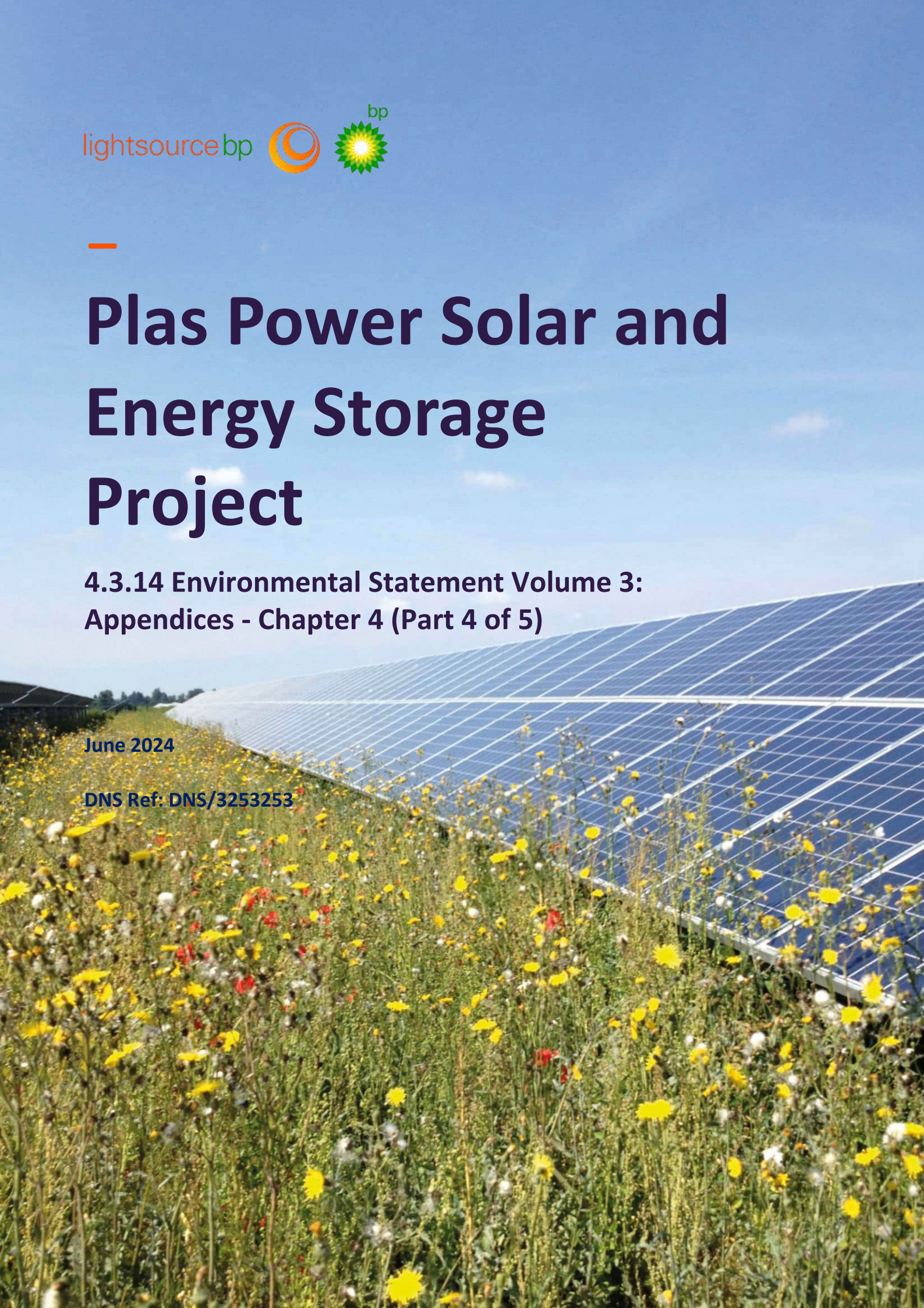


# Plas Power Solar and Energy Storage Project

## 4.3.14 Environmental Statement Volume 3: Appendices - Chapter 4 (Part 4 of 5)

June 2024

DNS Ref: DNS/3253253

# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
291151542_1_1

**Customer Reference:**
JER8537

**National Grid Reference:**
329660, 350680

**Slice:**
C

**Site Area (Ha):**
145.64

**Search Buffer (m):**
1000

## Site Details:

Site at 330330, 350090

## Client Details:

Mr G Chapman
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4SY

# Contents


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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**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| BGS Groundwater Flooding Susceptibility | pg 1 | Yes | Yes | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 10 | 1 | 1 | 5 | 3 |
| Prosecutions Relating to Controlled Waters | | | n/a | n/a | n/a |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | | | | | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | | | | | |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | | Yes | | | |
| Pollution Incidents to Controlled Waters | pg 12 | 1 | | 2 | 2 |
| Prosecutions Relating to Authorised Processes | | | | | |
| Registered Radioactive Substances | | | | | |
| River Quality | pg 13 | 1 | 1 | | |
| River Quality Biology Sampling Points | pg 14 | | | | 1 |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | pg 14 | | | | 1 |
| Water Abstractions | | | | | |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability Map | pg 14 | Yes | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 19 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 19 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 20 | Yes | | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 20 | Yes | | 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 20 | 6 | 8 | 3 | 48 |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 28 | | | | 1 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | | | | | |
| Local Authority Landfill Coverage | pg 28 | 1 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | pg 28 | | | | 1 |
| Registered Landfill Sites | | | | | |
| Registered Waste Transfer Sites | | | | | |
| Registered Waste Treatment or Disposal Sites | | | | | |
| **Hazardous Substances** | | | | | |
| Control of Major Accident Hazards Sites (COMAH) | | | | | |
| Explosive Sites | | | | | |
| Notification of Installations Handling Hazardous Substances (NIHHS) | | | | | |
| Planning Hazardous Substance Consents | | | | | |
| Planning Hazardous Substance Enforcements | | | | | |
| **Geological** | | | | | |
| BGS 1:625,000 Solid Geology | pg 29 | Yes | n/a | n/a | n/a |
| BGS Recorded Mineral Sites | pg 29 | | | | 4 |
| CBSCB Compensation District | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 29 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 29 | Yes | n/a | n/a | n/a |
| Man-Made Mining Cavities | | | | | |
| Natural Cavities | | | | | |
| Non Coal Mining Areas of Great Britain | pg 29 | Yes | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 30 | Yes | Yes | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 30 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 30 | Yes | Yes | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 31 | Yes | | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 31 | Yes | | n/a | n/a |
| Radon Potential - Radon Affected Areas | pg 33 | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | pg 33 | Yes | n/a | n/a | n/a |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 35 | | | | 4 |
| Fuel Station Entries | | | | | |
| Gas Pipelines | | | | | |
| Underground Electrical Cables | | | | | |
| **Sensitive Land Use** | | | | | |
| Ancient Woodland | pg 36 | 13 | 11 | 3 | 6 |
| Areas of Adopted Green Belt | | | | | |
| Areas of Unadopted Green Belt | | | | | |
| Areas of Outstanding Natural Beauty | pg 38 | | | | 1 |
| Environmentally Sensitive Areas | | | | | |
| Forest Parks | | | | | |
| Local Nature Reserves | | | | | |
| Marine Nature Reserves | | | | | |
| National Nature Reserves | | | | | |
| National Parks | | | | | |
| Nitrate Sensitive Areas | | | | | |
| Nitrate Vulnerable Zones | | | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |
| World Heritage Sites | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330050 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330100 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SE) | 0 | 1 | 330200 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330150 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330500 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SW (S) | 0 | 1 | 330000 349800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (E) | 0 | 1 | 330950 350250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SE) | 0 | 1 | 330900 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C7SE (S) | 0 | 1 | 329700 350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C8SE (E) | 0 | 1 | 330400 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330000 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7SE (SE) | 0 | 1 | 329800 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C7SE (S) | 0 | 1 | 329663 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C7SE (E) | 0 | 1 | 329700 350682 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SW (E) | 0 | 1 | 330150 350682 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4NW (SE) | 0 | 1 | 330200 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7SE (SE) | 0 | 1 | 329850 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C4NW (SE) | 0 | 1 | 330200 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4NW (SE) | 0 | 1 | 329950 350250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SW (SE) | 0 | 1 | 329950 350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4NW (SE) | 0 | 1 | 330150 350350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7SE (SE) | 0 | 1 | 329750 350550 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (E) | 0 | 1 | 330000 350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C4NW (SE) | 0 | 1 | 330000 350300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SW (S) | 0 | 1 | 329950 349850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330050 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330100 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 0 | 1 | 329800 350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SW (S) | 0 | 1 | 329900 350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 0 | 1 | 329850 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SE (SE) | 0 | 1 | 330250 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 329950 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330000 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3NE (S) | 0 | 1 | 329663 350300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 0 | 1 | 329663 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330200 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SW (S) | 0 | 1 | 329900 349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C4NW (SE) | 0 | 1 | 330150 350200 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C4NW (SE) | 0 | 1 | 329950 350150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330150 349700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SE (SE) | 0 | 1 | 330300 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SE (E) | 0 | 1 | 330400 350700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330550 349600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SE) | 0 | 1 | 330750<br>349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SW<br>(SE) | 0 | 1 | 329950<br>350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SW<br>(SE) | 0 | 1 | 330150<br>350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SE<br>(SE) | 0 | 1 | 330350<br>350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C4NE<br>(SE) | 0 | 1 | 330250<br>350350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 0 | 1 | 331000<br>350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7SE<br>(S) | 0 | 1 | 329663<br>350682 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C8SW<br>(E) | 0 | 1 | 330200<br>350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SE<br>(E) | 0 | 1 | 330350<br>350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3SE<br>(S) | 0 | 1 | 329850<br>350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SW<br>(S) | 0 | 1 | 329900<br>349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SW<br>(SE) | 0 | 1 | 329950<br>350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4SW<br>(SE) | 0 | 1 | 330000<br>349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C4SE<br>(SE) | 0 | 1 | 330300<br>350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330900<br>349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330150<br>349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330250<br>349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330150<br>349250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 329950<br>349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330000<br>349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SE) | 0 | 1 | 330450<br>349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330550<br>349150 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 331050 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 329950 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330000 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330050 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SE) | 0 | 1 | 330250 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330450 