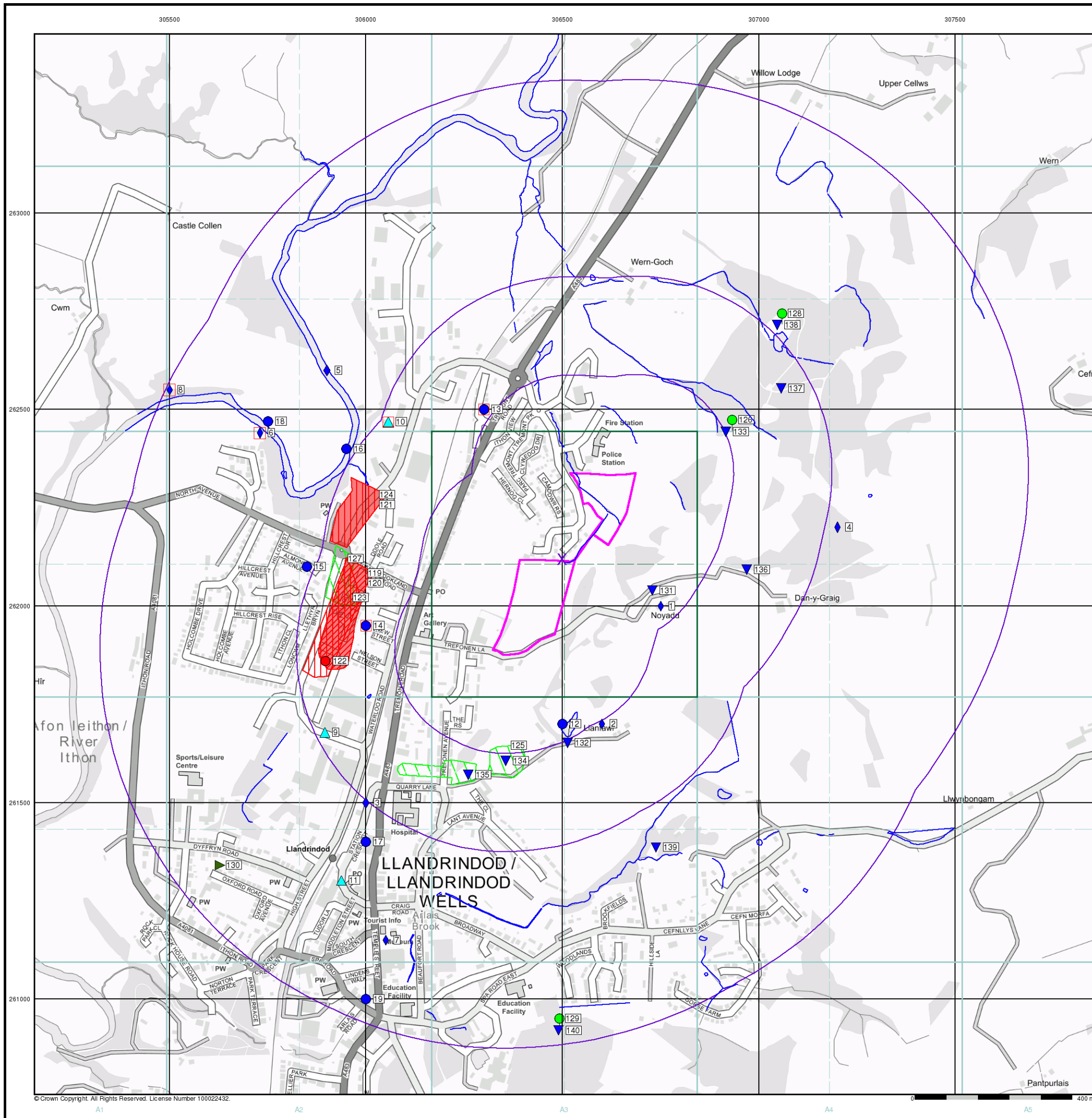


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 Slice: A  
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 Search Buffer (m): 1000

