

# Caulmert Limited

Engineering, Environmental & Planning  
Consultancy Services

**Land Adjacent to H-Pack, Davy Way, Llay, Wrexham, LL12 0PG**

**H-Pack Packaging UK Ltd.**

**Erection of 1no B8 Storage and Distribution Building and Associated Access  
and External Works at Land Adjacent to H-Pack, Davy Way, Llay**

## **PHASE I GEO-ENVIRONMENTAL REPORT**

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**Site:** Land Adjacent to H-Pack, Davy Way, Llay, Wrexham, LL12 OPG

**Client:** H-Pack Packaging UK Ltd.

**Project Title:** Erection of 1no B8 Storage and Distribution Building and Associated Access and External Works at Land Adjacent to H-Pack, Davy Way, Llay

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- Appendix 1**      Envirocheck Report with Historical Maps
- Appendix 2**      The Coal Authority – Coal Mining Report
- Appendix 3**      Site Walkover Photographs
- Appendix 4**      Historical Boreholes (BGS)

## 1.0 INTRODUCTION

### 1.1 Details of Commission

- 1.1.1 Caulmert Ltd were commissioned by H-Pack Packaging UK Ltd (“the Client”) to undertake a Phase I Desk Study at land located within Llay Industrial Estate, north of Wrexham (“the Site”). A site location plan is provided as Figure 1.
- 1.1.2 The Client is proposing to develop a new warehouse facility (Development Site) adjacent to the existing H-Pack warehouse and manufacturing building. The proposed footprint of the new warehouse is approximately 14,860m<sup>2</sup>. The height of the warehouse is to be determined however to ensure functionality the warehouse will be a minimum of 15m in height. In addition, the development will include associated service yard and staff parking to the south (135 bays) and additional staff parking to the north (20 bays).
- 1.1.3 A number of options are being considered with regards to the proposed, new access. These options are summarised below:
- New access from Rackery Lane to accommodate both HGV and cars.
  - Modify, the existing access from Davey Way to provide safe two-way HGV movements and modify the existing Rackery Lane access to accommodate cars only.
  - As above, but with all vehicle access via the Davey Way access point.
- 1.1.4 The rest of the existing site roads are to be retained. Other modifications to existing parking arrangements would include the removal of end bays in the road along the north-western boundary of the Site, and the removal of some end bays in the existing car park to the east to accommodate possible Site access from Rackery Lane.
- 1.1.5 For the purpose of this desk study “the Site” includes the whole area of the existing H-Pack site. The proposed “Development Site” comprises the western part of the Site and includes the proposed warehouse, associated car parks and access roads. The layout of the Site and the proposed Development Site layout are shown in Figure 2 and Figure 3 respectively.
- 1.1.6 This report is based on the following information sources:
- i. A Envirocheck report, ref. no. 296712719/09.06.2022 (Appendix 1), including geological, environmental data and historical maps.
  - ii. A Coal Mining Report, ref. no. 296712719/09.06.2022 (Appendix 2),
  - iii. Information obtained from online sources:

- British Geological Survey (BGS) website – <http://mapapps2.bgs.ac.uk/geoindex/home.html>;
- Boreholes logs – “Report of Soils and Foundation Conditions” 1984, Soils and Materials Testing Ltd – obtained from the BGS website (Appendix 3);
- Grid Reference Finder website – <https://gridreferencefinder.com>;
- DEFRA maps website – <https://magic.defra.gov.uk>;
- Coal Authority - Interactive Map Viewer | Coal Authority ([bgs.ac.uk](https://bgs.ac.uk));
- UKradon website (UK Health Security Agency) – <https://www.ukradon.org>;
- Zetica UXO Risk Maps – <https://zeticauxo.com/downloads-and-resources/risk-maps/>;
- Natural Resources Wales Flood Risk Map Viewer – <https://maps.cyfoethnaturiolcymru.gov.uk/>

## 1.2 Limitations of this Study

- 1.2.1 This report is solely for the use of the Client and should not be relied upon by third parties without prior written consent from Caulmert.
- 1.2.2 Information used within this report has been gathered from data sets compiled by third party organisations and purchased on behalf of the Client. The validity and accuracy of this third-party information is outside the control of Caulmert.
- 1.2.3 Interpretation and recommendations contained within this report should not be assumed valid for adjacent areas of land or alternative land uses. They are based upon the proposed layout provided to Caulmert at the time of compiling this report.

## 1.3 Objectives of Report

- 1.3.1 The objective of this report is to assess potential environmental and geotechnical liabilities associated with the proposed development in support of a potential planning application and to aid in the design of the ground investigation for the future Development.

## 1.4 Scope of Report

- 1.4.1 The scope of works consists of the following:
- a review of third-party information;
  - a site walkover survey;
  - an assessment of potential sources of pollutants on the Site and in the immediate surrounding area; and
  - derivation of a preliminary conceptual site model (CSM) identifying potential sources, pathways, and receptors of contaminants.

## 2.0 SITE LOCATION AND DESCRIPTION

### 2.1 Site Description and location plans.

- 2.1.1 The Site is irregular in shape comprising the existing H-Pack warehouse, existing car park, access roads, electrical substation, and an open field partially occupied by a football pitch, which is the area of the proposed main development – new warehouse, service yard and car parks (Development Site).
- 2.1.2 A selection of site walkover photographs is presented in Appendix 3.
- 2.1.3 Generally, the area is a mix of industrial land use and the open undeveloped land used as local amenity (football pitch).
- 2.1.4 The Site is bounded by agricultural lands to the north and north-west where the Site boundary is defined by an un-named watercourse with overgrown vegetation. The north-eastern boundary is formed by Rackery Lane and is separated from the Site by mature trees and a fence. The south of the Site is bounded by SHARP plc's manufacturing facility comprising a warehouse, access roads, and car parks. The southern tip of the Site links with Davy Way, and to the south-east is bounded by industrial warehouses forming part of the Llay Industrial Estate.
- 2.1.5 The immediate surrounding area is a mix of industrial (Llay Industrial Estate to the south and south-west) and agricultural land use (agricultural field to the northwest, north and east).
- 2.1.6 The Site location plan is presented as Figure 1 below and the Site details in the Table 1.



Figure 1: Site Location Plan (DEFRA maps website).



Figure 2: Google Earth Image 2021.





- 2.2.4 The Development Site was observed as an open field which included a football pitch on it's western. The majority of the Development Site is covered by grass however some discrete concrete slabs were observed across the area.
- 2.2.5 The open field is bound to the west, to the north and to the east by access roads.
- 2.2.6 The access road to the north is partially occupied by temporary storage units.
- 2.2.7 There is an old storage building to the north-western corner of the Development Site.
- 2.2.8 Currently, HGV, car and pedestrian access is from Davy Way to the South.
- 2.2.9 The rest of the Site, to the east of the Development Site is occupied by the existing H-Pack warehouse, access roads, and H-Pack car park at the eastern end of the wider Site.

**Table 1. Site Details**

Site Details	
Address	Land Adjacent to H-Pack, Davy Way, Llay, Wrexham, LL12 0PG
National Grid Reference	332 350; 356 860
Local Authority	Wrexham County Borough Council
Site Area	ca. 3.54 Ha – development area
Current Nature of the Site	The Site comprises an open field to the west, currently occupied partially by a football pitch to the east, which is the main Development Site for the proposed warehouse, including access roads. The rest of the Site is occupied by the existing H-Pack warehouse, existing access roads, H-Pack car park, a landscaped area to the north-east and the electrical substation to the south-west
Surrounding Area	<p>North: open agricultural fields</p> <p>North-west: open agricultural fields</p> <p>South-west: Llay Industrial Estate, warehouses, access roads, car parks.</p> <p>South: Sharp Manufacturing warehouse with associated access roads and car parks.</p> <p>East: Rackery Lane (B5373), agricultural fields, and occasional residential houses along Rackery Lane.</p> <p>East: open agricultural fields</p>
Proposed Use	Industrial: a new warehouse facility adjacent to existing H-Pack warehouse and manufacturing building. associated service yard and a staff parking to the south (135 bays) and additional staff parking to the north (20 bays). Optional new site access from Rackery Lane.



### 3.0 SITE HISTORY AND CURRENT STATUS

#### 3.1 Historical Development


3.1.1 A summary of significant features, developments, and land uses shown on Envirocheck historical maps is provided in Table 2 below.

**Table 2. Summary of Historical Maps**

Map		Site	Surrounds
year	scale		
1872	1:2,500	The Site is agricultural land comprising a set of fields with lines of trees along the fields' boundaries, a copse to the east with a possible watercourse, a group of two ponds surrounded by trees to the west (east of the Development Site) and a patch of osier or possible pond in the west.	The Site is surrounded by agricultural fields, a road immediately to the east, a rural cottage 50m to the south-east, farm buildings named Apothecaries Hall 200m to the north. There are a number of ponds in the surrounds, almost in all directions at variable distances.
1879	1:10,560	No significant changes to Site	The road immediately to the east is named Rackery Lane. A woodland named Bryn-y-gaer Wood is mapped 780m to the north-west. River Alyn along the riverbank woodland is about 1000m to the east. A watercourse, tributary of River Alyn is located about 350m to the north-west. Brick Works and clay pit is shown 670m to the N-NW. A railway line is shown ca. 1100m to the west.
1879-1880	1:2,500	A group of two ponds to the west (east of the Development Site) comprises now three ponds.  No other changes to surrounds.	The Apothecaries Hall 200m to the north is now named Rackery Hall.  No other changes to surrounds
1899	1:2,500	No significant changes to Site	No significant changes to surrounds
1900	1:10,560	No significant changes to Site	Brick Works and clay pit 670m to the N-NW is no longer mapped. The Bryn-y-gaer Wood mapped 780m to the north-west is now shown as quarries. An old shaft is mapped ca. 750m to the south-

			west, an old colliery shown 1000m to the south-west. Sand pit is shown 730m to the east.
1912	1:2,500	No significant changes to Site	No significant changes to surrounds
1914	1:10,560	No significant changes to Site	The Bryn-y-gaer area is shown as an old quarry with a reservoir and trees.  No other significant changes to surrounds
1938	1:10,560	No significant changes to Site	Llay Main Colliery is mapped between 300m and 500m to the SE. Housing development between 800m and 1000m to the SE.
1954	1:10,560	No significant changes to Site	Llay Main Colliery extends now between 300m and 500m to the SE with new buildings. A mineral railway bifurcation is mapped connecting the railway line N-S, a railway siding, and a refuse or slag heap extends between 300m and 700m to the south. A reservoir is shown ca. 260m to the SE. Sand pit to the east increases the surface area, and it's mapped between 550m and 750m of the Site.
1962	1:2,500	The pond in the far west of the Site is no longer shown and appears to have been infilled. The northern most pond from the group of three ponds is no longer defined and is shown as a 'marshy' area.	An osier is shown between 50m and 150m to the south-east.  No other significant changes to surrounds
1964	1:10,000	No significant changes to Site	Sand pit to the east increases the surface area to the north-west.  No other significant changes to surrounds
1968	1:10,000	No significant changes to Site	Sand pit to the east is described as <i>active workings</i> .  No significant changes to surrounds
1975	1:2,500	No significant changes to Site	The colliery buildings are no longer shown, instead, industrial buildings are mapped between

			ca. 260m and 700m to the SE along Rackery Lane, and comprising textiles factory, food products factory, engineering works, animal foods factory, offices and a garden centre.
1980-1991	1:2,500	No significant changes to Site	No significant changes to surrounds
1981	1:10,000	No significant changes to Site	The refuse or slag heap extending between 300m and 700m to the south is now shown as a disused tip. The mineral railway bifurcation and the railway siding to the south are now dismantled.  Sand pit to the east extends further to the south, now 400m of the Site.
1984	1:2,500	The Site appears to have been cleared and all the ponds have been infilled with no features shown on Site.	A factory is shown 50m south-west of the Site. Other buildings between 120m and 250m to the south. Davy Way is now mapped.
1986	1:2,500	The southern tip of the Site is occupied by a car park.  No other significant changes.	A warehouse building shown immediately to the south. The buildings and factories to the south and the south-east are named Llay Industrial Estate.
1990	1:2,500	An electric substation is mapped in the southern tip of the Site. A warehouse (current H-Pack warehouse) occupies the eastern portion of the Site. Access roads, and a car park to the north-west are shown.	Further development of the Llay Industrial Estate to the south comprising new buildings.
1991	1:2,500	Earthworks slopes are shown along the northwest, west and further to the southwest on the wider industrial estate, indicating that the Site and the wider area has been developed on a partially filled development platform, Possibly utilising colliery spoil from the former Llay Main Colliery that is been reclaimed at this time.	No significant changes to surrounds

1992	1:10,000	No significant changes to Site	Sand pit to the east extends further to the south, now 288m of the Site. And the western part is shown as filled ground.  No other significant changes to surrounds
1993	1:2,500	No significant changes to Site	No significant changes to surrounds
1996	1:2,500		
2000	1:10,000		
2006	Google Earth Image	 <p><b>Figure 4a. Google Earth Image 2006</b></p> <p>Sand pit (quarry) 390m to the east and colliery refuse heaps 340m to the south.</p>	
2022	1:10,000	No significant changes to Site	Further development of the Llay Industrial Estate to the south and the southwest comprising new buildings and access roads.

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## Historical Summary

- 3.1.2 The Envirocheck mapping shows that the Site was occupied by agricultural fields from the earliest available historical map 1872 until 1990, with three possible infilled ponds located within the Development Site.
- 3.1.3 From 1990 the Site is part of the Llay Industrial Estate and is occupied by H-pack warehouse with associated access roads and car parks.
- 3.1.4 The Development Site itself continues as a grassed open field and has never been developed.
- 3.1.5 The surrounding areas are shown as agricultural lands from 1872 until 1938. From 1938 mining activity is shown, Llay Main Colliery is mapped between 300m and 500m south of the Site. In 1954 the Colliery is shown with associated railway line and refuse and slag heaps. The mining activity ceases before 1981, in 1981 the former Colliery is shown as an area of industrial warehouses and the railway is dismantled, tips related to mining are shown as disused. The current SHARP warehouse immediately south of the Site is shown from 1986 and the area along other warehouses is named as Llay Industrial Estate.
- 3.1.6 It is evident that some fill works were undertaken to create development platforms for the Site and the wider area, and it is likely that fill material was sourced from the nearby spoil tips of the Llay Main Colliery, which was being redeveloped at this time.
- 3.1.7 A sand pit is first shown in 1900 at a distance of 730m east of the Site. From 1954 until 1981 the surface area of the sandpit (quarries) increased to the north-west and to the south. In 1992 the western part of the quarry is mapped as filled ground. The Google Earth images show the whole area of the former quarry (sand pit) as reclaimed land.
- 3.1.8 Potentially contaminative historical land uses have been identified, i.e. the historical landfill 288m to the east of the Site (555m from the Development Site), and former Colliery 250m to the south. Considering the distance to the Development Site and the surrounding historical development of the area the risk posed by these potentially contaminative uses may be considered as low.

## 3.2 Environmental Database

- 3.2.1 An Envirocheck report (ref 296712719/09.06.2022) and a Coal Mining Report (ref 296712719-2/09.06.2022) were procured and are presented as Appendix 1 and Appendix 2 respectively. The pertinent information from the reports is presented in Table 3.

**Table 3. Summary of Environmental Information**

Reference	Description
<b>Agency and Hydrological</b>	
Groundwater Vulnerability	Superficial Aquifer – low vulnerability secondary aquifer Bedrock Aquifer - low vulnerability secondary aquifer
Bedrock Aquifer Designations	Secondary Aquifer
Superficial Aquifer Designations	Secondary Aquifer Undifferentiated
Nearest surface water feature, and other watercourses	The nearest watercourse, unnamed feature, is located along the northern and the north-western boundary of the Site. Further unnamed watercourses: <ul style="list-style-type: none"> <li>• 160m to the south.</li> <li>• 365m to the north-west, tributary of Alyn River</li> <li>• 335m to the south</li> <li>• 535m to the north-east</li> </ul> Rivers: <ul style="list-style-type: none"> <li>• River Alyn – 984m to the east of the Site.</li> </ul>
Discharge Consents	There are five recorded discharge consents within 500m which are: <ul style="list-style-type: none"> <li>• 4m N, sewage discharge</li> <li>• 401m SE, unspecified</li> <li>• 418m SE, site drainage</li> <li>• 477m N, sewage discharge – pumping station</li> <li>• 500m SE, trade discharge, site drainage</li> </ul>
Prosecutions Relating to Controlled Waters (potentially harmful discharges to public sewers)	None recorded within 500m of the Site.
Pollution Incident to Controlled Waters	There is one significant incident, category 2, and seven minor incidents, category 3, within 500m of the Site boundary: <ul style="list-style-type: none"> <li>• 71m to the east, significant incident category 2 in 1991, farm slurry</li> <li>• 131m to the south, minor incident, category 3 in 1994, industrial solid waste</li> <li>• 153m to the south-east, minor incident, category 3 in 1994, cooling water</li> <li>• 178m to the south, minor incident, category 3 in 1994, algae</li> <li>• 218m to the south, minor incident, category 3 in 1998, spillage of inorganic chemicals</li> </ul>

	<ul style="list-style-type: none"> <li>• 247m to the east, minor incident, category 3 in 1995, oils leachate</li> <li>• 335m to the north-east, minor incident, category 3 in 1991, unknown</li> <li>• 441m to the east, minor incident, category 3 in 1991, effluent discharge, mud, clay.</li> </ul>
Groundwater Abstractions	None recorded within 500m of the Site.
Surface Water Abstractions	None recorded within 500m of the Site.
Flood Risk	There is no risk of flooding from rivers without defence in the vicinity of the Site.
Groundwater Flooding	The Site is within the area with limited potential for groundwater flooding to occur at surface, however, the south-western area of the Site has potential for groundwater flooding of property situated below ground level.
<b>Waste</b>	
Licensed Waste Management Sites	There is one licensed waste management facility located with 500m of the Site, 232m to the east.
Landfill and other Waste Sites	A historical landfill site is located 288m to the east of the Site (555m from the Development Site).
Potentially Infilled Land	<p>Filled ground, former ponds, in the south-eastern part of the Development Site.</p> <p>Filled ground (pits, quarries), former Llay Main Colliery, ca.250m south of the Site and the Development Site.</p>
Registered Disposal Site	Scrapyard 289m to the south.

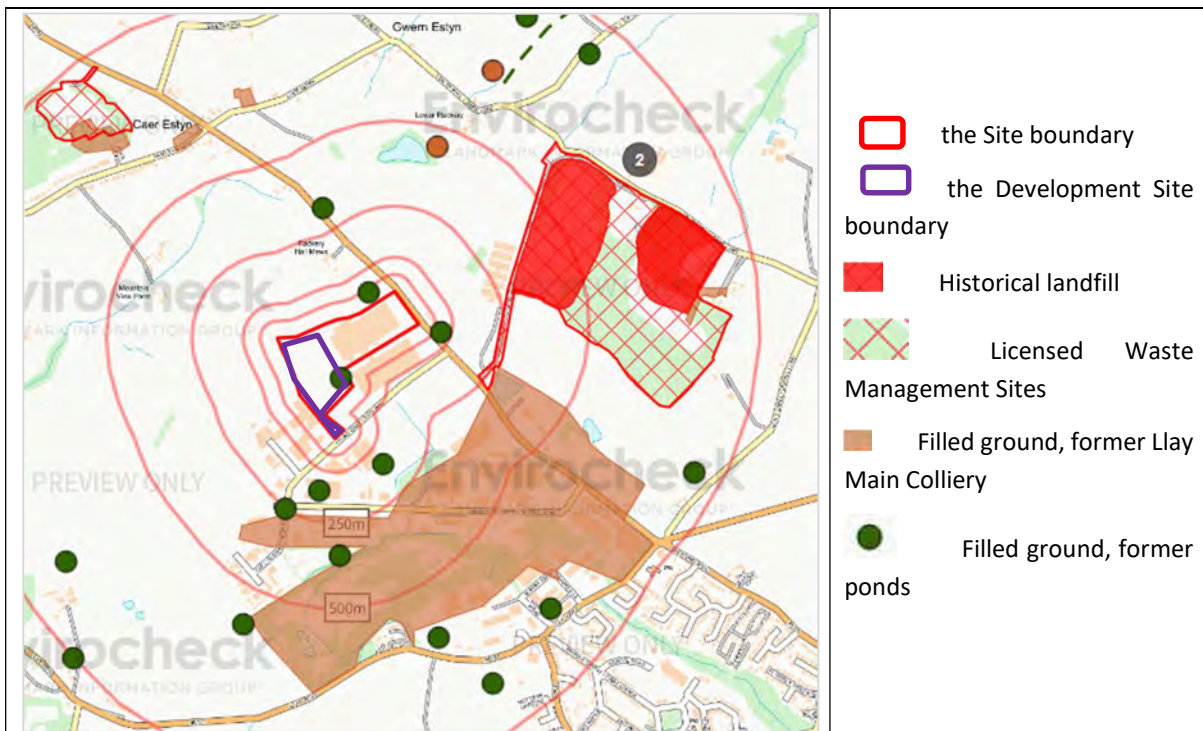


Figure 5a. Extract of site sensitivity Envirocheck map.

Geological


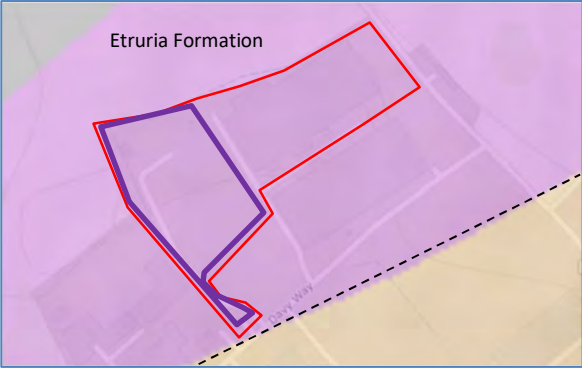


Geology

The BGS online geological maps (1:50,000 and 1:625,000) indicate the following ground conditions at the Site:

Superficial deposits

- Glacial Till, Devensian - Diamicton. Sedimentary superficial deposit formed between 116 and 11.8 thousand years ago during the Quaternary period.
- Alluvium - Clay, silt, sand and gravel. Sedimentary superficial deposit formed between 11.8 thousand years ago and the present during the Quaternary period.



	 <p><b>Figure 5b. Extract of the BGS map – superficial deposits</b></p> <p>Bedrock</p> <ul style="list-style-type: none"> <li>Etruria Formation mudstone, sandstone and conglomerate. Sedimentary bedrock formed between 319 and 308 million years ago during the Carboniferous period.</li> </ul>  <p><b>Figure 5c. Extract of the BGS map - bedrock</b></p> <p>Faults</p> <ul style="list-style-type: none"> <li>An inferred fault SW-NE is located immediately to the south of the southern tip of the Site.</li> </ul> <p>  the Site boundary   the Development Site boundary         </p>
<p>Superficial Engineering Geology (BGS)</p>	<ul style="list-style-type: none"> <li>Description: Firm to very stiff or hard slightly gravelly sandy CLAY with interbeds of laminated clay/silt and beds/lenses of sand and gravel. Often fissured, particularly in the upper few metres. Low to high permeability flow dominantly through lenses/interbeds of sand and gravel.</li> <li>Foundations: Variable but generally good foundation conditions dependant on shear</li> </ul>

	<p>strength, consolidation characteristics and presence of water-bearing sand and silt layers/lenses. Differential settlement possible where foundations overlap fine and coarse soils.</p> <ul style="list-style-type: none"> <li>• Excavation: Easy digging. Excavations likely to require immediate support due to water-bearing layers/lenses of silt, sand and gravel.</li> <li>• Engineered Fill: Suitable as general cohesive fill depending on plasticity and water content. Generally, should be placed as soon as possible after excavation and subject to minimum construction traffic when wet.</li> <li>• Site Investigation: Important to determine deposit thickness and lithological variation, including the presence of laminated silts and clays and water-bearing sand and gravel layers.</li> </ul>
<p><b>Coal Mining</b></p> <p>The Site is in area which may be affected by coal mining activity. A coal mining report was obtained from the Coal Authority. (Ref 296712719-2/09.06.2022) Appendix 2.</p>	<ul style="list-style-type: none"> <li>• The Site is in area which may be affected by coal mining activity.—The property is in a surface area that could be affected by underground mining in 3 seams of coal at 570m to 790m depth, and last worked in 1962.</li> <li>• The property is not within a surface area that could be affected by present underground mining.</li> <li>• The property is not in an area likely to be affected by any planned future underground coal mining.</li> <li>• There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.</li> <li>• The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.</li> <li>• The property is not within the boundary of an opencast site from which coal has been removed by opencast methods</li> <li>• The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.</li> <li>• There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.</li> </ul>

	<ul style="list-style-type: none"> <li>• The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.</li> <li>• The Coal Authority has no record of a mine gas emission requiring action.</li> <li>• The property has not been subject to remedial works, by or on behalf of the Coal Authority.</li> </ul>
Radon	The Development Site lies within an area of elevated radon potential. Maximum radon potential is 5-10 %.
Ground Stability Hazards (Development Site)	<ul style="list-style-type: none"> <li>• Potential for collapsible ground – very low</li> <li>• Potential for compressible ground – no hazard</li> <li>• Potential for ground dissolution – no hazard</li> <li>• Potential for landslide stability – very low</li> <li>• Potential for running sand – very low</li> <li>• Potential for shrinking and swelling clay – very low</li> </ul>
Industrial Land Uses	
Potentially Contaminative Activities (list of commercial/industrial premises close to Site with potential for contamination)	<p>There is a number of active entries to the south, south-west and south-east within the Llay Industrial Estate recorded within 500m of the Site which are listed below.</p> <ul style="list-style-type: none"> <li>• 101m to the south-west, Sheet Metal Work</li> <li>• 148m to the south, garage services,</li> <li>• 140m to the south-west, wood products,</li> <li>• 167m to the south-west, electricity equipment,</li> <li>• 185m to the South, laboratory equipment,</li> <li>• 193m to the south, waste disposal services,</li> <li>• 211m to the south-west, cable and wire equipment manufacturers,</li> <li>• 226m to the south, electronic component manufacturer,</li> <li>• 236m to the south, cranes hire, sales and service,</li> <li>• 250m to the south, vehicle services and repairs,</li> <li>• 271m to the south, scrap metal merchants,</li> <li>• 325m to the south-east, plastic products manufacturers,</li> <li>• 377m to the south-east, mould manufacturers,</li> </ul>

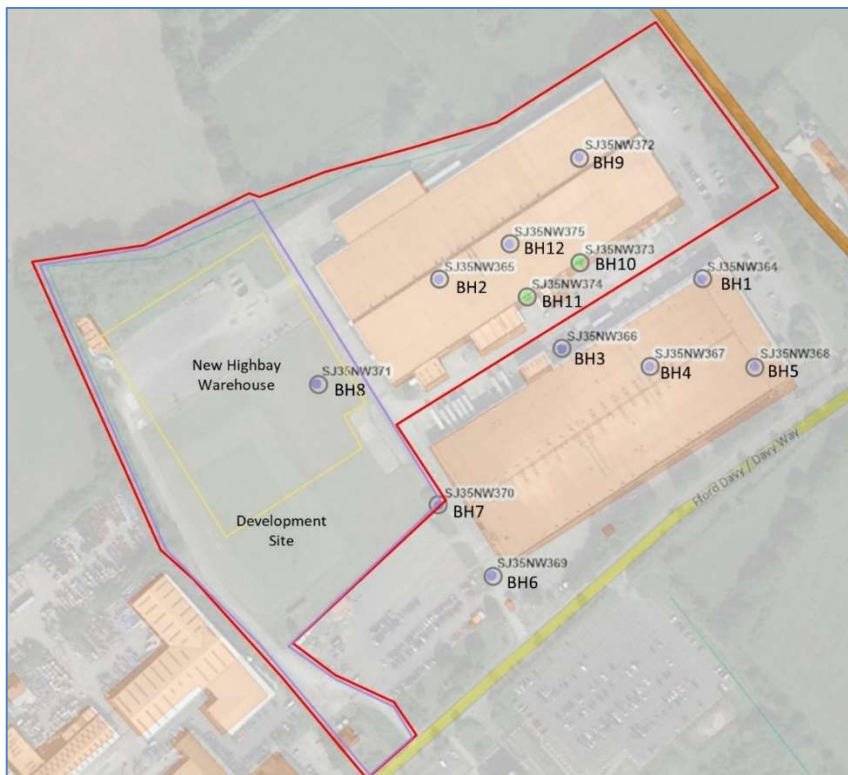
	<ul style="list-style-type: none"> <li>• 380m to the south-east, used car dealers,</li> <li>• 421m to the south-west, mechanical engineers,</li> <li>• 423m to the south-east, garage services,</li> <li>• 436m to the south-east, garage services,</li> <li>• 437m to the south-east, catering equipment services and repairs,</li> <li>• 479m to the south-east, fork-lifts hire and sales,</li> </ul> <p>Given the nature and distance from Site these are unlikely to be a significant risk.</p>
<b>Hazardous Substances</b>	
COMAH/NIHHS Sites (Dangerous or Hazardous Sites)	None recorded within 500m of the Site.
Explosive Sites	UXO risk maps show the Site to be within a low-risk area.
Planning Hazardous Substance (consents/enforcements)	None recorded within 500m of the Site.
<b>Sensitive Land Uses</b>	
Local Nature Reserve/ Site of Special Scientific Interest	None recorded within 1000m of the Site
Nitrate Vulnerable Zone	On the eastern portion of the Site, 200m east of the Development Site. Pulford Brook Nitrate Vulnerable Zone.
Ancient Woodland	None recorded within 500m of the Site.  The nearest ancient semi-natural woodlands are recorded between 617m and 981m of the Site.
Ground Gas	<p>A historical landfill has been identified 288m to the east of the Site (555m of the Development Site). Considering the distance to the Development Site the risk may be considered as low.</p> <p>Generally, no significant Made Ground deposits are anticipated to be present on Development Site. However, infilled ponds onsite maybe a localised ground gas source.</p>

### 3.3 Previous Reports

- 3.3.1 The boreholes logs of the “Report of Soils and Foundation Conditions” 1984, Soils and Materials Testing Ltd, are accessible on the BGS (British Geological Society) website. The report is not available, but the boreholes’ logs have been reviewed.
- 3.3.2 Historical exploratory hole logs presented in Appendix 4. The position of the historical exploratory holes is presented in Figure 6 and Appendix 4.

**Table 4: Historical Exploratory Holes - references**

Hole ID	BGS reference	Location
BH1	SJ35NW364	Sharp warehouse – NE corner
BH2	SJ35NW365	H-Pack warehouse - West
BH3	SJ35NW366	Access road between Sharp and H-pack warehouses
BH4	SJ35NW367	Sharp warehouse - East
BH5	SJ35NW368	Sharp warehouse - East
BH6	SJ35NW369	Off SW corner of Sharp warehouse
<b>BH7</b>	<b>SJ35NW370</b>	<b>Off Sharp warehouse to the west, eastern boundary of the Development Site</b>
<b>BH8</b>	<b>SJ35NW371</b>	<b>Open field to the east– proposed new warehouse</b>
BH9	SJ35NW372	H-Pack warehouse - NE
BH10	SJ35NW373	H-Pack warehouse - South
BH11	SJ35NW374	H-Pack warehouse - South
BH12	SJ35NW375	H-Pack warehouse - centre
		borehole within the Development Site, proposed Highbay warehouse
		boreholes within the Site
		boreholes off the Site (SHARP warehouse)



**Figure 6: Location of the historical boreholes (BGS website)**

- 3.3.3 The historical records revealed that the general strata succession is Made Ground underlain by Glacial Till, followed by Glacial Sand in 4 locations (BH1, BH5, BH6 and BH7). Alluvium deposits are present in the area of existing H-Pack warehouse (BH9, BH10, BH11 and BH12).
- 3.3.4 Made Ground was recorded in all boreholes from ground level down to depths of 0.5m (BH8) – proposed Highbay warehouse, and between 3.2m and 5m (BH2) in the area of the existing H-Pack warehouse. Made Ground in the area of Sharp warehouse was recorded down to depths of between 1.5m and 4.7m.
- 3.3.5 Made Ground is represented in general by *stiff, locally soft, yellow/grey/red-brown clay, sandy clay, silty clay with pebbles, locally streaks of grey silt, traces of coal*. Locally crushed rock was recorded at the base of Made Ground.
- 3.3.6 Alluvium is represented by *very soft to soft fibrous organic dark brown to black peat, very soft to soft dark brown silt/clay, and brown sand*.
- 3.3.7 Glacial Till is represented by *stiff, locally soft to firm, red brown to grey-brown clay, locally sandy clay, with pebbles, occasional cobbles and boulders*
- 3.3.8 The Glacial Sand is represented by *dense to very dense orange-brown, fine to medium grained sand, locally coarse grained with small pieces of angular limestone*.

3.3.9 The boreholes BH7 (SJ35NW370) and BH8 (SJ35NW371) are located within the Development Site. The Made Ground was recorded from ground level to depths of 0.5m and 2m. Made Ground is represented by brown, grey clay with traces of coal. Glacial Till was encountered from 0.5m and 2m down to depths of 8.3m and 10m and represented by stiff brown slightly gravelly clay with partings of silt. A granular layer was encountered in BH7 underlying clay from 8.3m to the base of the boreholes at 10m and represented by medium dense to dense orangish brown fine-grained sand.

**Table 5. Summary of Ground Conditions from historical boreholes**

Hole ID	Made Ground	Alluvium			Glacial clay	Till	Glacial Sand
		Peat	Very soft to soft silt or clay	Sand			
BH1 SJ35NW364	0-3.50				3.50-7.70	7.70-10.00	
BH2 SJ35NW365	0-5.00				5.00-10.00		
BH3 SJ35NW366	0-3.50				3.50-8.00		
BH4 SJ35NW367	0-3.10				3.10-10.00		
BH5 SJ35NW368	0-4.70				4.70-7.30	7.30-10.00	
BH6 SJ35NW369	0-1.50				1.50-6.75	6.75-10.00	
<b>BH7 SJ35NW370</b>	<b>0-2.00</b>				<b>2.00-8.30</b>	<b>8.30-10.00</b>	
<b>BH8 SJ35NW371</b>	<b>0-0.50</b>				<b>0.50-10.00</b>		
BH9 SJ35NW372	0-3.20	3.20-5.10			5.10-10.00		
BH10 SJ35NW373	0-4.70	4.70-5.40	5.40-6.50		6.50-15.00		
BH11 SJ35NW374	0-4.30	4.30-6.80	6.80-10.20		10.20-12.50		
BH12 SJ35NW375	0-4.30	4.30-6.65	6.65-7.70	7.70-8.10	8.10-10.00		

### 3.4 Flood Risk

3.4.1 According to Natural Resources Wales website (Development Advice Map) most of the Site lies within Zone A considered to be at little or no risk of fluvial flooding. The central part of the Site, existing warehouse and access roads are partially within Zone B known to have flooded in the past.

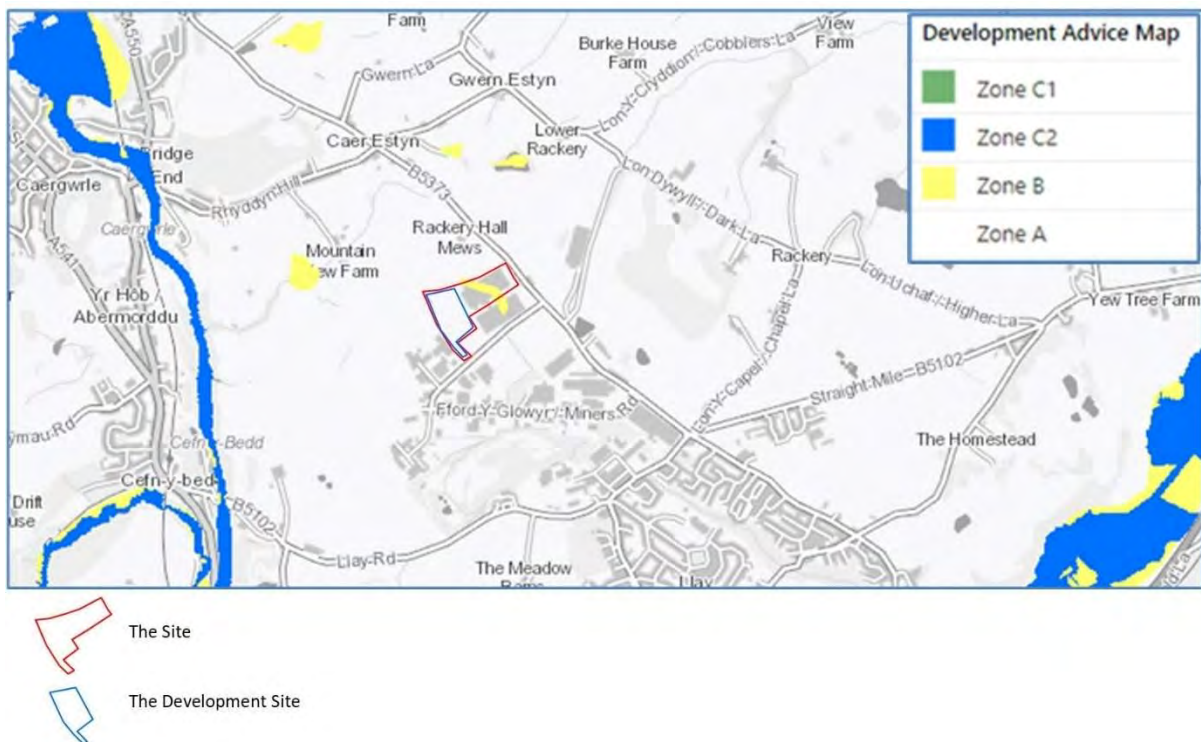
3.4.2 The Development Site, eastern part of the Site, lies within Zone A considered to be at little or no risk of fluvial flooding, and it is located in the area of low to high flood risk from surface water and small watercourses. The western part of the Site, the car park to the east, access



roads to the north and to the south of the H-Pack warehouse are in the area with the potential from low to high flood risk from surface water and small watercourses.