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330650 349500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330700 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330450 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330500 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330600 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SW) | 0 | 1 | 328950 349650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 329850 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330150 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330100 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 0 | 1 | 330600 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 329350 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330000 349500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330300 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 0 | 1 | 330600 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SW (E) | 1 | 1 | 330200 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 2 | 1 | 329900 349150 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 4 | 1 | 330000 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C4NW (SE) | 7 | 1 | 330150 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 13 | 1 | 330250 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SE (E) | 18 | 1 | 330250 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (E) | 19 | 1 | 331050 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 19 | 1 | 330550 349200 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 19 | 1 | 330550 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 24 | 1 | 329800 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C12SW (NE) | 26 | 1 | 330150 351150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (E) | 34 | 1 | 329900 350682 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 34 | 1 | 329900 349250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 37 | 1 | 329800 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (SE) | 39 | 1 | 330050 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SW (E) | 41 | 1 | 330200 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (E) | 47 | 1 | 331100 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 47 | 1 | 329900 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7SE (W) | 49 | 1 | 329650 350682 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 49 | 1 | 329850 349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 53 | 1 | 330600 350700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 65 | 1 | 329850 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C8NW (NE) | 68 | 1 | 330150 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C8SW (E) | 72 | 1 | 330200 350600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 74 | 1 | 331150 350350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 74 | 1 | 330900 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 76 | 1 | 330600 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 82 | 1 | 331100 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 82 | 1 | 331050 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7SE (NE) | 91 | 1 | 329750 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 96 | 1 | 331050 349650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 97 | 1 | 331050 350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 99 | 1 | 330850 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SW (E) | 104 | 1 | 330150 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8SW (E) | 108 | 1 | 329900 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (E) | 123 | 1 | 330000 350682 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (E) | 124 | 1 | 331200 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 127 | 1 | 331100 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (S) | 127 | 1 | 329800 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (E) | 133 | 1 | 329950 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7SE (N) | 141 | 1 | 329663 350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 141 | 1 | 330600 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7SE (NE) | 142 | 1 | 329800 350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 146 | 1 | 329550 350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7SW (W) | 149 | 1 | 329500 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7SW (SW) | 149 | 1 | 329500 350550 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SE) | 150 | 1 | 331100<br>349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (E) | 151 | 1 | 331150<br>350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3NW (S) | 152 | 1 | 329500<br>350250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (NE) | 156 | 1 | 329900<br>350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SE) | 164 | 1 | 331100<br>349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 169 | 1 | 330850<br>350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8SW (E) | 175 | 1 | 330000<br>350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 178 | 1 | 329700<br>349500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NW (NE) | 180 | 1 | 330100<br>350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 185 | 1 | 329550<br>350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 189 | 1 | 329750<br>349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NE (E) | 197 | 1 | 330500<br>350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (E) | 207 | 1 | 331150<br>350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 208 | 1 | 330650<br>350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (E) | 210 | 1 | 330800<br>350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 210 | 1 | 329100<br>349250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NE (E) | 218 | 1 | 330400<br>350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 226 | 1 | 329550<br>350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3SW (S) | 227 | 1 | 329450<br>350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 233 | 1 | 330900<br>350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 237 | 1 | 329700<br>349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 240 | 1 | 329663<br>349250 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7NE (NE) | 242 | 1 | 329800 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8NW (NE) | 243 | 1 | 330000 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SW (S) | 254 | 1 | 329450 350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 260 | 1 | 331100 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SE (S) | 260 | 1 | 329550 349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NW (E) | 264 | 1 | 330100 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 266 | 1 | 330550 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 270 | 1 | 331200 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C3SW (S) | 270 | 1 | 329350 349850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 273 | 1 | 331000 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 285 | 1 | 329663 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8NE (NE) | 287 | 1 | 330450 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SW (S) | 287 | 1 | 329450 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7NE (NE) | 292 | 1 | 329800 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3NW (SW) | 301 | 1 | 329350 350300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NE (NE) | 318 | 1 | 330400 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 319 | 1 | 329600 349650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8NW (NE) | 326 | 1 | 330150 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NE (NE) | 329 | 1 | 330250 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 334 | 1 | 329600 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 338 | 1 | 331050 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 338 | 1 | 329650 349250 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C7NE (N) | 341 | 1 | 329750 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C7NE (NE) | 344 | 1 | 329850 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NW (NE) | 346 | 1 | 330200 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NW (NE) | 352 | 1 | 329900 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 353 | 1 | 330700 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (E) | 356 | 1 | 330600 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 359 | 1 | 329550 349700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (E) | 366 | 1 | 330850 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8NE (NE) | 368 | 1 | 330300 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C8NW (NE) | 368 | 1 | 330000 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 370 | 1 | 329600 349200 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NE (NE) | 372 | 1 | 330450 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C12SE (NE) | 382 | 1 | 330400 351200 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C8NW (NE) | 396 | 1 | 330000 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C8NW (NE) | 401 | 1 | 329900 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (E) | 405 | 1 | 331100 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C8NW (NE) | 411 | 1 | 329950 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (NE) | 420 | 1 | 330600 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3SW (S) | 429 | 1 | 329350 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3SW (S) | 435 | 1 | 329400 349850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C3SW (SW) | 451 | 1 | 329250 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E) | 456 | 1 | 331150 351050 |