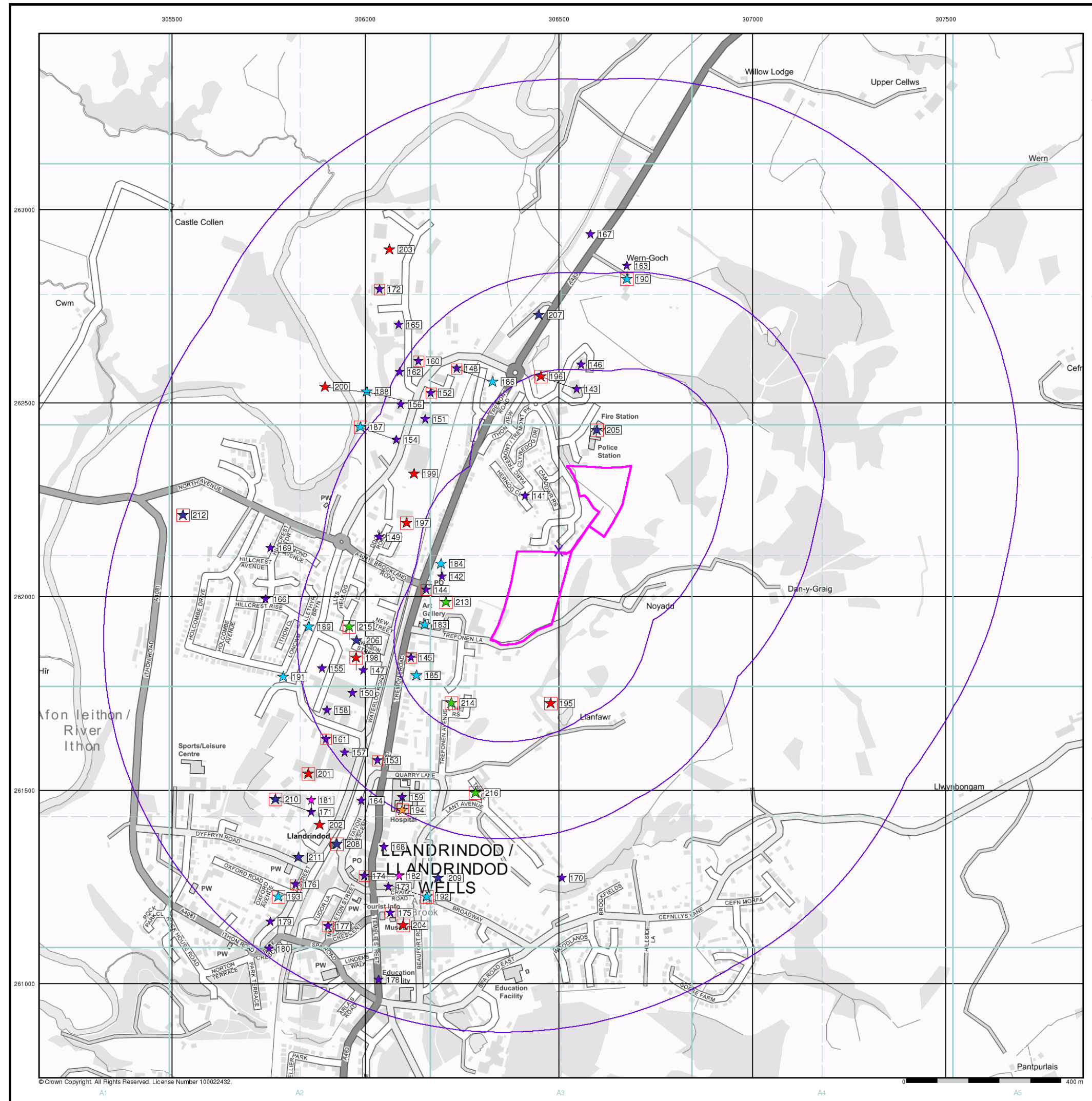
### Site Details















Site at 306440, 262060



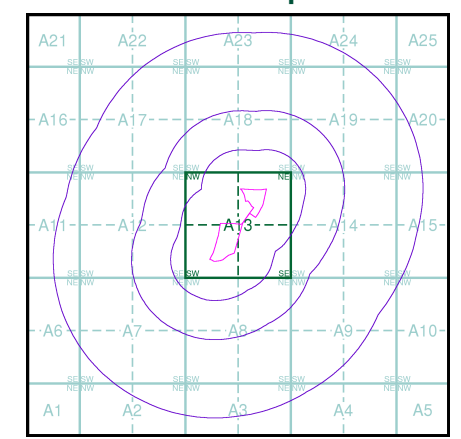
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- General**
-  Specified Site
  -  Specified Buffer(s)
  -  Bearing Reference Point
  -  Slice
  -  Map ID
- Industrial Land Use**
-  Contemporary Trade Directory Entry
  -  Fuel Station Entry
  -  Gas Pipeline
  -  Points of Interest - Commercial 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**