**Figure 7 – Flood Risk from surface water and small watercourses (extracted from The Development Advice Map – Natural Resources Wales website).**



**Figure 8 – Flood Risk from rivers Map (extracted from The Development Advice Map – Natural Resources Wales website).**

Zone A - Considered to be at little or no risk of fluvial or coastal/tidal flooding

Zone B - Areas known to have flooded in the past



*Zone C1 - Served by significant infrastructure, including flood defences*

*Zone C2 - Without significant flood defence infrastructure*

## 4.0 PRELIMINARY ENVIRONMENTAL RISK ASSESSMENT

4.1.1 Environmental Risk has been addressed by adopting a site-specific, qualitative approach, to identify the risk of environmental harm. The guiding principle of this approach is an attempt to establish connecting links between a hazardous 'source', via an exposure 'pathway', to a potential 'receptor'. This is in accordance with the Department of the Environment, Transport and Regions (DETR) guidance on Contaminated Land (Ref. 1) and the Construction Industry Research and Information Association (Ref. 3).

4.1.2 This assessment will identify where pollutant linkages may exist, by considering where a viable pathway may exist, which connects a potential source with a receptor. A pollutant linkage is the term used by the DETR in their standard procedure on risk assessment. If there is no pollutant linkage, then there is no risk. The Site fits with the standard CLEA commercial model end-use. The Site has therefore been assessed using this standard end-use model.

### 4.2 Preliminary Conceptual Site Model

4.2.1 Contaminated land risk assessment is based on the development of a conceptual model for the Site. This is a representation of the relationship between potential contaminant sources, pathways and receptors. A preliminary conceptual site model is based on the inferred ground conditions and environmental data obtained from existing data sources. A preliminary conceptual site model is discussed in the following sections.

### 4.3 Identified Potential Sources

4.3.1 The historic uses of the Site, the Development Site, and the surrounding area were analysed to identify any potential sources of contamination:

#### 4.4 On-site Sources

4.4.1 The Envirocheck mapping shows that the Site was occupied by agricultural fields from the earliest available historical map 1872 until 1990. From 1990 the Site is part of the Llay Industrial Estate and is currently occupied by the existing H-pack warehouse with associated access roads and car parks.

4.4.2 The Development Site exist currently as a grassed open field and has never been developed.

4.4.3 No significant Made Ground is anticipated to be present on Development Site. However, there are filled ponds in the south-eastern part of the Development Site which maybe a localised ground gas source, depending on the nature of the backfill.

4.4.4 The Site lies within an area where 5% - 10% of homes are estimated to be at or above the Radon Action level. Basic radon protection measures may be required for internal office areas and internal rooms. Measures are unlikely to be required in the main warehousing.

#### 4.5 Off-site Sources

- 4.5.1 The surrounding areas are shown as agricultural lands from 1872 until 1938. From 1938 mining activity is shown, Llay Main Colliery is mapped between 300m and 500m south of the Site. In 1954 the Colliery is shown with associated railway line and refuse and slag heaps. The mining activity ceases before 1981.
- 4.5.2 The former Llay Main Colliery is reported currently as filled ground and is part of the Llay Industrial Estate.
- 4.5.3 The landfill to the east and the former colliery filled ground may be possible sources of contamination in the vicinity that may impact the Site. Considering the distance to the Development Site the risk may be considered as low.

#### **4.6 Potential Receptors**

- 4.6.1 The proposed use of the Development Site, for commercial development with hard standing, is considered to be of moderate sensitivity with respect to human health.
- 4.6.2 The principle vulnerable receptors for the proposed use will be:
- future site users;
  - construction workers who may be exposed to contaminants during preparatory and construction works;
  - future site visitors;
  - future maintenance workers;
  - residents of the neighbouring houses;
  - buildings / structures;
  - controlled waters (underlying superficial undifferentiated aquifer, and bedrock secondary A aquifer);
  - controlled waters - surface waters (River Alyn and unnamed watercourses)

#### **4.7 Pathways**

- 4.7.1 The following pathways link the potential contaminants with the sensitive receptors:
- contact, ingestion and inhalation of contaminated soil and dust;
  - leaching and migration via soil mass and rock discontinuities;
  - humans: Ingestion, skin contact, inhalation of dust and outdoor air;

- buildings: direct contact;
- buildings: ingress via permeable soils and/or construction gaps;
- underlying groundwater: migration of leachable contaminants
- surface water: overland flow/ lateral migration of contaminants in ground;
- surface water: drainage discharge;
- plant uptake.

4.7.2 The preliminary risk assessment process has not identified any significant risks to the Development Site end users' / development workers. However, consideration of occupational health and safety issues is beyond the scope of this report and need to be considered separately in the Construction Phase Health and Safety Plan.

#### **4.8 Human Health Risk Assessment**

4.8.1 The potential for significant contamination to be present that may pose an acute risk to construction workers during the development is negligible. However, this should be confirmed through visual inspection of the soils during ground investigation works.

4.8.2 The Site lies within an area where 5% - 10% of homes are estimated to be at or above the Radon Action level. Basic radon protection measures likely to be required.

#### **4.9 Controlled Waters Risk Assessment**

4.9.1 The Development Site is in an area of low environmental sensitivity as far as groundwater is concerned with the superficial deposits supporting secondary undifferentiated aquifer. The nearest surface watercourse is an unnamed feature along the northern and the north-western boundary of the Site, other watercourses are at distance between 160m and 535m from the Development Site with the river Alyn being 948m to the east of the Development Site.

4.9.2 In general, flow to the watercourse (along the north-western boundary) is likely to be predominantly via surface runoff and infiltration through the superficial granular lenses within Glacial Till and Glacial Sand, and groundwater baseflow. Surface waters flow from the Development Site are likely to occur to the west and south-west. No significant pollution sources have been identified on the Development Site.

#### **4.10 Preliminary Conceptual Site Model (CSM)**

4.10.1 The preliminary CSM has been derived for the Site using the information described above, describing the potential contamination sources, pathways and receptors as summarised below in Table 6

**Table 6. – Summary of Potential Pollutant Linkages (Preliminary Conceptual Site Model)**

Potential Source	Potential Contaminant	Potential Pathways	Potential Receptor	Pollutant Linkage Present	Comments
Made Ground.	Metals, semi-metals, non-metals, PAH, petroleum hydrocarbons and asbestos.	Inhalation.	Human Health – End user and on-site worker.	Unlikely.	No significant Made Ground is anticipated.
		Ingestion.			
		Direct contact.			
		Infiltration.	Groundwater and Surface Water Quality.		
		Lateral migration; groundwater.			
		Vertical diffusion; groundwater.			
Natural soils and bedrock.	Sulphate and pH	Direct Contact.	Building materials durability.	Unlikely.	Site investigation to confirm ground conditions and confirm chemistry of Development Site soils.
Potential for ground gas generation from Made Ground/Organic soils.	Carbon dioxide, carbon monoxide and hydrogen sulphide.	Inhalation.	Human Health – future site users and site workers.	Unlikely.	No ground gas sources have been identified on Development Site.  No significant Made Ground or organic soils is anticipated.
		Migration through potential			

Potential Source	Potential Contaminant	Potential Pathways	Potential Receptor	Pollutant Linkage Present	Comments
		Superficial Deposits.			
Potential gas producing material from historical landfill.	Carbon dioxide, methane, carbon monoxide and hydrogen sulphide.	Lateral migration through superficial deposits.	Human Health – Future site users and site workers.	Unlikely.	Historical landfill identified 555m from the Development Site, the risk may be considered as low.
		Groundwater.			
		Inhalation.			
Potential contaminated leachate from historical landfill.	Metals, semi-metals, non-metals, PAH, petroleum hydrocarbons and asbestos.	Lateral migration; groundwater.	Human Health – Future site users and site workers.	Unlikely.	Historical landfill identified 555m from the Development Site, the risk may be considered as low.
		Vertical migration; groundwater.	Groundwater and Surface Water Quality.		
Potential gas producing material from organic soils.	Carbon dioxide, methane, carbon	Lateral migration through superficial	Human Health – Future residents and site workers.	Unlikely.	No significant organic soils are anticipated to be present.

Potential Source	Potential Contaminant	Potential Pathways	Potential Receptor	Pollutant Linkage Present	Comments
	monoxide and hydrogen sulphide.	deposits. Inhalation.			
Potential gas producing material from organic soils associated with coal mining.	Carbon dioxide, methane, carbon monoxide and hydrogen sulphide.	Lateral migration; bedrock and superficial deposits.	Human Health – Future residents and site workers.	Unlikely.	Underground mining in 3 seams of coal at 570m to 790m depth.
Radon gas from natural ground.	Radon gas.		Humans – future site users.	Likely	The site lies within an area where 5% - 10% of homes are estimated to be at or above the Radon Action.

## 5.0 PRELIMINARY GEOTECHNICAL ASSESSMENT

### 5.1 The Envirocheck Report Data

5.1.1 The Envirocheck Report states that the Site is located within an area where natural soils are classed as posing very low risk from running sand, shrinking and swelling clay, landslide stability, and no hazard from compressible ground and ground dissolution.

### 5.2 The Geotechnical Risk Register

5.2.1 A review of the geotechnical risks associated with the development has been undertaken. The risks have been evaluated using the risk evaluation matrix suggested in the CD622 Managing Geotechnical Risk, which is reproduced as tables 7, 8, and 9 below.

5.2.2 The risk register is detailed in Table 10 overleaf. The register lists the anticipated geotechnical hazards associated with the works and the potential consequences of those hazards. The risk before control of the hazard has been assessed quantitatively as has the anticipated risk following the proposed response to each hazard.



**Table 7. Likelihood and Severity**

Likelihood		Severity				
		1 Minor	2 Moderate	3 Serious	4 Major	5 Catastrophic
1	Extremely unlikely	1	2	3	4	5
2	Unlikely	2	4	6	8	10
3	Likely	3	6	9	12	15
4	Extremely likely	4	8	12	16	20
5	Almost certain	5	10	15	20	25

**Table 8. Risk Classification**

Risk Classification	
Low (1-8)	Ensure assumed control measures are maintained and reviewed as necessary.
Medium (9-19)	Additional control measures needed to reduce risk rating to a level that is equivalent to a test of “reasonably required” for.
High (20-25)	Activity not permitted. Hazard to be avoided or risk to be reduced to tolerable level.

The risk classification is the product of the likelihood and the severity.

**Table 9. Potential Severity**

Potential severity of harm occurring		
1	Minor	Minor damage or loss – (no human injury)
2	Moderate	Moderate damage or loss – (slight injury or illness)
3	Serious	Substantial damage or loss – (serious injury or illness)
4	Major	Major damage or loss – (fatal injury)
5	Catastrophic	Catastrophic loss or damage – (multiple fatalities)

**Table 10. Geotechnical Risk Assessment**

Risk ID	Hazard	Consequence	Risk before control			Mitigation	Risk after control		
			Likely hood	Severity	Risk		Likely hood	Severity	Residual risk
1	Level of Study provides limited knowledge of ground conditions.	Inappropriate design solution proposed.	4	3	12	Undertake robust GI – Ground Investigation.	2	3	6
2	Varying ground conditions	Inadequate design and cost/program impact on construction.	3	3	9	Site GI information to be undertaken to improve confidence in ground conditions.  Confirm the presence, nature and thickness of Made Ground.  Confirm the presence of possible historical ponds in the south-eastern part of the Development Site.  Confirm the nature and thickness of superficial deposits, glacial clay and possible glacial sand, its consistency, strength and relative density.	1	3	3

						Potential for unacceptable and differential settlement under applied loadings.			
3	Weak, loose or soft compressible ground.	Instability during/after construction and relatively high settlement in earthworks/structures.	3	4	12	<p>Ponds mapped on Envirocheck historical maps on the south-eastern portion of the Development Site.</p> <p>Possible soft/loose Made Ground.</p> <p>Full GI to be undertaken to confirm the nature and thickness of superficial deposits, its consistency, strength and relative density. Potential for unacceptable and differential settlement under applied loadings.</p>	1	4	4
4	Groundwater levels	Effects on surface water drainage. Effects on stability of deep excavations, due to water ingress. Effects on earthworks stability and effects on foundation designs and construction	3	4	12	Groundwater observations to be undertaken as part of the GI.	2	4	8
5	Mining related ground movements	Impact on structure foundation type	1	4	4	No mining related hazards identified following Coal Mining Report review.	1	4	4

6	Mineral extraction – unidentified excavations/ workings, presence of voids and presence of hazardous gases	Failure of structures and risk to human health during construction	1	4	4	No mining related hazards identified following Coal Mining Report review.	1	4	4
7	Earthworks failure during/immediately after construction.	Risk to the construction workers and the public.	3	4	12	No significant earthworks anticipated.  Understand soil properties and construct earthworks in accordance approved specification and geotechnical design criteria.	1	4	4
8	Structure Foundations – unsuitable foundation designed.	Failure of structure.	2	4	8	GI to be undertaken.  Undertake Geotechnical Design using appropriate design parameters obtained from the GI.  Ensure construction stage verification of ground conditions.	1	4	4
9	Flooding from surface run-off, groundwater and fluvial sources.	Risk to the construction workers. Delays during construction.	1	4	4	Not anticipated. Ensure appropriate measures are taken, including any temporary works to control surface water flows.	1	4	4

10	Inability to maximize SUDS drainage potential of site.	Increased cost / delay to programme  Environmental impact to surrounding controlled waters.	2	4	8	The Development Site underlain by Glacial Till anticipated to be practically impervious.	1	4	4
11	Unforeseen services	Delays during construction	2	4	8	Obtain plans from utility providers. Undertake Utility Search in accordance with a PAS 128:2022, all locations to be scanned using CAT4 Scanner. Cable Percussive and window sample boreholes to include hand dug inspection pit, where required prove location of services.	1	4	4
12	Unexploded ordnance	Accidental explosions	1	4	4	Preliminary UXO risk assessment indicates site is in a low-risk area. No further works required. However, ensure vigilance is maintained through GI and construction phase.	1	4	4
13	Unexpected geological features, fissures, faults, solution features etc.	Unsuitable Design Solution	2	3	6	Consult historical site investigation data and Geotechnical Report to establish typical and expected ground conditions, along with published information.	1	3	3

14	Presence of hazardous soil borne gas arising from alluvium/peat	Risk to human health during construction	2	3	6	No significant ground gas sources identified; no ground gas monitoring proposed during the GI. However, review ground model following GI and nature of backfilled ponds known. Undertake further GI/monitoring if required.	1	3	3
15	Design conflict with known services.	Conflict during construction.  Uplift in cost to divert/move services/assets.	4	4	16	Refer to service plans, if unsure, trial trenches to be undertaken in critical areas during GI to confirm depth of services.  Early engagement with utility companies over their assets to better understand issues and requirements.	2	4	8
16	Change to scope of works	Lack of ground information for the design	2	3	6	Finalize the outline design for the development as soon as possible. Undertake further phase of GI if required.	1	3	3
17	Aggressive ground conditions due to presence of sulphates	Sulphate attack on concrete leading to failure of foundation	2	4	8	Ensure GI includes testing to BRE SD1 and samples are taken from appropriate locations and depths.  Determine the DC and ACEC classes and ensure appropriate design.	1	4	4

18	Presence of Made Ground of variable and poor engineering properties	Re-design, increased cost and delay in works if identified late in the program due to unpredictable and usually poor strength properties.	3	3	9	Ground investigation to identify presence and thickness of any Made Ground.	1	3	3
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## 6.0 CONCLUSIONS AND RECOMMENDATIONS

### 6.1 Summary of Findings

6.1.1 The findings from the Phase 1 desk study have concluded that:

- The Envirocheck mapping shows that the Site was occupied by agricultural fields from the earliest available historical map 1872 until 1990. From 1990 the Site is part of the Llay Industrial Estate and is occupied currently by H-pack warehouse with associated access roads and car parks.
- The Development Site is currently a grassed open field and has never been developed. A number of historical ponds have been identified on the south-eastern part of the Development Site, potentially backfilled with unknown materials.
- The Development Site is not considered to be at risk from potential underground coal workings which may contribute to underground instabilities, ground gas etc.
- The BGS records indicate the Development Site is underlain by Glacial Till to ~10m bgl, with the bedrock comprising mudstone, sandstone and conglomerate of Etruria Formation.
- According to historical borehole records and the Development Site history significant Made Ground is not anticipated.
- The Development Site is within the area of little or no risk of fluvial flooding however the western, northern, and south-western parts of the Development Site located in the area of low to high flood risk from surface water and small watercourses.
- There are no historical landfills sites within 500m of the Development Site boundary. The historical landfill to the east is mapped 288m from the Site, however it is 555m from the Development Site.
- No significant contamination sources have been identified on the Development Site.
- The Development Site is with an area are of elevated radon potential. Maximum radon potential is 5-10 %. Basic Radon protection measures are likely to be required in office areas and internal rooms, however they are unlikely to be required within the main warehousing.
- Loadings for the development are yet to be confirmed but shallow standard foundations are likely to be suitable for light to moderate loadings given the anticipated presence of Glacial Till at shallow depth. Foundation requirements may change depending on results of the ground investigation and the warehouse design.

### 6.2 Recommended Ground Investigation

6.2.1 In order to confirm the ground model, it is recommended to drill a number of cable percussive boreholes down bedrock at an anticipated depth of 10m bgl with SPT (standard penetration testing) in the area of the proposed warehouse, and to excavate trial pits across the rest of the Development Site i.e., service yard, access roads and the possible a vehicle access from Rackery Lane. It is also recommended that a number of trial trenches are excavated to located and confirm the nature of the backfilled ponds. Depending on the nature of the backfill it may



be necessary to undertake window sample boreholes to allow the installation of shallow ground gas monitoring to wells to fully assess the ground gas risk from any organic material within the pond backfill.

- 6.2.2 The exploratory holes should include including the collection of small, disturbed samples for classification of soils, for Design Sulphate (DS) and Aggressive Chemical Environment for Concrete (ACEC) classification, environmental samples to assess general contamination and bulk samples for compaction testing.
- 6.2.3 It is also recommended TLR DCP (Transport Research Laboratory Dynamic Cone Penetrometer) are undertaken to inform the equivalent CBR values of natural soils in the area of service yard, access roads and possible access from Rackery Lane.

## 7.0 REFERENCES

- [1] DEFRA and Environment Agency (2004). *Model Procedures for the Management of Land Contamination*. R & D Publication CLR 11.
- [2] National House Builders Council, Environment Agency and Chartered Institute of Environmental Health (2008). *Guidance for the Safe Development of Housing on Land Affected by Contamination*. R & D Publication 66.
- [3] DETR Circular 01/2006 (2006). *Environmental Protection Act 1990 Part 2A. Contaminated Land*.
- [4] British Standard Institution (2001). *Code of Practice for Investigation of Potentially Contaminated Sites*. BS 10175:2001
- [5] British Standards Institution (2010): *Environmental Management – Environmental Assessment of Sites and Organisations (EASO)*. BS ISO 14015:2010.
- [6] British Standards Institution (2013): *Code of practice for the investigation of potentially contaminated sites*. BS 10175:2011+A1:2013.
- [7] British Standards Institution (2015): *Code of practice for ground investigations*. BS5930:2015.
- [8] British Standards Institution (2015): *Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings* BS8485:2015
- [9] Building Research Establishment (2005): *Concrete in aggressive ground*. BRE Special Digest 1. Third Edition.
- [10] Building Research Establishment (2007): *Radon: guidance on protective measures for new dwellings*. BRE Report BR211.
- [11] Department of Food and Rural Affairs (2012). *Environmental Protection Act 1990: Part 2A, Contaminated Land Statutory Guidance*.
- [12] CIRIA C665:2007 - *Assessing the risk posed by hazardous ground gases to buildings*.
- [13] CIRIA (2009). *Unexploded ordnance (UXO) A guide for the construction industry*. C681.
- [14] UK Public General Acts (1991) *Water Industry Act 1991*. 1991 Chapter 56, The Stationary Office, 1991.
- [15] Environment Agency (2012) 'What's in your backyard?' Wiyby [www.environmentagency.gov.uk/wiyby/](http://www.environmentagency.gov.uk/wiyby/)
- [16] CL:AIRE (2012): *CAR-SOIL, Interpretation for Managing and Working with Asbestos in Soil and Construction and Demolition Materials*.
- [17] CL:AIRE (2008): *Definition of Waste: Development Industry Code of Practice* (September 2008).
- [18] BS8485:2015 - *Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings*.
- [19] PAS 128: 2022 British Standards Institution (BSI) Specification for underground utility detection, verification, and location.
- [20] Geotechnics Design CD 622 Managing geotechnical risk

# APPENDIX 1

Envirocheck Report with Historical Maps



## Index Map

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

### Slice

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

### Segment

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

### Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

## Client Details

Mr A Jones, Caulmert Ltd, Unit F13, InTec, Parc Menai, Bangor, Gwynedd, LL57 4FG

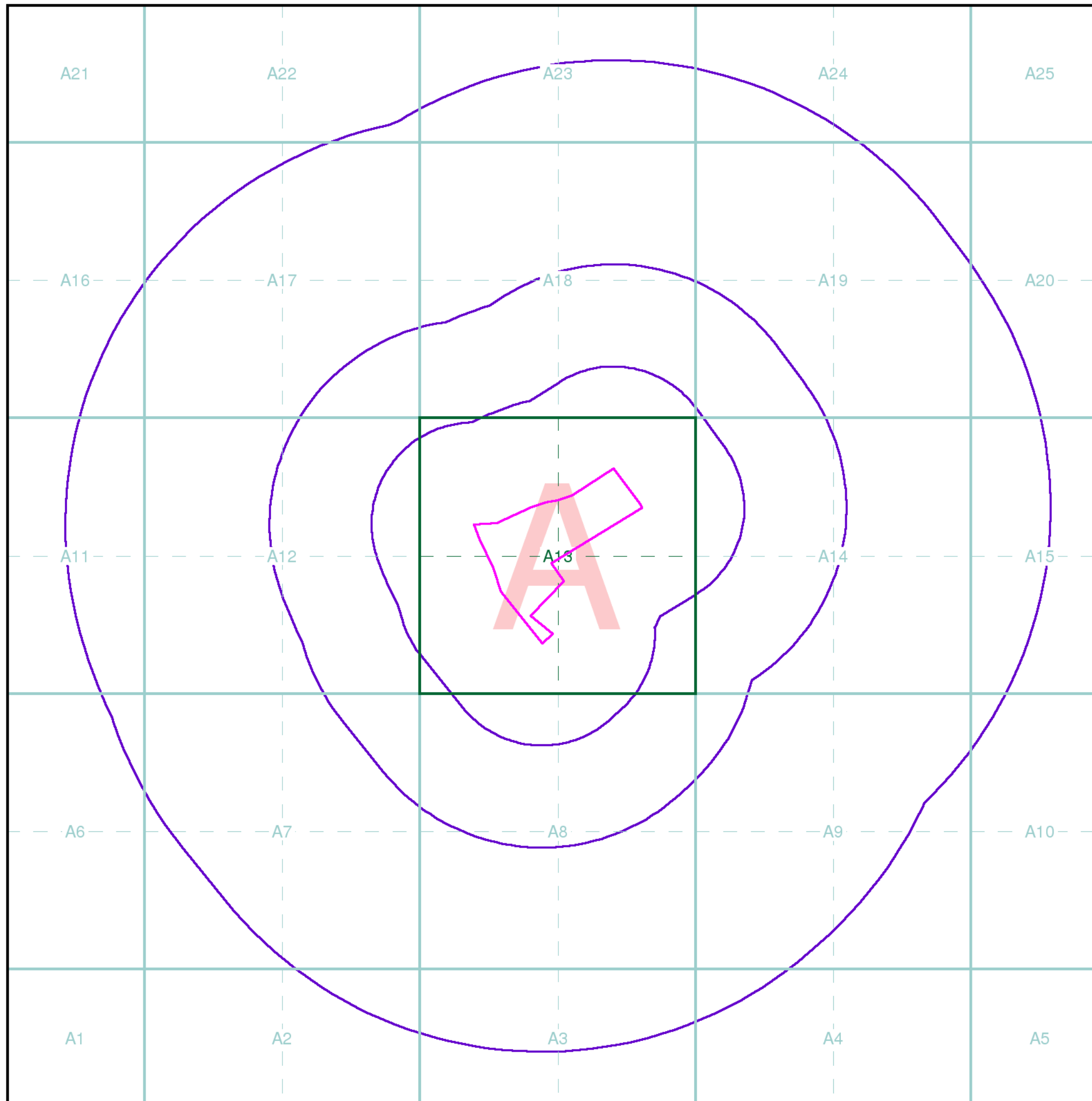
## Order Details

Order Number: 296712719\_1\_1  
Customer Ref: 5473  
National Grid Reference: 332340, 356880  
Site Area (Ha): 6.4  
Search Buffer (m): 1000

## Site Details

Site at 332260, 356840

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



## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

296712719\_1\_1

**Customer Reference:**

5473

**National Grid Reference:**

332350, 356860

**Slice:**

A

**Site Area (Ha):**

6.4

**Search Buffer (m):**

1000

#### Site Details:

Site at 332260, 356840

#### Client Details:

Mr A Jones  
Caulmert Ltd  
Unit F13  
InTec  
Parc Menai  
Bangor  
Gwynedd  
LL57 4FG

Report Section	Page Number
Summary	-
Agency & Hydrological	1
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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 2		3	5	30
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 12				2
Integrated Pollution Prevention And Control	pg 12			1	3
Local Authority Integrated Pollution Prevention And Control	pg 13				1
Local Authority Pollution Prevention and Controls	pg 13		1	4	8
Local Authority Pollution Prevention and Control Enforcements	pg 15			1	
Nearest Surface Water Feature	pg 15	Yes			
Pollution Incidents to Controlled Waters	pg 15		6	2	25
Prosecutions Relating to Authorised Processes	pg 20		1		
Registered Radioactive Substances					
River Quality	pg 21				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 21		1		1
Water Abstractions	pg 21				1 (*7)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 23	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 23	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 23	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 24	1	2	8	33

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 29			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 29		1		1
Licensed Waste Management Facilities (Locations)	pg 29		3	5	4
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 32			1	9
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 38			1	
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 39	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 39			3	8
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 41	Yes	n/a	n/a	n/a
Mining Instability	pg 41	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 41	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 41	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 41	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 41	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 41	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 41	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 41	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 41	Yes	n/a	n/a	n/a



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 42		38	46	44
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 54				9
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 54	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	0	1	332250 356850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	0	1	332300 356700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (SW)	0	1	332355 356862
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	15	1	332200 356750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	32	1	332200 356700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	128	1	332300 356500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	129	1	332050 357000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	184	1	332450 356500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	208	1	332050 357100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	215	1	331950 357000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	289	1	332400 356350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	308	1	332450 356350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	315	1	332600 357350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	320	1	332000 357200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	327	1	332350 356300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	329	1	332355 356300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	339	1	331850 356750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	377	1	332350 356250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	379	1	331850 357150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	396	1	332500 357450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	411	1	331850 357200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	416	1	331900 357250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	427	1	332650 357450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	427	1	332300 356200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	431	1	331950 357300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	439	1	333000 356950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	451	1	331750 356700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	457	1	331900 357300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	462	1	331750 357150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	464	1	331700 356800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	468	1	332350 357500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (S)	477	1	332300 356150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	489	1	331750 357200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NE (E)	489	1	333050 356950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	489	1	333050 356900
1	<b>Discharge Consents</b> Operator: Eryvn Rosenberg Property Type: Domestic Property (Single) Location: Rackery Hall, Rackery Lane, Llay, Wrexham, Wales, LI12 0pb Authority: Natural Resources Wales Catchment Area: PULFORD BROOK Reference: Cm0187201 Permit Version: 3 Effective Date: 26th November 2012 Issued Date: 26th November 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Into Land Receiving Water: Groundwater Via Infiltration System <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 100m	A13NE (N)	4	2	332400 357000
1	<b>Discharge Consents</b> Operator: Mr Eryvn Rosenberg Property Type: Domestic Property (Single) Location: Rackery Hall, Rackery Lane, Llay, Wrexham, Wales, LI12 0pb Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0187201 Permit Version: 2 Effective Date: 11th April 1995 Issued Date: 11th April 1995 Revocation Date: 25th November 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 100m	A13NE (N)	4	2	332400 357000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Mr Eryvn Rosenberg  Property Type: Domestic Property (Single)  Location: Rackery Hall, Rackery Lane, Llay, Wrexham, Wales, LI12 0pb  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0187201  Permit Version: 1  Effective Date: 21st August 1989  Issued Date: 21st August 1989  Revocation Date: 10th April 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Land  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	4	2	332400 357000
2	<p><b>Discharge Consents</b></p> <p>Operator: British Coal Corporation (Fao E P Watkins)  Property Type: Coal Extraction, Deep Mine  Location: Llay Main Colliery  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cm0142801  Permit Version: 1  Effective Date: 23rd January 1967  Issued Date: 23rd January 1967  Revocation Date: 12th January 1996  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: River Alyn  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	401	2	332700 356470
3	<p><b>Discharge Consents</b></p> <p>Operator: Meritor Heavy Vehicle Systems Ltd  Property Type: Motor Vehicle Parts  Location: Meritor Heavy Vehicle Systems Ltd, Rackery Lane, Llay, Wrexham, LI12 0pb  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0393001  Permit Version: 1  Effective Date: 30th April 2001  Issued Date: 30th April 2001  Revocation Date: 23rd September 2011  Discharge Type: Trade Discharges - Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Singret Brook Via Drain  <b>Status: Surrendered under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	418	2	332690 356420
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Stations  Location: Powys Caer Estyn Ps, Nr Pear Tree Cottage, Caer Estyn, Caerwrlle, Wrexham, LI12 9en  Authority: Natural Resources Wales  Catchment Area: PULFORD BROOK  Reference: Cm0188401  Permit Version: 2  Effective Date: 24th February 2020  Issued Date: 24th February 2020  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Tributary Of Pulford Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	477	2	332304 357493

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Powys Caer Estyn Ps, Nr Pear Tree Cottage, Caer Estyn, Caerwrlw, Wrexham, L12 9en  Authority: Natural Resources Wales  Catchment Area: PULFORD BROOK  Reference: Cm0188401  Permit Version: 2  Effective Date: 24th February 2020  Issued Date: 24th February 2020  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Tributary Of Pulford Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	477	2	332304 357493
5	<p><b>Discharge Consents</b></p> <p>Operator: Meritor Heavy Vehicle Systems Ltd  Property Type: Motor Vehicle Parts  Location: Meritor Heavy Vehicle Systems Ltd, Rackery Lane, Llay, Wrexham, L12 0pb  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0392001  Permit Version: 1  Effective Date: 30th April 2001  Issued Date: 30th April 2001  Revocation Date: 23rd September 2011  Discharge Type: Trade Discharges - Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Singret Brook Via Mains Drain  <b>Status: Surrendered under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	500	2	332780 356410
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works - Water Company  Location: Caer Estyn Stw  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0044501  Permit Version: 2  Effective Date: 30th January 1985  Issued Date: 30th January 1985  Revocation Date: 25th October 1995  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Not Supplied  Environment:  Receiving Water: Un-Named Trib. Of Pulford Broo  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	508	2	332230 357490
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works - Water Company  Location: Caer Estyn Stw  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0044501  Permit Version: 1  Effective Date: 26th April 1982  Issued Date: 26th April 1982  Revocation Date: 29th January 1985  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Not Supplied  Environment:  Receiving Water: Un-Named Trib. Of Pulford Broo  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	508	2	332230 357490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Stephanie Hamer  Property Type: Domestic Property (Single)  Location: The Orchard, Rhyddyn Hill, Caergwrle, Wrexham, LI12 9ef  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: Bb3591fm  Permit Version: 1  Effective Date: 6th January 2020  Issued Date: 6th January 2020  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Into Land  Environment:  Receiving Water: Groundwater Via Infiltration System  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	543	2	331946 357421
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Powys Caer Estyn Ps  Authority: Natural Resources Wales  Catchment Area: PULFORD BROOK  Reference: CM0188401  Permit Version: 1  Effective Date: 29th November 1989  Issued Date: 29th November 1989  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Tributary Of Pulford B  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	560	2	332330 357590
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Staions  Location: Powys Caer Estyn Ps  Authority: Natural Resources Wales  Catchment Area: PULFORD BROOK  Reference: Cm0188401  Permit Version: 1  Effective Date: 29th November 1989  Issued Date: 29th November 1989  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Tributary Of Pulford B  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	560	2	332330 357590
9	<p><b>Discharge Consents</b></p> <p>Operator: Mark Speed &amp; David Evans  Property Type: Domestic Property (Single)  Location: Plot 2 &amp; 3, Old Smithy Cottage, Llay, Wrexham, North Wales, LI12 0tl  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0449101  Permit Version: 1  Effective Date: 8th February 2007  Issued Date: 8th February 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of River Alyn  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	571	2	332451 356072



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Mark Speed  Property Type: Domestic Property (Single)  Location: Old Smithy Cottage, Cefn Y Bedd Road, Llay, Near Wrexham, North Wales, LI12 0tl  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0409801  Permit Version: 1  Effective Date: 25th June 2003  Issued Date: 25th June 2003  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of Afon Alyn  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	582	2	332425 356055
10	<p><b>Discharge Consents</b></p> <p>Operator: British Coal Corporation  Property Type: Undefined Or Other  Location: Llay Main Colliery Coal Washery Pla, Coal Washery Plant  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0023101  Permit Version: 1  Effective Date: 24th June 1964  Issued Date: 24th June 1964  Revocation Date: 20th February 1986  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Un-Named Trib. Of Alyn  <b>Status:</b> <b>Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	576	2	332550 356100
10	<p><b>Discharge Consents</b></p> <p>Operator: The Works Manager  Property Type: Manufacture Of Other Building Materials  Location: Marshalls Mono Plc Llay Works, Llay Industrial Estate, Llay Wrexham, LI12 0tl  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0401401  Permit Version: 1  Effective Date: 21st July 2003  Issued Date: 21st July 2003  Revocation Date: 22nd June 2009  Discharge Type: Trade Discharges - Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Un Named Watercourse  <b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	613	2	332534 356054
11	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: Llay Ind Estate  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0060002  Permit Version: 1  Effective Date: 14th October 1969  Issued Date: 14th October 1969  Revocation Date: 6th February 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Singret Brook  <b>Status:</b> <b>Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	679	2	332890 356250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p><b>Discharge Consents</b></p> <p>Operator: The Works Manager  Property Type: Manufacture Of Other Building Materials  Location: Marshalls Mono Plc Llay Works, Llay Industrial Estate, Llay Wrexham, LI12 0tl  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0401501  Permit Version: 1  Effective Date: 10th January 2003  Issued Date: 10th January 2003  Revocation Date: 22nd June 2009  Discharge Type: Trade Discharges - Site Drainage  Discharge: Into Land  Environment:  Receiving Water: To Ground  <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>	A9NW (SE)	690	2	332853 356187
13	<p><b>Discharge Consents</b></p> <p>Operator: Mr Michael Reeves Davies  Property Type: Domestic Property (Single)  Location: The Granary Dark Lane Burton, Dark Lane, Rossett, LI12 0ae  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0402901  Permit Version: 1  Effective Date: 6th December 2002  Issued Date: 6th December 2002  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Stringers Brook  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	710	2	332475 357764
14	<p><b>Discharge Consents</b></p> <p>Operator: Castle Cement Ltd  Property Type: Undefined Or Other  Location: Wrexham Llay Coal Washery Plant Lla, Llay Coal Washery Plant Llay Roa, Llay Road Llay  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0152401  Permit Version: 1  Effective Date: 1st June 1987  Issued Date: 1st June 1987  Revocation Date: 23rd December 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Ditch Trib Alyn  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	731	2	332240 355900
15	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Llay Chapel Lane Cso, Opposite Garden Centre, Behind 18 Birch Court, Wrexham, LI12 0tu  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: Cg0358401  Permit Version: 2  Effective Date: 18th September 2019  Issued Date: 18th September 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Afon Alyn Tributary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	892	2	333087 356160



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Chapel Lane Opposite Garden Centre, Opposite Garden Centre Llay  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: CG0358401  Permit Version: 1  Effective Date: 21st July 1994  Issued Date: 21st July 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Afon Alyn Tributary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	906	2	333110 356170
15	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Chapel Lane Opposite Garden Centre, Opposite Garden Centre Llay  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: Cg0358401  Permit Version: 1  Effective Date: 21st July 1994  Issued Date: 21st July 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Afon Alyn Tributary  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	906	2	333110 356170
16	<p><b>Discharge Consents</b></p> <p>Operator: Wrg  Property Type: Not Supplied  Location: Astbury Landfill Dark Lane Burton, Dark Lane Burton, Rossett Wrexham, LI12 0ae  Authority: Natural Resources Wales  Catchment Area: PULFORD BROOK  Reference: CM0096001  Permit Version: 4  Effective Date: 21st August 1999  Issued Date: 11th November 1993  Revocation Date: Not Supplied  Discharge Type: Trade Discharges - Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Trib Pulford Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A20SW (E)	926	2	333460 357180
16	<p><b>Discharge Consents</b></p> <p>Operator: Caird Environmental Ltd  Property Type: Extraction Of Stone, Gravel Etc.  Location: Astbury Quarry Dark Lane Burton, Dark Lane, Rossett, LI12 Oae  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0096001  Permit Version: 3  Effective Date: 12th November 1993  Issued Date: 11th November 1993  Revocation Date: 20th August 1999  Discharge Type: Trade Effluent  Discharge: Not Supplied  Environment:  Receiving Water: Un-Named Trib. Of Pulford Broo  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	933	2	333470 357170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p><b>Discharge Consents</b></p> <p>Operator: Caird Environmental Ltd  Property Type: Extraction Of Stone, Gravel Etc.  Location: Astbury Quarry Dark Lane Burton, Dark Lane, Rossett, LI12 Oae  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0096001  Permit Version: 2  Effective Date: 14th November 1985  Issued Date: 14th November 1985  Revocation Date: 10th November 1993  Discharge Type: Trade Effluent  Discharge: Not Supplied  Environment:  Receiving Water: Un-Named Trib. Of Pulford Broo  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	933	2	333470 357170
16	<p><b>Discharge Consents</b></p> <p>Operator: Caird Environmental Ltd  Property Type: Extraction Of Stone, Gravel Etc.  Location: Astbury Quarry Dark Lane Burton, Dark Lane, Rossett, LI12 Oae  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0096001  Permit Version: 1  Effective Date: 18th May 1983  Issued Date: 18th May 1983  Revocation Date: 13th November 1985  Discharge Type: Trade Effluent  Discharge: Not Supplied  Environment:  Receiving Water: Un-Named Trib. Of Pulford Broo  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	933	2	333470 357170
17	<p><b>Discharge Consents</b></p> <p>Operator: The Director  Property Type: Domestic Property (Multiple)  Location: Cherry Bank Stables &amp; Barn, Bank Farm, Dark Lane, Burton By Rossett, Wrexham, LI12 Oae  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Npswd002755  Permit Version: 2  Effective Date: 26th November 2012  Issued Date: 26th November 2012  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: To Ground Waters Via Soakaway  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	953	2	333510 357043
17	<p><b>Discharge Consents</b></p> <p>Operator: The Director  Property Type: Domestic Property (Multiple)  Location: Cherry Bank Stables &amp; Barn, Bank Farm, Dark Lane, Burton By Rossett, Wrexham, LI12 Oae  Authority: Natural Resources Wales  Catchment Area: PULFORD BROOK  Reference: Wqd002755  Permit Version: 2  Effective Date: 26th November 2012  Issued Date: 26th November 2012  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Into Land  Environment:  Receiving Water: Groundwater Via Infiltration System  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	953	2	333510 357043