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|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 458 | 1 | 329450<br>349250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | C3SW<br>(SW) | 465 | 1 | 329300<br>349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | C11SE<br>(N) | 491 | 1 | 329800<br>351150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | C3SW<br>(SW) | 499 | 1 | 329300<br>349850 |
| 1 | **Discharge Consents**<br>Operator: British Coal Opencast<br>Property Type: Undefined Or Other<br>Location: Wrexham Plas Power Pool Covert Open, Plas Power Pool Covert Opencast, Pool Covert Opencast Coal Site<br>Authority: Natural Resources Wales<br>Catchment Area: River Dee<br>Reference: Cm0003801<br>Permit Version: 1<br>Effective Date: 12th April 1957<br>Issued Date: 12th April 1957<br>Revocation Date: 22nd December 1992<br>Discharge Type: Unspecified<br>Discharge Environment: Not Supplied<br>Receiving Water: Un-Named Stream Entering Gwenf<br>**Status: Consent expired**<br>Positional Accuracy: Located by supplier to within 10m | C4NE<br>(SE) | 0 | 2 | 330500<br>350240 |
| 2 | **Discharge Consents**<br>Operator: Mr Michael Jones<br>Property Type: Domestic Property (Multiple)<br>Location: Foxes Hollow, Ruthin Road, Nr Coedpoeth, Wrexham, N Wales, Ll11 3bp<br>Authority: Natural Resources Wales<br>Catchment Area: Not Supplied<br>Reference: Cg0448601<br>Permit Version: 1<br>Effective Date: 7th December 2006<br>Issued Date: 7th December 2006<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unnamed Watercourse<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | C8SW<br>(E) | 43 | 2 | 329900<br>350672 |
| 3 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Ruthin/Berse Road Coedpoeth<br>Authority: Natural Resources Wales<br>Catchment Area: GWENFRO<br>Reference: Cg0356301<br>Permit Version: 4<br>Effective Date: 31st March 2008<br>Issued Date: 19th February 2008<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Clywedog Tributary<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 10m | C7NW<br>(NW) | 404 | 2 | 329377<br>350898 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 3 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Ruthin/Berse Road Coedpoeth<br>Authority: Natural Resources Wales<br>Catchment Area: GWENFRO<br>Reference: Cg0356301<br>Permit Version: 4<br>Effective Date: 31st March 2008<br>Issued Date: 19th February 2008<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Clywedog Tributary<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 10m | C7NW (NW) | 404 | 2 | 329377 350898 |
| 3 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Ruthin/Berse Road Coedpoeth Cso, Nr Heol Maelor, Coedpoeth, Wrexham, Ll11 3ly<br>Authority: Natural Resources Wales<br>Catchment Area: GWENFRO<br>Reference: Cg0356301<br>Permit Version: 5<br>Effective Date: 21st October 2019<br>Issued Date: 21st October 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Clywedog<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 10m | C7NW (NW) | 405 | 2 | 329377 350899 |
| 4 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Pumping Staions<br>Location: Rhos Berse Road Pumping Station, Coedpoeth, Wrexham, Uk, Ll11 3bt<br>Authority: Natural Resources Wales<br>Catchment Area: CLYWEDOG - ABOVE BLACK BROOK<br>Reference: Cg0412301<br>Permit Version: 1<br>Effective Date: 24th October 2003<br>Issued Date: 24th October 2003<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Un-Named Watercourse<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 10m | C7SW (SW) | 451 | 2 | 329198 350488 |
| 4 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Pumping Staions<br>Location: Rhos Berse Road Pumping Station, Coedpoeth, Wrexham, Uk, Ll11 3bt<br>Authority: Natural Resources Wales<br>Catchment Area: CLYWEDOG - ABOVE BLACK BROOK<br>Reference: Cg0412301<br>Permit Version: 1<br>Effective Date: 24th October 2003<br>Issued Date: 24th October 2003<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Un-Named Watercourse<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 10m | C7SW (SW) | 451 | 2 | 329198 350488 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 5 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Ruthin/Berse Road Coedpoeth<br>Authority: Natural Resources Wales<br>Catchment Area: Not Supplied<br>Reference: Cg0356301<br>Permit Version: 3<br>Effective Date: 31st March 2007<br>Issued Date: 31st March 2007<br>Revocation Date: 30th March 2008<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Clywedog Tributary<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | C7NW (NW) | 511 | 2 | 329260 350930 |
| 5 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Ruthin/Berse Road Coedpoeth<br>Authority: Natural Resources Wales<br>Catchment Area: Not Supplied<br>Reference: Cg0356301<br>Permit Version: 2<br>Effective Date: 31st March 2010<br>Issued Date: 8th March 2005<br>Revocation Date: 30th March 2007<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Clywedog Tributary<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | C7NW (NW) | 511 | 2 | 329260 350930 |
| 5 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Ruthin/Berse Road Coedpoeth<br>Authority: Natural Resources Wales<br>Catchment Area: Not Given<br>Reference: CG0356301<br>Permit Version: 1<br>Effective Date: 21st July 1994<br>Issued Date: 21st July 1994<br>Revocation Date: 30th March 2010<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Clywedog Tributary<br>**Status: New Consent, by Application (Water Resources Act 1991, Section 88)**<br>Positional Accuracy: Located by supplier to within 100m | C7NW (NW) | 511 | 2 | 329260 350930 |
| | **Nearest Surface Water Feature** | C4SW (S) | 0 | - | 329898 350094 |
| 6 | **Pollution Incidents to Controlled Waters**<br>Property Type: Not Given<br>Location: Plas Power Farm, RUTHIN<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Agricultural: Silage Liquor<br>Note: Not Supplied<br>Incident Date: 18th July 1995<br>Incident Reference: 25050<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | C8SE (E) | 0 | 3 | 330400 350700 |