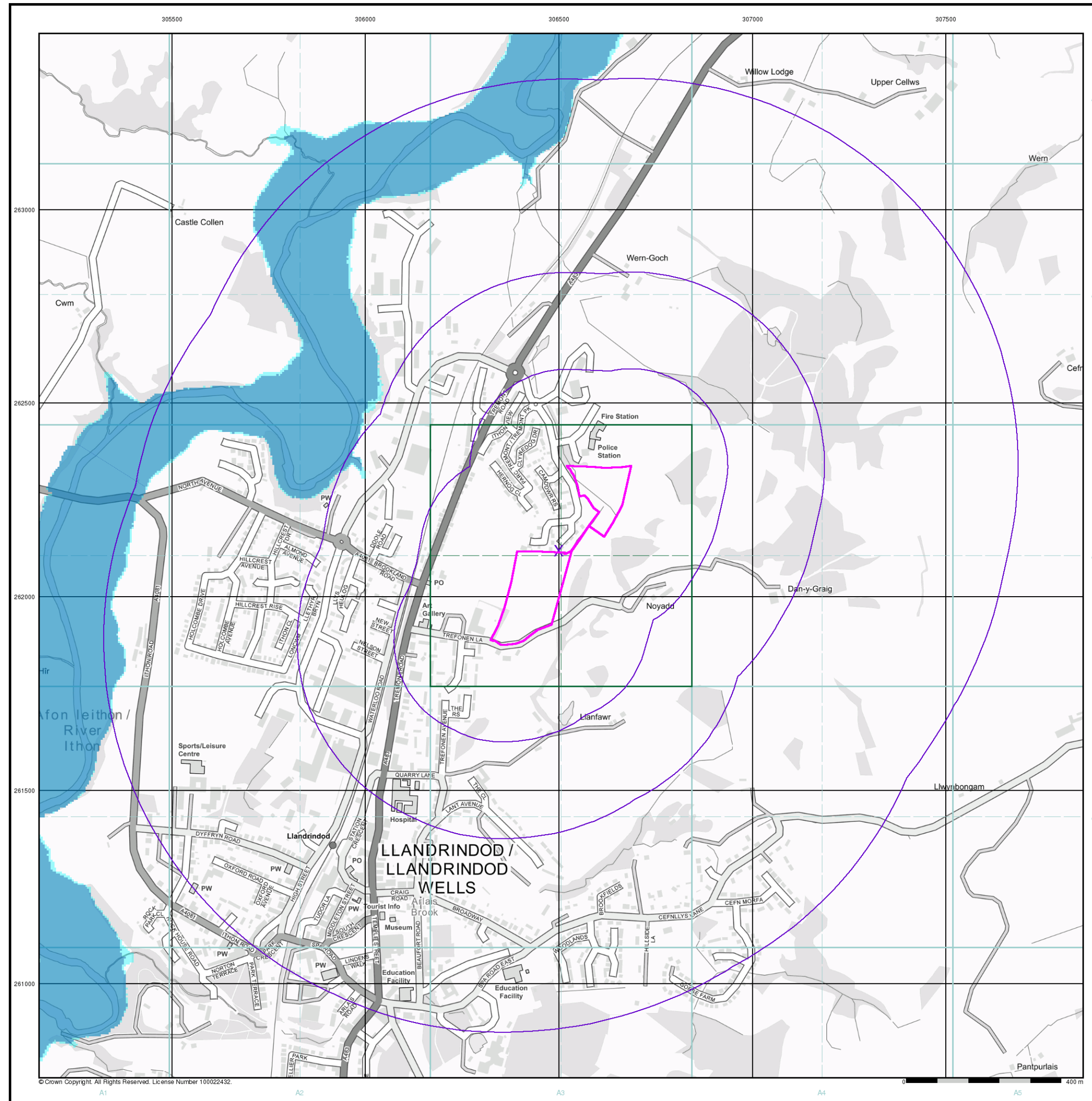
**Order Details**




Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
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 Site Area (Ha): 4.66  
 Search Buffer (m): 1000






**Site Details**

Site at 306440, 262060

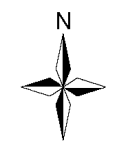
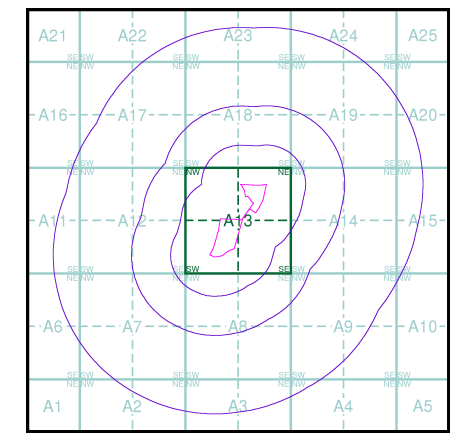




- General**
-  Specified Site
  -  Specified Buffer(s)
  -  Bearing Reference Point