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Discharge Consents</b></p> <p>Operator: The Director  Property Type: Domestic Property (Multiple)  Location: Cherry Bank Stables &amp; Barn, Bank Farm, Dark Lane, Burton By Rossett, Wrexham, L12 0ae  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Npswqd002755  Permit Version: 1  Effective Date: 12th September 2008  Issued Date: 12th September 2008  Revocation Date: 25th November 2012  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: To Ground Waters Via Soakaway  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	953	2	333510 357043
18	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: Llay Ind Estate  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0080201  Permit Version: 1  Effective Date: 5th March 1975  Issued Date: 5th March 1975  Revocation Date: 6th February 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Alyn  <b>Status:</b> <b>Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	960	2	331270 356530
19	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Undefined Or Other  Location: Llay Ind Estate  Authority: Natural Resources Wales  Catchment Area: River Dee  Reference: Cm0060001  Permit Version: 1  Effective Date: 14th October 1969  Issued Date: 14th October 1969  Revocation Date: 6th February 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Alyn  <b>Status:</b> <b>Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	963	2	331240 356600
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Welsh Water  Property Type: Sewerage Network - Pumping Stations  Location: Pumping Station On Development Land, Off Llay Road, Wrexham, Wales, United Kingdom, L12 0tx  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: Cg0413901  Permit Version: 1  Effective Date: 22nd January 2004  Issued Date: 22nd January 2004  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Singret Brook  <b>Status:</b> <b>Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	979	2	333155 356106

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Welsh Water  Property Type: Sewerage Network - Pumping Staions  Location: Pumping Station On Development Land, Off Llay Road, Wrexham, Wales, United Kingdom, LI12 0tx  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: Cg0413901  Permit Version: 1  Effective Date: 22nd January 2004  Issued Date: 22nd January 2004  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Singret Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	979	2	333155 356106
20	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Welsh Water  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Pumping Station On Development Land, Off Llay Road, Wrexham, Wales, United Kingdom, LI12 0tx  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Cg0413901  Permit Version: 1  Effective Date: 22nd January 2004  Issued Date: 22nd January 2004  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Singret Brook  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	979	2	333155 356106
21	<p><b>Discharge Consents</b></p> <p>Operator: The Meadow Barns (Llay) Management Company Limited  Property Type: Domestic Property (Multiple)  Location: Llay Hall Farm, Llay Road, Llay, Clwyd, LI12 0th  Authority: Natural Resources Wales  Catchment Area: ALYN - HOPE TO DEE  Reference: Fp3527xf  Permit Version: 1  Effective Date: 1st March 2011  Issued Date: 27th October 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Trib Of River Alyn  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A3NE (S)	990	2	332569 355670
21	<p><b>Discharge Consents</b></p> <p>Operator: The Meadow Barns (Llay) Management Company Limited  Property Type: Domestic Property (Multiple)  Location: Llay Hall Farm, Llay Road, Llay, Clwyd, LI12 0th  Authority: Natural Resources Wales  Catchment Area: Alyn  Reference: Eprfp3527xf  Permit Version: 1  Effective Date: 1st March 2011  Issued Date: 27th October 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Trib Of River Alyn  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A3NE (S)	990	2	332569 355670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p><b>Prosecutions Relating to Controlled Waters</b></p> <p>Location: Singrett Brook, Llay Industrial Estate, Llay, LL12</p> <p>Prosecution Text: A technical fault lead to vegetable oil entering a nearby watercourse - three year conditional discharge served</p> <p>Prosecution Act: Wra91 S85(1)</p> <p>Hearing Date: 9th June 2005</p> <p>Verdict: Guilty</p> <p>Fine: 0</p> <p>Cost: 1586</p> <p>Positional Accuracy: Manually positioned within the geographical locality</p>	A14SW (SE)	535	3	332872 356524
23	<p><b>Integrated Pollution Controls</b></p> <p>Name: Magellan Aerospace Corporation Ltd</p> <p>Location: Rackery Lane, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PB</p> <p>Authority: Environment Agency, Welsh Region</p> <p>Permit Reference: AO6880</p> <p>Dated: 21st April 1995</p> <p>Process Type: IPC new application</p> <p>Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry</p> <p><b>Status: Authorisation superseded by a substantial or non substantial variation</b></p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	790	3	333114 356394
23	<p><b>Integrated Pollution Controls</b></p> <p>Name: Magellan Aerospace Corporation Ltd</p> <p>Location: Rackery Lane, WREXHAM, Clwyd, LL12 0PB</p> <p>Authority: Environment Agency, Welsh Region</p> <p>Permit Reference: BD0150</p> <p>Dated: 24th November 1998</p> <p>Process Type: IPC minor (non-substantial) variation to previous variation</p> <p>Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry</p> <p><b>Status: Revoked - Now IPPC</b></p> <p>Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	794	3	333114 356389
24	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Llay Feed Mill</p> <p>Location: Llay Feed Mill, Cymru Country Feeds, Miners Road, Llay, Wrexham, LL12 0PJ</p> <p>Authority: Natural Resources Wales</p> <p>Permit Reference: AP3337HF</p> <p>Original Permit Ref: Ap3337hf</p> <p>Effective Date: 21st January 2022</p> <p><b>Status: Effective</b></p> <p>Application Type: Bespoke</p> <p>App. Sub Type: Not Supplied</p> <p>Positional Accuracy: Located by supplier to within 10m</p> <p>Activity Code: 6.8 PART A (1) D (II)</p> <p>Activity Description: Not Supplied</p> <p>Primary Activity: Y</p>	A8NE (S)	251	2	332360 356380
25	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Vion Food Group Limited</p> <p>Location: Miners Road, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PJ</p> <p>Authority: Natural Resources Wales</p> <p>Permit Reference: Rp3835sy</p> <p>Original Permit Ref: Rp3835sy</p> <p>Effective Date: 13th April 2006</p> <p><b>Status: Superseded By Variation</b></p> <p>Application Type: Application</p> <p>App. Sub Type: New</p> <p>Positional Accuracy: Automatically positioned to the address</p> <p>Activity Code: 6.8 A(1) (D) (II)</p> <p>Activity Description: Animal, Vegetable &amp; Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day</p> <p>Primary Activity: Y</p>	A9NW (SE)	542	2	332851 356465
26	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Wrg Waste Services Ltd</p> <p>Location: Rossett Landfill Site, Astbury Landfill Site, Dark Lane, Burton, Rossett, Wrexham, Clwyd, LL12 0AE</p> <p>Authority: Environment Agency, Welsh Region</p> <p>Permit Reference: Bw0274id</p> <p>Original Permit Ref: Bw0274id</p> <p>Effective Date: Not Supplied</p> <p><b>Status: Valid</b></p> <p>Application Type: Not Supplied</p> <p>App. Sub Type: Not Supplied</p> <p>Positional Accuracy: Manually positioned to the address or location</p> <p>Activity Code: 5.2 A(1) (A)</p> <p>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste</p> <p>Primary Activity: Not Supplied</p>	A19SE (NE)	716	3	333186 357308

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Wrg Environmental Ltd            Location: Rossett Landfill Gas Utilisation Scheme, Astbury Landfill Site, Dark Lane, Burton, Rossett., WREXHAM, Clwyd, LL12 0AE            Authority: Environment Agency, Welsh Region            Permit Reference: Up3337sa            Original Permit Ref: Up3337sa            Effective Date: 13th December 2006  <b>Status: Effective</b>            Application Type: Application            App. Sub Type: New            Positional Accuracy: Automatically positioned to the address            Activity Code: 1.1 A(1) (B) (III)            Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw            Primary Activity: Y</p>	A19SE (NE)	726	3	333201 357300
27	<p><b>Local Authority Integrated Pollution Prevention And Control</b></p> <p>Name: Magellan Aerospace (Uk Ltd)            Location: Rackery Lane, Llay Industrial Estate, Wrexham, LL12 0pb            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/IPPC/05/MA            Dated: Not Supplied            Process Type: Other Activities            Description: SG6  <b>Status: Permit Issued</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NE (SE)	761	4	333055 356380
28	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Marlin Industries            Location: Davy Way, Llay Industrial Estate, Wrexham, LL12 0pg            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/PG6/2/MI/1            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/2 Manufacture of timber and wood-based products  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A13SW (SW)	141	4	332138 356624
29	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Llay Recycling Centre            Location: Miners Park, Miners Road, Llay, Wrexham, LL12 0pj            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/PG3/16/LRC/V1            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/16 Mobile screening and crushing processes  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	365	4	332193 356283
29	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Llay Recycling Centre            Location: Miners Park, Miners Road, Llay, Wrexham, LL12 0pj            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/PG3/16/LRC/V1            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1 Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	365	4	332193 356283
30	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Arvin Meritor Hvs Ltd            Location: Rackery Lane, Llay, WREXHAM, Clwyd, LL12 0PB            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: Wcbc/Pg6/23/Mv2            Dated: 15th December 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/23 Coating of metal and plastic  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the address or location</p>	A14SW (SE)	464	4	332824 356577
31	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Cymru Country Feeds Limited            Location: Llay Mill, Miners Road, Llay Industrial Estate, WREXHAM, Clwyd, LL13 9PG            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: Wcbc/Pg6/26(96)Cymv2            Dated: 10th November 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/26 Animal feed compounding  <b>Status: Transferred to IPPC</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	489	4	332801 356481



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Marshalls Mono Ltd            Location: Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0tl            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC-PG3-1-M            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	650	4	332790 356180
33	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Marshalls Mono Ltd            Location: Llay Road, WREXHAM, Clwdd, LL12 0TL            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: Wmbc/Hjb/02/011            Dated: 26th March 1996            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Application exempt from APC</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8SE (S)	717	4	332689 356014
33	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Llay Mortar Plant            Location: Llay Industrial Estate, WREXHAM, Clwyd, LL12 0TL            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: Wcbc/Pg3/1(1)            Dated: 23rd March 1996            Process Type: Local Authority Air Pollution Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Authorised</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	731	4	332710 356011
33	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Clwyd Concrete Products Ltd            Location: Llay, Wrexham, LL12 0tl            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/PG3/1/CCP/V1            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	731	4	332709 356011
34	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Cymru Country Feeds Ltd            Location: Llay Mill, Miners Road, Llay Industrial Estate, WREXHAM, Clwyd, LL12 0PJ            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: Wmbc/Hjb/03/025            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG6/26 Animal feed compounding  <b>Status: Authorised</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	724	4	333033 356410
35	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Star County Textile Services Ltd            Location: Aerial Road, Llay Industrial Estate South, Llay, LL12 0tu            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC-PG6-46(5)V2            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/46 Dry cleaning  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	773	4	332949 356173
36	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Magellan Aerospace Metal Treatments            Location: Rackery Lane, Llay, Wrexham, Clwyd, LL12 0pb            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/IPPC/05/MA            Dated: 3rd January 2001            Process Type: Local Authority Air Pollution Control            Description: PG6/40 Coating and recoating of aircraft and aircraft components  <b>Status: Permitted</b>            Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	820	4	333110 356350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Magellan Aerospace Metal Treatments            Location: Rackery Lane, Llay, Wrexham, Clwyd, L112 0pb            Authority: Wrexham County Borough Council, Environmental Health Department            Permit Reference: WCBC/IPPC/05/MA            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/10 Coating manufacturing  <b>Status: Transferred to LAIPPC</b>            Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	820	4	333110 356350
37	<p><b>Local Authority Pollution Prevention and Control Enforcements</b></p> <p>Location: Llay Mill, Miners Road, Llay Industrial Estate, Wrexham, Clwyd, L113 9pg            Type: Air Pollution Control Enforcement Notice            Reference: NOT GIVEN            Date Issued: 1st February 2002            Enforcement Date: Not Supplied            Details: Section 13 Notice Served            Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	489	4	332801 356481
	<p><b>Nearest Surface Water Feature</b></p>	A13NW (N)	0	-	332344 356976
38	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential            Location: Borehole On Site            Authority: Environment Agency, Welsh Region            Pollutant: Farm Effluent/Slurry            Note: Poor Operational Practise            Incident Date: 24th October 1991            Incident Reference: 3380            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Direct Discharge            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	71	3	332600 356900
39	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Surface Water Outfall            Location: Llay Industrial Estate            Authority: Environment Agency, Welsh Region            Pollutant: Industrial Solid Waste            Note: Weather            Incident Date: 8th August 1994            Incident Reference: 20750            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Runoff            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	131	3	332350 356500
40	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Council Premises            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Cooling Water            Note: Deliberate Act            Incident Date: 11th October 1994            Incident Reference: 21718            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>	A13SE (SE)	153	3	332500 356700
41	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Waste Handling Facilities            Location: Llay Industrial Estate            Authority: Environment Agency, Welsh Region            Pollutant: Algae            Note: Mechanical Failure            Incident Date: 8th August 1994            Incident Reference: 20749            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Spillage            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	178	3	332300 356450



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<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: Chemicals - Other Inorganic            Note: Poor Management; River Alyn            Incident Date: 21st September 1998            Incident Reference: 36731            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Spillage            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	218	3	332500 356500
43	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Waste Disposal Tip            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Natural Causes            Incident Date: 4th May 1995            Incident Reference: 23991            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Leachate            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A14SW (E)	247	3	332750 356800
44	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential            Location: Dark Lane, Access Road            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 9th May 1991            Incident Reference: 39            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>	A19SW (NE)	335	3	332800 357200
45	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Pulford Brook            Authority: Environment Agency, Welsh Region            Pollutant: Mud/Clay/Soil            Note: Poor Management; Pulford Brook            Incident Date: 26th August 1998            Incident Reference: 36529            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Effluent Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	441	3	333000 357000
46	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Other            Location: Caer Estyn Sdw            Authority: Environment Agency, Welsh Region            Pollutant: Light Oil            Note: Mechanical Failure            Incident Date: 9th July 1991            Incident Reference: 2930            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Overflow            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	555	3	332330 357585
47	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Waste Handling Facilities            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Accidental Spillage/Leakage            Incident Date: 9th December 1994            Incident Reference: 21898            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>	A9NW (SE)	570	3	332900 356500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: D/S Of Lower Rackery Farm, LLAY            Authority: Environment Agency, Welsh Region            Pollutant: Farm Effluent/Slurry            Note: Pulford Brook            Incident Date: 25th March 1998            Incident Reference: 35068            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>	A19NW (NE)	585	3	332700 357600
49	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Process            Location: Marshalls Mono Ltd            Authority: Environment Agency, Welsh Region            Pollutant: Agricultural: Carcasses            Note: Inadequate Design/Capacity            Incident Date: 20th March 1992            Incident Reference: 3438            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Runoff            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	652	3	332700 356100
49	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Process            Location: Marshalls Mono Ltd            Authority: Environment Agency, Welsh Region            Pollutant: Light Oil            Note: Inadequate Design/Capacity            Incident Date: 20th March 1992            Incident Reference: 3438            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Runoff            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	656	3	332700 356095
50	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Council Premises            Location: Down Stream Of From, Footpath            Authority: Environment Agency, Welsh Region            Pollutant: Crude Sewage            Note: Blocked Sewer            Incident Date: 11th April 1995            Incident Reference: 23408            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>	A14SE (E)	659	3	333200 356800
51	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Manor Transport, LLAY            Authority: Environment Agency, Welsh Region            Pollutant: Light Oil            Note: Vandalism            Incident Date: 5th November 1996            Incident Reference: 30403            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Runoff            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	672	3	333000 356450
52	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Down Stream Of Tip Site            Authority: Environment Agency, Welsh Region            Pollutant: Miscellaneous - Vehicle Washings And De Waxing            Note: Natural Causes            Incident Date: 6th January 1995            Incident Reference: 22233            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>	A19SW (NE)	673	3	333000 357495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other            Location: Tributary Dark Lane            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Deliberate Act            Incident Date: 11th November 1991            Incident Reference: 1187            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>	A19SW (NE)	677	3	333000 357500
53	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Council Premises            Location: Walnut Grove, LLAY            Authority: Environment Agency, Welsh Region            Pollutant: Light Oil            Note: Blocked Sewer            Incident Date: 16th August 1991            Incident Reference: 3126            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>	A9NE (SE)	708	3	333100 356500
54	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Foot Crossing            Authority: Environment Agency, Welsh Region            Pollutant: Mud/Clay/Soil            Note: Not Supplied            Incident Date: 3rd March 1992            Incident Reference: 3347            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>	A9NW (SE)	746	3	333000 356300
55	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential            Location: Down Stream Of Llay, Industrial Estate            Authority: Environment Agency, Welsh Region            Pollutant: Crude Sewage            Note: Not Supplied            Incident Date: 27th April 1995            Incident Reference: 23908            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>	A9SW (SE)	858	3	333000 356100
56	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Surface Water Outfall            Location: Garden Centre, All Along Nant, CARLTON            Authority: Environment Agency, Welsh Region            Pollutant: Chemicals - Acid            Note: Not Supplied            Incident Date: 23rd January 1995            Incident Reference: 22404            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>	A9NE (SE)	882	3	333100 356200
56	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Surface Water Outfall            Location: Industrial Estate, LLAY            Authority: Environment Agency, Welsh Region            Pollutant: Crude Sewage            Note: Blocked Sewer            Incident Date: 11th April 1995            Incident Reference: 23409            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Overflow            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	885	3	333100 356195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Downstream Llay Industrial Estate                      Authority: Environment Agency, Welsh Region                      Pollutant: Chlorinated Water                      Note: Blocked Sewer                      Incident Date: 21st October 1996                      Incident Reference: 30261                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Overflow                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	886	3	333105 356200
56	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Process                      Location: The Headwall                      Authority: Environment Agency, Welsh Region                      Pollutant: Light Oil                      Note: Not Supplied                      Incident Date: 13th March 1995                      Incident Reference: 22854                      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>	A9NE (SE)	889	3	333105 356195
56	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Process                      Location: HUNTINGTON                      Authority: Environment Agency, Welsh Region                      Pollutant: Unknown                      Note: Inadequate Design/Capacity                      Incident Date: 19th March 1992                      Incident Reference: 3435                      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>	A9SE (SE)	909	3	333100 356150
57	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Laedwall, Opposite Garden Centre                      Authority: Environment Agency, Welsh Region                      Pollutant: Crude Sewage                      Note: Blockage                      Incident Date: 3rd February 1997                      Incident Reference: 31139                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Overflow                      Incident Severity: Category 3 - Minor Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	884	3	333130 356250
58	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Behind Clay Park Junior School                      Authority: Environment Agency, Welsh Region                      Pollutant: Crude Sewage                      Note: Blocked Sewer                      Incident Date: 10th April 1996                      Incident Reference: 27869                      Catchment Area: Not Given                      Receiving Water: Not Given                      Cause of Incident: Spillage                      Incident Severity: Category 2 - Significant Incident                      Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	947	3	333200 356250
58	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given                      Location: Llay Woods                      Authority: Environment Agency, Welsh Region                      Pollutant: Crude Sewage                      Note: Weather                      Incident Date: 15th October 1996                      Incident Reference: 30278                      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>	A9NE (SE)	949	3	333200 356245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	<b>Pollution Incidents to Controlled Waters</b> Property Type: Process Location: Down Stream Of Industrial Estate Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 10th December 1991 Incident Reference: 1643 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	969	3	333200 356200
59	<b>Pollution Incidents to Controlled Waters</b> Property Type: Private Sewage (Non-PLC): Other Location: Rhydun Hall Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Neglect Incident Date: 3rd April 1995 Incident Reference: 23151 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	A11NE (W)	966	3	331200 357100
60	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Sewerage Location: Infant School, LLAY Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Blocked Sewer Incident Date: 20th May 1996 Incident Reference: 28392 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	978	3	333150 356100
60	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Rear Of Infant School, LLAY Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Blocked Sewer Incident Date: 20th May 1996 Incident Reference: 28392 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	981	3	333150 356095
61	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Astbury Quarry, LLAY Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Pulford Brook; Effluent Quality Incident Date: 18th December 1997 Incident Reference: 34303 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Management Control Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A20SW (E)	999	3	333500 357300
62	<b>Prosecutions Relating to Authorised Processes</b> Location: Llay Industrial Estate, Wrexham Prosecution Text: Operating a waste transfer site outside the rules of his licence Prosecution Act: Epa90 S33 Hearing Date: 5th June 2007 Verdict: Guilty Fine: 16000 Costs: 0 Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	237	3	332427 356417

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Alyn GQA Grade: River Quality B Reach: Conf.Cegidog - Conf.Black Bk. Estimated Distance (km): 5.4 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A11SE (W)	955	3	331207 356741
63	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 17th May 2017 Incident Reference: 1702615 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable : Other	A13SW (SW)	138	2	332186 356569
64	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 3rd February 2005 Incident Reference: 291092 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Cutting Oils	A9SE (SE)	895	2	333092 356162
65	<b>Water Abstractions</b> Operator: Tarmac Topmix Ltd Licence Number: 24/67/9/0159 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: Mineral Products: General Washing/Process Washing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 50 Yearly Rate (m3): 12500 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (E)	686	3	333210 357180
	<b>Water Abstractions</b> Operator: Mr T Morgan Licence Number: 24/67/8/0094 Permit Version: 100 Location: River Cegidog Authority: Environment Agency, Welsh Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Cegidog Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	1473	3	331280 355580
	<b>Water Abstractions</b> Operator: Mr R Pilkington Licence Number: Wa/067/0007/011 Permit Version: 1 Location: Carboniferous Sandstone Authority: Natural Resources Wales 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: Shordley Hall Farm, Hope Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th October 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1537	2	332440 358590



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Mr R Pilkington  Licence Number: 24/67/9/0175  Permit Version: 1  Location: Carboniferous Sandstone  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: Shordley Hall Farm, Hope  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(N)	1537	3	332440 358590
	<p><b>Water Abstractions</b></p> <p>Operator: F Pilkington  Licence Number: 24/67/9/0164  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, Welsh Region  Abstraction: General Farming And Domestic  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 19  Yearly Rate (m3): 7283  Details: Carboniferous Sandstone  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1537	3	332440 358590
	<p><b>Water Abstractions</b></p> <p>Operator: Pilkington  Licence Number: Wa/067/0007/011  Permit Version: Not Supplied  Location: Borehole For Agricultural Purpose At Shordley Hall Farm  Authority: Natural Resources Wales  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: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(N)	1537	2	332440 358590
	<p><b>Water Abstractions</b></p> <p>Operator: Mr R Snow  Licence Number: 24/67/8/0069  Permit Version: 100  Location: Borehole  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: 25th April 1973  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(N)	1852	3	332900 358860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Mr L Lister Licence Number: 24/67/9/0146 Permit Version: 100 Location: Borehole 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: 7th October 1974 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1984	3	334500 357380
	<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: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial >10m Thickness: Superficial Low Recharge:	A13NW (N)	0	2	332355 357000
	<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: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial >10m Thickness: Superficial Medium Recharge:	A13NW (SW)	0	2	332355 356862
	<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: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial >10m Thickness: Superficial Medium Recharge:	A13NE (N)	0	2	332375 356923
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NW (SW)	0	2	332355 356862
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (SW)	0	2	332355 356862
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NE (N)	0	2	332375 356923
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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				
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 439.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NW (N)	0	5	332323 356970
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 281.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13SE (SE)	142	5	332502 356728
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 97.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13SE (SE)	208	5	332517 356527
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 92.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NW (S)	312	5	332327 356314
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 244.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NE (S)	326	5	332469 356339
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NE (S)	331	5	332415 356311
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NE (S)	342	5	332446 356310
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 288.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A8NE (S)	345	5	332399 356292

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: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NE (S)	345	5	332399 356292
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1338.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SW (NW)	365	5	332160 357321
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 101.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	369	5	331785 356859
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 923.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A19SW (NE)	534	5	332936 357350
78	<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: Dee Primacy: 2	A8SW (S)	542	5	332237 356091
79	<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: Dee Primacy: 2	A8SW (S)	555	5	332232 356079
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 199.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SE (S)	566	5	332505 356092
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	572	5	332770 356272
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 172.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NE (N)	576	5	332403 357623

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: 68.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A9NW (SE)	584	5	332790 356276
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NW (SE)	584	5	332791 356276
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SE (S)	597	5	332410 356037
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A8SE (S)	597	5	332410 356037
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 102.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A19NW (NE)	599	5	332706 357613
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 80.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A8SE (S)	604	5	332402 356029
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 99.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A8SE (S)	604	5	332402 356029
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A8SW (S)	641	5	332318 355986
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A8SW (S)	661	5	332352 355967

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: 330.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A19NW (NE)	678	5	332792 357661
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 549.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NE (N)	713	5	332485 357767
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NE (N)	713	5	332481 357767
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 227.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SW (S)	731	5	332284 355896
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	820	5	331417 356542
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	829	5	331406 356543
98	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 475.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A3NW (S)	865	5	332080 355795
99	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 60.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	884	5	331350 356534
100	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1167.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (SE)	893	5	333088 356160

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: 59.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A20SW (NE)	925	5	333417 357309
102	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 69.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A11SE (W)	932	5	331295 356542
103	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 466.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A20SW (E)	934	5	333466 357189
104	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 190.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Alun Catchment Name: Dee Primacy: 1	A11SE (W)	969	5	331233 356589
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 592.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Alun Catchment Name: Dee Primacy: 1	A11SE (W)	971	5	331192 356750
106	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Alun Catchment Name: Dee Primacy: 1	A11SE (W)	983	5	331231 356566
107	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 537.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Alun Catchment Name: Dee Primacy: 1	A11SE (W)	987	5	331231 356554
108	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 215.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A11SE (W)	987	5	331231 356554
109	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 75.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A24SE (NE)	994	5	333034 357887

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Shanks            Location: Dark Lane, Llay, Wrexham            Name: Astbury Quarry            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD14780            First Input Date: 31st December 1983            Last Input Date: 31st December 1987            Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6955/0024            BGS Ref: Not Supplied            Other Ref: WMBC L/13, NOW-510-L, 6955/0062</p>	A14NW (E)	288	2	332834 357049
111	<p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: Astbury Landfill (Rossett)            Licence Number: 37116            Location: Astbury Landfill, Dark Lane, Burton, Wrexham, Clwyd, LL12 0AE            Licence Holder: W R G Environmental Ltd            Authority: Natural Resources Wales            Site Category: Household, Commercial And Industrial Waste Landfills            Max Input Rate: Not Supplied  <b>Licence Status: Modified</b>            Issued: 17th August 1994            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: As Supplied</p>	A14SW (E)	232	2	332736 356806
112	<p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: Bryn Y Gaer Quarry            Licence Number: 37050            Location: Bryn Y Gaer, Gresford Road, Hope, Wrexham, LL12 9SD            Licence Holder: Ash Waste Services Ltd            Authority: Natural Resources Wales            Site Category: Deposit of Waste to Land as a Recovery Operation            Max Input Rate: Not Supplied  <b>Licence Status: Modified</b>            Issued: 21st January 1993            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: As Supplied</p>	A17NE (NW)	742	2	331722 357524
113	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: ZP3594FN            Location: W H Chaloner &amp; Son Ltd, Llay Industrial Estate, Wrexham, LL12 0PJ            Operator Name: W H Chaloner &amp; Son Limited            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Metal Recycling Sites (Mixed)  <b>Licence Status: Effective</b>            Issued: 20th July 1995            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	234	2	332412 356413
113	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 37135            Location: W H Chaloner &amp; Son Ltd, Miners Road, Llay Industrial Estate, Wrexham, LL12 0PJ            Operator Name: W H Chaloner &amp; Son Limited            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Metal Recycling Sites (Mixed)  <b>Licence Status: Modified</b>            Issued: 20th July 1995            Last Modified: 23rd October 2012            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	234	2	332412 356413

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: FP3894FP            Location: Astbury (Rossett) Landfill, Dark Lane, Burton, Wrexham, LL12 0AE            Operator Name: W R G Environmental Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Effective</b>            Issued: 11th January 2019            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	246	2	332747 356798
115	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: RP3994FN            Location: Miner's Road Depot, Llay Industrial Estate, Wrexham, LL12 0PJ            Operator Name: Wrexham Borough Council            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Physical Treatment Facilities  <b>Licence Status: Effective</b>            Issued: 9th May 2002            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	365	2	332163 356296
115	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 37235            Location: Wrexham Construction Services, Miners Road, Llay Industrial Estate, Wrexham, LL12 0PJ            Operator Name: Wrexham Borough Council            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Physical Treatment Facilities  <b>Licence Status: Issued</b>            Issued: 9th May 2002            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	365	2	332163 356296
116	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: NB3293HV            Location: Llay Depot, Llay Industrial Park, Llay, LL12 0PJ            Operator Name: Roadway Civil Engineering &amp; Surfacing Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Inert &amp; excavation Waste TS + treatment  <b>Licence Status: Effective</b>            Issued: 12th December 2014            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	420	2	332152 356241



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: RP3894FC            Location: P P S Skip Hire, Llay Industrial Estate, Wrexham, Clwyd, Wrexham, LL12 0PJ            Operator Name: David Alan Darby            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Expired</b>            Issued: 4th September 2003            Last Modified: Not Supplied            Expires: 8th May 2009            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	442	2	332035 356286
117	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 37239            Location: 12 Miners Road, Llay Industrial Estate, Wrexham, Clwyd, LL12 0PJ            Operator Name: Darby David Alan            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Expired</b>            Issued: 4th September 2003            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	442	2	332035 356286
118	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 220007            Location: Astbury Landfill Site, Dark Lane, Rossett, Wrexham, LL12 0AE            Operator Name: W R G Environmental Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Landfill Gas Engine (&lt;3 mW)  <b>Licence Status: Issued</b>            Issued: 13th December 2006            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: UP3337            Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	725	2	333200 357300
118	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: AB3096FL            Location: Rossett Landfill Gas Utilisation Plant, Astbury Landfill Site, Dark Lane, Rossett, LL12 0AE            Operator Name: W R G Environmental Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Landfill Gas Engine (&lt;3 mW)  <b>Licence Status: Effective</b>            Issued: 13th December 2006            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 100m</p>	A19SE (NE)	725	2	333200 357300



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: UP3094FQ            Location: Bryn Y Gaer Quarry, Hope, Wrexham, Flintshire, LL12 9SD            Operator Name: Ash Waste Services Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Other Landfill Sites Taking Special Waste  <b>Licence Status: Surrendered</b>            Issued: 29th January 1993            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: 11th April 2016            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	955	2	331613 357708
119	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 37050            Location: Bryn Y Gaer, Gresford Road, Hope, LL12 9SD            Operator Name: Ash Waste Services Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Other Landfill Sites Taking Special Waste  <b>Licence Status: Modified</b>            Issued: 21st January 1993            Last Modified: 11th March 2014            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	955	2	331613 357708
	<p><b>Local Authority Landfill Coverage</b></p> <p>Name: Wrexham County Borough Council            - Has supplied landfill data</p>		0	6	332355 356862
	<p><b>Local Authority Landfill Coverage</b></p> <p>Name: Flintshire Council            - Has supplied landfill data</p>		364	7	332162 357320
120	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Caird Environmental Ltd            Licence Reference: L84            Site Location: Astbury Quarry Landfill, Dark Lane, Burton, Rossett, Wrexham, Clwyd            Licence Easting: 333000            Licence Northing: 357000            Operator Location: North Road, Ellesmere Port, Cheshire, Ch65 1ae            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st August 1994            Preceded By: L56/A            Licence:            Superseded By: NOW-510-L (L84)            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste</p> <p>Prohibited Waste</p> <ul style="list-style-type: none"> <li>Alkalis</li> <li>Constr/Demol/Excav.Waste</li> <li>Contaminated Rubbish</li> <li>Household Waste</li> <li>Non-Toxic Metal Compounds</li> <li>Organic Acids + Related Cmpds</li> <li>Paper Pulp</li> <li>Toxic Metal Compounds</li> <li>Animal Carcasses/Offal</li> <li>Clinical Wastes</li> <li>Combustible/Potentially Combustible</li> <li>Liquid Wastes</li> <li>Liquified Gas / Gas Under Pressure</li> <li>Organohalogen Substances</li> <li>Percussive/Explosive/Similar Waste</li> <li>Special Wastes As In Appendix Vi Lic.</li> <li>Sub'S Control. Radioactive Subs Act'60</li> <li>Waste Contain.Viable Pathogenic Org.</li> <li>Waste In Drums</li> </ul>	A14NW (E)	441	3	333000 357000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Caird Environmental Ltd            Licence Reference: NOW-510-L (L84)            Site Location: Astbury Quarry/Dark Lane Landfill, Burton, Rossett, Wrexham, Clwyd            Licence Easting: 333100            Licence Northing: 357100            Operator Location: Dunedin House, Auckland Park, Mount Farm, MILTON KEYNES, Buckinghamshire, MK1 1BU            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Operational as far as is known            Dated: 25th March 1999            Preceded By: NOW-510-L (L84)            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Animal Carcasses In Accordance With Maff By-Roducys Order '99            Asbestos            Com. &amp; Ind. Non-Haz. Waste            Construction And Demolition Wastes            Contaminated Rubbish            Difficult Wastes (As In Wmp.26)            Excavation Waste            Household Waste            Max.Waste Permitted By Licence            Newly Spec.Waste (Epa'90:S62-1996)            Paper Pulp            Prohibited Waste: Animal Carcasses, Offal            Clinical - As In Control.Waste Regs'92            Likely Danger From Combust/Fume/Gas            Liquid Wastes            Organometallic Compounds With Conc'Ns &gt; 1000 Mg/Kg            Organophosphorus Cmpds With Conc'Ns &gt; 50 Mg/Kg            Organosilicon Compounds With Conc'Ns &gt; 1000 Mg/Kg            Organosulphur Cmpds With Conc'Ns &gt; 1000 Mg/Kg            Pcbs/Pcts/Naphthalenes With Conc'Ns &gt; 20 Mg/Kg            Percussive/Explosive/Similar Waste            Pressurised Gas            Spec.Waste (Epa'90:S62/1996 Regs)            Sub'S Control. Radioactive Subs Act'60            W.With Viable Pathogenic Organisms            Waste In Drums            Waste N.O.S.            Waste With Halogenated Hydrocarbond With Conc'Ns &gt; 500 Mg/Kg</p>	A14NE (E)	557	3	333100 357100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Caird Environmental Ltd            Licence Reference: NOW-510-L (L84)            Site Location: Astbury Quarry/Dark Lane Landfill, Burton, Rossett, Wrexham, Clwyd            Licence Easting: 333100            Licence Northing: 357100            Operator Location: North Road, Ellesmere Port, Cheshire, Ch65 1ae            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st September 1995            Preceded By: L84            Licence:            Superseded By: NOW-510-L (L84)            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Asbestos            Com. &amp; Ind. Non-Haz. Waste            Construction And Demolition Wastes            Contaminated Rubbish            Difficult Wastes (As In Wmp.26)            Excavation Waste            Household Waste            Max.Waste Permitted By Licence            Newly Spec.Waste (Epa'90:S62-1996)            Paper Pulp  <b>Prohibited Waste</b>: Animal Carcasses, Offal            Clinical - As In Control.Waste Regs'92            Likely Danger From Combust/Fume/Gas            Liquid Wastes            Organohalogen Compounds            Organometallic Compounds            Organophosphorus Cmpds            Organosilicon Compounds            Organosulphur Cmpds            PcbS/PctS/Naphthalenes            Percussive/Explosive/Similar Waste            Pressurised Gas            Spec.Waste (Epa'90:S62/1996 Regs)            Sub'S Control. Radioactive Subs Act'60            W.With Viable Pathogenic Organisms            Waste In Drums            Waste N.O.S.</p>	A14NE (E)	557	3	333100 357100
122	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: The Caird Group Plc            Licence Reference: L13            Site Location: Dark Lane Landfill, Rossett, Wrexham, Clwyd            Licence Easting: 333000            Licence Northing: 357395            Operator Location: 33 Sekforde Street, LONDON, Greater London, EC1R 0HH            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st July 1983            Preceded By: L13            Licence:            Superseded By: L13(i)            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Inert Or Relatively Non-Polluting Mat.  <b>Prohibited Waste</b>: Distillation Residues            Fats, Waxes And Greases            Notifiable Wastes            Titanium From Ceramic Waste</p>	A19SW (NE)	612	3	333000 357395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Clwyd Waste Disposal Ltd            Licence Reference: L13            Site Location: Dark Lane Landfill, Rossett, Wrexham, Clwyd            Licence Easting: 333000            Licence Northing: 357400            Operator Location: Clegg House, Knutsford Way, CHESTER, Cheshire, CH1 4NP            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st November 1978            Preceded By: Not Given            Licence:            Superseded By: L13            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Non-Haz, Non-Toxic Waste            Slag            White Asbestos</p>	A19SW (NE)	615	3	333000 357400
122	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Clwyd Waste Disposal Ltd            Licence Reference: L13(i)            Site Location: Dark Lane Landfill, Astbury'S Quarry, Rossett, Wrexham, Clwyd            Licence Easting: 333005            Licence Northing: 357395            Operator Location: Knutsford Way, Sealand Industrial Estate, Chester, Cheshire            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st July 1988            Preceded By: L13            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Asbestos - Blue/White            Contaminated Rubbish            Empty Used Containers            House. + Com. Untreated Waste            Interceptor Pit Wastes            Max.Waste Permitted By Licence(Stated)            Non-Toxic Ind.Effluent Treat'T Sludge            Sewage Sludge/Pail Closet Contents            Silt And Dredgings            Slag            Prohibited Waste: Distillation Residues            Fats, Waxes And Greases            Notifiable Wastes            Titanium From Ceramic Waste</p>	A19SW (NE)	616	3	333005 357395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Caird Environmental (North West) Ltd            Licence Reference: L49 (L48)            Site Location: Dark Lane, Burton, Rossett, Wrexham, Clwyd            Licence Easting: 333100            Licence Northing: 357295            Operator Location: As Site Address            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st November 1988            Preceded By: Not Given            Licence:            Superseded By: L56/A            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Asbestos - Blue/White            Contaminated Rubbish            Empty Used Containers            House. + Com. Untreated Waste            Interceptor Pit Wastes            Max.Waste Permitted By Licence(Stated)            Non-Toxic Ind.Effluent Treat'T Sludge            Paper Pulp Wastes Trans.From L39 =60fl            Sewage Sludge/Pail Closet Contents            Silt And Dredgings            Slag            Prohibited Waste: Distillation Residues            Fats, Waxes And Greases            Notifiable Wastes            Titanium From Ceramic Waste</p>	A19SE (NE)	636	3	333100 357295
123	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Caird Environmental (North West)            Licence Reference: L56/A            Site Location: Dark Lane, Burton, Rossett, Wrexham, Clwyd            Licence Easting: 333100            Licence Northing: 357300            Operator Location: As Site Address            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st October 1990            Preceded By: L49 (L48)            Licence:            Superseded By: L84            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Aerosol Waste            Asbestos - Blue/White            Contaminated Rubbish            Empty Used Containers            House. + Com. Untreated Waste            Interceptor Pit Wastes            Max.Waste Permitted By Licence(Stated)            Non-Toxic Ind.Effluent Treat'T Sludge            Paper Pulp Wastes Trans.From L39            Sewage Sludge/Pail Closet Contents            Silt And Dredgings            Slag            Prohibited Waste: Distillation Residues            Fats, Waxes And Greases            Notifiable Wastes            Titanium From Ceramic Waste</p>	A19SE (NE)	638	3	333100 357300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Astbury Quarries Ltd            Licence Reference: L39            Site Location: Dark Lane (Ext), Burton, Rossett, Wrexham, Clwyd            Licence Easting: 333100            Licence Northing: 357300            Operator Location: As Site Address            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Undefined            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st July 1983            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the road within the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Builders Rubble            China Clay            Paper Material</p>	A19SE (NE)	638	3	333100 357300
124	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Caird Environmental Ltd            Licence Reference: NOW-421-L (173/92)            Site Location: Bryn Y Gaer Quarry, Hope, Wrexham, Clwyd            Licence Easting: 331550            Licence Northing: 357550            Operator Location: Dark Lane Landfill, Burton, Rossett, Clwyd            Authority: Environment Agency Wales, North Area            Site Category: Landfill            Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Site dormant            Dated: 29th January 1993            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Brickwork, Concrete            Fired Enamel, Fired Ceramics, Mica,            Glass, Pottery, Fired China,            Max.Waste Permitted By Licence            Rubble, Hardcore            Stone, Clay, Sand, Silica, Carbon,            Topsoil, Subsoil            Prohibited Waste: Spec.Waste (Epa'90:S62/1996 Regs)            Waste In Skips            Waste N.O.S (Whether/Not Pre-Trt/Pack'</p>	A17NW (NW)	871	3	331550 357550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: W H Chaloner &amp; Sons Ltd            Licence Reference: NOW-520-L (L86)            Site Location: Miners Road, Llay Industrial Estate, Wrexham, Clwyd            Operator Location: As Site Address            Authority: Environment Agency Wales, North Area            Site Category: Scrapyard            Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Operational as far as is knownOperational            Dated: 20th July 1995            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste            Batteries Max.Stor            Elect'L Equip.(Not Transformer) Mstor            Engines Max.Stor            Ferrous Metal Other Max.Stor            Ferrous Metal Swarf Max.Stor            Machinery Max.Stor            Non-Ferrous Metal Other Max.Stor            Non-Ferrous Metal Swarf Max.Stor            Vehicles Max.Stor</p> <p>Prohibited Waste            Ammonia            Asbestos            Cadmium Compounds            Carcinogenic/Mutagenic/Teratogenic Was            Cyanide Compounds            Elemental Sodium/Potassium            Fluorine Cpds            Liquid Waste N.O.S.            Mercury Compounds            Metal In Fine Powder Form            Nitrate Cpds            Organohalogen Compounds            Organometallic Cmpds            Organophosphorus Cmpds            Organosilicon Cmpds            Organosulphur Cmpds            Pcbs/Pcts/Naphthalenes            Percussive/Explosive/Similar Waste            Pressurised/Liquified Gas            Spec.Waste (Epa'90:S62/1996 Regs)N.O.S            Sub'S Control. Radioactive Subs Act'60            Subs Deleterious To Groundwater            Sulphide Compounds            Waste In Drums            Waste N.O.S.            Water Soluble Waste (Except Coolant)</p>	A8NE (S)	289	3	332415 356355