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| 7 | **Pollution Incidents to Controlled Waters**<br>Property Type: Not Given<br>Location: Bottom Of Coedpeoth Hill On A525<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Mud/Clay/Soil<br>Note: Blocked Sewer<br>Incident Date: 3rd April 1996<br>Incident Reference: 27803<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Overflow<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | C7NW (NW) | 332 | 3 | 329500 350895 |
| 7 | **Pollution Incidents to Controlled Waters**<br>Property Type: Council Premises<br>Location: Bottom Of, Coedpeoth Hill, A525<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Mud/Clay/Soil<br>Note: Blocked Sewer<br>Incident Date: 3rd April 1996<br>Incident Reference: 27803<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Overflow<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | C7NW (NW) | 336 | 3 | 329500 350900 |
| 8 | **Pollution Incidents to Controlled Waters**<br>Property Type: Not Given<br>Location: Ponds, SOUTHSEA<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Sewage - Treated Effluent<br>Note: Not Supplied<br>Incident Date: 17th July 1995<br>Incident Reference: 25332<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | C12SE (NE) | 555 | 3 | 330480 351280 |
| 9 | **Pollution Incidents to Controlled Waters**<br>Property Type: Not Given<br>Location: Lay-By, Coed Y Graig, WREXHAM<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Miscellaneous - Fire water / Foam<br>Note: Accidental Spillage/Leakage<br>Incident Date: 7th July 1996<br>Incident Reference: 29137<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Spillage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | C6NW (W) | 939 | 3 | 328800 351000 |
| | **River Quality**<br>Name: Clywedog<br>GQA Grade: River Quality A<br>Reach: Conf.Black Bk.Erddig Pk-Conf.Trib.<br>Estimated Distance (km): 5.3<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | C2SE (SW) | 0 | 3 | 329172 349959 |
| | **River Quality**<br>Name: Gwenfro<br>GQA Grade: River Quality B<br>Reach: Hospital - Conf. Trib. Nr. South Sea<br>Estimated Distance (km): 3.2<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | C12SE (NE) | 191 | 3 | 330500 351313 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 10 | **River Quality Biology Sampling Points**<br>Name: Clywedog (Dee)<br>Reach: Confluence Black Brook Erddig Pk To Confluence Tributary<br>Estimated Distance: 5.30<br>Positional Accuracy: Located by supplier to within 100m<br>Year: 1990<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 1995<br>GQA Grade: River Quality Biology GQA Grade C - Fairly Good<br>Year: 2000<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2002<br>GQA Grade: River Quality Biology GQA Grade Not Supplied<br>Year: 2003<br>GQA Grade: River Quality Biology GQA Grade Not Supplied<br>Year: 2004<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2005<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2006<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2007<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2008<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2009<br>GQA Grade: River Quality Biology GQA Grade B - Good | C2NW (SW) | 852 | 3 | 328800 350200 |
| 11 | **Substantiated Pollution Incident Register**<br>Authority: Natural Resources Wales<br>Incident Date: 27th January 2021<br>Incident Reference: 2100792<br>Water Impact: Category 2 - Significant Incident<br>Air Impact: Category 4 - No Impact<br>Land Impact: Category 4 - No Impact<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Contaminated Water: Minewater | C2NW (SW) | 863 | 2 | 328789 350197 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | C7SE (S) | 0 | 2 | 329663 350682 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | C8SW (E) | 0 | 2 | 330000 350682 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | C8SE (E) | 0 | 2 | 330271 350483 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (S) | 0 | 2 | 330000 349539 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SE) | 0 | 2 | 330927 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | (S) | 0 | 2 | 329284 349421 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | C3SE (S) | 0 | 2 | 329663 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SE) | 0 | 2 | 330453 349294 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (S) | 0 | 2 | 330066 349421 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | C4SW (SE) | 0 | 2 | 330000 350000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | C4SW (SE) | 0 | 2 | 330037 349821 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | C8SW (E) | 0 | 2 | 330148 350682 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: High | (E) | 0 | 2 | 331000 350682 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | C4SW (SE) | 0 | 2 | 330141 350017 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | C4NE (SE) | 0 | 2 | 330231 350190 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | C4SE (SE) | 0 | 2 | 330410 350031 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | C3SW (SW) | 0 | 2 | 329200 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (S) | 0 | 2 | 330000 349488 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | C4SW (SE) | 0 | 2 | 330123 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | C4SE (SE) | 0 | 2 | 330405 350000 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C3SE (S) | 0 | 2 | 329663 350000 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C8SW (E) | 0 | 2 | 330000 350682 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C7SE (S) | 0 | 2 | 329663 350682 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C4SW (SE) | 0 | 2 | 330000 350000 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C8SE (E) | 0 | 2 | 330271 350483 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C8NW (NE) | 0 | 2 | 330000 351024 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | C8SW (E) | 0 | 2 | 330000 350682 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | C4SW (SE) | 0 | 2 | 330000 350000 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (S) | 0 | 2 | 330066 349421 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | C7SE (S) | 0 | 2 | 329663 350682 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | C4SW (SE) | 0 | 2 | 330037 349821 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | (S) | 0 | 2 | 330000 349539 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (SE) | 0 | 2 | 330453 349294 |

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| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | C3SE (S) | 0 | 2 | 329663 350000 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | C2SE (SW) | 0 | 2 | 329084 349944 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | C2SE (SW) | 0 | 2 | 329130 350005 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | C2SE (SW) | 0 | 2 | 329140 349995 |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |
| 12 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C4NE (SE) | 0 | 4 | 330443 350224 |
| 13 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 77.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C4NE (SE) | 0 | 4 | 330447 350226 |
| 14 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 94.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C4NE (E) | 0 | 4 | 330481 350352 |
| 15 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 66.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C4SW (S) | 0 | 4 | 329898 350094 |
| 16 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 504.2<br>Watercourse Level: Not Supplied<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C8SW (E) | 0 | 4 | 330130 350508 |
| 17 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 151.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C4NE (SE) | 0 | 4 | 330304 350165 |

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| 18 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C4SW (S) | 1 | 4 | 329893 350094 |
| 19 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 385.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C8SW (E) | 41 | 4 | 329902 350676 |
| 20 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 345.4<br>Watercourse Level: Not Supplied<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C7SE (N) | 53 | 4 | 329698 350771 |
| 21 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 391.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C3NW (SW) | 111 | 4 | 329389 350411 |
| 22 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 244.3<br>Watercourse Level: Not Supplied<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C3SE (S) | 140 | 4 | 329589 350080 |
| 23 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 250.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C8NE (E) | 155 | 4 | 330511 350838 |
| 24 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 321.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C3SE (S) | 210 | 4 | 329643 349842 |
| 25 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 225.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C7NE (NW) | 228 | 4 | 329581 350817 |
| 26 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 197.7<br>Watercourse Level: Not Supplied<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C3NW (SW) | 263 | 4 | 329387 350412 |

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|---|---|---|---|---|---|
| 27 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 190.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C7SW (SW) | 446 | 4 | 329203 350485 |
| 28 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 586.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Clywedog<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 470 | 4 | 329119 349995 |
| 29 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 235.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 551 | 4 | 330347 351286 |
| 30 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 25.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 2 | C12SE (NE) | 555 | 4 | 330322 351288 |
| 31 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 19.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 555 | 4 | 330347 351286 |
| 32 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 159.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 559 | 4 | 330263 351311 |
| 33 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 10.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 559 | 4 | 330322 351288 |
| 34 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 38.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 567 | 4 | 330329 351296 |
| 35 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 630.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 583 | 4 | 330473 351373 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 36 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C6SE (W) | 623 | 4 | 329026 350551 |
| 37 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 78.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C6SE (W) | 628 | 4 | 329022 350553 |
| 38 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 74.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 642 | 4 | 329009 350247 |
| 39 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 7.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 642 | 4 | 329009 350254 |
| 40 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 557.6<br>Watercourse Level: Not Supplied<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SW (NE) | 657 | 4 | 329961 351299 |
| 41 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 668 | 4 | 328980 350172 |
| 42 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 13.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 668 | 4 | 328984 350166 |
| 43 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 669 | 4 | 328983 350179 |
| 44 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 268.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Clywedog<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 670 | 4 | 329001 350047 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 45 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 128.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 670 | 4 | 328964 350103 |
| 46 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 105.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 672 | 4 | 328981 350154 |
| 47 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 676 | 4 | 330219 351387 |
| 48 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 36.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 676 | 4 | 330219 351387 |
| 49 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 678 | 4 | 330220 351390 |
| 50 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 7.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C12SE (NE) | 678 | 4 | 330220 351390 |
| 51 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C6SE (W) | 698 | 4 | 328951 350585 |
| 52 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 30.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C6SE (W) | 702 | 4 | 328947 350587 |
| 53 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 5.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C6SE (W) | 727 | 4 | 328922 350600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 54 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 27.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 745 | 4 | 328910 350129 |
| 55 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 37.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11SW (N) | 745 | 4 | 329468 351336 |
| 56 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 772 | 4 | 328883 350133 |
| 57 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 156.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 773 | 4 | 328882 350133 |
| 58 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 773 | 4 | 328882 350133 |
| 59 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NE (SW) | 776 | 4 | 328879 350133 |
| 60 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11SW (N) | 777 | 4 | 329471 351373 |
| 61 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 85.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11SW (N) | 782 | 4 | 329472 351378 |
| 62 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.2<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 783 | 4 | 328872 350128 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 63 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 785 | 4 | 328871 350125 |
| 64 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 6.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 787 | 4 | 328869 350122 |
| 65 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2SE (SW) | 787 | 4 | 328869 350123 |
| 66 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 230.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11SE (N) | 791 | 4 | 329711 351447 |
| 67 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 120.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11SE (N) | 807 | 4 | 329586 351442 |
| 68 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11SW (N) | 825 | 4 | 329522 351442 |
| 69 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 162.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11NE (N) | 852 | 4 | 329580 351488 |
| 70 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 14.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NW (SW) | 864 | 4 | 328788 350176 |
| 71 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 315.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Clywedog<br>Catchment Name: Dee<br>Primacy: 1 | C2NW (SW) | 864 | 4 | 328788 350176 |