- 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**



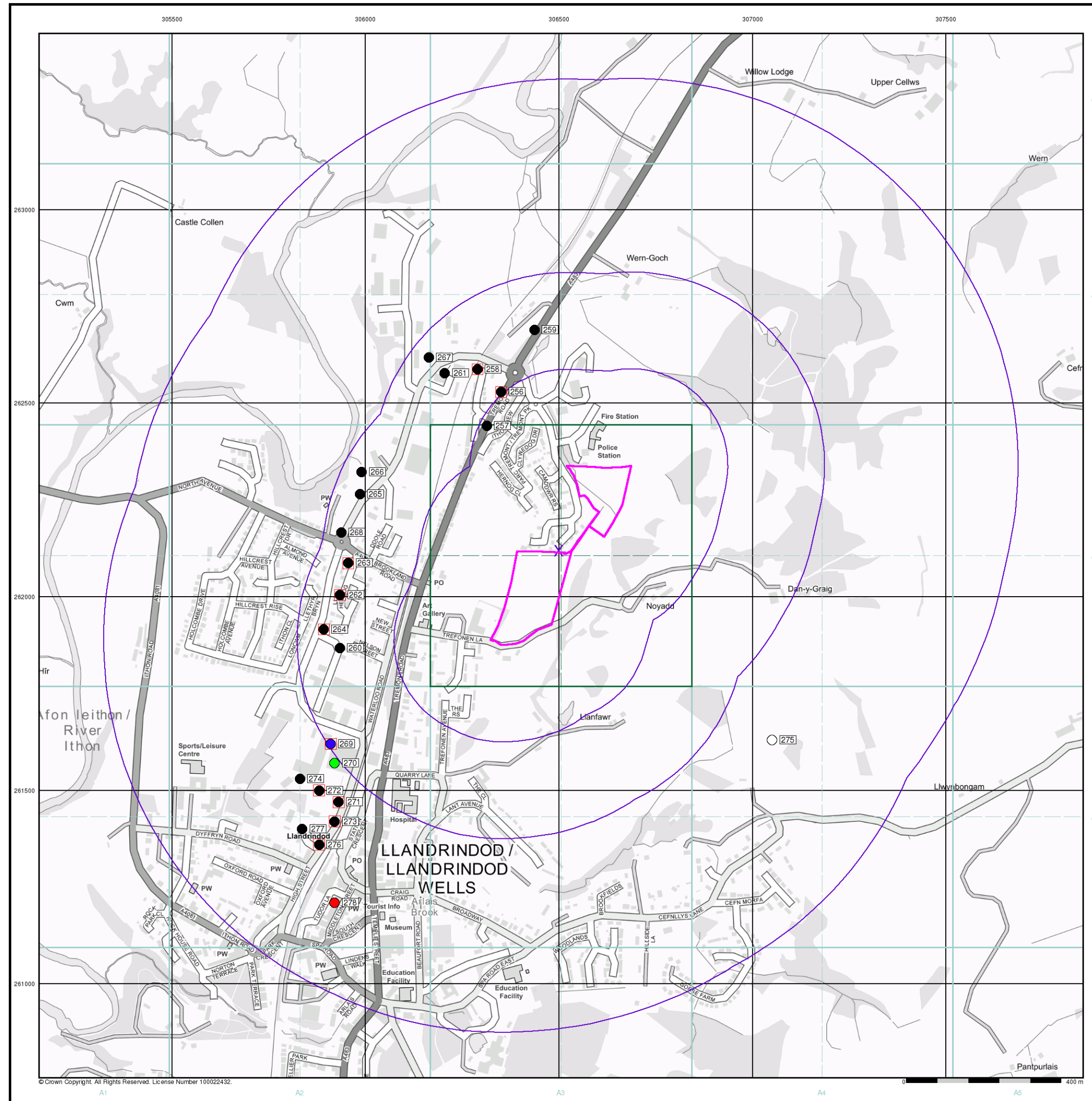
**Order Details**

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000






**Site Details**

Site at 306440, 262060










**General**

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

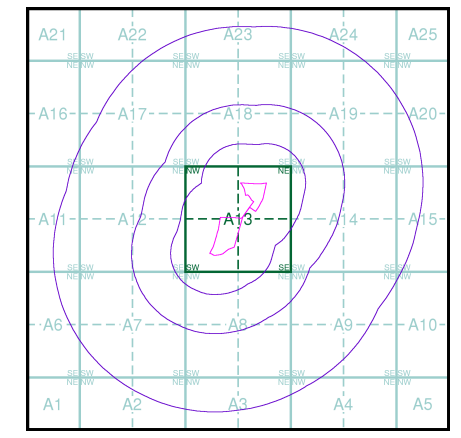
**Agency and Hydrological (Boreholes)**

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