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Warwickshire Group	A13NW (SW)	0	1	332355 356862
126	<b>BGS Recorded Mineral Sites</b> Site Name: Llay Main Colliery, No. 2 Shaft Location: Llay, Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 189414 Type: Underground Status: <b>Ceased</b> Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	406	1	332710 356479
127	<b>BGS Recorded Mineral Sites</b> Site Name: Lower Rackery Location: Hope, Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 138036 Type: Opencast Status: <b>Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Sheet Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	452	1	332636 357482
128	<b>BGS Recorded Mineral Sites</b> Site Name: Llay Main Colliery, No. 1 Shaft Location: Llay, Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 14066 Type: Underground Status: <b>Ceased</b> Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	480	1	332790 356479
129	<b>BGS Recorded Mineral Sites</b> Site Name: Llay Main Colliery Tip Location: Llay, Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 14051 Type: Tip Status: <b>Active</b> Operator: Hanson Cement Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mine Waste Tip (Colliery) Commodity: Colliery Spoil Positional Accuracy: Located by supplier to within 10m	A8SE (S)	504	1	332480 356150
130	<b>BGS Recorded Mineral Sites</b> Site Name: Llay Main Colliery Methane Plant Location: Llay, Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 14052 Type: Liquid or Gas Extraction Status: <b>Active</b> Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Abandoned Mine Methane Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	536	1	331980 356210



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bank Farm            Location: Burton Rossett, Wrexham, Denbighshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 4747            Type: Opencast  <b>Status: Ceased</b>            Operator: Redland Aggregates/Caird Environmental            Operator Location: Not Supplied            Periodic Type: Quaternary            Geology: Glaciofluvial Sheet Deposits, Devensian (Wrexham Gravels)            Commodity: Sand and Gravel            Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	615	1	333130 357190
132	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bryn-Y-Gaer            Location: Hope, Wrexham, Flintshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 138038            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Cefn-Y-Fedw Sandstone Formation            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	771	1	331654 357509
133	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Yr Ackery Sand Pit            Location: Caergwrle, Wrexham, Clwyd            Source: British Geological Survey, National Geoscience Information Service            Reference: 138043            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Quaternary            Geology: Glaciofluvial Sheet Deposits, Devensian            Commodity: Sand            Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	807	1	333338 357176
134	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Rhydyn Hall            Location: Llay, Cefn-Y-Bedd, Wrexham, Clwyd            Source: British Geological Survey, National Geoscience Information Service            Reference: 138109            Type: Underground  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Pennine Middle Coal Measures Formation            Commodity: Coal - Deep            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	823	1	331403 356565
135	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bryn-Y-Gaer            Location: Hope, Wrexham, Flintshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 138037            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Cefn-Y-Fedw Sandstone Formation            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	836	1	331532 357481
136	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bryn-Y-Gaer Quarry            Location: Wrexham, Clwyd            Source: British Geological Survey, National Geoscience Information Service            Reference: 15655            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Cefn-Y-Fedw Sandstone Formation            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	910	1	331537 357591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Coal Mining Affected Areas</b> Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (SW)	0	8	332355 356862
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (SW)	0	-	332355 356862
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	114	1	332178 357087
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	332375 356923
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	332375 356923
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (SW)	247	1	332157 356434
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	332375 356923
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<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 (S)	0	1	332355 356851
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	332355 356862
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	332355 356851
	<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	A13NW (SW)	0	1	332355 356862

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C D R Ltd            Location: Davy Way, Llay Indust Est, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Wood Products, Except Furniture - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13SE (S)	22	-	332364 356648
138	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sharp Manufacturing            Location: Sharp House, Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Electrical Goods Sales, Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (E)	59	-	332468 356833
139	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sharp            Location: Sharp House Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Precision Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (S)	71	-	332411 356721
140	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Scotair H V A C            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Air Conditioning &amp; Refrigeration Contractors  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (SW)	101	-	332216 356590
140	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Magellan            Location: Davy Way, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PG            Classification: Sheet Metal Work  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (SW)	101	-	332216 356590
140	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D H D Engineering Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Mechanical Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	102	-	332216 356590
140	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Scottaire            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Air Conditioning Equipment &amp; Systems  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	102	-	332216 356590
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Celtic Leather Crafts            Location: Unit 18, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Leather Garments &amp; Products  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	139	-	332264 356498
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hillcrest Furnishings            Location: Unit 18, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Furniture Manufacturers - Home &amp; Office  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	139	-	332264 356498
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M &amp; P Enterprises Group            Location: Unit 22, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Car Paint &amp; Lacquer Manufacturers &amp; Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	147	-	332238 356503
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wilson Auto Repairs            Location: Llay, LL12 0PJ            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	148	-	332236 356503

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Alphawrap            Location: Unit 13, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Printers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	178	-	332263 356457
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Techlab Services            Location: Unit 15, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Laboratory Equipment, Instruments &amp; Supplies  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	185	-	332244 356456
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Arco Scientific (Uk) Ltd            Location: Unit 15, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Laboratory Equipment, Instruments &amp; Supplies  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	185	-	332244 356456
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Arco Scientific (Uk) Ltd            Location: Unit 15, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Scientific Apparatus &amp; Instruments - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	185	-	332244 356456
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Arco Scientific            Location: Unit 15, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Scientific Apparatus &amp; Instruments - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	185	-	332244 356456
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Abba 2000            Location: Unit 15, Miners Rd, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Catering Equipment - Servicing &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	186	-	332244 356456
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Marlin Industries            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Wood Products, Except Furniture - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	140	-	332138 356625
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Elsteel Uk Ltd            Location: Davy Way, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PG            Classification: Electronic Component Manufacturers &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	167	-	332110 356617
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Revalco Uk            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, LL12 0PG            Classification: Electricity Generating &amp; Distributing Equipment  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	167	-	332103 356626
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: O &amp; S Electronic Services Ltd            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Electronic Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	181	-	332100 356607
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A G M Plastics Ltd            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Plastics - Machinery &amp; Equipment Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	160	-	332162 356564
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Unit            Location: Unit 5, 6, Davy Way, Llay Industrial Estate, Llay, Wrexham, LL12 0PG            Classification: Car Customisation &amp; Conversion Specialists  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	164	-	332160 356560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A M P Engineering Solutions Ltd            Location: Unit B, Davy Way, Llay, LL12 0PG            Classification: Engineers - General  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	182	-	332132 356566
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Centaur Products Ltd            Location: Unit B, Davy Way, Llay, LL12 0PG            Classification: Cleaning Materials &amp; Equipment  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	182	-	332132 356566
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cherrysource            Location: Unit 2, 6, Davy Way, Llay Industrial Estate, Llay, Wrexham, LL12 0PG            Classification: Rubber &amp; Plastic Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	189	-	332141 356543
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fry Fresh Ltd            Location: 6 Davy Way, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Oil Recycling &amp; Disposal Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	195	-	332137 356539
144	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wrexham Plastics Co Ltd            Location: Trevor House, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Plastic Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	191	-	332420 356467
144	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sita Uk Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Waste Disposal Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	193	-	332397 356452
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Abba Catering Engineers            Location: 15-20 Miners Rd, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Catering Equipment  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NW (S)	204	-	332301 356424
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Contra-Pak            Location: Miners Rd, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Packaging &amp; Wrapping Equipment &amp; Supplies  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (S)	210	-	332362 356422
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Edge Transport Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	230	-	332327 356397
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mectec            Location: 18 Miners Park, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Engineers - General  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	245	-	332364 356387
146	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hayakawa            Location: Unit 5, Davy Way, Llay, LL12 0PG            Classification: Cable &amp; Wire Equipment Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	211	-	332158 356487
146	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clwyd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Fuel Injection Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	243	-	332143 356457



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Charcroft Electronics            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Electronic Component Manufacturers &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	226	-	332461 356453
147	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fast Rite Industrial Services            Location: Unit 5, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Blast Cleaning Equipment Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A8NE (S)	256	-	332487 356436
147	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P R Pugh            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	298	-	332518 356407
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R R C Crane Hire Ltd            Location: Unit 31, Miners Road, Llay, LL12 0PJ            Classification: Crane Hire, Sales &amp; Service  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	236	-	332275 356395
149	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: N P C Commercials Ltd            Location: Unit 32, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Commercial Vehicle Servicing, Repairs, Parts &amp; Accessories  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	250	-	332220 356396
150	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: W H Chaloner &amp; Son Ltd            Location: Miners Road, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PJ            Classification: Scrap Metal Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	271	-	332430 356381
150	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: E Thomas            Location: Miners Rd, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	271	-	332430 356381
150	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Beltek            Location: Miners Rd, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Conveyors &amp; Conveyor Belts  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (S)	271	-	332430 356381
151	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Willow Fresh Foods            Location: Davy Way, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PG            Classification: Frozen Food Processors &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	317	-	332204 356330
152	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ecovyn            Location: Unit 1 Prospect Estate, Miners Road, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Plastic Products - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (SE)	325	-	332566 356416
153	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R A &amp; C E Platt Ltd            Location: Miners Road, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PJ            Classification: Wood Recycling  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	337	-	332084 356384
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Plusfood            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Frozen Food Processors &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	338	-	332638 356489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fribo Foods Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Frozen Food Processors &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	338	-	332638 356489
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Plus Food Wrexham Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Frozen Food Processors &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	338	-	332638 356489
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tyson Wreham Foods Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Frozen Food Processors &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	346	-	332647 356488
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tycon Automation Ltd            Location: Unit I Llay Industrial Units, Llay Industrial Estate, Rackery Lane, Wrexham, LL12 0PB            Classification: Electrical Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	357	-	332752 356657
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: I &amp; S Cars            Location: Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A14SW (SE)	380	-	332766 356639
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: I &amp; S Cars            Location: Unit B Schappe Building, Llay Industrial Estate, Rackery Lane, Llay, Wrexham, LL12 0PB            Classification: Car Dealers - Used  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	380	-	332766 356639
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G T Auto Repairs            Location: Llay Industrial Estate, Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	367	-	332707 356613
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Alunox Advanced Tube Engineering Ltd            Location: Unit C Schappe Building, Llay Industrial Estate, Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Exhaust System Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	367	-	332707 356613
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A C M E Precision Engineering Ltd            Location: Llay Industrial Estate, Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Precision Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	367	-	332707 356613
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Alunox Welding Systems Ltd            Location: Llay Industrial Estate, Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Exhaust System Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	367	-	332707 356613
157	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Tyre Factory            Location: New Office, Miners Rd, Llay Indust Est, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Tyre Dealers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (SE)	373	-	332632 356416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cyroblast Deflashing Uk Ltd            Location: U2, B C Estate, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Mould Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	377	-	332578 356356
159	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premier Profiling North Wales Ltd            Location: Unit 9, Miners Park, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PQ            Classification: Sheet Metal Work  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	400	-	332091 356297
159	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Drive Products            Location: Unit 9, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Precision Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	400	-	332091 356297
159	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M A F Engineering Uk Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Mechanical Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	421	-	332079 356279
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Bed Factory            Location: Unit 6, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Bed &amp; Mattress Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	400	-	332638 356382
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Skytech Precision Engineering Ltd            Location: Unit 4, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Precision Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	407	-	332647 356381
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Gas Bottle Ltd            Location: Unit 4, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Gas Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	408	-	332648 356382
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M G S Technical Services Ltd            Location: Unit 3, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Engineers - General  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	415	-	332657 356381
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cadence Engineering Ltd            Location: Unit 3, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Enamelling  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	423	-	332669 356382
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P P Autos            Location: Unit 2, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	423	-	332669 356382
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Prime Engineering Services Ltd            Location: Unit 1, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Sheet Metal Work  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	431	-	332679 356382
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: I P G Transport            Location: Unit 2, Miners Rd, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NE (SE)	431	-	332679 356382



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D M H Tyres Ltd            Location: Unit 1, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	436	-	332684 356381
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Commercial &amp; Industrial Handling Ltd            Location: Unit 1, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Conveyors &amp; Conveyor Belts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	436	-	332684 356381
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: O T S            Location: Unit 1 Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Catering Equipment - Servicing &amp; Repairs  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NE (SE)	437	-	332684 356379
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Moretube Engineering Ltd            Location: 1a Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Machine Shops  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A8NE (SE)	438	-	332685 356379
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Jmk            Location: Unit 1, Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Clothing Accessory Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	439	-	332689 356382
161	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Breedon Roadway Civil Engineering &amp; Surfacing            Location: 9 Miners Park, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Sand, Gravel &amp; Other Aggregates  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	426	-	332135 356241
161	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J C Sherlock            Location: 1-2, Miners Park, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PQ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	467	-	332102 356212
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Multi Factor Europe Ltd            Location: Rackery La, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Filter Manufacturers &amp; Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A14SW (SE)	438	-	332850 356630
163	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Arvin Meritor Hvs Ltd            Location: Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Axle Supplies &amp; Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	447	-	332794 356578
164	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Multi-Filter Ltd            Location: Harrison House, Llay Industrial Estate, Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Filter Manufacturers &amp; Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	471	-	332920 356653
165	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Manton Hire &amp; Sales Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Fork Lift Trucks  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	479	-	332735 356377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Manton Hire &amp; Sales Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Fork Lift Trucks            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	479	-	332735 356377
165	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B M Autocare            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Garage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	507	-	332766 356372
166	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Re &amp; Sons Sollifeul Merchants            Location: Unit 1a, The Warren Workshops, Miners Park, Llay Industrial Estate, Llay, Wrexham, LL12 0PD            Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	494	-	332120 356173
166	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Griffiths Motors            Location: Unit 5, The Warren Workshops, Miners Park, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PD            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	514	-	332114 356155
166	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S &amp; D Cleaning Services            Location: Unit 6, The Warren Workshops, Miners Park, Llay Industrial Estate, Llay, Wrexham, LL12 0PD            Classification: Cleaning Services - Commercial            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	520	-	332108 356150
167	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Car Chemist            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Car Body Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	496	-	332103 356179
167	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hydex            Location: Unit 18, Miners Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PJ            Classification: Hydraulic Engineers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	506	-	332049 356198
167	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Merlins Resprays            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Commercial Vehicle Bodybuilders &amp; Repairers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	519	-	332055 356179
168	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: 2 Agriculture            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Pet Foods &amp; Animal Feeds            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	542	-	332851 356465
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Easy-Trim - Ecovyn            Location: Unit 1 Prospect Estate, Llay Industrial Estate North, Llay, Wrexham, Clwyd, LL12 0PB            Classification: PVC-U Products - Manufacturers &amp; Suppliers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	545	-	332948 356575
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: N L H Logistics            Location: 2, RACKERY LANE, LLAY, WREXHAM, LL12 0PB            Classification: Road Haulage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	554	-	332956 356571

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Huws Gray Llay            Location: Llay Road, Llay, Wrexham, Clwyd, LL12 0TL            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SE (SE)	594	-	332659 356142
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Castle Tyres Ltd            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Tyre Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	596	-	332860 356355
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Castle Retreads            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Tyre Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	596	-	332860 356355
172	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C C P Building Products Ltd            Location: Llay rd, Llay, Wrexham, Clwyd, LL12 0TL            Classification: Concrete Products  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A8SE (S)	628	-	332522 356034
172	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Shire Garden Machinery            Location: Unit 1, Carlton Garden Centre, Pinfold Lane, Llay, Wrexham, Clwyd, LL12 0TL            Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A8SE (S)	628	-	332522 356034
173	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premire Mortars Ltd            Location: Westbank Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PZ            Classification: Builders' Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	631	-	332743 356163
173	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premier Mortars            Location: Concrete Batching Plant, West Bank Road, Llay, LL12 0PZ            Classification: Concrete &amp; Mortar Ready Mixed  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	631	-	332743 356163
174	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Independent Twine Manufacturing Co Ltd            Location: Westbank Road, Llay Industrial Estate, Llay, WREXHAM, Clwyd, LL12 0PZ            Classification: Ropes &amp; Hawsers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	688	-	332891 356237
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: John Roberts Motor Services            Location: UNIT 6-8, WESTBANK ROAD, LLAY INDUSTRIAL ESTATE, LLAY, LLAY INDUSTRIAL ESTATE, WREXHAM, LL12 0PZ            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	704	-	332771 356090
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A &amp; S            Location: Unit 2, Westbank Road, Llay Industrial Estate, Llay, Wrexham, LL12 0PZ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	724	-	332811 356099
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: I T M Company Ltd            Location: Westbank Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PZ            Classification: Ropes &amp; Hawsers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A9SW (SE)	728	-	332823 356104

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: N G Jones Commercial Resprays            Location: UNIT 3, PINFOLD LANE, LLAY INDUSTRIAL ESTATE, LLAY, LLAY INDUSTRIAL ESTATE, WREXHAM, LL12 0PX            Classification: Car Painters &amp; Sprayers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	724	-	332967 356286
177	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Marshalls            Location: Llay Road, Llay, Wrexham, Clwyd, LL12 0TL            Classification: Concrete Products            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	731	-	332710 356011
178	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tyco Plastics Ltd            Location: Aerial Rd,Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0TU            Classification: Polythene &amp; Plastic Sheeting Supplies            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A9SW (SE)	732	-	332874 356148
179	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Magellan Metal Treatments            Location: Miners Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PJ            Classification: Metal Finishing Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	732	-	333029 356396
180	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Star County Textile Services Ltd            Location: Aerial Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0TU            Classification: Dry Cleaners            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	773	-	332949 356173
180	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Abberleigh Pool Care            Location: Pinfold La,Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Swimming Pool Contractors, Repairers &amp; Service            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A9SW (SE)	796	-	332971 356163
181	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cherrysource Ltd            Location: Unit 7, Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, LL12 0PX            Classification: Rubber &amp; Plastic Products - Manufacturers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	782	-	333004 356235
182	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Active 8 Ltd            Location: Aerial Rd,Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0TU            Classification: Filtration Systems &amp; Services            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A9SW (SE)	782	-	332909 356112
182	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Second Circle Furniture Recycling Centre Ltd            Location: Aerial Road, Llay Industrial Estate, Llay, Wrexham, LL12 0TU            Classification: Recycling Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	789	-	332928 356123
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Magellan Aerospace            Location: Rackery Lane, Llay, Wrexham, Clwyd, LL12 0PB            Classification: Precision Engineers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	790	-	333114 356394
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A G M Plastics Ltd            Location: Unit 8, Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Machine Shops            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	791	-	333026 356254

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mac Cartridges            Location: Unit 11, Pinfold La, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Plastics - Injection Moulding            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NE (SE)	796	-	333039 356266
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uk Engineering            Location: Unit 10-12, Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, LL12 0PX            Classification: Machine Shops            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	805	-	333055 356277
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clwyd Industrial Cladding (Wrexham) Ltd            Location: Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Cladding Suppliers &amp; Installers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	828	-	333059 356237
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mac Cartridges Ltd            Location: Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Adhesives, Glues &amp; Sealants            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	828	-	333059 356237
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Jones P &amp; Son            Location: Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	828	-	333059 356237
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Grosvenor            Location: Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Horse Boxes &amp; Transporting            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	828	-	333059 356237
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Engineering Power Services            Location: Unit 7, Pinfold La, Llay Ind Est, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Engineering Services            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9SW (SE)	825	-	332970 356116
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Active8 Ltd            Location: Unit 1, Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Engineers - General            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	835	-	333005 356143
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Torzo Ltd            Location: Unit 1, Pinfold Lane, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0PX            Classification: Sports Equipment Manufacturers &amp; Distributors            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	835	-	333005 356143
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Appletree Motors            Location: Unit 9, Aerial Road, Llay Industrial Estate, Llay, Wrexham, LL12 0TU            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	836	-	333003 356138
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wrexham Motortech            Location: Unit 9, Aerial Road, Llay Industrial Estate, Llay, Wrexham, LL12 0TU            Classification: Mot Testing Centres            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	836	-	333003 356138
186	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Minuteman Press            Location: Unit 6, Aerial Road, Llay Industrial Estate, Llay, Wrexham, Clwyd, LL12 0TU            Classification: Printers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	826	-	332964 356108

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
187	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A 2 Z Pest &amp; Vermin Control Services                      Location: 28, First Avenue, Llay, WREXHAM, Clwyd, LL12 0TW                      Classification: Pest &amp; Vermin Control                      Status: <b>Active</b>                      Positional Accuracy: Automatically positioned to the address</p>	A9SE (SE)	989	-	333048 355958
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Waste Recycling Group                      Location: Dark La, Burton/Rossett, Wrexham, Clwyd, LL12 0AE                      Classification: Waste Disposal Services                      Status: <b>Inactive</b>                      Positional Accuracy: Manually positioned to the road within the address or location</p>	A15NW (E)	990	-	333530 357158



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	<b>Ancient Woodland</b> Name: Not Supplied Reference: 30006 Area(m <sup>2</sup> ): 3930.94 Type: Ancient and Semi-Natural Woodland	A12NW (W)	611	2	331538 356914
190	<b>Ancient Woodland</b> Name: Not Supplied Reference: 32279 Area(m <sup>2</sup> ): 3515.56 Type: Ancient and Semi-Natural Woodland	A12NW (W)	617	2	331532 356916
191	<b>Ancient Woodland</b> Name: Not Supplied Reference: 32281 Area(m <sup>2</sup> ): 112973.79 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	712	2	331714 357481
192	<b>Ancient Woodland</b> Name: Not Supplied Reference: 32277 Area(m <sup>2</sup> ): 2578.1 Type: Ancient and Semi-Natural Woodland	A11SE (W)	844	2	331315 356789
193	<b>Ancient Woodland</b> Name: Not Supplied Reference: 28598 Area(m <sup>2</sup> ): 39606.87 Type: Ancient and Semi-Natural Woodland	A11SE (W)	909	2	331276 356648
194	<b>Ancient Woodland</b> Name: Not Supplied Reference: 36954 Area(m <sup>2</sup> ): 2757.51 Type: Restored Ancient Woodland Site	A11NE (W)	959	2	331191 356971
195	<b>Ancient Woodland</b> Name: Not Supplied Reference: 32278 Area(m <sup>2</sup> ): 18985.81 Type: Ancient and Semi-Natural Woodland	A11SE (W)	964	2	331241 356588
196	<b>Ancient Woodland</b> Name: Not Supplied Reference: 33503 Area(m <sup>2</sup> ): 37962.8 Type: Ancient and Semi-Natural Woodland	A9SE (SE)	981	2	333159 356107
197	<b>Ancient Woodland</b> Name: Not Supplied Reference: 32276 Area(m <sup>2</sup> ): 6433.2 Type: Ancient and Semi-Natural Woodland	A11SE (W)	994	2	331238 356517
198	<b>Nitrate Vulnerable Zones</b> Name: Pulford Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (N)	0	9	332400 357000
199	<b>Nitrate Vulnerable Zones</b> Name: Not Supplied Description: Surface Water Source: Natural Resources Wales	A13NE (N)	0	2	332400 357000

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Natural Resources Wales Flintshire Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Wrexham County Borough Council - Public Protection Department	August 2008  June 2020 October 2017 October 2017 October 2017	Annually Annual Rolling Update Annually Annually
<b>Discharge Consents</b> Environment Agency - Welsh Region Natural Resources Wales	August 2014 May 2022	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North West Region Environment Agency - Welsh Region	March 2013 March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - North West Region Environment Agency - Welsh Region	January 2009 January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North West Region Natural Resources Wales Environment Agency - Welsh Region	April 2022 April 2022 January 2021	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008  July 2015	Variable Variable Not Applicable  Variable
<b>Local Authority Pollution Prevention and Controls</b> Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008  July 2015	Annual Rolling Update Annual Rolling Update Not Applicable  Annually
<b>Local Authority Pollution Prevention and Control Enforcements</b> Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008  July 2015	Variable Variable Not Applicable  Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	March 2022	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region	December 1998	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015 July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - North West Region Environment Agency - Welsh Region	January 2015 June 2016 June 2016	As notified As notified



Agency & Hydrological	Version	Update Cycle
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>Substantiated Pollution Incident Register</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	April 2022 January 2021 May 2022	Quarterly Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Welsh Region Natural Resources Wales	April 2022 May 2022	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Natural Resources Wales Environment Agency - North West Region Environment Agency - Welsh Region	May 2022 October 2017 October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Natural Resources Wales	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Superficial Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Source Protection Zones</b> Natural Resources Wales Environment Agency - Head Office	July 2017 May 2021	Annual Rolling Update Bi-Annually
<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	April 2022	Quarterly
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Natural Resources Wales	July 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North West Region Environment Agency - Welsh Region	January 2009 January 2009	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	April 2022 October 2021 October 2021	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North West Region - South Area Natural Resources Wales Environment Agency Wales - North Area	April 2022 April 2022 July 2021	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Flintshire Council - Environmental Health Department Wrexham County Borough Council	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Flintshire Council - Environmental Health Department Wrexham County Borough Council	October 2018 October 2018 October 2018 October 2018	
<b>Registered Landfill Sites</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2006 March 2006	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area	April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North West Region - South Area Environment Agency Wales - North Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	January 2022	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 January 2016 July 2008 October 2008	Variable Variable Variable Annual Rolling Update Not Applicable
<b>Planning Hazardous Substance Consents</b> Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 January 2016 July 2008 October 2008	Variable Variable Variable Annual Rolling Update Not Applicable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2022	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	March 2014	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	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	April 2022	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	March 2022	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Underground Electrical Cables</b> National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural Resources Wales	September 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Cheshire West and Chester Council - Planning Department Chester City Council (now part of Cheshire West and Chester Council) Flintshire Council Wrexham County Borough Council	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Cheshire West and Chester Council - Planning Department Chester City Council (now part of Cheshire West and Chester Council) Flintshire Council Wrexham County Borough Council	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England Natural Resources Wales	January 2021 June 2019	Bi-Annually Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017 January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Flintshire Council Wrexham County Borough Council Natural England	August 2018 August 2018 February 2021	Bi-Annually Bi-Annually Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	February 2022	Bi-Annually
<b>National Parks</b> Natural Resources Wales Natural England	February 2018 February 2018	Annually Bi-Annually
<b>Nitrate Vulnerable Zones</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales Environment Agency - Head Office	April 2016 July 2019 June 2017	Bi-Annually Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	July 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural Resources Wales	March 2020	Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales	August 2020	Bi-Annually
<b>Special Protection Areas</b> Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

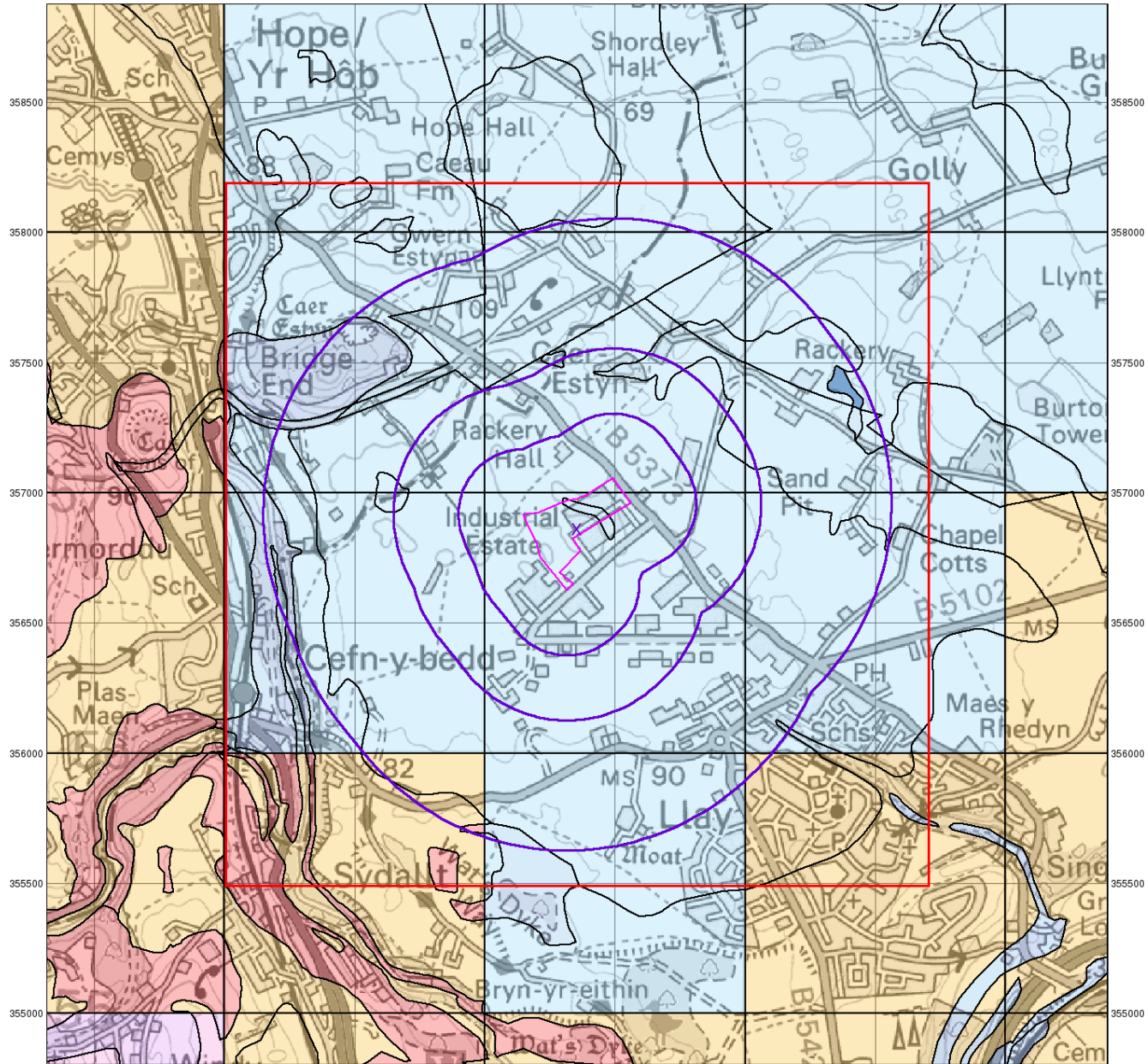
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp;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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	<b>Wrexham County Borough Council - Environmental Health Department</b> Crown Buildings, P O Box 1297, Wrexham, Clwyd, LL13 8ZE	Telephone: 01978 297038 Fax: 01978 292502 Website: www.wrexham.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>Wrexham County Borough Council</b> Lampet Street, Guildhall, Wrexham, Clwyd, LL11 1WL	Telephone: 01978 292000 Fax: 01978 292502 Website: www.wrexham.gov.uk
7	<b>Flintshire Council - Environmental Health Department</b> County Hall, Mold, Flintshire, CH7 6NF	Telephone: 01352 703413 Fax: 01352 703441 Website: www.flintshire.gov.uk
8	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
9	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	<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.