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| 72 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 577.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C2NW (SW) | 877 | 4 | 328776 350170 |
| 73 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 13.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11NW (N) | 922 | 4 | 329426 351510 |
| 74 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 102.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11NW (N) | 931 | 4 | 329413 351514 |
| 75 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11NW (NW) | 963 | 4 | 329312 351501 |
| 76 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 73.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | C11NW (NW) | 964 | 4 | 329308 351501 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 77 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Coedpoeth<br>Name: Rhosberse - Pengelli Avenue<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14132<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Deposited Waste included Industrial and Household Waste<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 6955/0070<br>BGS Ref: Not Supplied<br>Other Ref: Not Supplied | C6SW (W) | 848 | 2 | 328825 350797 |
| | **Local Authority Landfill Coverage**<br>Name: Wrexham County Borough Council - Has supplied landfill data | | 0 | 5 | 329663 350682 |
| 78 | **Local Authority Recorded Landfill Sites**<br>Location: Rhosberse/Pengelli Avenue, Coedpoeth, Wrexham<br>Reference: 6955/0070<br>Authority: Wrexham County Borough Council<br>**Last Reported Status: Closed**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Good | C6SE (W) | 766 | 5 | 328892 350717 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS 1:625,000 Solid Geology**<br>Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated) | C7SE (S) | 0 | 1 | 329663 350682 |
| 79 | **BGS Recorded Mineral Sites**<br>Site Name: Minera Stone Quarry<br>Location: Adwy'R Clawdd, Coedpoth, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 15647<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Individual'S Name Withheld<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | C6SW (W) | 836 | 1 | 328835 350790 |
| 80 | **BGS Recorded Mineral Sites**<br>Site Name: Rhos-Berse<br>Location: The Nant, Coedpoth, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 15648<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | C2NW (W) | 901 | 1 | 328750 350367 |
| 81 | **BGS Recorded Mineral Sites**<br>Site Name: Minera Stone Quarry<br>Location: Adw'R Clawdd, Coedpath, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 197832<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Individual'S Name Withheld<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Cefn Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | C6SW (W) | 945 | 1 | 328720 350770 |
| 82 | **BGS Recorded Mineral Sites**<br>Site Name: Pen-Y-Gelli Shaft<br>Location: Coedpoeth, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 198582<br>Type: Underground<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | C6NW (W) | 995 | 1 | 328696 350885 |
| | **Coal Mining Affected Areas**<br>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. | C7SE (S) | 0 | 6 | 329663 350682 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | C7SE (S) | 0 | - | 329663 350682 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |

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| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (SE) | 0 | 1 | 329664 350681 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C12SW (NE) | 197 | 1 | 330117 351193 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C12NE (NE) | 243 | 1 | 330392 351546 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C12SE (NE) | 13 | 1 | 330491 351366 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C12NE (NE) | 243 | 1 | 330446 351532 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (E) | 0 | 1 | 329806 350636 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C4NW (SE) | 0 | 1 | 329951 350286 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C4NW (SE) | 0 | 1 | 330000 350215 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SW (SW) | 0 | 1 | 329280 349969 |