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

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

**Borehole Map - Slice A**



**Order Details**

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

**Site Details**

Site at 306440, 262060





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**General**

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

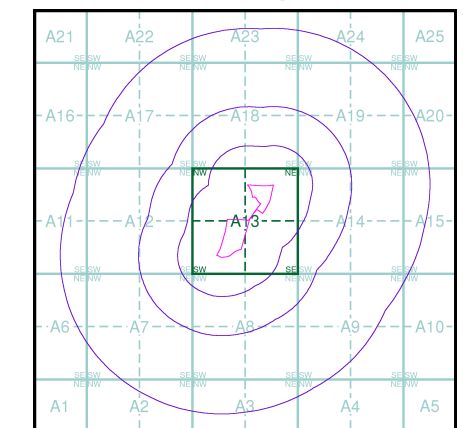
**OS Water Network Data**

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

**Contours (height in meters)**

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

**OS Water Network Map - Slice A**



**Order Details**

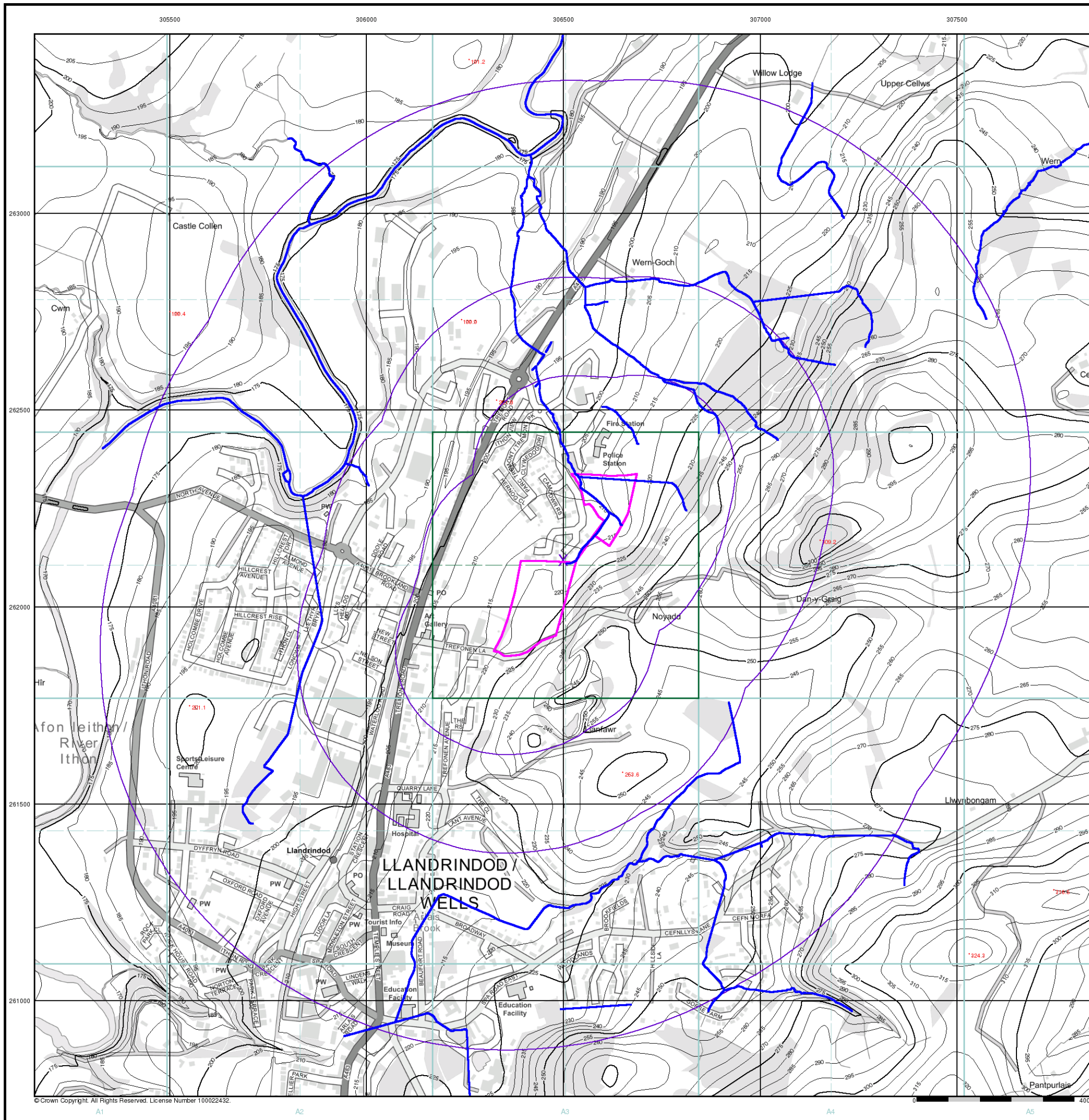
Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