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## Groundwater Vulnerability

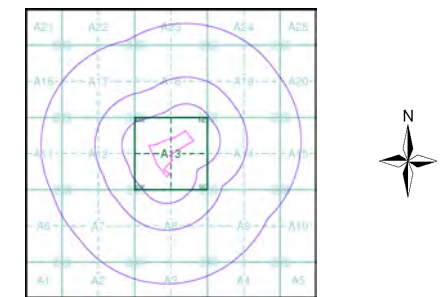
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

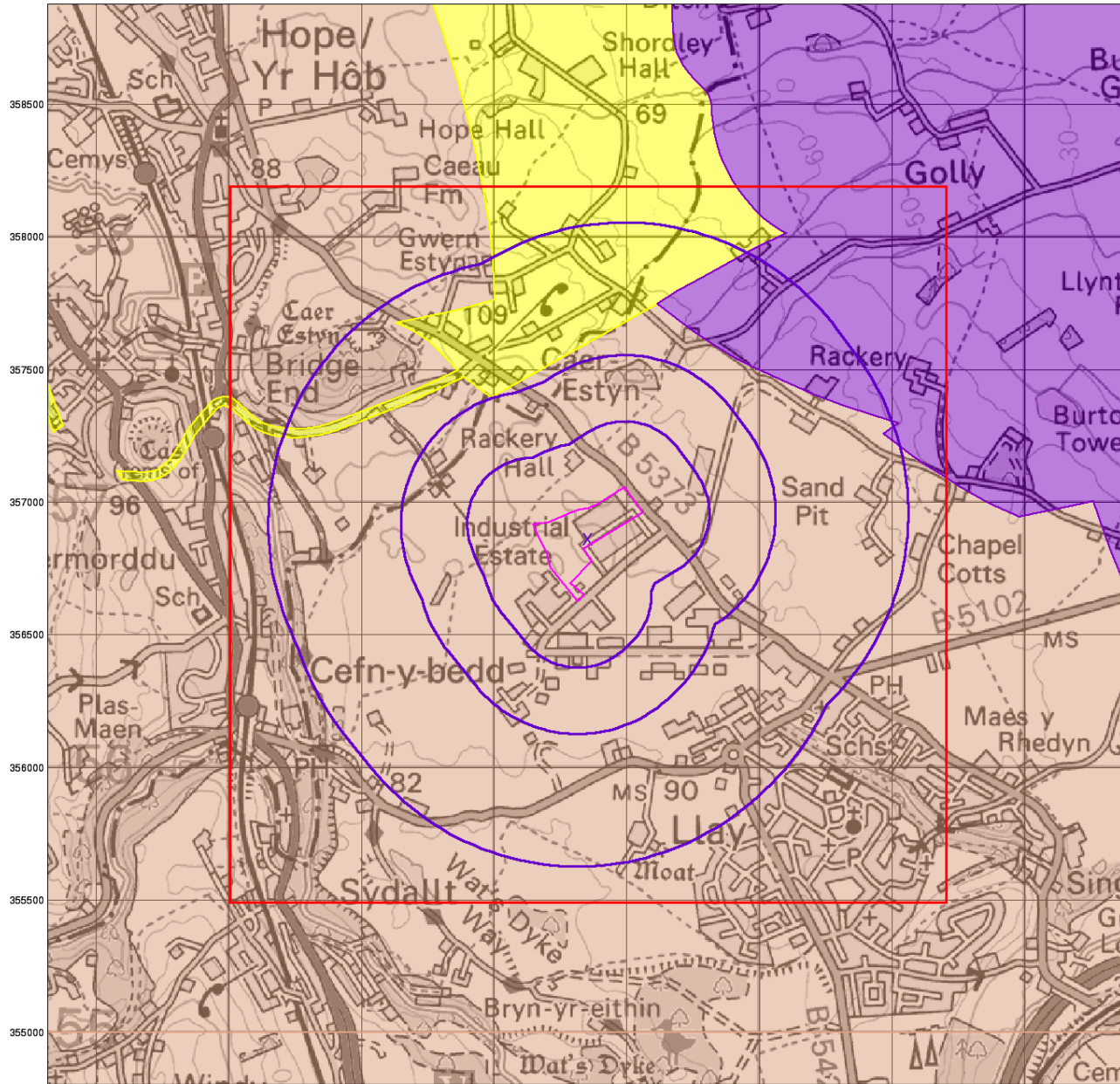
Site at 332260, 356840

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## Bedrock Aquifer Designation

### General

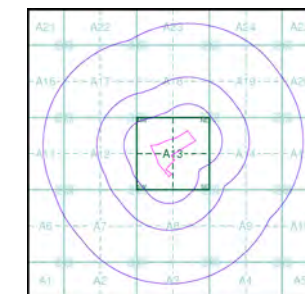
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

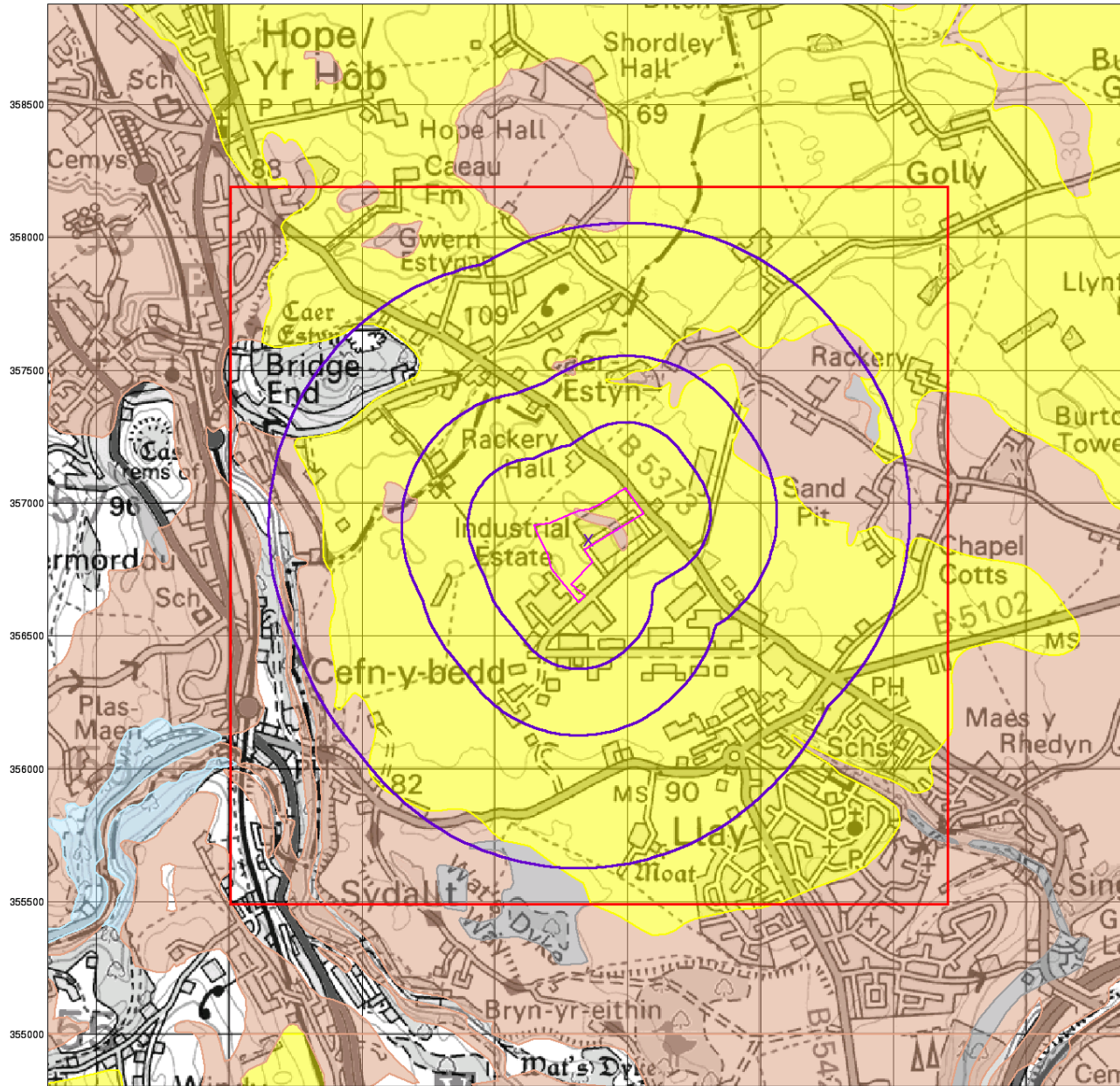
### Site Details

Site at 332260, 356840

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## Superficial Aquifer Designation

### General

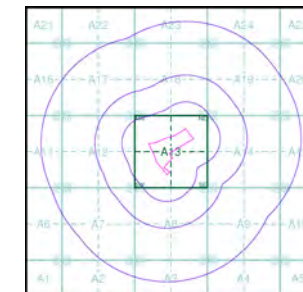
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840

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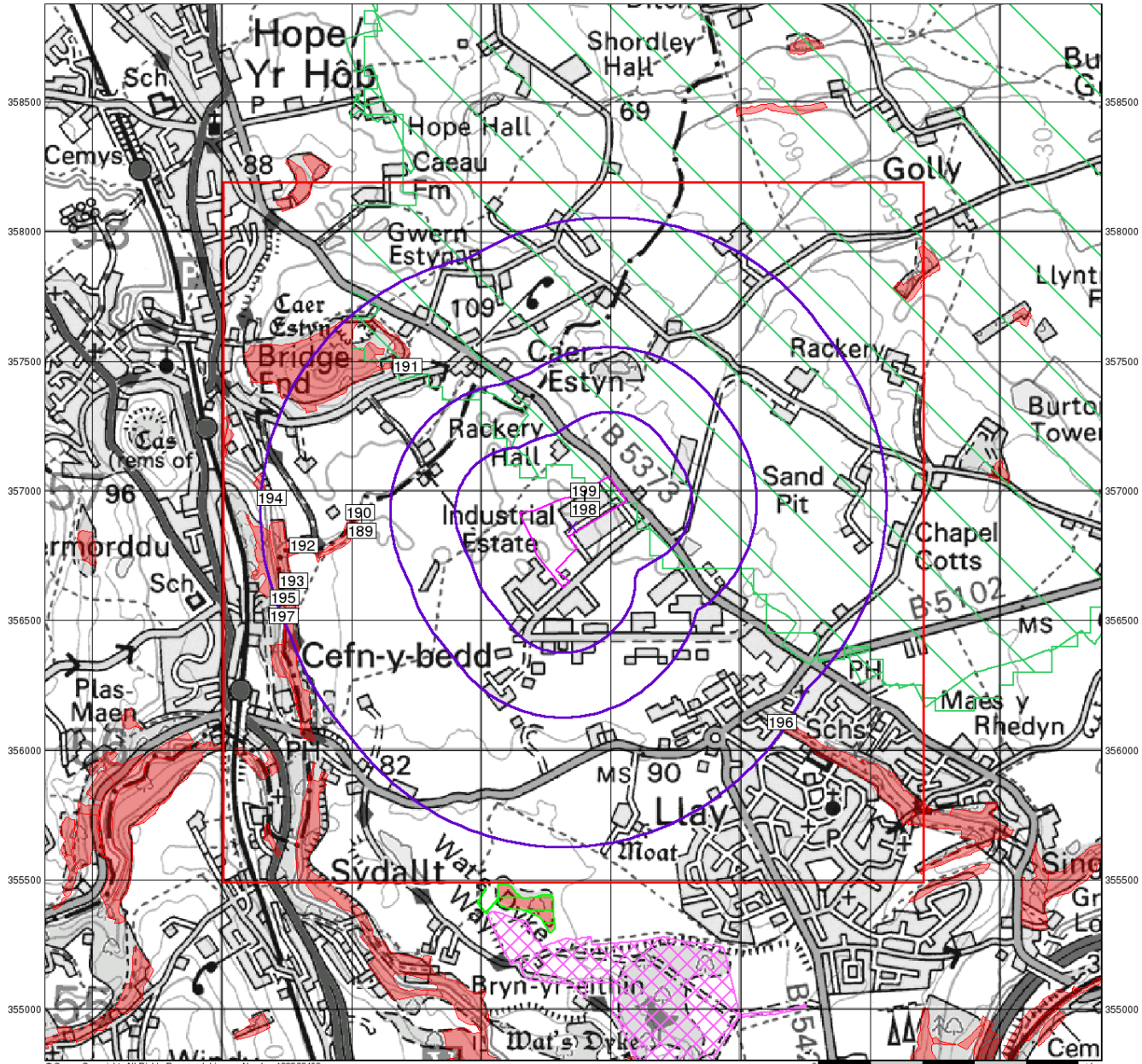
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## Sensitive Land Uses

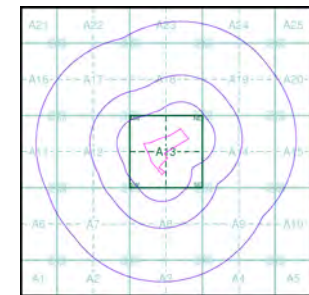
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

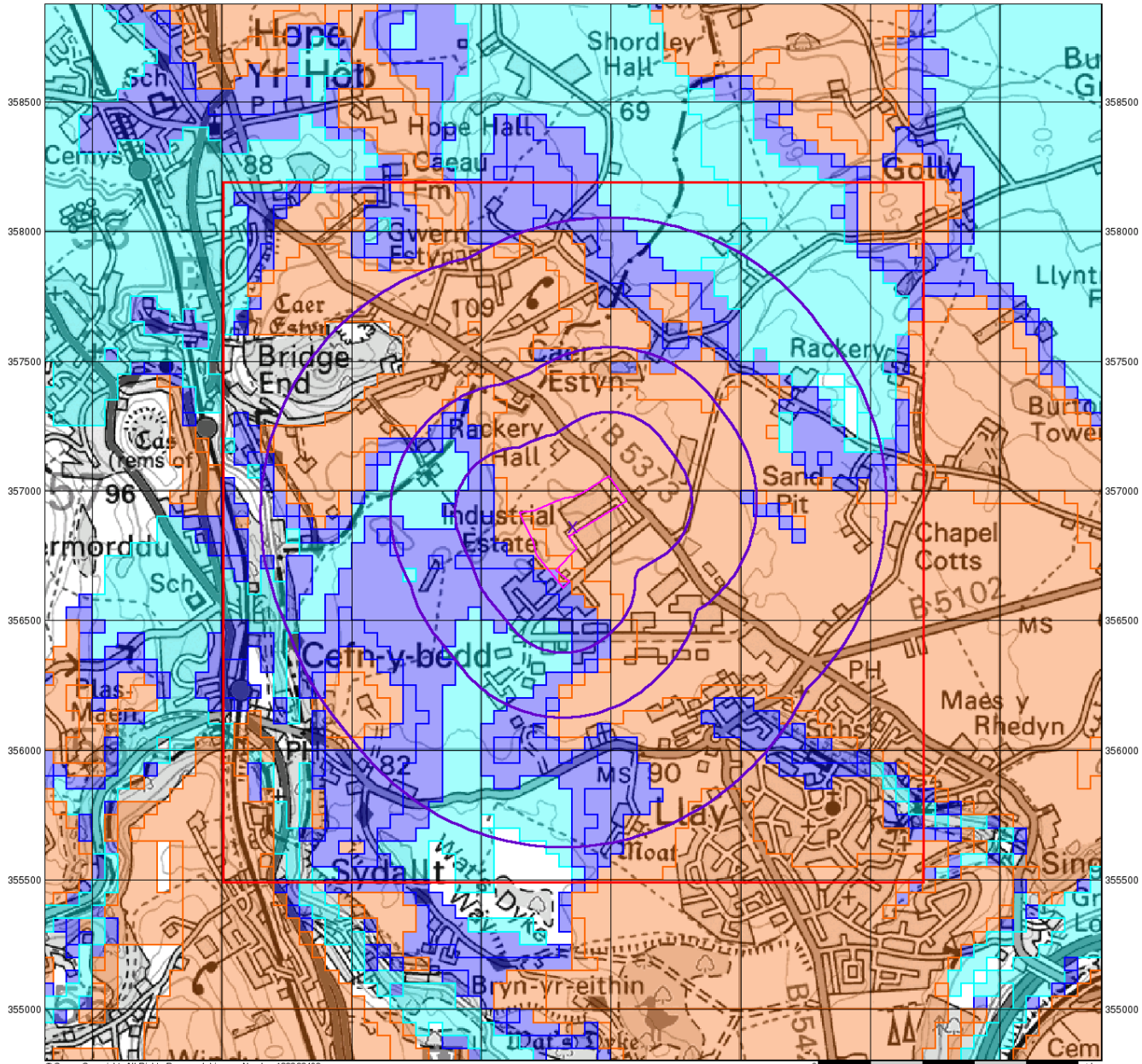
Site at 332260, 356840

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## BGS Flood GFS Data

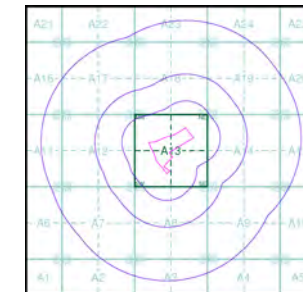
### General

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

### Agency and Hydrological (Flood)

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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840

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



### General

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

### Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- ▲ Discharge Consent
- ▲ Enforcement or Prohibition Notice
- ▲ Integrated Pollution Control
- ▲ Integrated Pollution Prevention Control
- ▲ Local Authority Integrated Pollution Prevention and Control
- ▲ Local Authority Pollution Prevention and Control Enforcement
- ▲ Pollution Incident to Controlled Waters
- ▲ Prosecution Relating to Authorised Processes
- ▲ Prosecution Relating to Controlled Waters
- ▲ Registered Radioactive Substance
- + River Quality Sampling Point
- + Substantiated Pollution Incident Register
- ◆ Water Abstraction
- ◆ Water Industry Act Referral
- ▼ BGS Recorded Mineral Site
- + River Network or Water Feature
- + River Quality Sampling Point

### Waste

- ▼ BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- ▲ Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- ▲ Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- ▲ Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- ▲ Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

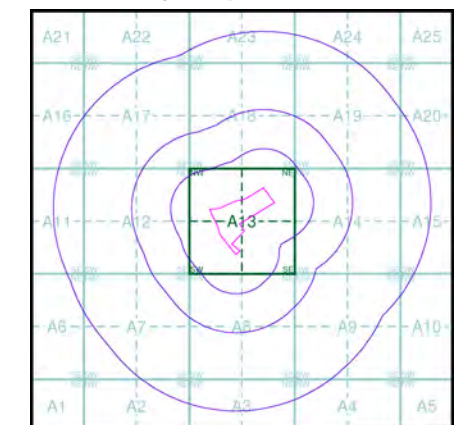
### Geological

- ▼ BGS Recorded Mineral Site

### Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry
- X COMAH Site
- X Explosive Site
- X NIHHS Site
- X Planning Hazardous Substance Consent
- X Planning Hazardous Substance Enforcement

### Site Sensitivity Map - Slice A

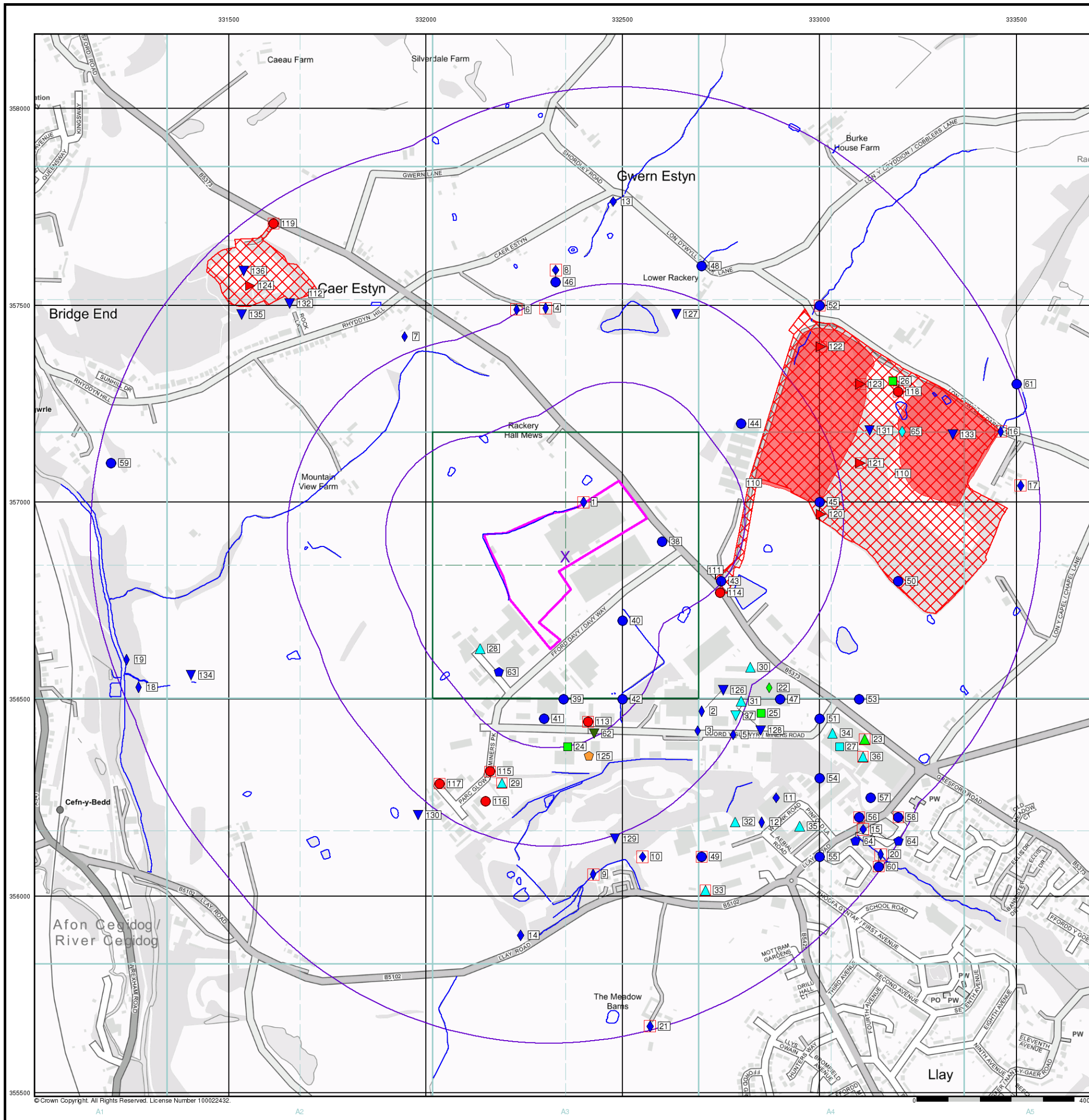


### Order Details

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 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840








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



## Industrial Land Use Map

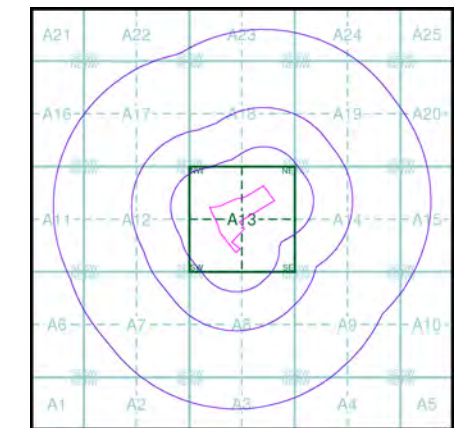
### General

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

### Industrial Land Use

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

## Industrial Land Use Map - Slice A

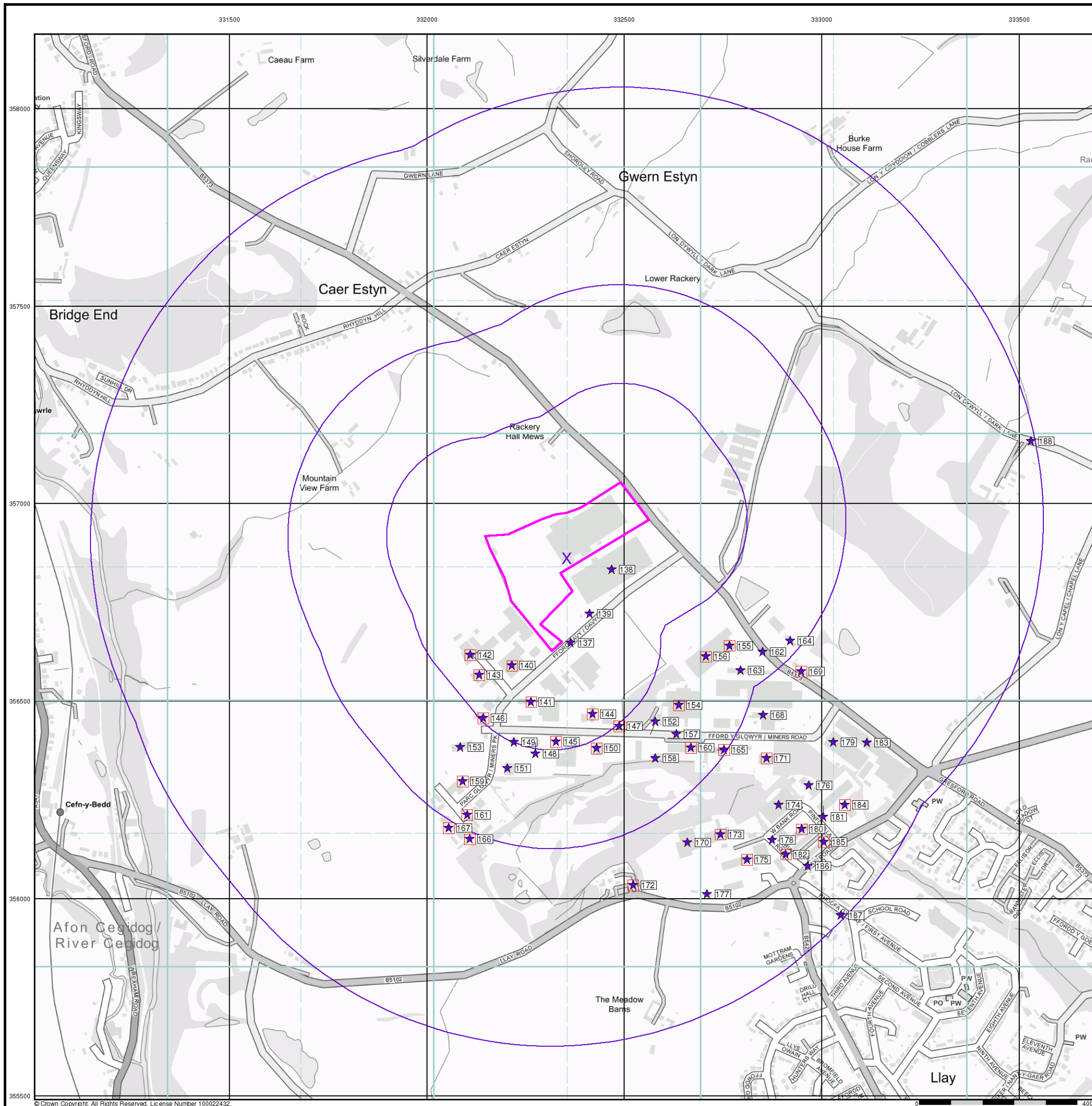


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
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 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000



### Site Details

Site at 332260, 356840










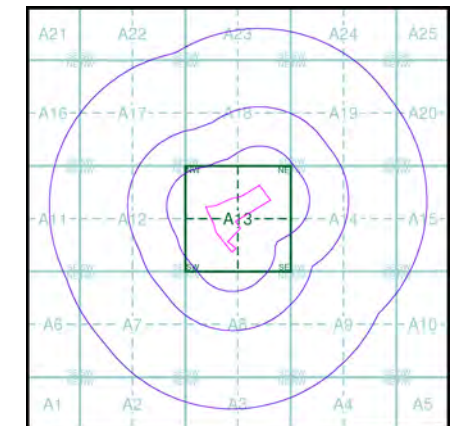
### General

-  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

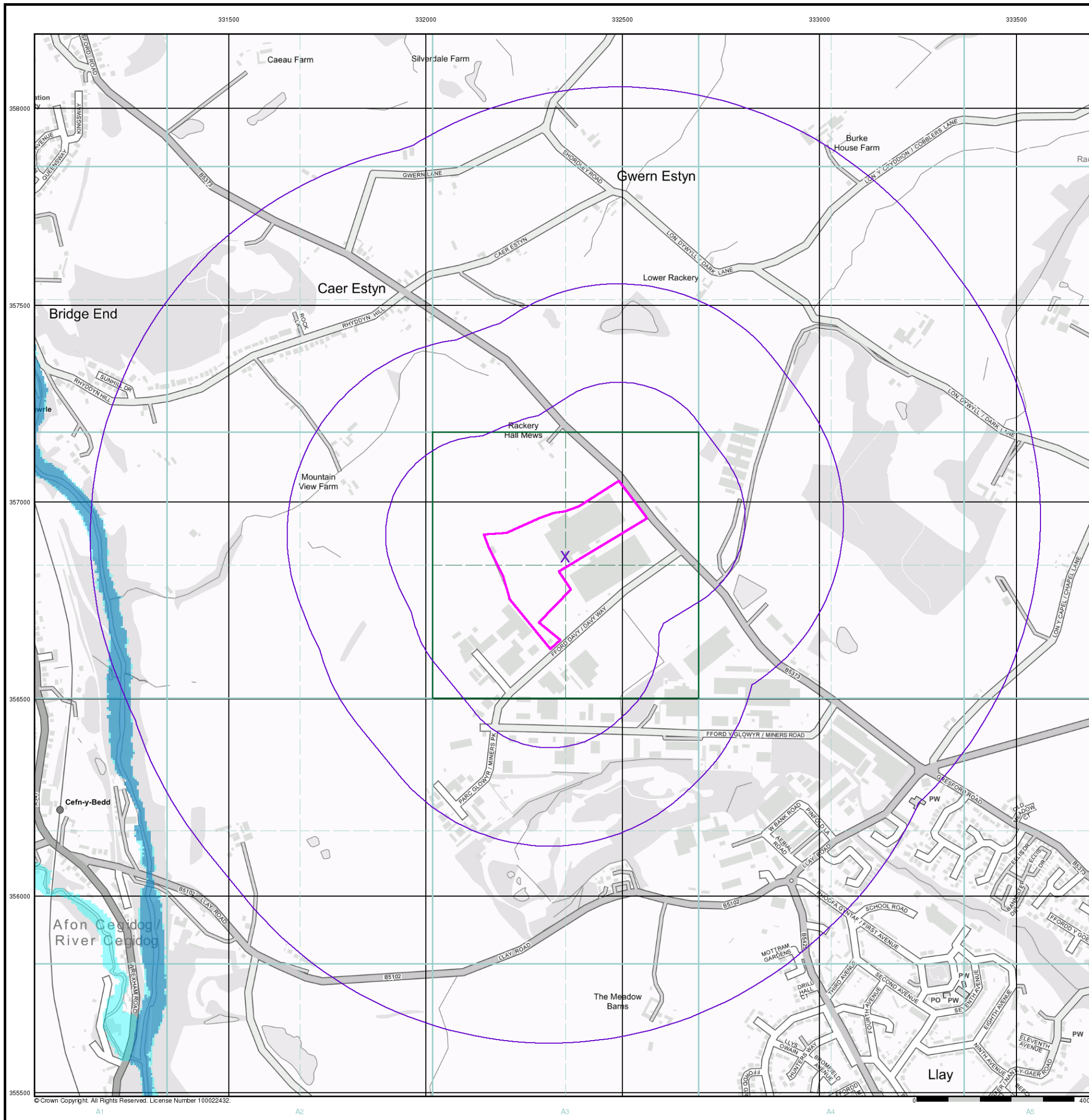


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840



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### General

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

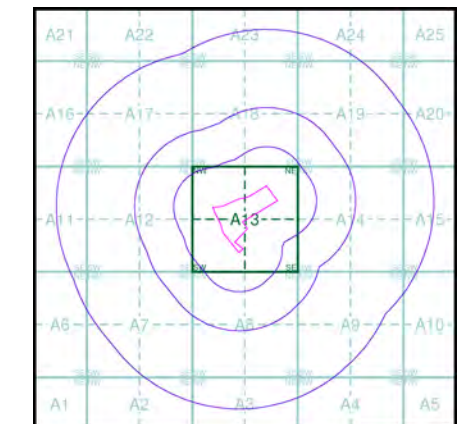
### Agency and Hydrological (Boreholes)

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

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

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

### Borehole Map - Slice A

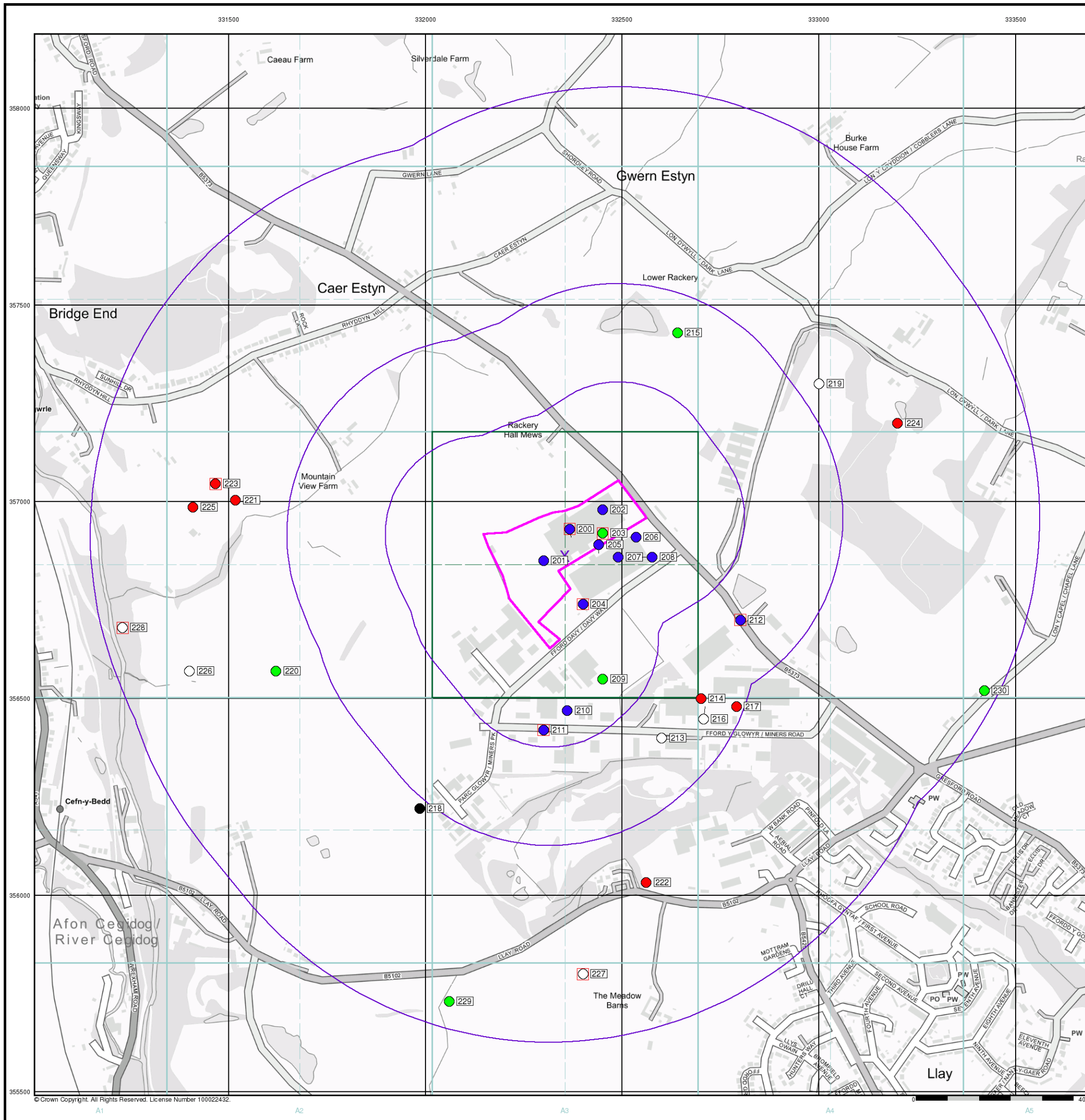


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details




Site at 332260, 356840



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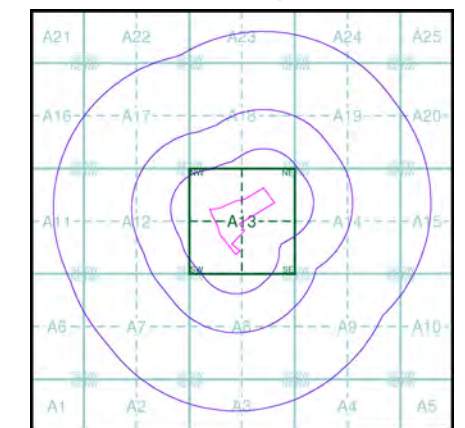
### General

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

### OS Water Network Data

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

### OS Water Network Map - Slice A

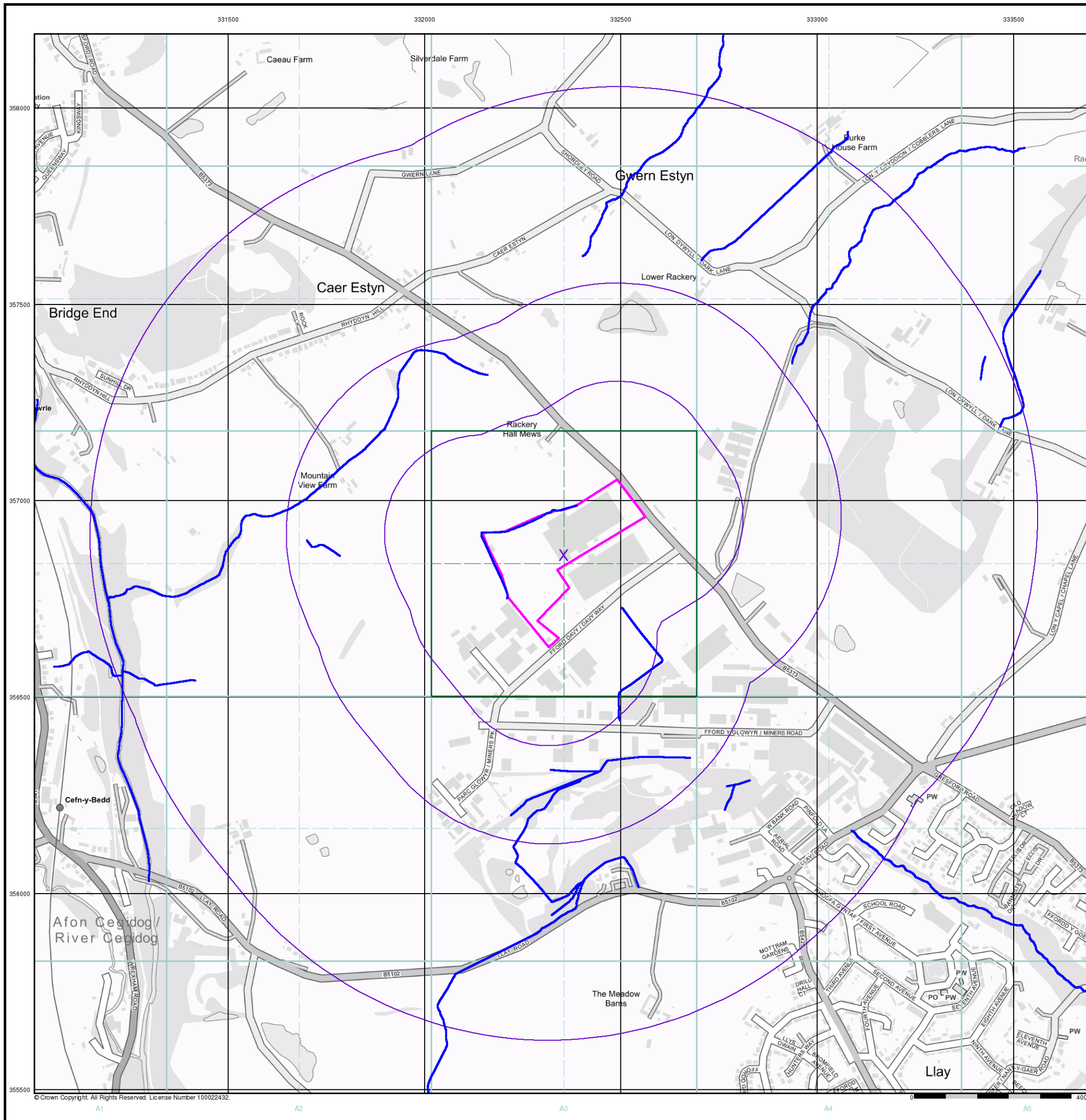


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840



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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

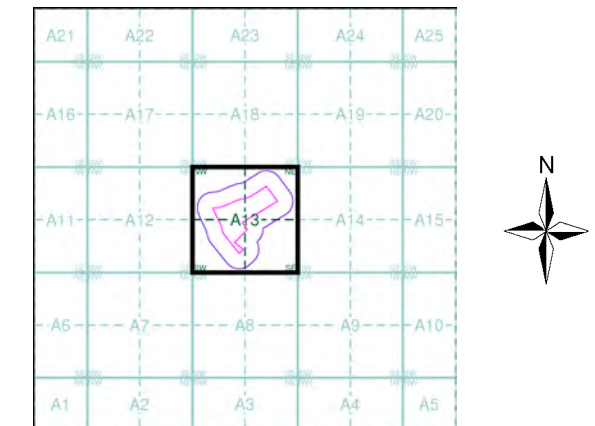
# Envirocheck®

LANDMARK INFORMATION GROUP®

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Denbighshire	1:2,500	1872	2
Flintshire	1:2,500	1879 - 1880	3
Flintshire	1:2,500	1899	4
Denbighshire	1:2,500	1912	5
Ordnance Survey Plan	1:2,500	1962	6
Ordnance Survey Plan	1:2,500	1975	7
Additional SIMs	1:2,500	1980 - 1991	8
Additional SIMs	1:2,500	1984	9
Additional SIMs	1:2,500	1986	10
Additional SIMs	1:2,500	1990	11
Additional SIMs	1:2,500	1991	12
Large-Scale National Grid Data	1:2,500	1993	13
Large-Scale National Grid Data	1:2,500	1996	14