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| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SW (SW) | 0 | 1 | 329200 350000 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 23 | 1 | 329788 350000 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C4NW (SE) | 36 | 1 | 330098 350393 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 130 | 1 | 330082 350615 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4NE (SE) | 0 | 1 | 330231 350190 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SE (SE) | 0 | 1 | 330410 350031 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SE (SE) | 0 | 1 | 330405 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C3SW (SW) | 0 | 1 | 329200 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330141 350017 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330123 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C2SE (SW) | 0 | 1 | 329084 349944 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (NW) | 193 | 1 | 329596 350784 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329663 350000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350000 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350682 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C8NW (NE) | 0 | 1 | 330000 351024 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4NE (E) | 0 | 1 | 330268 350468 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330199 349972 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330141 350017 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330123 350000 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SE (SE) | 0 | 1 | 330410 350031 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C4SE (SE) | 0 | 1 | 330405 350000 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (NW) | 193 | 1 | 329596 350784 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330200 350526 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350726 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C8NW (NE) | 0 | 1 | 330000 350951 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (S) | 0 | 1 | 329975 349876 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4SE (SE) | 0 | 1 | 330475 350001 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329750 350076 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350076 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329700 350001 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350001 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4NW (SE) | 0 | 1 | 329975 350376 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330150 349901 |
| | **Radon Potential - Radon Affected Areas**<br>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).<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (SE) | 0 | 1 | 329825 350501 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 349901 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329625 350001 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330200 350526 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C8SW (E) | 0 | 1 | 330000 350726 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C8NW (NE) | 0 | 1 | 330000 350951 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (S) | 0 | 1 | 329975 349876 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4SE (SE) | 0 | 1 | 330475 350001 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329750 350076 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350076 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329700 350001 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 350001 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4NW (SE) | 0 | 1 | 329975 350376 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330150 349901 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (SE) | 0 | 1 | 329825 350501 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C4SW (SE) | 0 | 1 | 330000 349901 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C7SE (S) | 0 | 1 | 329663 350682 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | C3SE (S) | 0 | 1 | 329625 350001 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 83 | **Contemporary Trade Directory Entries**<br>Name: Scrubs Wrexham Oven Cleaner In Wrexham<br>Location: 32, Bracken Court, Coedpoeth, Wrexham, LL11 3NJ<br>Classification: Oven cleaning<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | C6NE (NW) | 607 | - | 329157 350955 |
| 84 | **Contemporary Trade Directory Entries**<br>Name: C C Jones<br>Location: 5, Poplar Close, Coedpoeth, Wrexham, Clwyd, LL11 3LZ<br>Classification: Coal & Smokeless Fuel Merchants & Distributors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | C6NE (W) | 800 | - | 328931 350953 |
| 85 | **Contemporary Trade Directory Entries**<br>Name: Williams Garage<br>Location: Post Office Garage, Southsea Road, Southsea, Wrexham, LL11 6PP<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | C12NE (NE) | 849 | - | 330538 351569 |
| 85 | **Contemporary Trade Directory Entries**<br>Name: A & M Motors<br>Location: Post Office Garage, Southsea Road, Southsea, Wrexham, Clwyd, LL11 6PP<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | C12NE (NE) | 849 | - | 330538 351569 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 86 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 44697<br>Area(m²): 18598.4<br>Type: Plantation on Ancient Woodland | (S) | 0 | 2 | 329937<br>349592 |
| 87 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 28401<br>Area(m²): 11927.41<br>Type: Ancient and Semi-Natural Woodland | (SE) | 0 | 2 | 330139<br>349586 |
| 88 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 28402<br>Area(m²): 25384.63<br>Type: Ancient and Semi-Natural Woodland | (S) | 0 | 2 | 329818<br>349560 |
| 89 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31892<br>Area(m²): 3689.65<br>Type: Ancient and Semi-Natural Woodland | (SE) | 0 | 2 | 330441<br>349153 |
| 90 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31893<br>Area(m²): 3423.04<br>Type: Ancient and Semi-Natural Woodland | (SE) | 0 | 2 | 330446<br>349314 |
| 91 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31894<br>Area(m²): 5298.12<br>Type: Ancient and Semi-Natural Woodland | (SE) | 0 | 2 | 330535<br>349360 |
| 92 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31895<br>Area(m²): 32563.69<br>Type: Ancient and Semi-Natural Woodland | C3SE<br>(S) | 0 | 2 | 329725<br>349971 |
| 93 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36800<br>Area(m²): 6187.18<br>Type: Restored Ancient Woodland Site | (E) | 0 | 2 | 330923<br>350570 |
| 94 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36795<br>Area(m²): 10124.28<br>Type: Restored Ancient Woodland Site | (S) | 0 | 2 | 330110<br>349591 |
| 95 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 47040<br>Area(m²): 25982.54<br>Type: Plantation on Ancient Woodland | C4NE<br>(SE) | 0 | 2 | 330382<br>350286 |
| 96 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 47041<br>Area(m²): 30794.46<br>Type: Plantation on Ancient Woodland | C8SW<br>(SE) | 0 | 2 | 329875<br>350484 |
| 97 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29691<br>Area(m²): 23810.49<br>Type: Restored Ancient Woodland Site | (SE) | 0 | 2 | 330204<br>349459 |
| 98 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36799<br>Area(m²): 5763.65<br>Type: Restored Ancient Woodland Site | C4NW<br>(SE) | 0 | 2 | 329953<br>350386 |
| 99 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36799<br>Area(m²): 16577.14<br>Type: Restored Ancient Woodland Site | C8SW<br>(SE) | 14 | 2 | 329936<br>350530 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 100 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36802<br>Area(m²): 26912.79<br>Type: Restored Ancient Woodland Site | C7SE (E) | 16 | 2 | 329669 350681 |
| 101 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 37165<br>Area(m²): 14030.91<br>Type: Restored Ancient Woodland Site | (SE) | 35 | 2 | 331066 349449 |
| 102 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29695<br>Area(m²): 7424.77<br>Type: Ancient and Semi-Natural Woodland | C3SE (S) | 93 | 2 | 329737 349820 |
| 103 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36801<br>Area(m²): 10494.97<br>Type: Restored Ancient Woodland Site | C8SW (E) | 112 | 2 | 329970 350701 |
| 104 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36797<br>Area(m²): 18121.59<br>Type: Restored Ancient Woodland Site | C3SE (S) | 122 | 2 | 329686 349968 |
| 105 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 44697<br>Area(m²): 2253.19<br>Type: Plantation on Ancient Woodland | (S) | 129 | 2 | 329810 349499 |
| 106 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 33409<br>Area(m²): 11674.4<br>Type: Ancient and Semi-Natural Woodland | (SE) | 144 | 2 | 331015 349116 |
| 107 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29694<br>Area(m²): 16608.75<br>Type: Restored Ancient Woodland Site | (S) | 211 | 2 | 329650 349784 |
| 108 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 27370<br>Area(m²): 12198.45<br>Type: Ancient and Semi-Natural Woodland | (S) | 216 | 2 | 329632 349563 |
| 109 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 45171<br>Area(m²): 36368.75<br>Type: Plantation on Ancient Woodland | C3SW (S) | 220 | 2 | 329423 349852 |
| 110 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 44057<br>Area(m²): 8750.89<br>Type: Plantation on Ancient Woodland | (S) | 355 | 2 | 329434 349749 |
| 111 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36798<br>Area(m²): 26428.57<br>Type: Restored Ancient Woodland Site | C3SW (SW) | 416 | 2 | 329253 350084 |
| 112 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29694<br>Area(m²): 28156.11<br>Type: Restored Ancient Woodland Site | C3SW (SW) | 417 | 2 | 329254 349986 |
| 113 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29693<br>Area(m²): 27707.99<br>Type: Restored Ancient Woodland Site | C2SE (SW) | 584 | 2 | 329186 349835 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 114 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31896<br>Area(m²): 18382.66<br>Type: Ancient and Semi-Natural Woodland | C2SE (SW) | 591 | 2 | 329090 350019 |
| 115 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36796<br>Area(m²): 2560.91<br>Type: Restored Ancient Woodland Site | (SW) | 636 | 2 | 329167 349689 |
| 116 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29692<br>Area(m²): 23390.88<br>Type: Restored Ancient Woodland Site | (SW) | 645 | 2 | 329161 349688 |
| 117 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 33421<br>Area(m²): 2522.01<br>Type: Ancient and Semi-Natural Woodland | C2SW (SW) | 876 | 2 | 328778 350131 |
| 118 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 33422<br>Area(m²): 41152.25<br>Type: Ancient and Semi-Natural Woodland | C2NW (SW) | 964 | 2 | 328687 350203 |
| 119 | **Areas of Outstanding Natural Beauty**<br>Name: Bryniau Clwyd A Dyffryn Dyfrdwy/Clwydian Range And Dee Valley<br>Multiple Areas: N<br>Total Area (m2): 389277308.58<br>Designation Date: 22nd November 2011<br>Source: Natural Resources Wales | C1NW (W) | 768 | 2 | 327944 350213 |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| Natural Resources Wales | June 2020 | Annually |
| Flintshire Council - Environmental Health Department | October 2017 | Annual Rolling Update |
| Wrexham County Borough Council - Public Protection Department | October 2017 | Annually |
| Denbighshire County Council - Public Protection Department | September 2017 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - Welsh Region | August 2014 | Quarterly |
| Natural Resources Wales | January 2022 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - Welsh Region | March 2013 | |
| **Integrated Pollution Controls** | | |
| Environment Agency - Welsh Region | January 2009 | |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - Welsh Region | January 2021 | Quarterly |
| Natural Resources Wales | January 2022 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| Wrexham County Borough Council - Environmental Health Department | April 2014 | Variable |
| Flintshire Council - Environmental Health Department | April 2016 | Variable |
| Denbighshire County Council - Environmental Health Department | December 2014 | Variable |
| **Local Authority Pollution Prevention and Controls** | | |
| Wrexham County Borough Council - Environmental Health Department | April 2014 | Annual Rolling Update |
| Flintshire Council - Environmental Health Department | April 2016 | Annual Rolling Update |
| Denbighshire County Council - Environmental Health Department | December 2014 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| Wrexham County Borough Council - Environmental Health Department | April 2014 | Variable |
| Flintshire Council - Environmental Health Department | April 2016 | Variable |
| Denbighshire County Council - Environmental Health Department | December 2014 | Variable |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | November 2021 | |
| **Pollution Incidents to Controlled Waters** | | |
| Environment Agency - Welsh Region | December 1998 | |
| **Prosecutions Relating to Authorised Processes** | | |
| Environment Agency - Welsh Region | July 2015 | |
| Natural Resources Wales | July 2015 | |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - Welsh Region | March 2013 | |
| Natural Resources Wales | March 2013 | |
| **Registered Radioactive Substances** | | |
| Natural Resources Wales | January 2015 | |
| Environment Agency - Welsh Region | June 2016 | As notified |
| **River Quality** | | |
| Environment Agency - Head Office | November 2001 | Not Applicable |
| **River Quality Biology Sampling Points** | | |
| Environment Agency - Head Office | April 2012 | Annually |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency Wales - North Area | January 2021 | Quarterly |
| Natural Resources Wales | January 2022 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - Welsh Region | January 2022 | Quarterly |
| Natural Resources Wales | November 2021 | Quarterly |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Water Industry Act Referrals**<br>Natural Resources Wales<br>Environment Agency - Welsh Region | <br>January 2022<br>October 2017 | <br>Quarterly |
| **Groundwater Vulnerability Map**<br>Natural Resources Wales | <br>June 2018 | <br>As notified |
| **Bedrock Aquifer Designations**<br>Natural Resources Wales | <br>January 2018 | <br>Annually |
| **Superficial Aquifer Designations**<br>Natural Resources Wales | <br>January 2018 | <br>Annually |
| **Source Protection Zones**<br>Natural Resources Wales | <br>July 2017 | <br>Annual Rolling Update |
| **Extreme Flooding from Rivers or Sea without Defences**<br>Natural Resources Wales | <br>September 2020 | <br>Quarterly |
| **Flooding from Rivers or Sea without Defences**<br>Natural Resources Wales | <br>September 2020 | <br>Quarterly |
| **Areas Benefiting from Flood Defences**<br>Natural Resources Wales | <br>November 2019 | <br>Quarterly |
| **Flood Water Storage Areas**<br>Natural Resources Wales | <br>August 2019 | <br>Quarterly |
| **Flood Defences**<br>Natural Resources Wales | <br>November 2019 | <br>Quarterly |
| **OS Water Network Lines**<br>Ordnance Survey | <br>October 2021 | <br>Quarterly |
| **BGS Groundwater Flooding Susceptibility**<br>British Geological Survey - National Geoscience Information Service | <br>May 2013 | <br>Annually |