**Site Details**

Site at 306440, 262060






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**General**

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

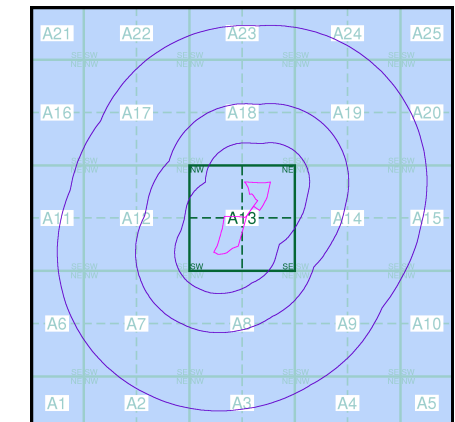
**Risk of Flooding from Surface Water**

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

**Suitability**

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

**EANRW Suitability Map - Slice A**

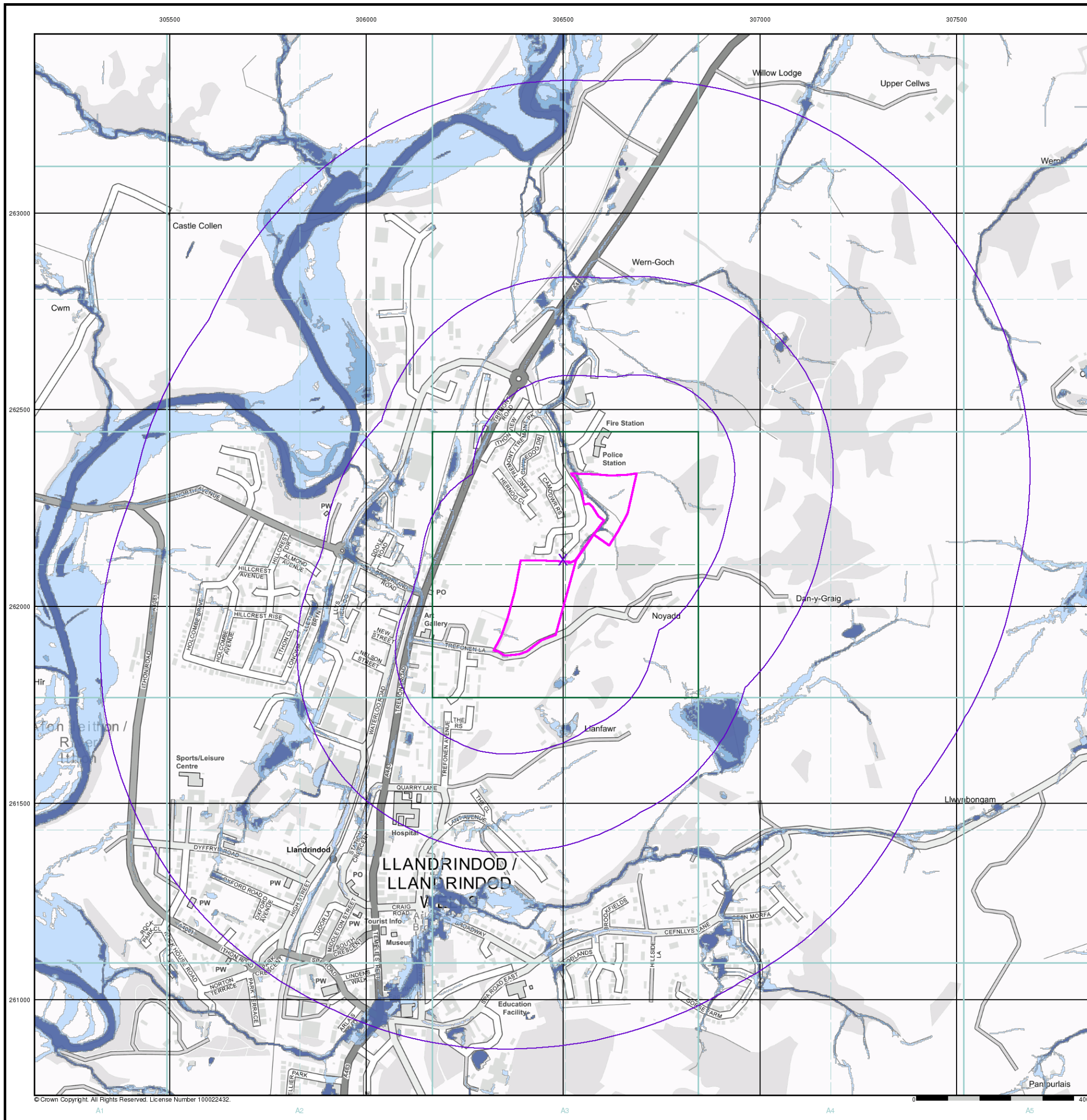


**Order Details**

Order Number: 322994750\_1\_1  
 Customer Ref: 17759JR  
 National Grid Reference: 306500, 262120  
 Slice: A  
 Site Area (Ha): 4.66  
 Search Buffer (m): 1000

**Site Details**

Site at 306440, 262060



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**Annex B  
Risk Assessment Definitions**



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

Part 2A was introduced to achieve three overarching objectives:

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

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

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

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

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

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

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

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

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

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

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

## Classification of Consequence

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

## Classification of Probability

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

## Risk Assessment Matrix

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

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

### Description of Risks and Likely Actions

#### High Risk

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

#### Medium Risk

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

#### Low Risk

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

#### Near Zero Risk

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



**Annex C  
EIR Search**



**Gwilym Davies**

*Pennaeth Eiddo, Cynllunio a Gwarchod y Cyhoedd*  
Head of Property, Planning & Public Protection

Mr Chris Pilkington  
Terra Firma Wales Ltd  
Email only

**Gwasanaeth Iechyd yr Amgylchedd/**

**Environmental Health Service**

**Cyngor Sir Powys County Council**

**Y Gwalia/ The Gwalia,**

**Ffordd Ieithon/ Ithon Road,**

**Llandrindod/ Llandrindod Wells,**

**POWYS. ID1 6AA**

*Ffôn / Tel :* 01597 827645

*Ffacs / Fax :*

*E-bost / E-mail :* david.jones1@powys.gov.uk

*Eich cyf / Your ref :*

*Ein cyf / Our ref :* DJ/WK202316703

*Dyddiad / Date :* 20th December 2023

*Os yn galw gofynnwch am /*

If calling please ask for : David Jones

Re: EIR Land off Tremont Park, Llandrindod Wells

Time taken = 1 hour

You have made the following request for information:

'We are currently undertaking a desk study for a parcel of land off Tremont Park, Llandrindod Wells. The grid reference for the site is 306500, 262120. Plan also attached.

Please could you confirm if the LA is aware of any 'Part 2A Contaminated Land' or potentially contaminated land within 250m radius of the site boundary?"

There are no site formally determined as Contaminated Land as described under Part 2A of the EPA 1990 within 250m of the subject site.

Potentially contaminated land within 250m of the subject site is shown below:

Feature	NGR
General quarrying, mining & quarrying	306730, 262050 & 306540, 261800
Factory or works	306140, 262220

Yours sincerely

**David Jones**

**Senior Contaminated Land Officer – Environmental Health**

Yn agored a blaengar - Open and enterprising

[www.powys.gov.uk](http://www.powys.gov.uk)

Cysylltwch â ni yn Gymraeg neu yn Saesneg. Ni fydd cysylltu yn Gymraeg yn arwain at oedi.

Contact us in Welsh or in English. Contacting in Welsh won't lead to a delay.



Er mwyn cyflenwi gwaith Gwasanaeth Iechyd yr Amgylchedd, mae angen prosesu data personol yn unol â'r ddeddfwriaeth berthnasol. Bydd y wybodaeth hon yn cael ei chadw yn unol â'r ddeddfwriaeth, a rhestr cadw gwybodaeth y Cyngor. Os oes gennych unrhyw bryder ynghylch y defnydd a wneir o'ch data personol cysylltwch â'r Swyddog Diogelu Data trwy anfon e-bost at [Information.Compliance@powys.gov.uk](mailto:Information.Compliance@powys.gov.uk) <<mailto:Information.Compliance@powys.gov.uk>> neu ffoniwch 01597 826400. Sylwch fod modd dod o hyd i ragor o wybodaeth am Ddiogelu Data a Phreifatrwydd yn y cyfeiriad gwe canlynol: <http://www.powys.gov.uk/privacy>

In order to deliver the Environmental Health Service, it is necessary to process personal data in accordance with the relevant legislation. Information held will be retained in accordance with the legislation and the Councils retention schedule. If you have any concerns regarding the use of your personal data please contact the Data Protection Officer by email at [Information.Compliance@powys.gov.uk](mailto:Information.Compliance@powys.gov.uk) or by phone at 01597 826400. Please note that further information on the Data Protection and Privacy can be found at the following address: <http://www.powys.gov.uk/privacy>



**DRAWINGS**





**Terra Firma (Wales) Ltd.** 5 Deryn Court, Wharfedale Road, Pentwyn, Cardiff CF23 7HA  
Tel: 029 2073 5354 Fax: 029 2073 5433 Email: [info@terrafirmawales.co.uk](mailto:info@terrafirmawales.co.uk) [www.terrafirmawales.co.uk](http://www.terrafirmawales.co.uk)