## Historical Map - Segment A13



## Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

## Site Details

Site at 332260, 356840

**Landmark**  
 INFORMATION GROUP

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



Denbighshire

Published 1872

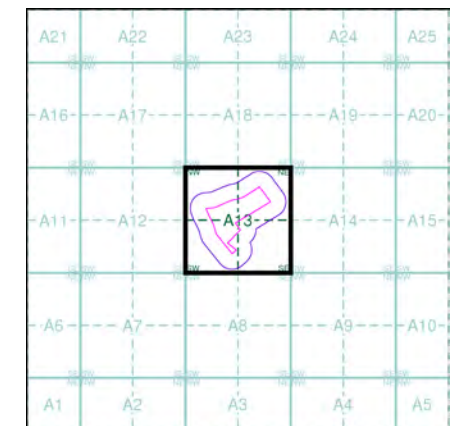
Source map scale - 1:2,500

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)

021_07	1872	1:2,500
021_11	1872	1:2,500

### Historical Map - Segment A13

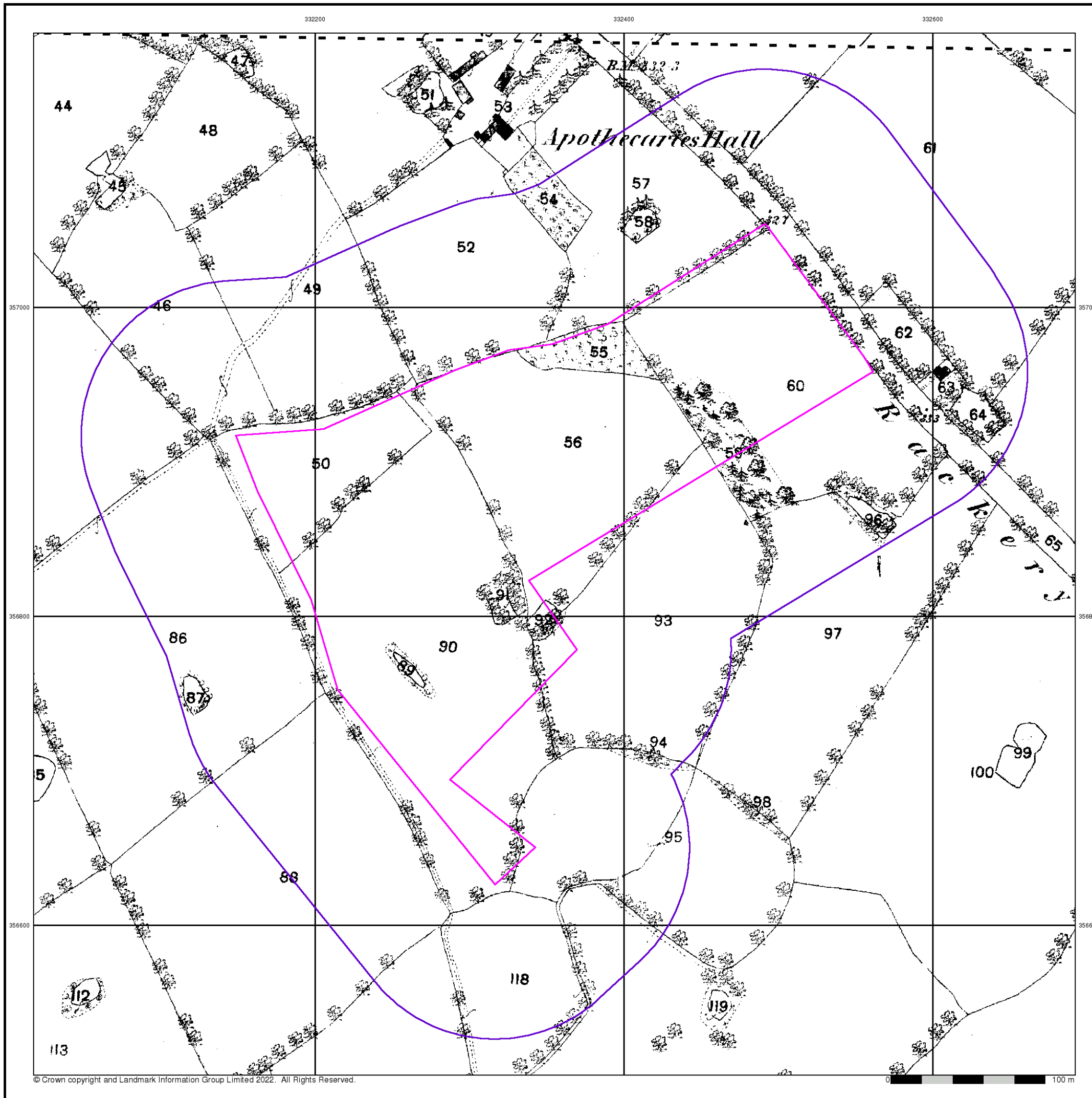


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840



## Flintshire

Published 1879 - 1880

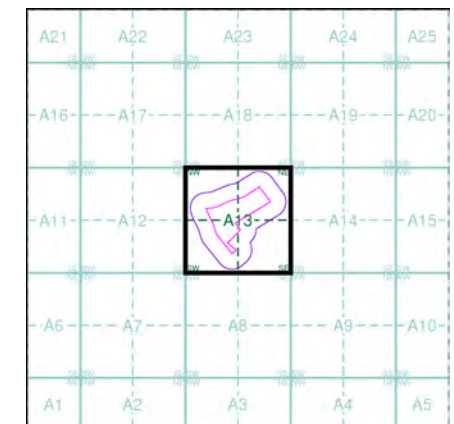
Source map scale - 1:2,500

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)

017_07	1880	1:2,500
017_11	1879	1:2,500

### Historical Map - Segment A13

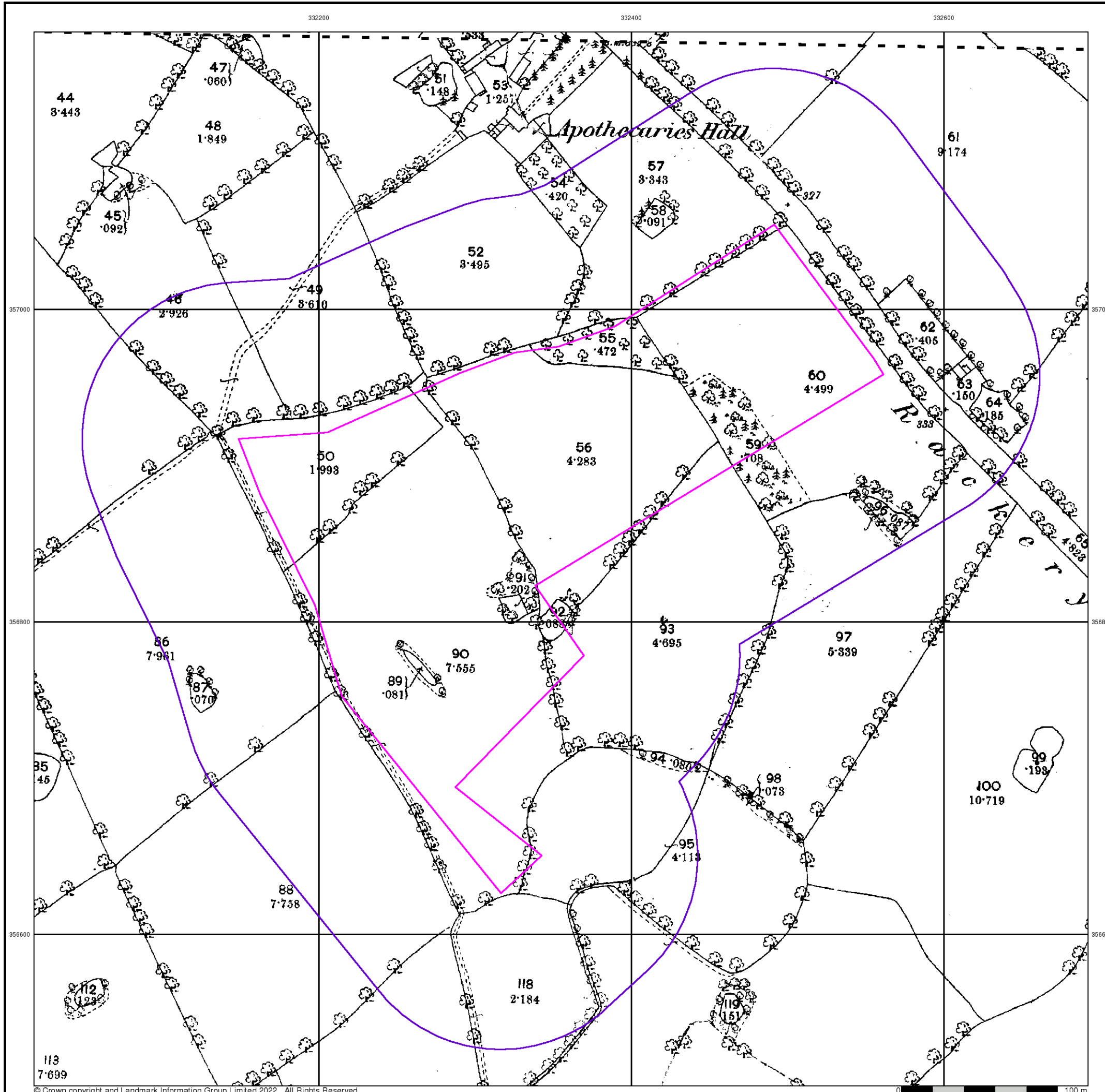


### Order Details

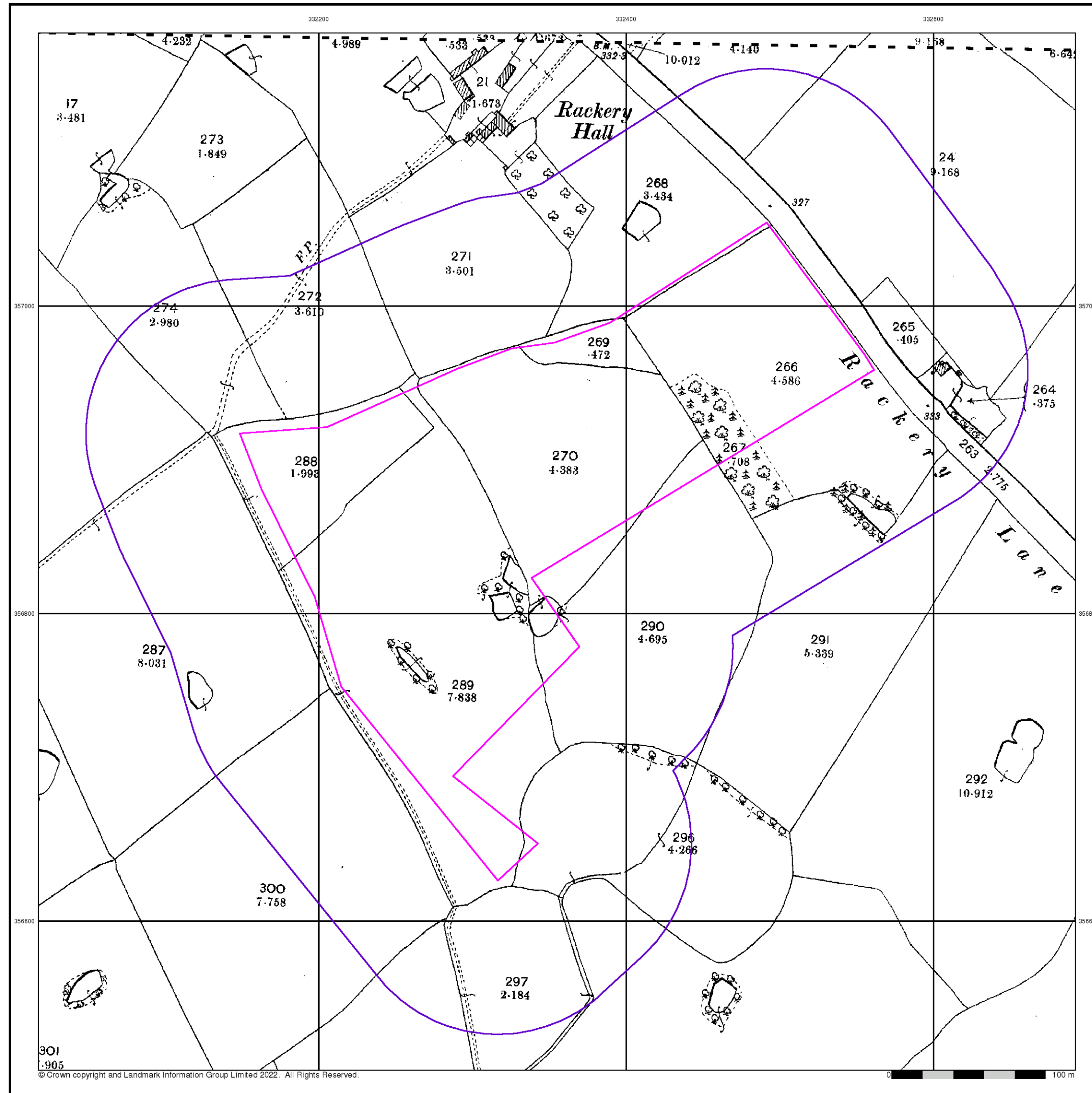
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 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840







## Flintshire

Published 1899

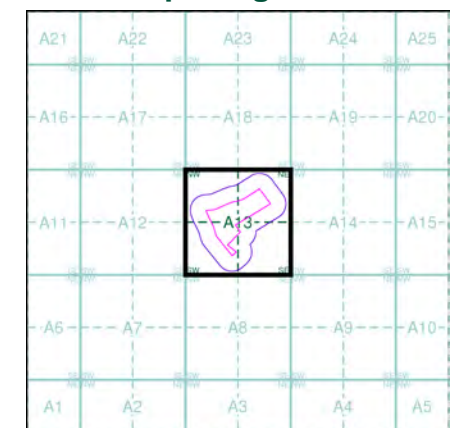
Source map scale - 1:2,500

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)

017_07	1899	1:2,500
017_11	1899	1:2,500

### Historical Map - Segment A13



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840



## Denbighshire

Published 1912

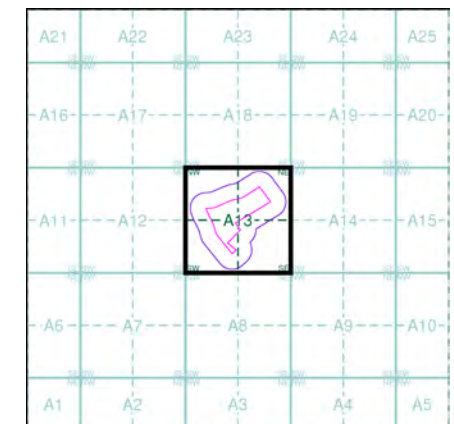
Source map scale - 1:2,500

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)

021_07	1912	1:2,500
021_11	1912	1:2,500

### Historical Map - Segment A13

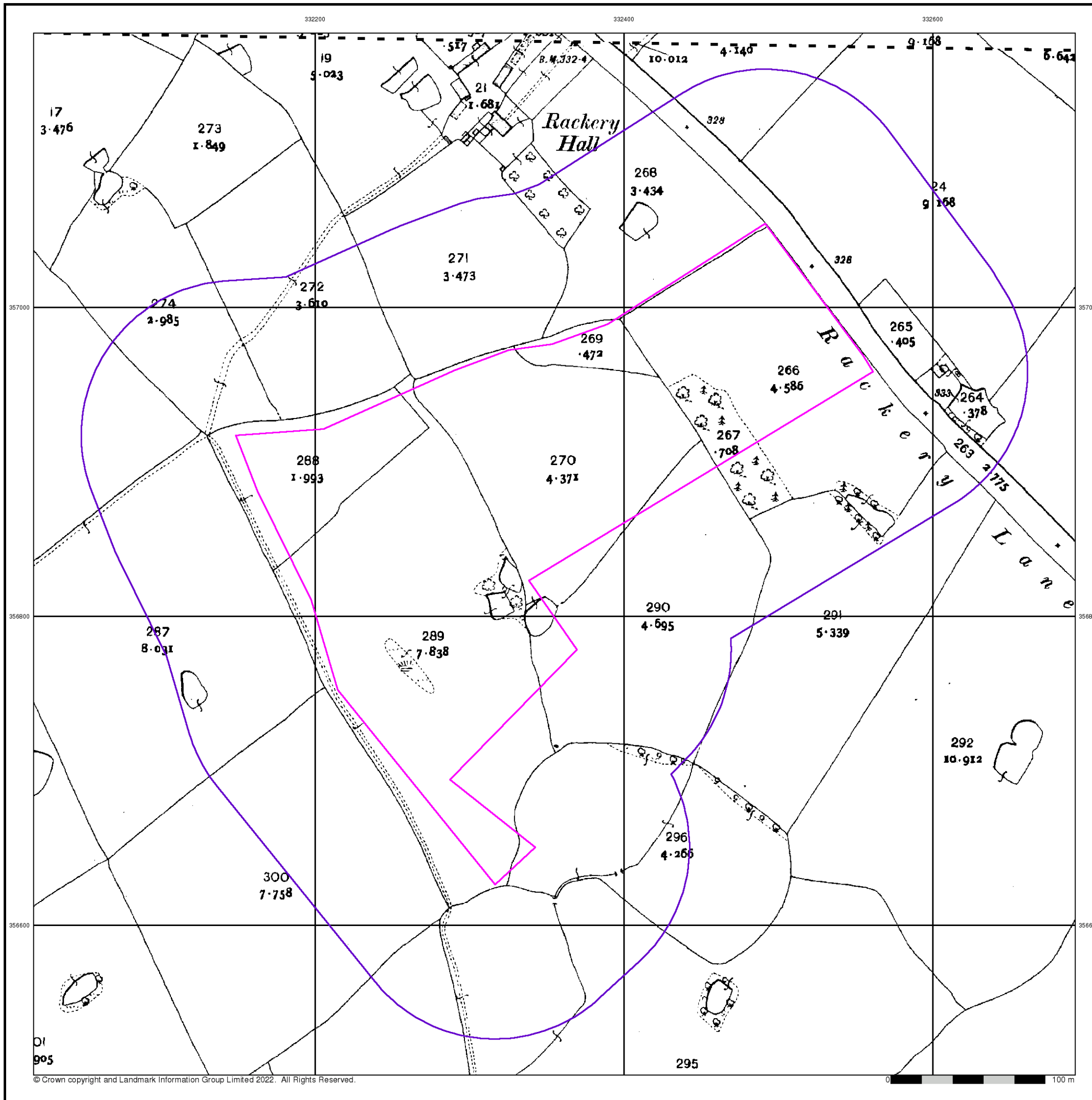


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840



## Ordnance Survey Plan

Published 1962

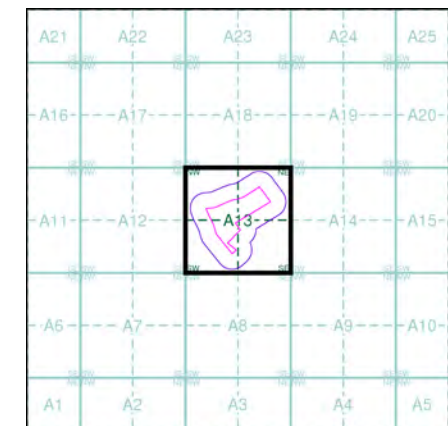
Source map scale - 1:2,500

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

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

SJ3257	1962	1:2,500
SJ3256	1962	1:2,500

### Historical Map - Segment A13

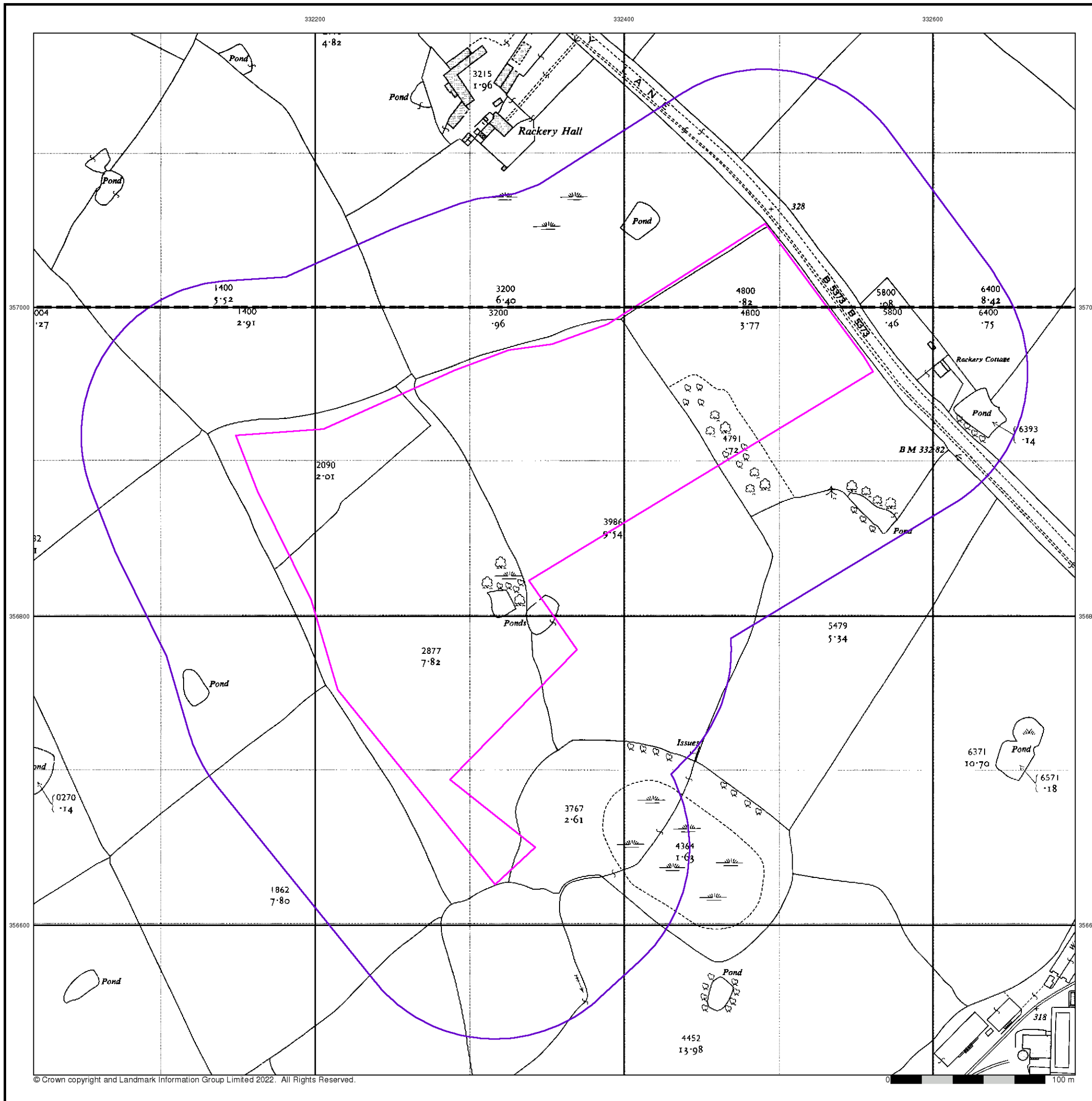


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840



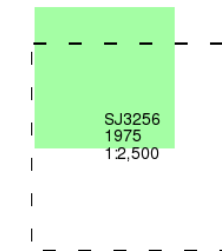
## Ordnance Survey Plan

Published 1975

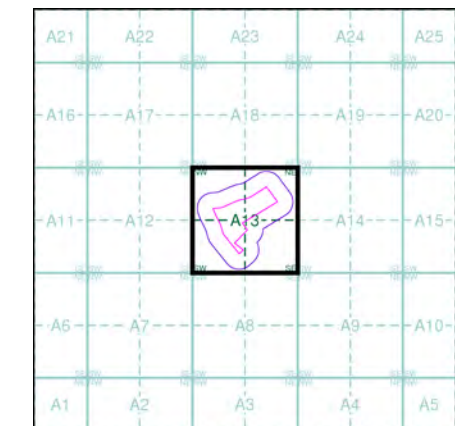
Source map scale - 1:2,500

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

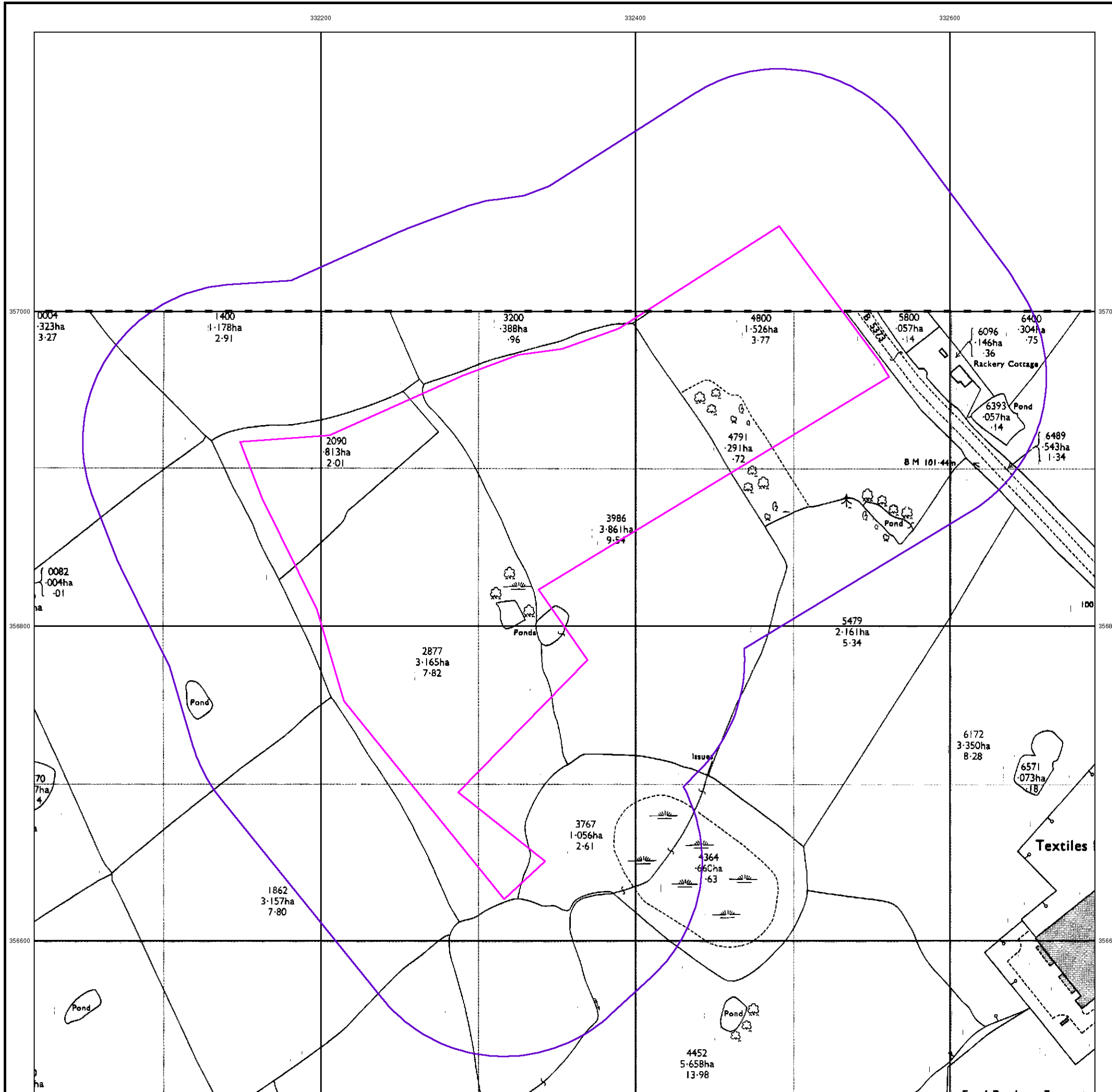


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840





## Additional SIMs

Published 1980 - 1991

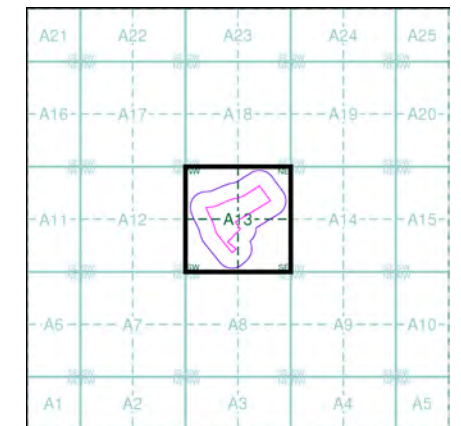
Source map scale - 1:2,500

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)

SJ3257	1991	1:2,500
SJ3256	1980	1:2,500

## Historical Map - Segment A13

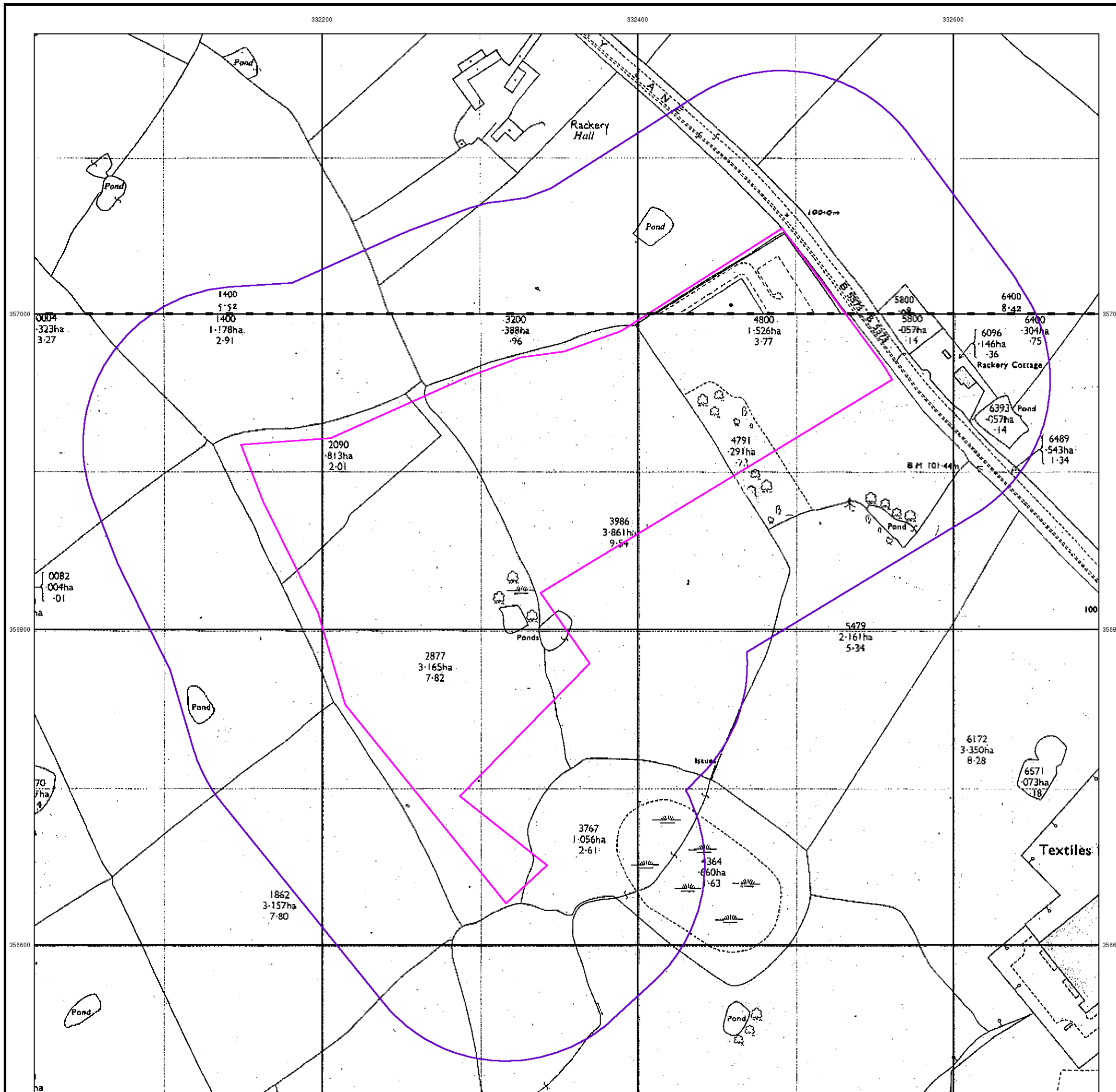


## Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

## Site Details

Site at 332260, 356840



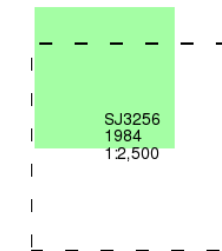
## Additional SIMs

Published 1984

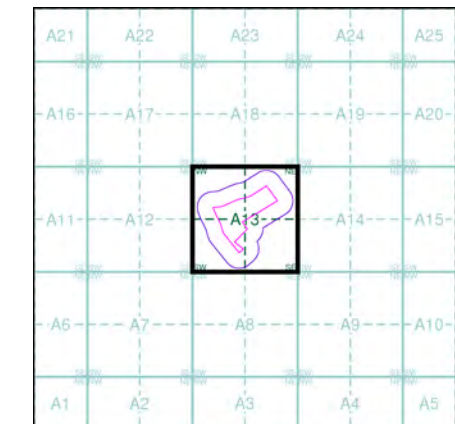
Source map scale - 1:2,500

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

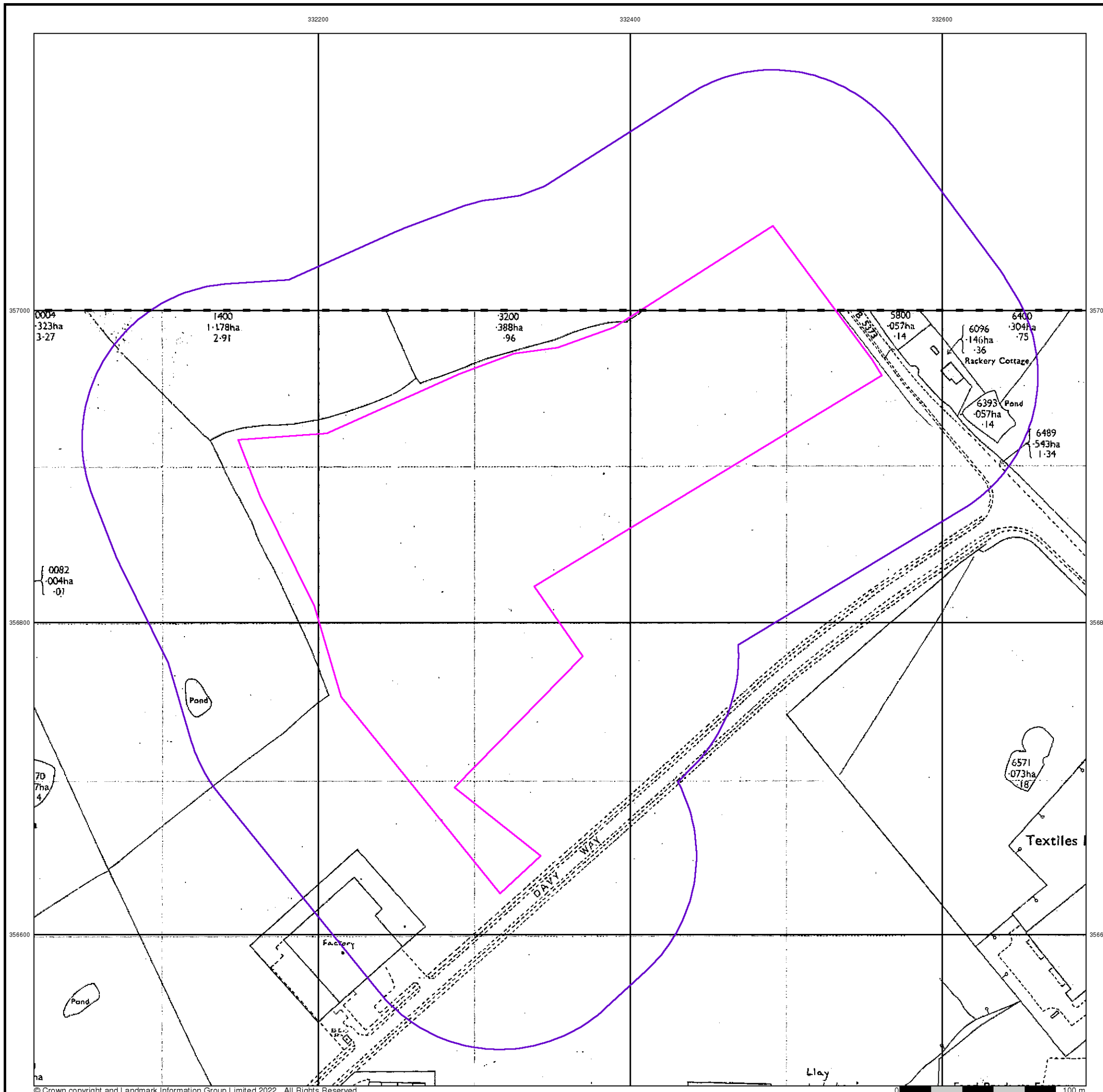


## Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

## Site Details

Site at 332260, 356840





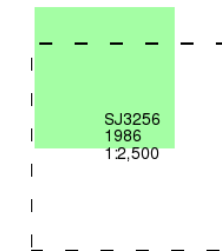
## Additional SIMs

Published 1986

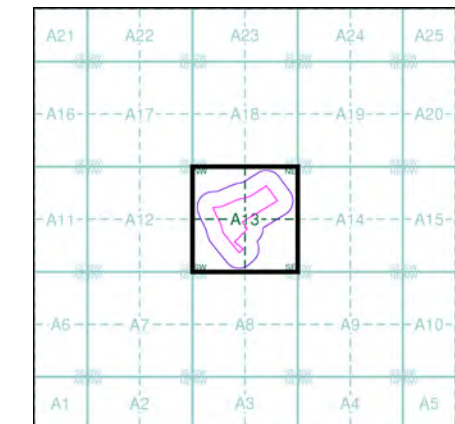
Source map scale - 1:2,500

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

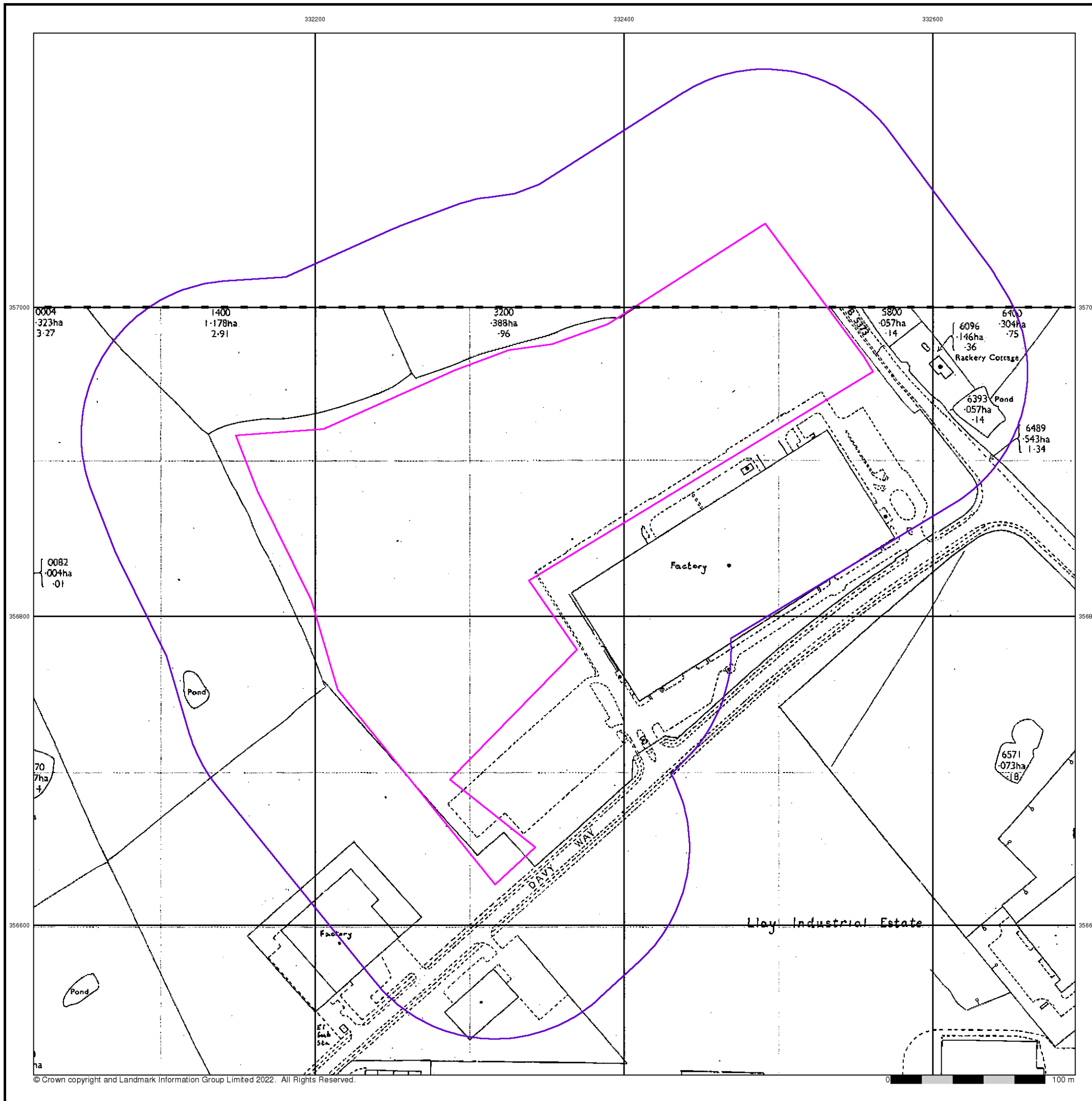


## Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

## Site Details

Site at 332260, 356840



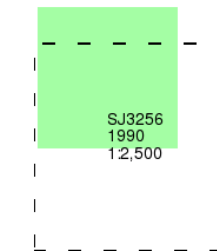
## Additional SIMs

Published 1990

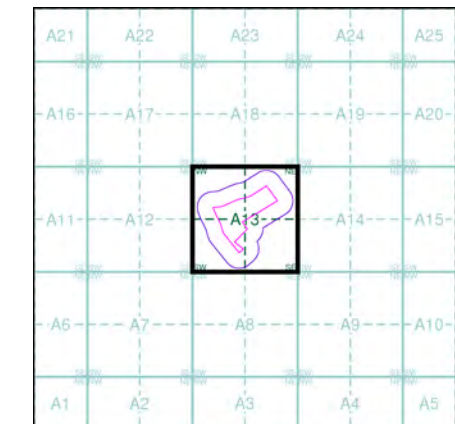
Source map scale - 1:2,500

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: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