| Waste | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | November 2002 | Not Applicable |
| **Historical Landfill Sites** | | |
| Natural Resources Wales | July 2019 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - Welsh Region | January 2009 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency Wales - North Area | October 2021 | Quarterly |
| Natural Resources Wales | October 2021 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Natural Resources Wales | April 2021 | Quarterly |
| Environment Agency Wales - North Area | July 2021 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Denbighshire County Council - Environmental Health Department | February 2003 | Not Applicable |
| Flintshire Council - Environmental Health Department | February 2003 | Not Applicable |
| Wrexham County Borough Council | February 2003 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Denbighshire County Council - Environmental Health Department | October 2018 | |
| Flintshire Council - Environmental Health Department | October 2018 | |
| Wrexham County Borough Council | October 2018 | |
| **Registered Landfill Sites** | | |
| Environment Agency Wales - North Area | March 2006 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency Wales - North Area | April 2018 | |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency Wales - North Area | June 2015 | |
| **Hazardous Substances** | **Version** | **Update Cycle** |
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | January 2022 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | March 2017 | Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | August 2001 | |
| **Planning Hazardous Substance Enforcements** | | |
| Denbighshire County Council - Planning Department | February 2016 | Variable |
| Wrexham County Borough Council - Planning Department | February 2016 | Variable |
| Flintshire Council | January 2016 | Variable |
| **Planning Hazardous Substance Consents** | | |
| Denbighshire County Council - Planning Department | February 2016 | Variable |
| Wrexham County Borough Council - Planning Department | February 2016 | Variable |
| Flintshire Council | January 2016 | Variable |

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | January 2009 | Not Applicable |
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | November 2021 | Bi-Annually |
| **CBSCB Compensation District**<br>Cheshire Brine Subsidence Compensation Board (CBSCB)<br>Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011<br>November 2020 | As notified |
| **Coal Mining Affected Areas**<br>The Coal Authority - Property Searches | March 2014 | Annual Rolling Update |
| **Mining Instability**<br>Ove Arup & Partners | June 1998 | Not Applicable |
| **Non Coal Mining Areas of Great Britain**<br>British Geological Survey - National Geoscience Information Service | May 2015 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | April 2020 | As notified |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | July 2011 | Annually |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | July 2011 | Annually |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries**<br>Thomson Directories | January 2022 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - Experian | November 2021 | Quarterly |
| **Gas Pipelines**<br>National Grid | October 2021 | Bi-Annually |
| **Underground Electrical Cables**<br>National Grid | May 2021 | Bi-Annually |

| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Ancient Woodland** | | |
| Natural Resources Wales | September 2018 | Bi-Annually |
| **Areas of Adopted Green Belt** | | |
| Denbighshire County Council | October 2020 | Quarterly |
| Flintshire Council | October 2020 | Quarterly |
| Wrexham County Borough Council | October 2020 | Quarterly |
| **Areas of Unadopted Green Belt** | | |
| Denbighshire County Council | October 2020 | Quarterly |
| Flintshire Council | October 2020 | Quarterly |
| Wrexham County Borough Council | October 2020 | Quarterly |
| **Areas of Outstanding Natural Beauty** | | |
| Natural Resources Wales | June 2019 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| The National Assembly for Wales - GI Services (Department of Planning & Countryside) | January 2017 | |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Denbighshire County Council | August 2018 | Bi-Annually |
| Flintshire Council | August 2018 | Bi-Annually |
| Wrexham County Borough Council | August 2018 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural Resources Wales | August 2018 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural Resources Wales | July 2019 | Bi-Annually |
| **National Parks** | | |
| Natural Resources Wales | February 2018 | Annually |
| **Nitrate Vulnerable Zones** | | |
| The National Assembly for Wales - GI Services (Department of Planning & Countryside) | April 2016 | |
| Natural Resources Wales | July 2019 | Bi-Annually |
| **Ramsar Sites** | | |
| Natural Resources Wales | July 2019 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural Resources Wales | March 2020 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural Resources Wales | August 2020 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural Resources Wales | August 2018 | Bi-Annually |

# Data Suppliers

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** | |
| **Centre for Ecology and Hydrology** | |
| **Natural Resources Wales** | |
| **Scottish Natural Heritage** | |
| **Natural England** | |
| **Public Health England** | |
| **Ove Arup** | |
| **Stantec UK Ltd** | |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 2 | **Natural Resources Wales**<br>Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP | Telephone: 0300 065 3000<br>Email: enquiries@naturalresourceswales.gov.uk |
| 3 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 4 | **Ordnance Survey**<br>Adanac Drive, Southampton, Hampshire, SO16 0AS | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk |
| 5 | **Wrexham County Borough Council**<br>Lampet Street, Guildhall, Wrexham, Clwyd, LL11 1WL | Telephone: 01978 292000<br>Fax: 01978 292502<br>Website: www.wrexham.gov.uk |
| 6 | **The Coal Authority - Property Searches**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: groundstability@coal.gov.uk<br>Website: www2.groundstability.com |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Pole
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

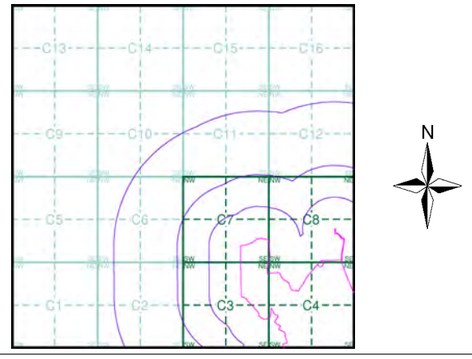
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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)
BM 123.45 m 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

rps

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:10,560 | 1879 | 2 |
| Flintshire | 1:10,560 | 1900 | 3 |
| Denbighshire | 1:10,560 | 1900 | 4 |
| Denbighshire | 1:10,560 | 1914 - 1915 | 5 |
| Denbighshire | 1:10,560 | 1938 | 6 |
| Denbighshire | 1:10,560 | 1938 - 1954 | 7 |
| Denbighshire | 1:10,560 | 1954 | 8 |
| Ordnance Survey Plan | 1:10,000 | 1963 - 1964 | 9 |
| Ordnance Survey Plan | 1:10,000 | 1974 - 1979 | 10 |
| Ordnance Survey Plan | 1:10,000 | 1981 - 1987 | 11 |
| Ordnance Survey Plan | 1:10,000 | 1988 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1990 - 1993 | 13 |
| Ordnance Survey Plan | 1:10,000 | 1992 | 14 |
| 10K Raster Mapping | 1:10,000 | 2000 | 15 |
| Street View | Variable | | 16 |