## Site Details

Site at 332260, 356840



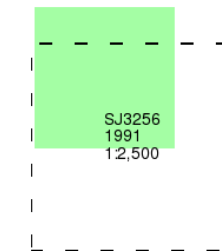
## Additional SIMs

Published 1991

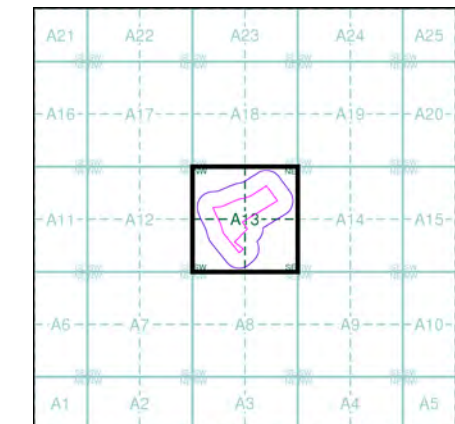
Source map scale - 1:2,500

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

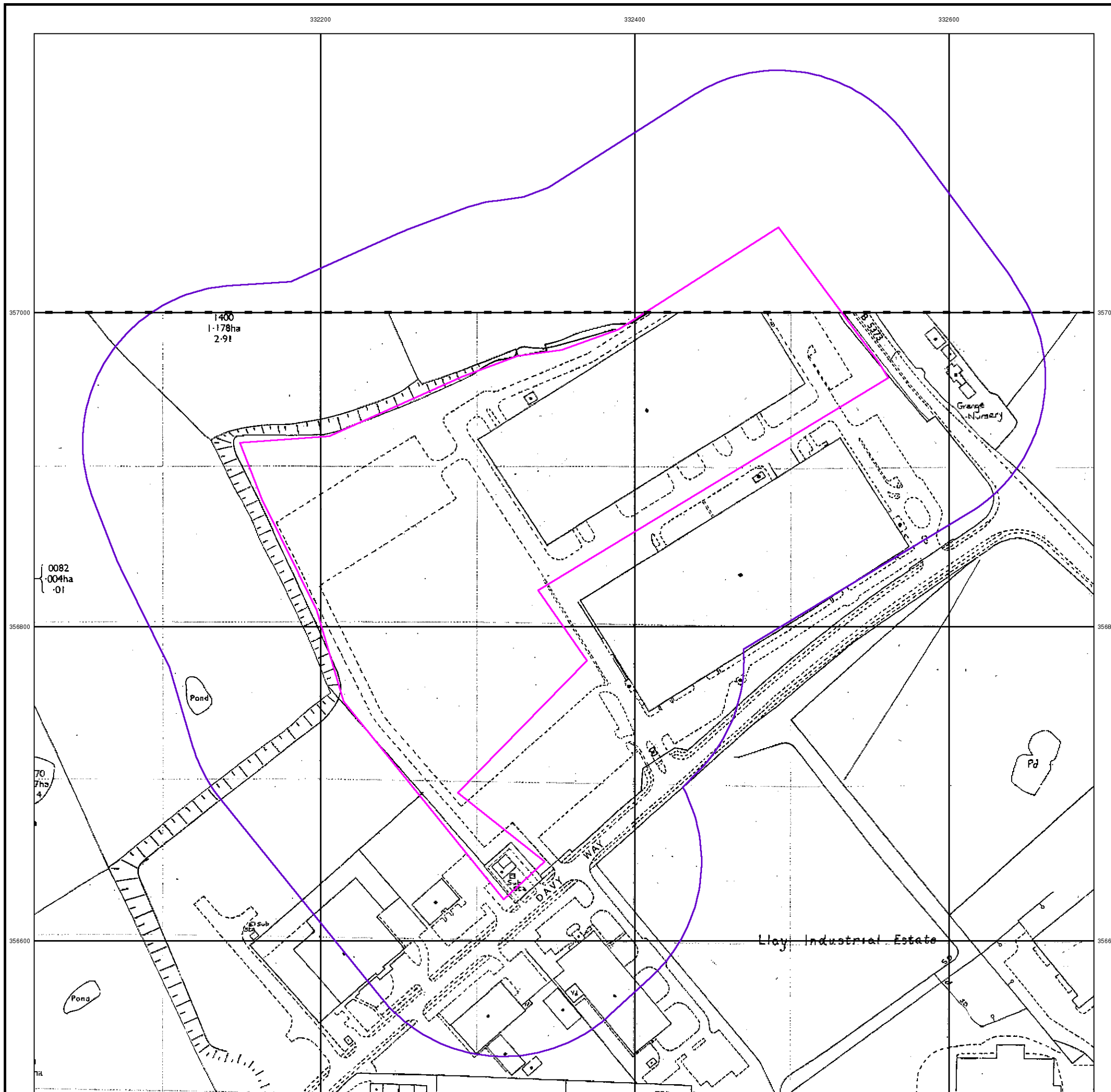


## Order Details

Order Number: 296712719\_1\_1  
Customer Ref: 5473  
National Grid Reference: 332350, 356860  
Slice: A  
Site Area (Ha): 6.4  
Search Buffer (m): 100

## Site Details

Site at 332260, 356840





## Large-Scale National Grid Data

Published 1993

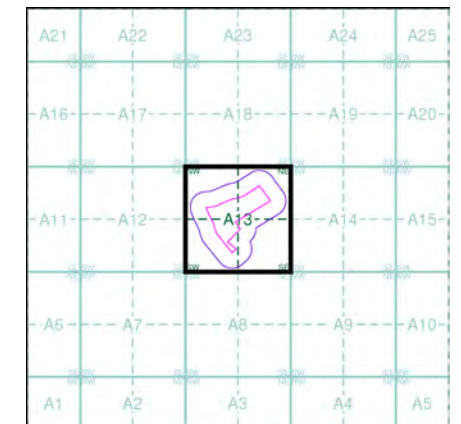
Source map scale - 1:2,500

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

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

SJ3257	1993	1:2,500
SJ3256	1993	1:2,500

### Historical Map - Segment A13

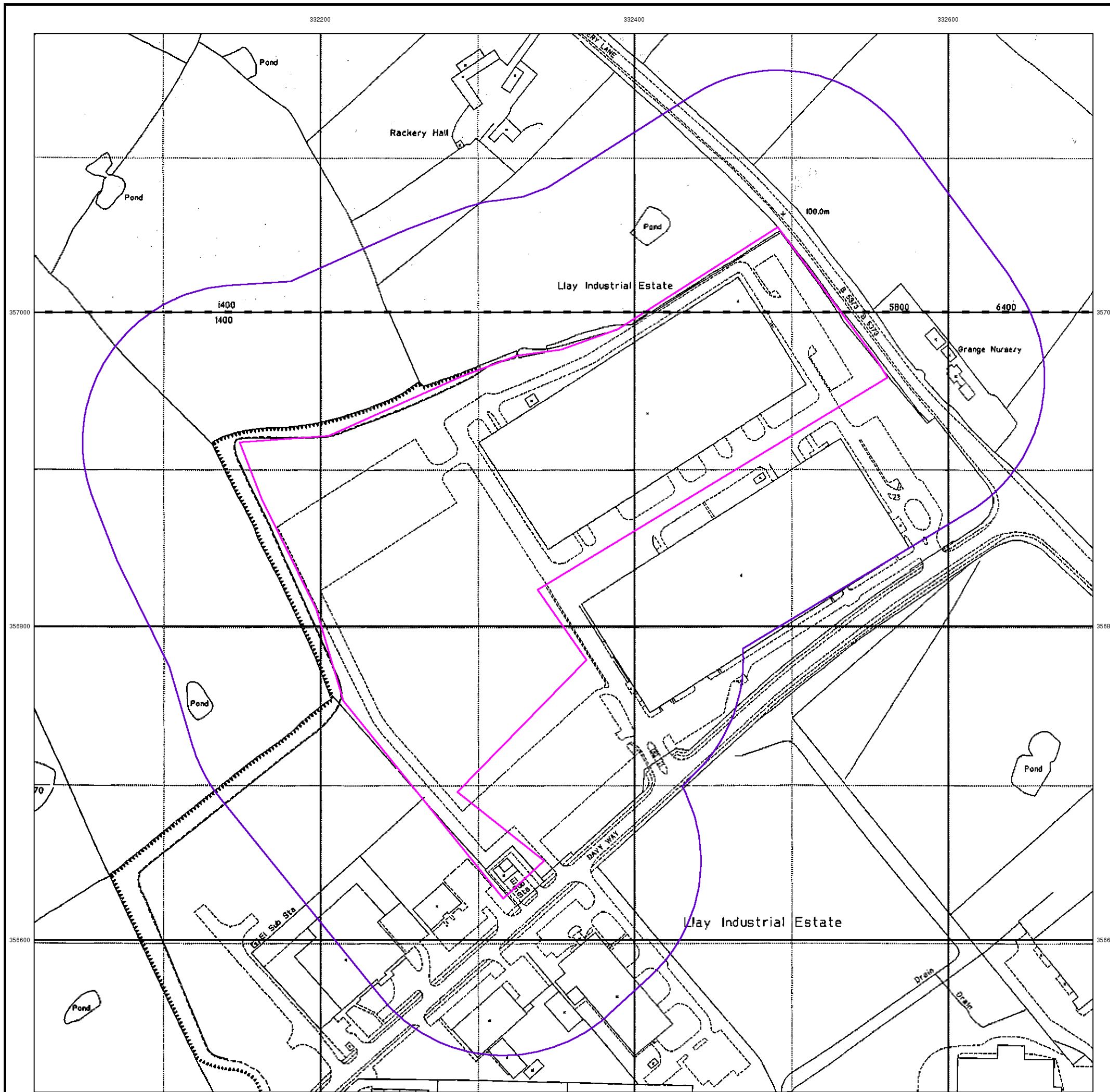


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840



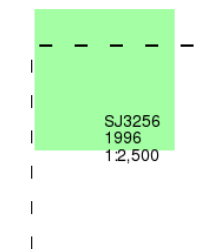
## Large-Scale National Grid Data

Published 1996

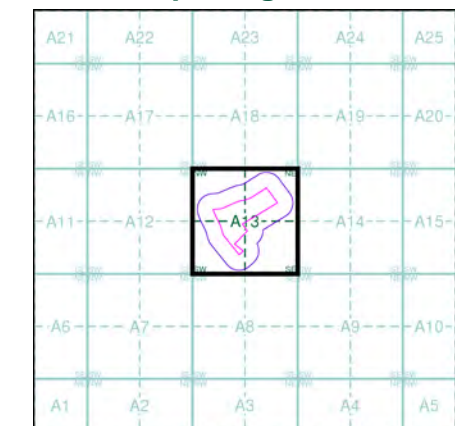
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 100

### Site Details

Site at 332260, 356840





# 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		Bracken
	Heath		Rough Grassland
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		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

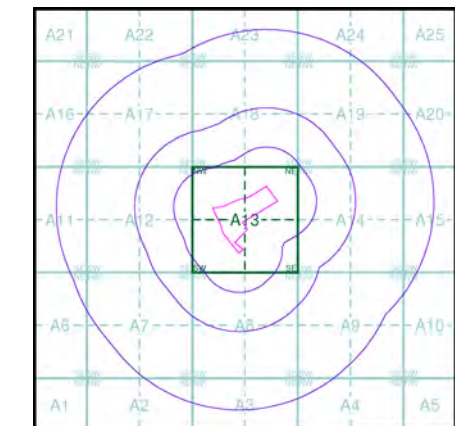
# Envirocheck®

LANDMARK INFORMATION GROUP®

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Flintshire	1:10,560	1879	2
Flintshire	1:10,560	1900	3
Denbighshire	1:10,560	1914	4
Denbighshire	1:10,560	1938	5
Denbighshire	1:10,560	1954	6
Ordnance Survey Plan	1:10,000	1964	7
Ordnance Survey Plan	1:10,000	1968	8
Ordnance Survey Plan	1:10,000	1981	9
Ordnance Survey Plan	1:10,000	1992	10
10K Raster Mapping	1:10,000	2000	11
Street View	Variable		12

## Historical Map - Slice A



## Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

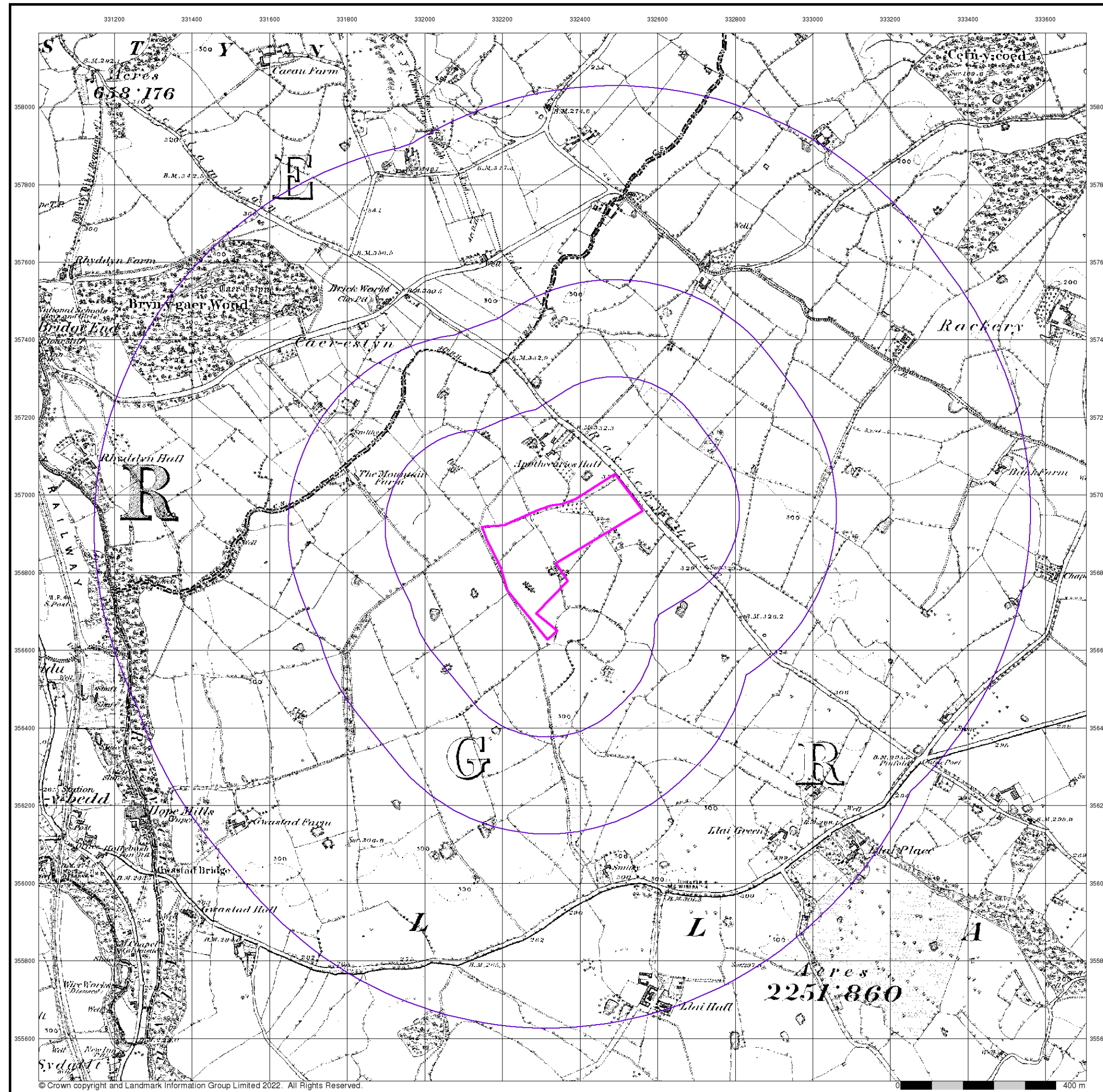
## Site Details

Site at 332260, 356840

**Landmark**  
 INFORMATION GROUP

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





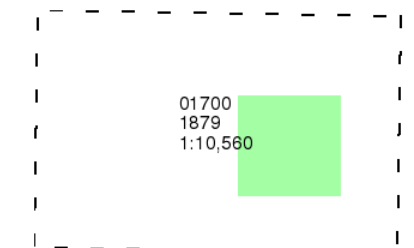
## Flintshire

Published 1879

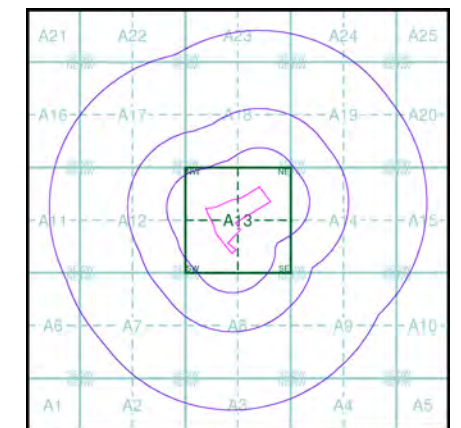
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



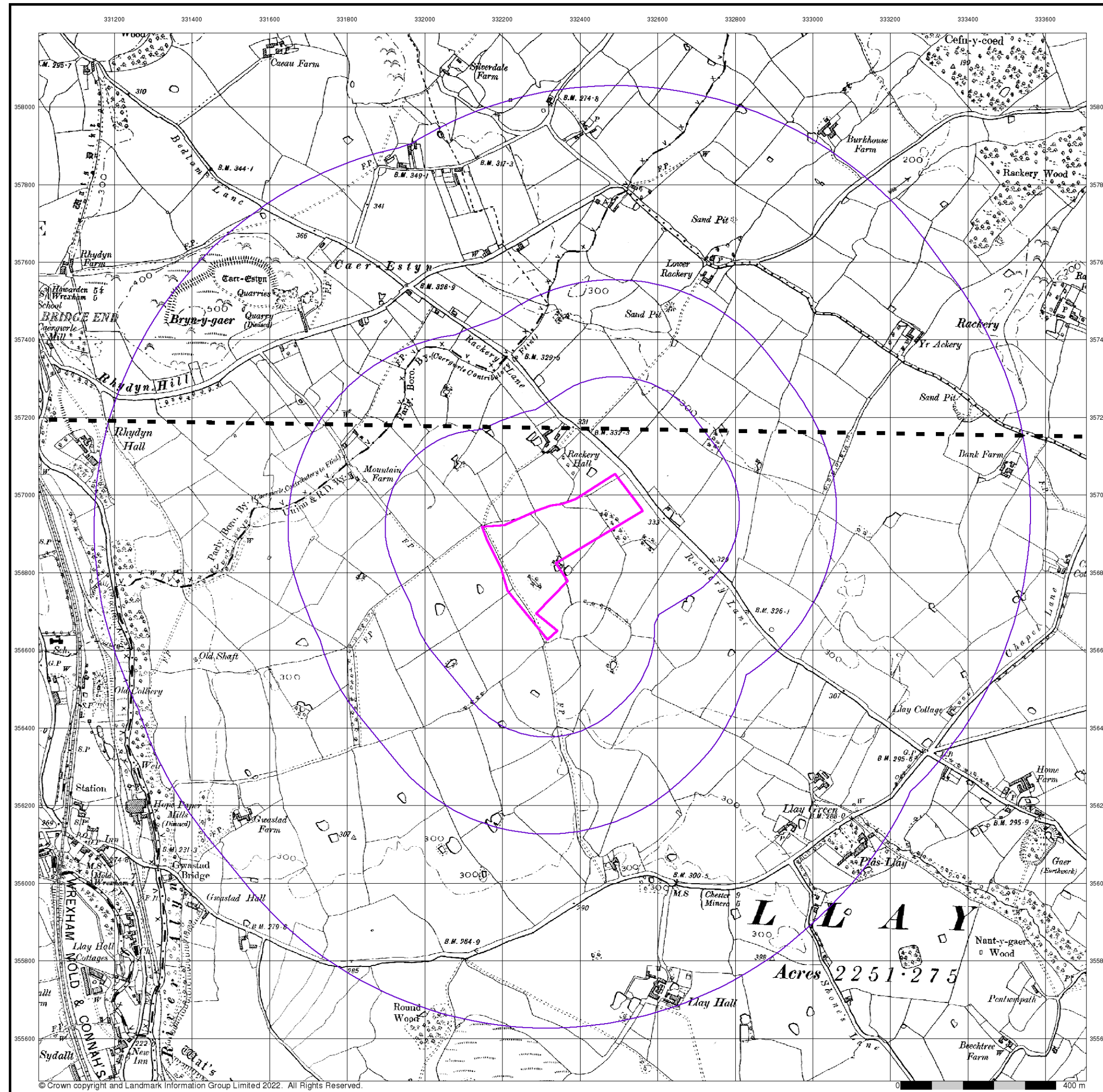
### Order Details

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 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
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 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840





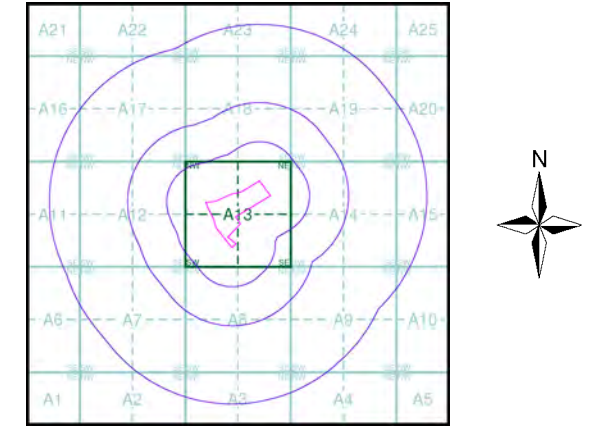
**Flintshire**  
**Published 1900**  
**Source map scale - 1:10,560**

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)**

017NE	1900	1:10,560
017SE	1900	1:10,560

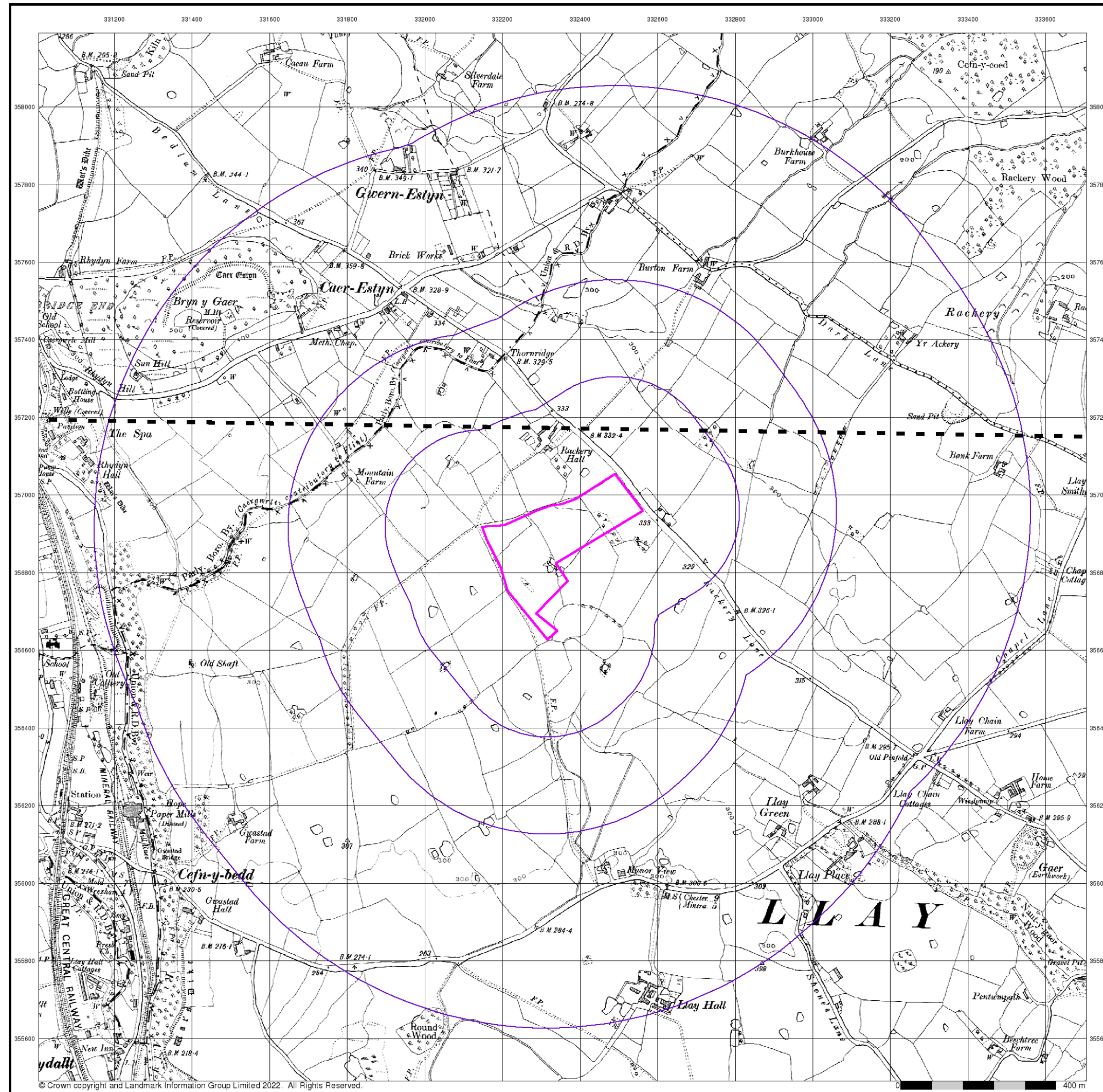
**Historical Map - Slice A**



**Order Details**  
 Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

**Site Details**  
 Site at 332260, 356840





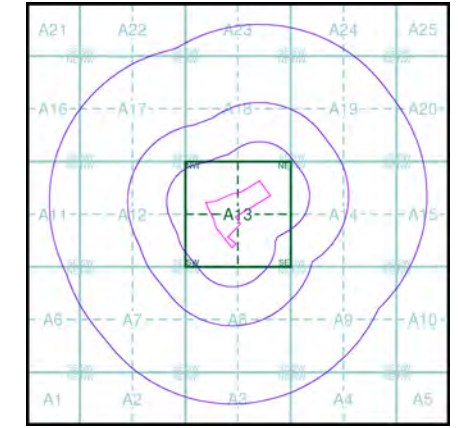
**Denbighshire**  
**Published 1914**  
**Source map scale - 1:10,560**

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)**

021NE	1914	1:10,560
021SE	1914	1:10,560

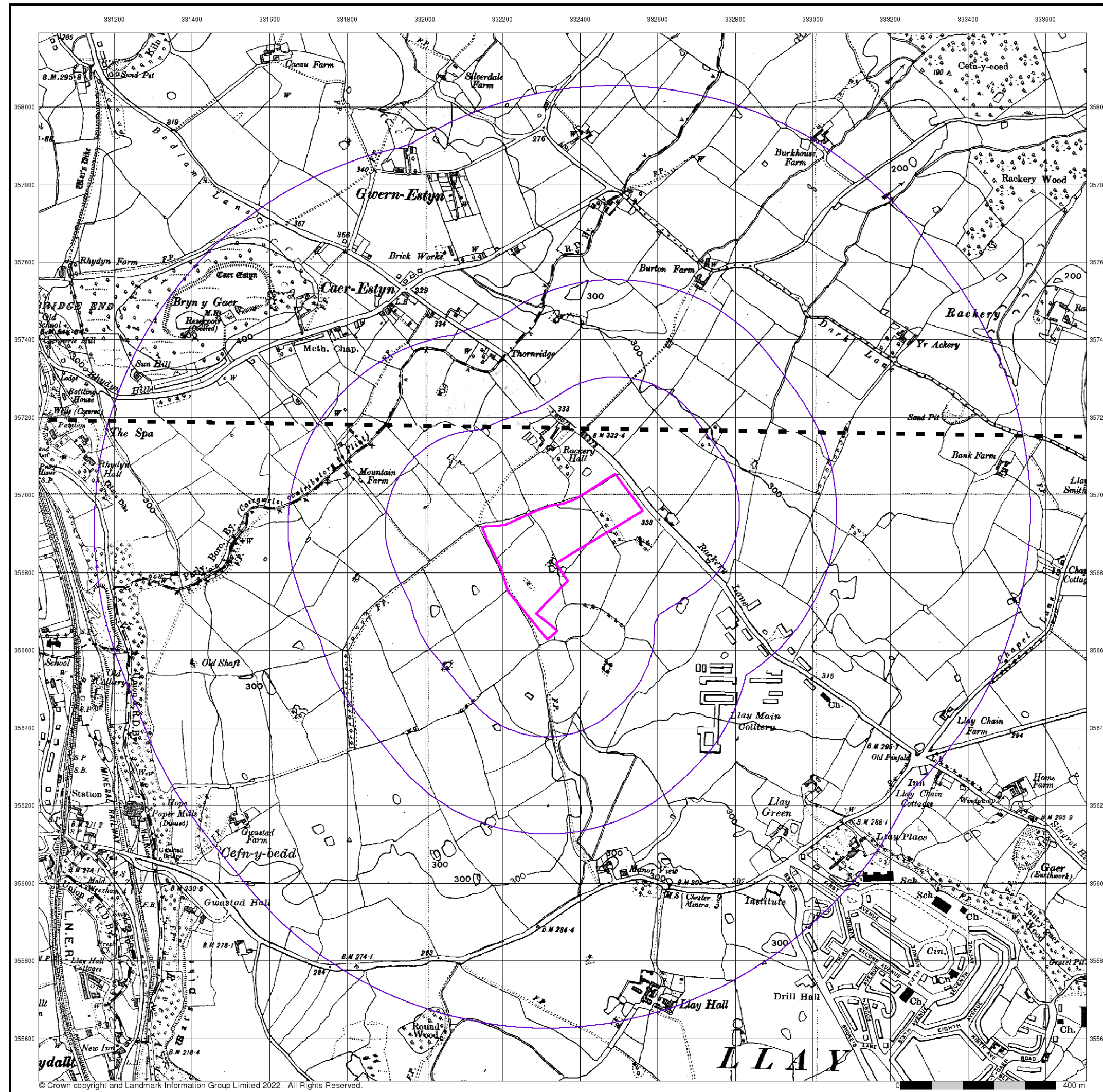
**Historical Map - Slice A**



**Order Details**  
 Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

**Site Details**  
 Site at 332260, 356840





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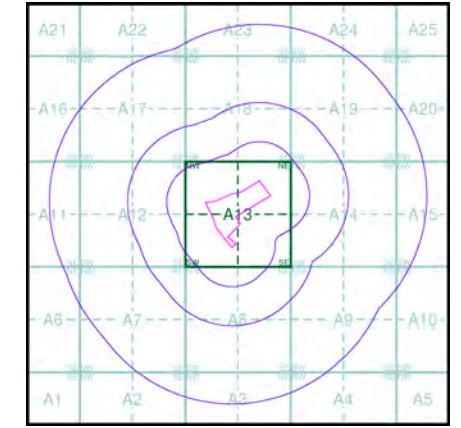
**Denbighshire**  
**Published 1938**  
**Source map scale - 1:10,560**

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

021NE	1938	1:10,560
021SE	1938	1:10,560

### Historical Map - Slice A



**Order Details**  
 Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

**Site Details**  
 Site at 332260, 356840



## Denbighshire

Published 1954

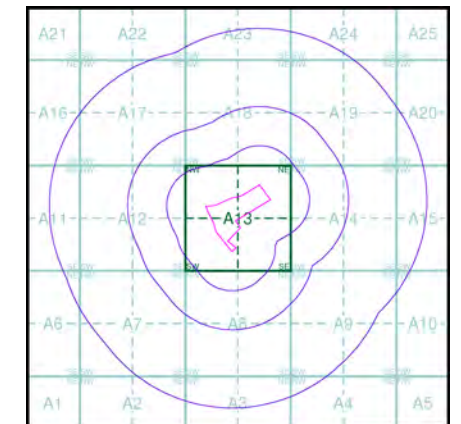
Source map scale - 1:10,560

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)

021NE	1954	1:10,560
021SE	1954	1:10,560

### Historical Map - Slice A

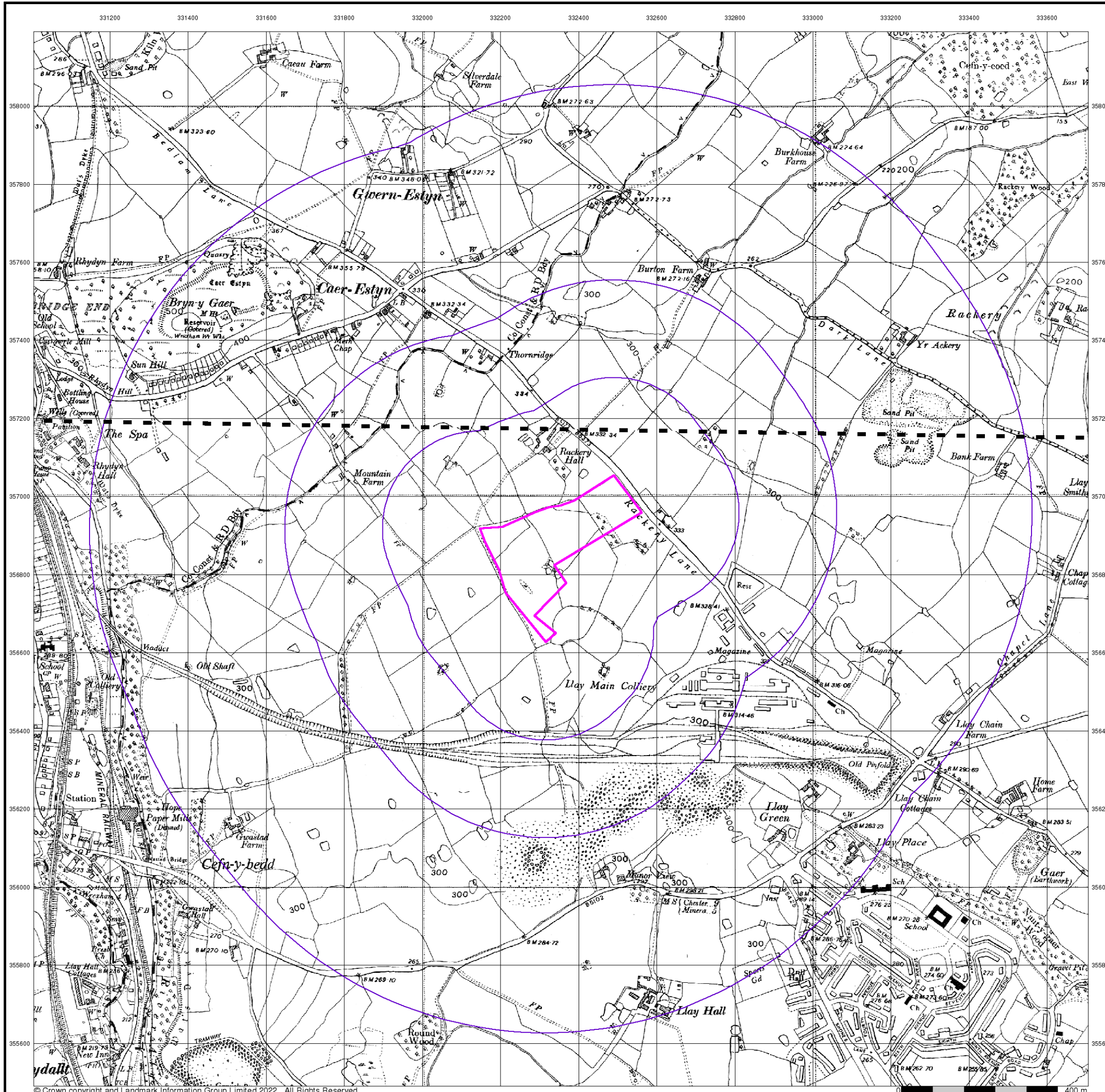


### Order Details

Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840





## Ordnance Survey Plan

Published 1964

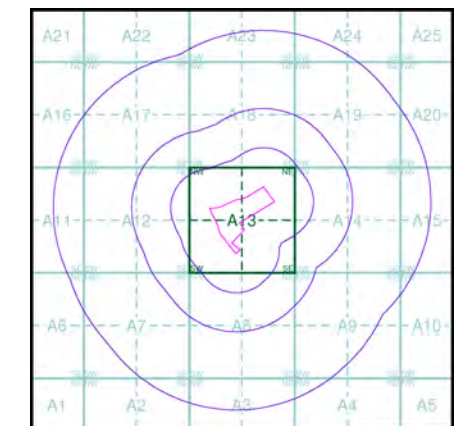
Source map scale - 1:10,000

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)

SJ35NW  
1964  
1:10,560

### Historical Map - Slice A

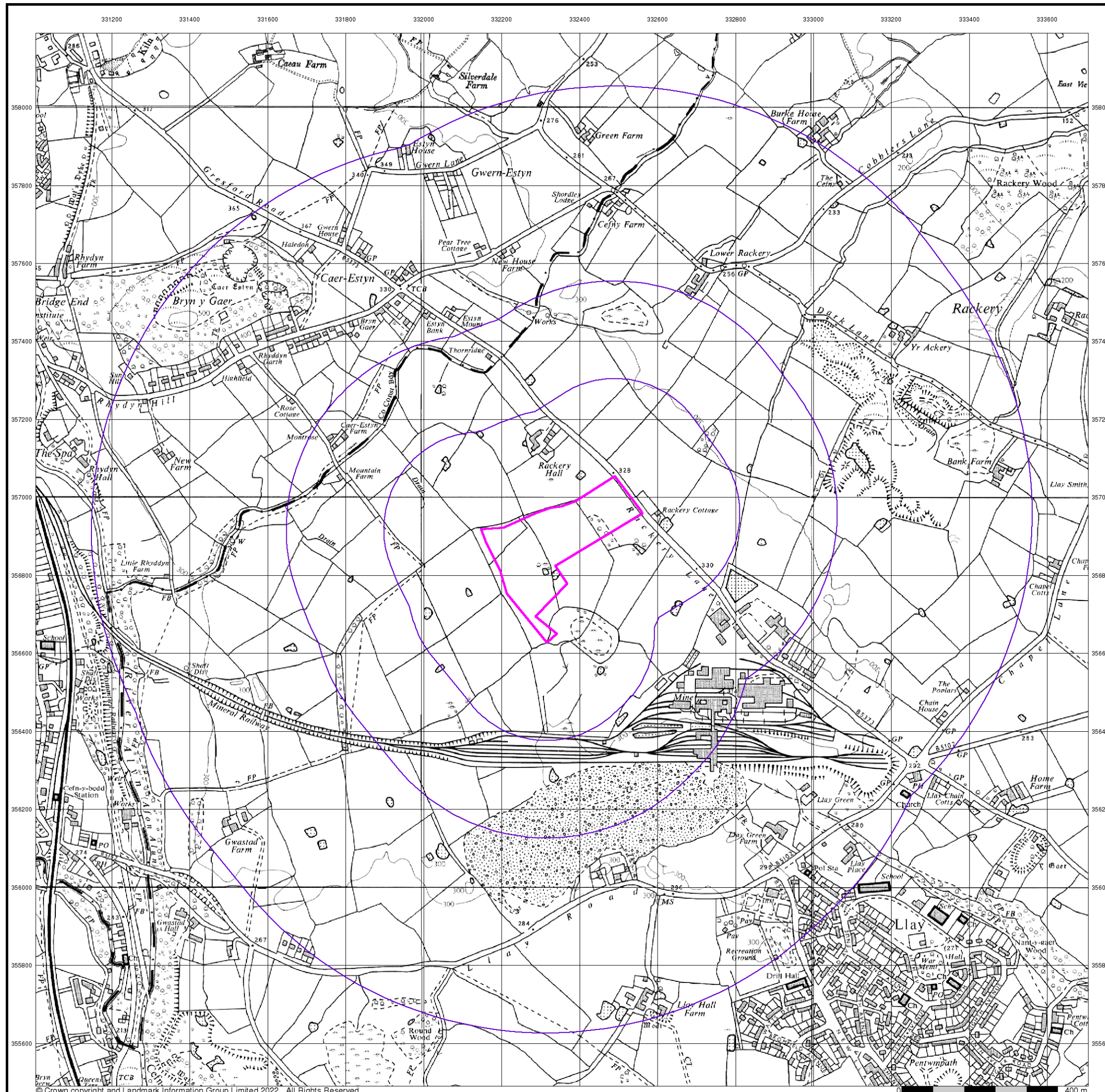


### Order Details

Order Number: 296712719\_1\_1  
Customer Ref: 5473  
National Grid Reference: 332350, 356860  
Slice: A  
Site Area (Ha): 6.4  
Search Buffer (m): 1000

### Site Details

Site at 332260, 356840





## Ordnance Survey Plan

Published 1968

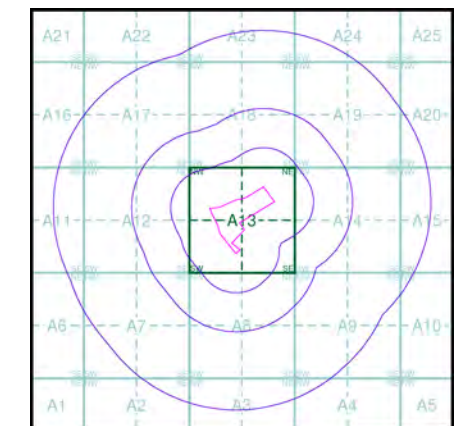
Source map scale - 1:10,000

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)

SJ35NW  
1968  
1:10,560

### Historical Map - Slice A

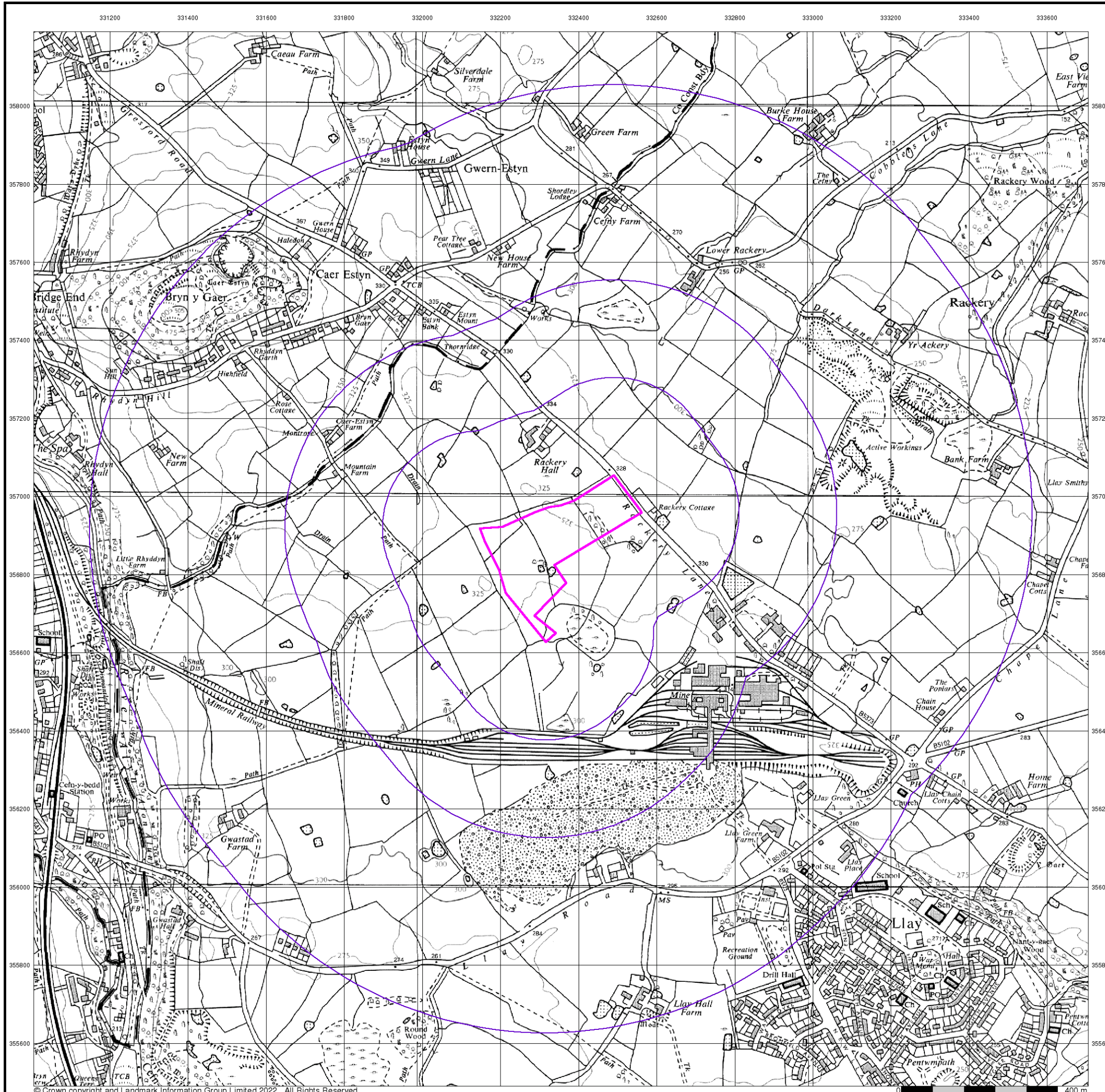


### Order Details

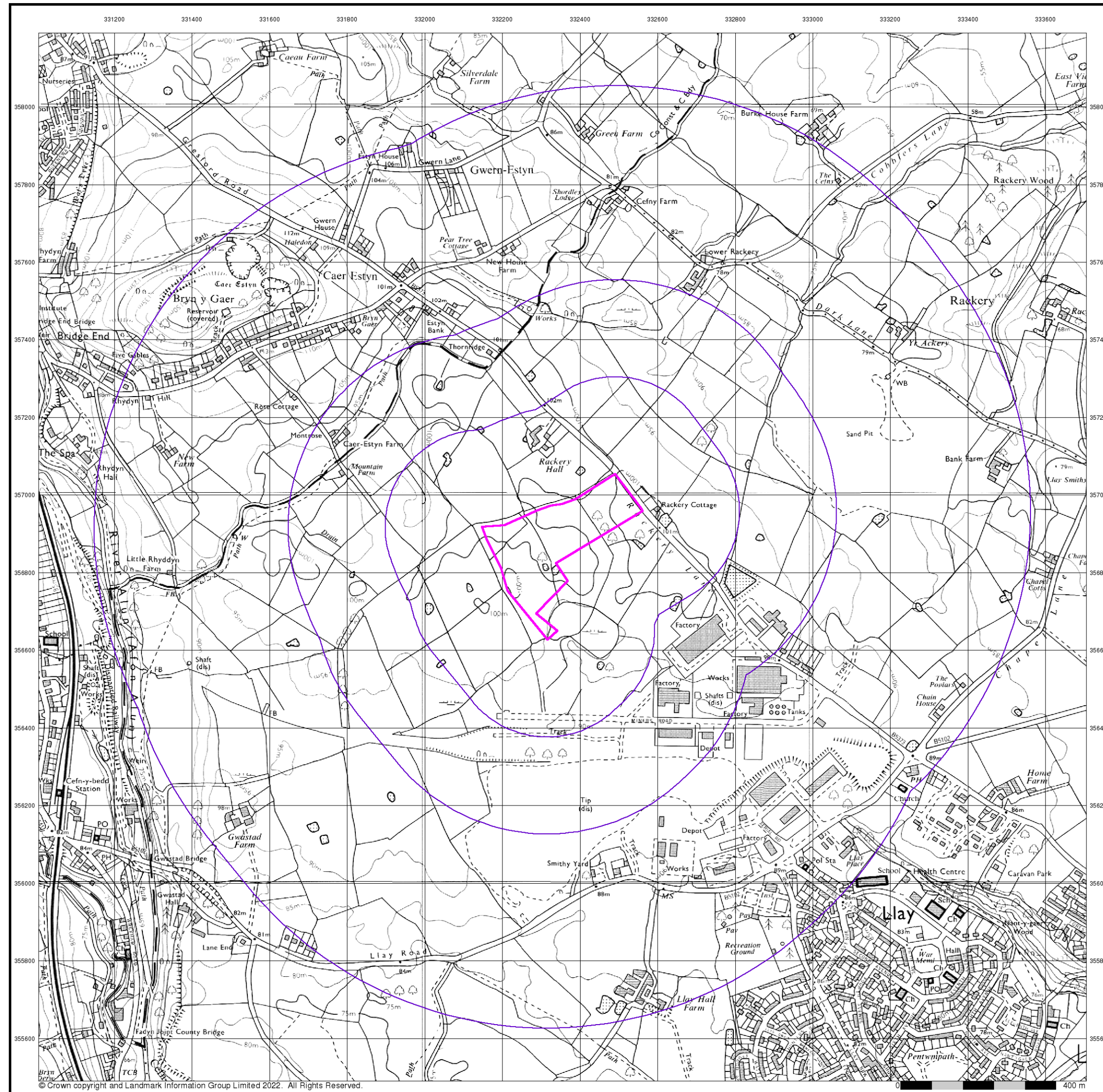
Order Number: 296712719\_1\_1  
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 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

### Site Details

Site at 332260, 356840



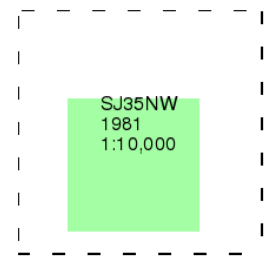




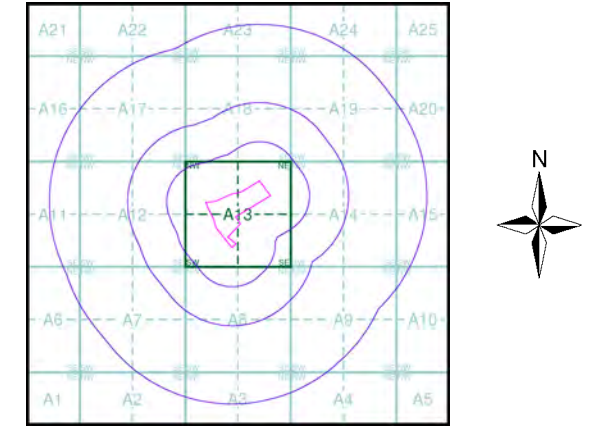
## Ordnance Survey Plan Published 1981 Source map scale - 1:10,000

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)



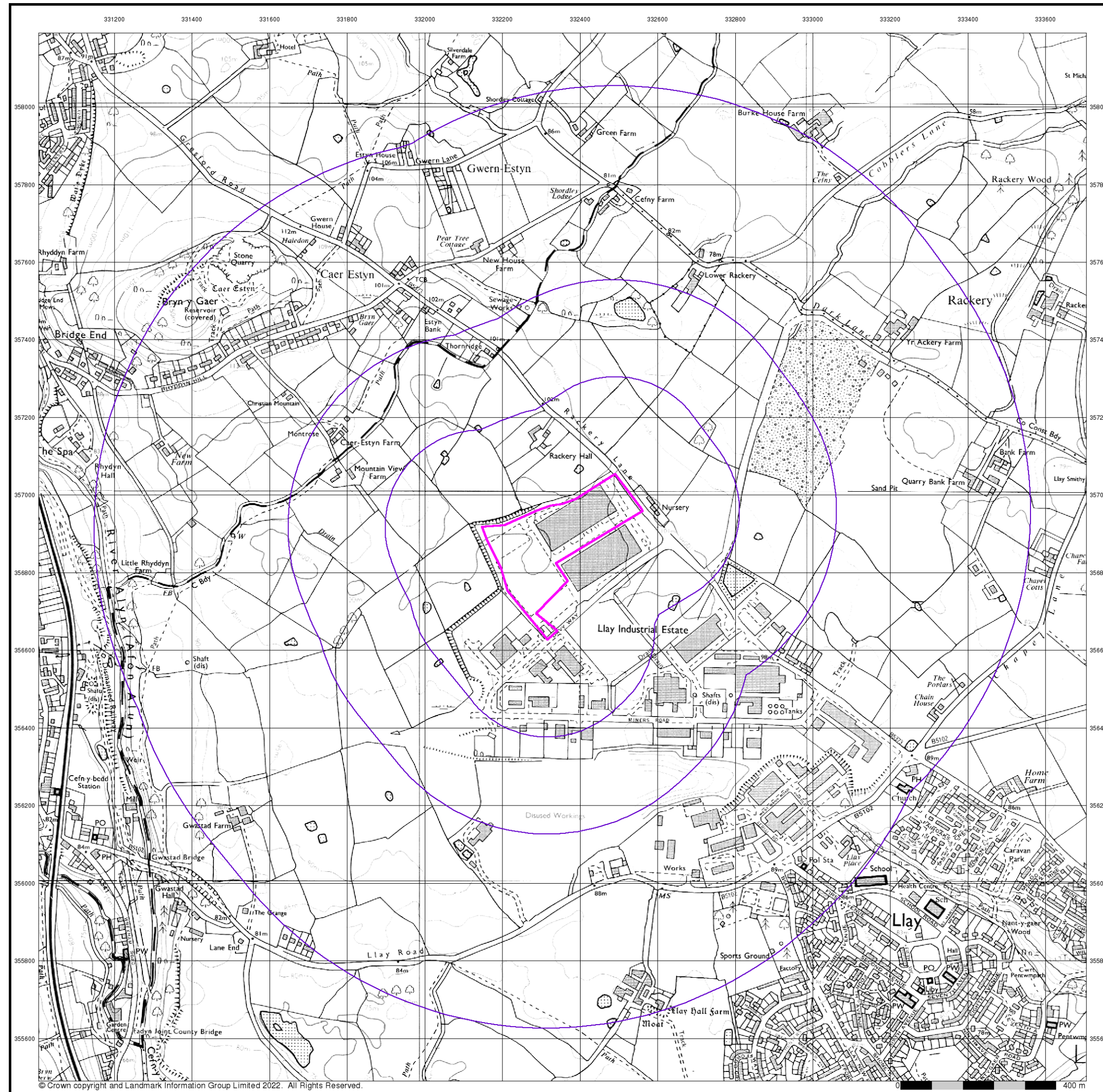
### Historical Map - Slice A



Order Details	
Order Number:	296712719_1_1
Customer Ref:	5473
National Grid Reference:	332350, 356860
Slice:	A
Site Area (Ha):	6.4
Search Buffer (m):	1000

**Site Details**  
Site at 332260, 356840

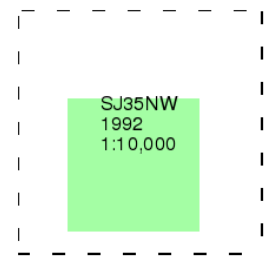




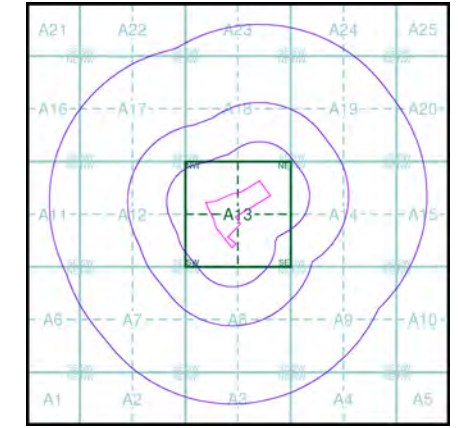
## Ordnance Survey Plan Published 1992 Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overlaid 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: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

**Site Details**  
 Site at 332260, 356840



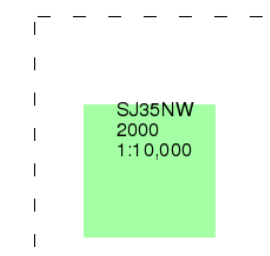
## 10k Raster Mapping

Published 2000

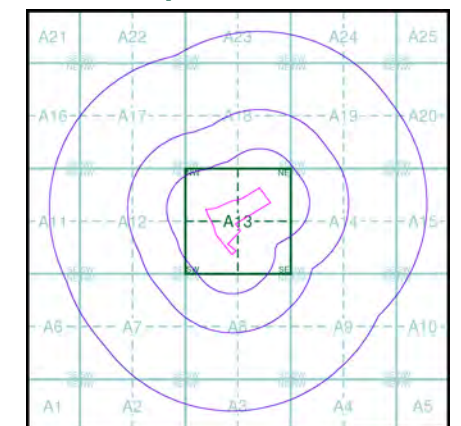
Source map scale - 1:10,000

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

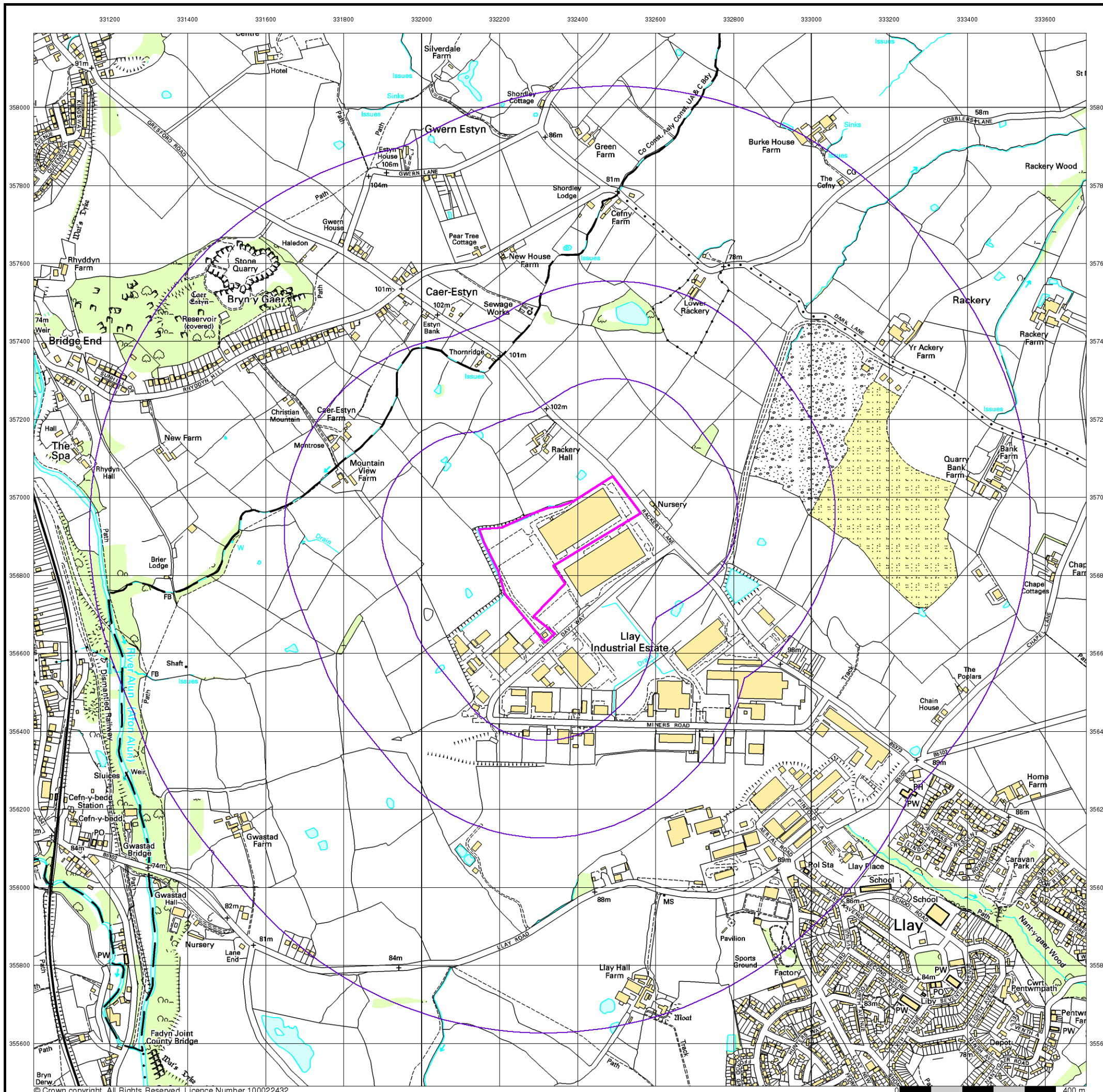


### Order Details

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Customer Ref: 5473  
National Grid Reference: 332350, 356860  
Slice: A  
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Search Buffer (m): 1000

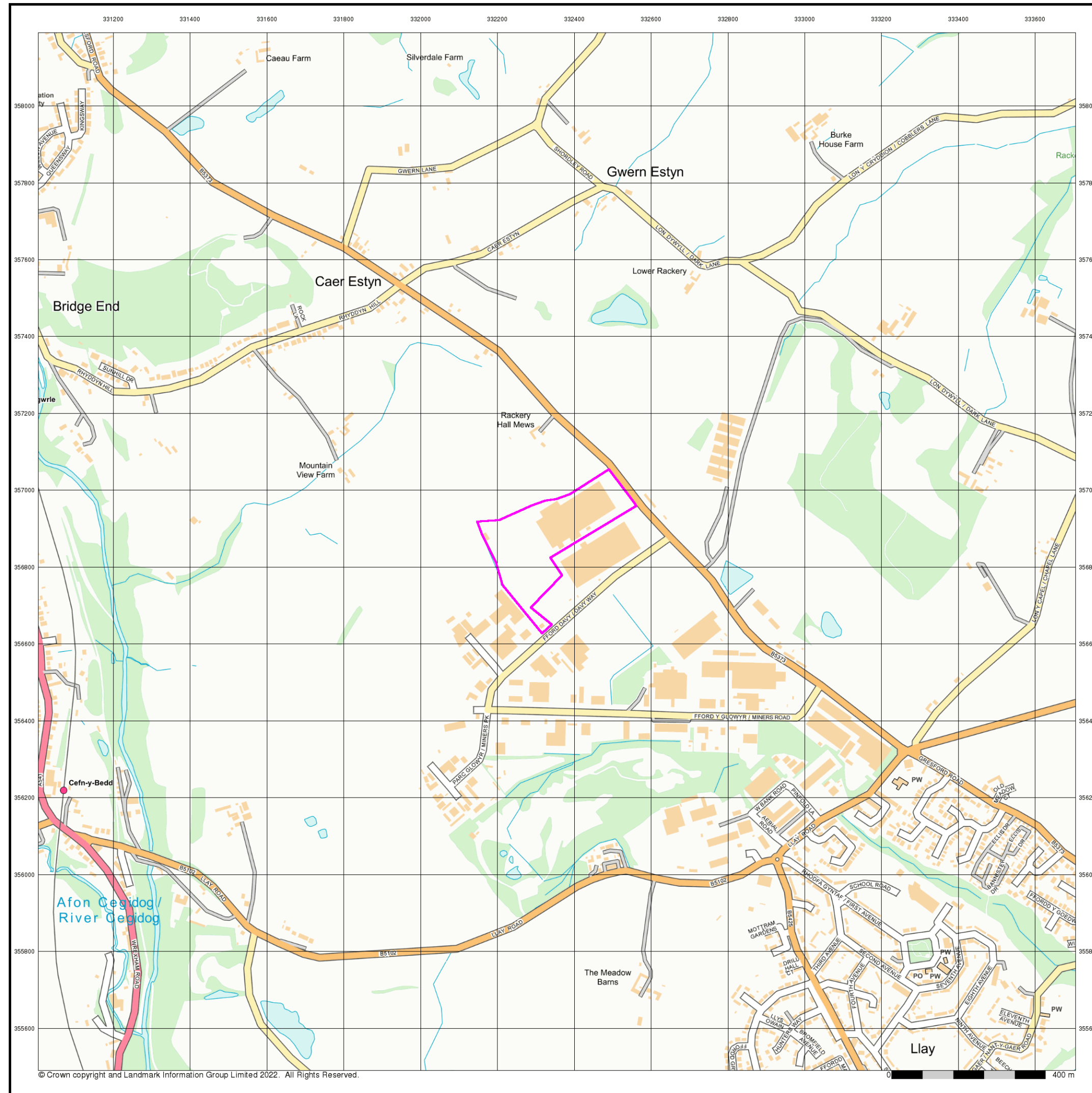
### Site Details

Site at 332260, 356840



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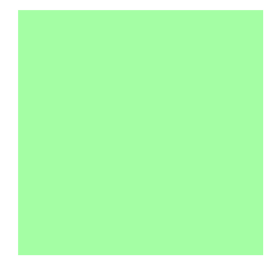




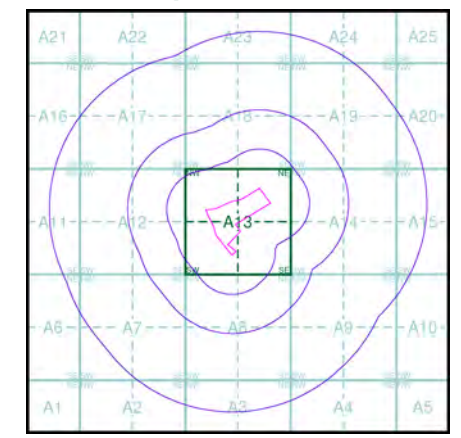
**Street View**  
**Published 2022**  
**Source map scale - 1:10,000**

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

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



**Street View Map - Slice A**



**Order Details**  
 Order Number: 296712719\_1\_1  
 Customer Ref: 5473  
 National Grid Reference: 332350, 356860  
 Slice: A  
 Site Area (Ha): 6.4  
 Search Buffer (m): 1000

**Site Details**  
 Site at 332260, 356840

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## APPENDIX 2

The Coal Authority – Coal Mining Report



The Coal  
Authority

# CON29M

## coal mining report

SITE AT 332260, 356840, BRISTOL



### Known or potential coal mining risks

Past underground coal mining	Page 3
Future underground coal mining	Page 3



### Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit  
[www.groundstability.com](http://www.groundstability.com)



### Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. It is unlikely that these features will impact on the stability of the enquiry boundary.

Your reference: **296712719\_2**  
Our reference: **51003165832001**  
Date: **9 June 2022**

Client name:  
**NLIS Hub**

If you require any further assistance please  
contact our experts on:  
**0345 762 6848**  
[groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk)



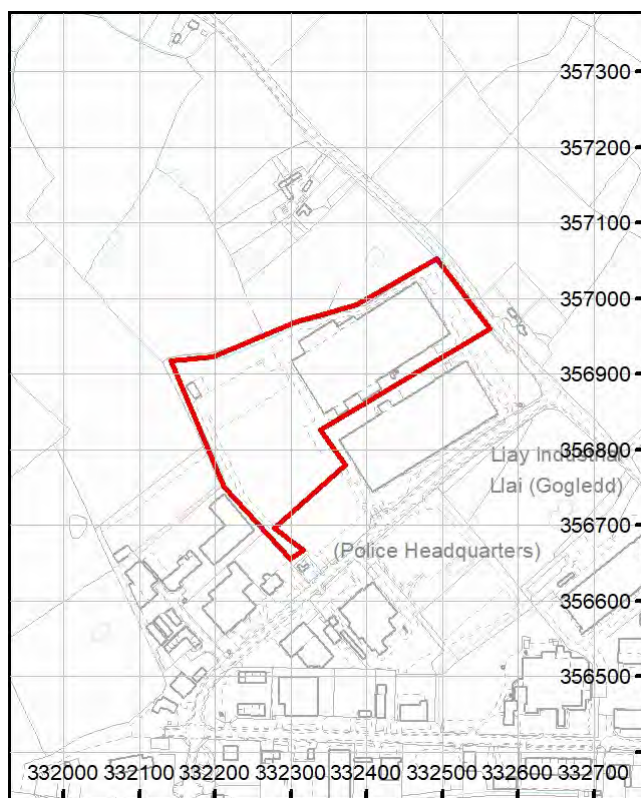
The Law  
Society



# Enquiry boundary

## Key

Approximate position of enquiry boundary shown



We can confirm that the location is  
**on the coalfield**



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This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.



## Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email [communications@coal.gov.uk](mailto:communications@coal.gov.uk).

# Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

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## 1 Past underground coal mining

The property is in a surface area that could be affected by underground mining in 3 seams of coal at 570m to 790m depth, and last worked in 1962.

Any movement in the ground due to coal mining activity associated with these workings should have stopped by now.

## 2 Present underground coal mining

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

## 3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

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

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

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

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

## 4 Mine entries

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

## 5 Coal mining geology

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

## 6 Past opencast coal mining

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

## 7 Present opencast coal mining

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

## 8 Future opencast coal mining

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

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

## 9 Coal mining subsidence

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

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

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

## 10 Mine gas

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

## 11 Hazards related to coal mining

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

## 12 Withdrawal of support

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

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

## 13 Working facilities order

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

## 14 Payments to owners of former copyhold land

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



# Statutory cover



## Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.

[www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form](http://www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form)



## Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **0800 288 4242**. Further information can be found on our website: [www.gov.uk/coalauthority](http://www.gov.uk/coalauthority).

# Glossary



## Key terms

**adit** - horizontal or sloped entrance to a mine

**coal mining subsidence** - ground movement caused by the removal of coal by underground mining

**Coal Mining Subsidence Act 1991** - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

**coal mining subsidence damage** - damage to land, buildings or structures caused by the removal of coal by underground mining

**coal seams** - bed of coal of varying thickness

**future opencast coal mining** - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

**future underground coal mining** - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

**mine entries** - collective name for shafts and adits

**payments to owners of former copyhold land** - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

**shaft** - vertical entry into a mine

**site investigation** - investigations of coal mining risks carried out with the Coal Authority's permission

**stop notice** - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

**subsidence claim** - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

**withdrawal of support** - a historic notice informing landowners that the coal beneath their property was going to be worked

**working facilities orders** - a court order which gave permission, restricted or prevented coal mine workings

## APPENDIX 3

### Site Walkover Photographs

**Site Walkover Photographs:**



1. H-Pack main entrance from Davy Way.



2. Access road from Davy Way.



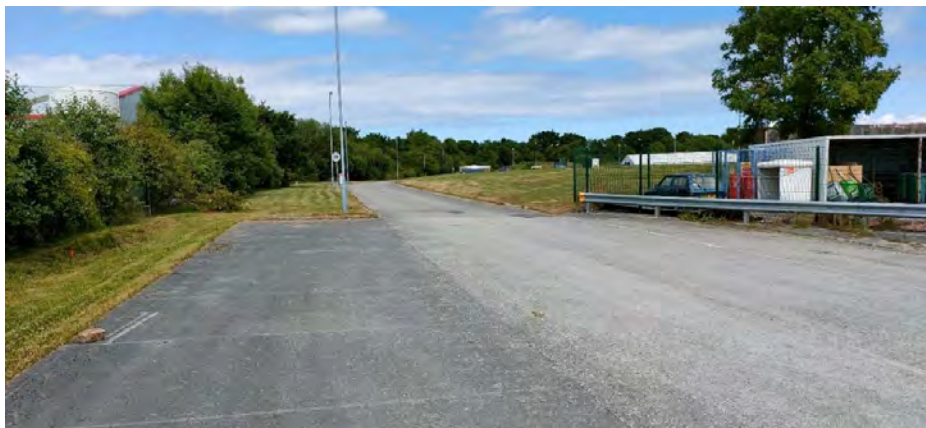
3. Electrical Substation in the southern tip of the Site.



**Site Walkover Photographs:**



4. Further electrical substation units in the southern tip of the Site.



5. Access road between the electrical substation and the main Development Site.



6. Access road from the south to the main Development Site.

**Site Walkover Photographs:**



7. Second entrance gate, electrical substation units to the left.



8. Development Site, view from the north-west towards the south-east.



9. The southern area of Development Site.



**Site Walkover Photographs:**



10. South-eastern Development Site boundary, SHARP carp park behind the fence.



11. Access road to the south-west and the west of the Site.



12. Development Site, view from the south-eastern corner towards the south-west.  
South-eastern boundary to the left.



**Site Walkover Photographs:**



13. View towards the south-eastern corner of the Development Site, SHARP warehouse behind.



14. View from the south-east towards the north-west of Development Site.



15. View from the south-eastern corner towards the north-west of Development Site.



**Site Walkover Photographs:**



16. H-Pack warehouse to the left and SHARP warehouse to the right along the eastern Development Site boundary.



17. The centre of Development Site, currently a football pitch and a “desire” footpath crossing the field. The central part of the football pitch is slightly elevated.



18. Eastern boundary of Development Site, view towards the south and SHARP warehouse to the left.

**Site Walkover Photographs:**



19. Eastern boundary of Development Site, view towards the north and H-pack warehouse to the right.



20. Eastern part of Development Site, football pitch to the left, access road and temporary storage units to the right.



21. Access road east of the Site, view from the football pitch to the east.



**Site Walkover Photographs:**



22. Access road west of the Site, view towards the south.



23. Occasional concrete slabs in the area of the proposed warehouse.



24. Access road between the SHARP and H-PACK warehouses.