## Historical Map - Slice C



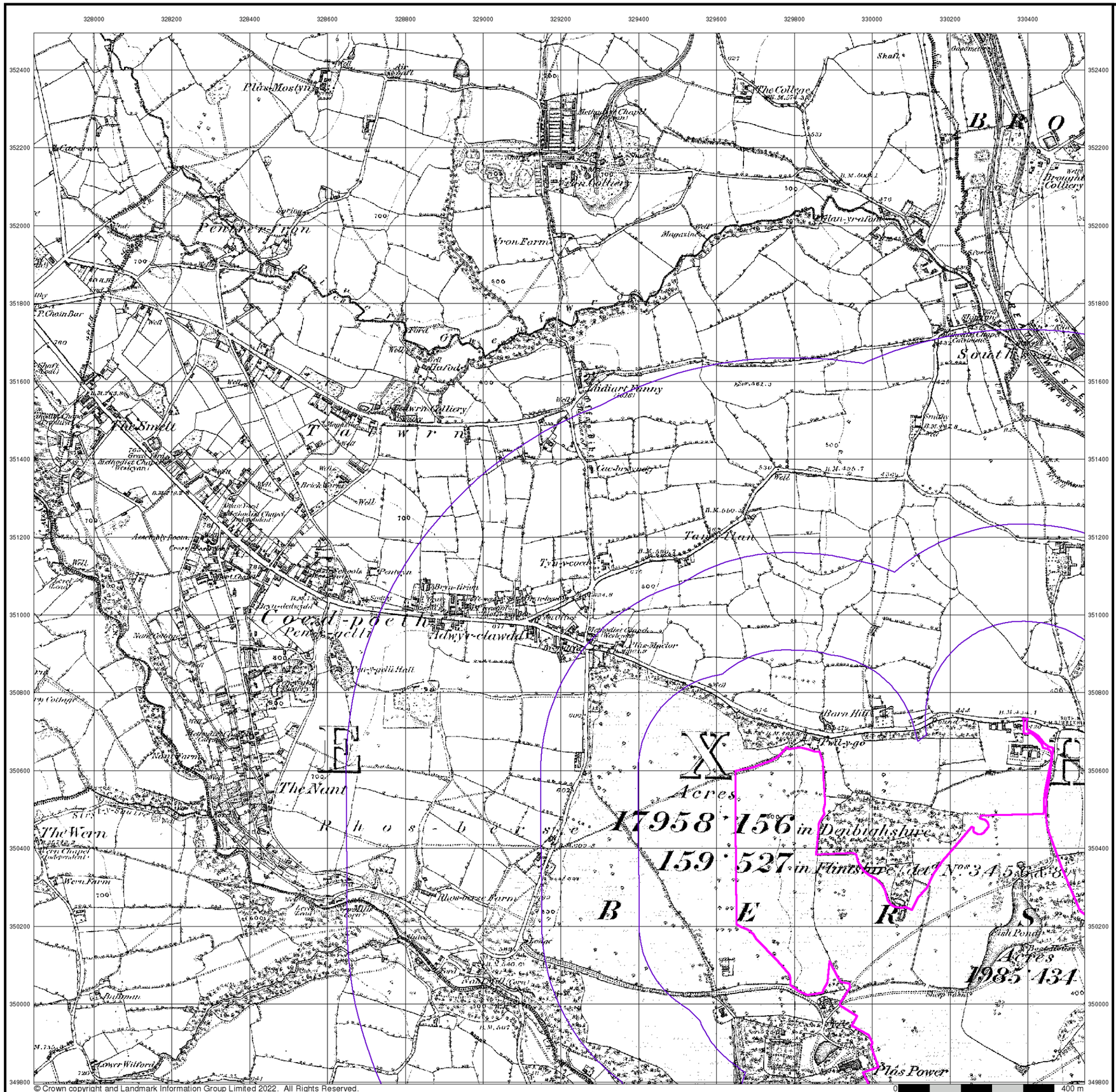

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 329660, 350680
Slice: C
Site Area (Ha): 145.64
Search Buffer (m): 1000

## Site Details

Site at 330330, 350090


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



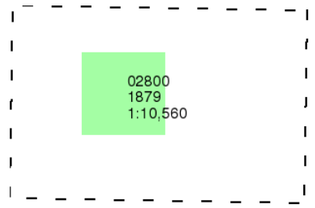

# Denbighshire

## Published 1879

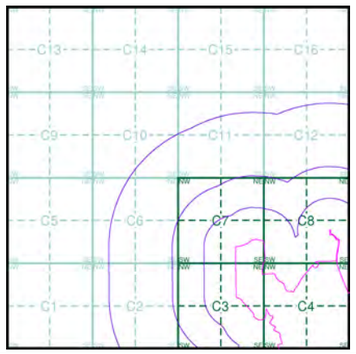
## Source map scale - 1:10,560

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 C



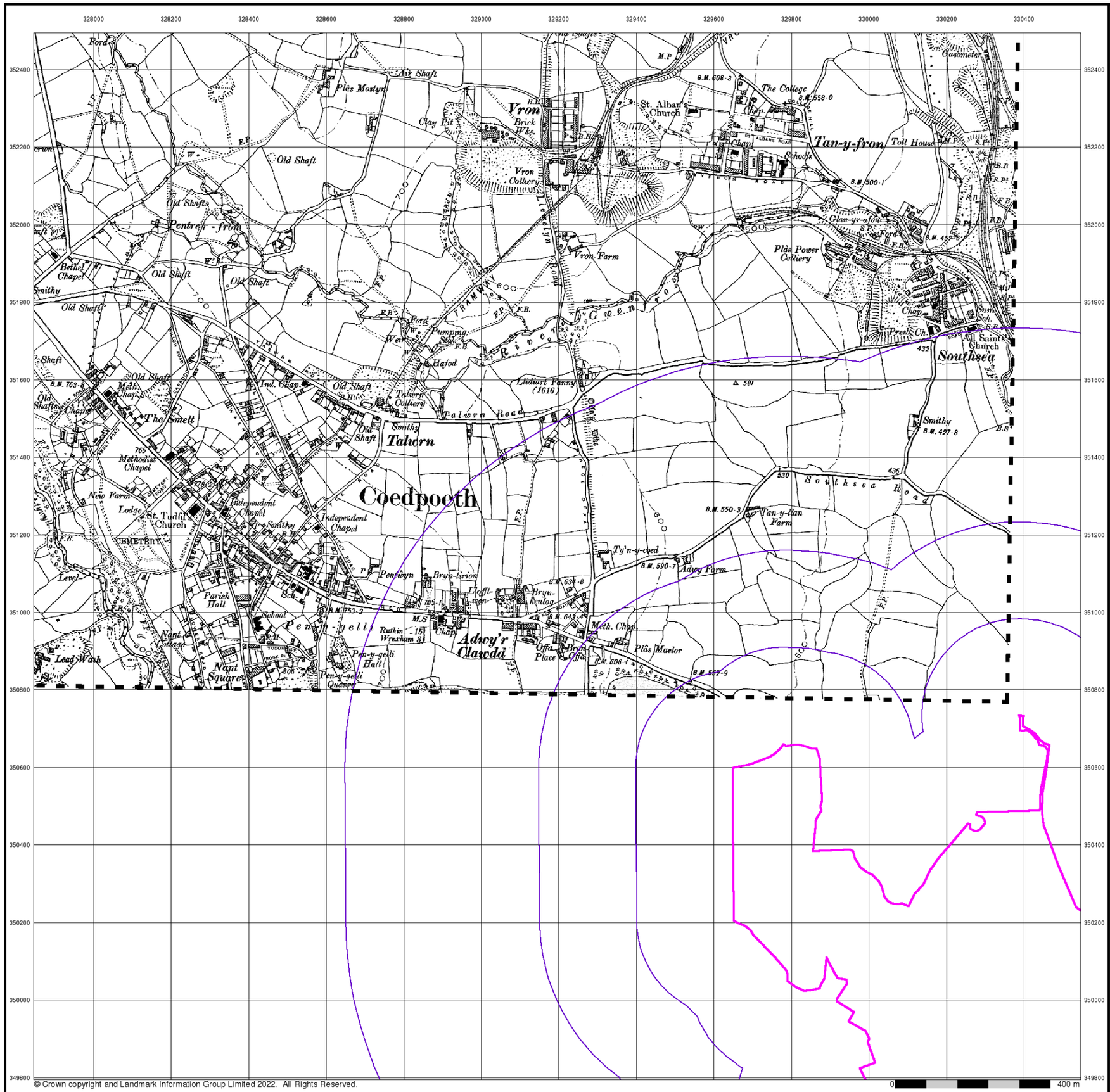

## Order Details

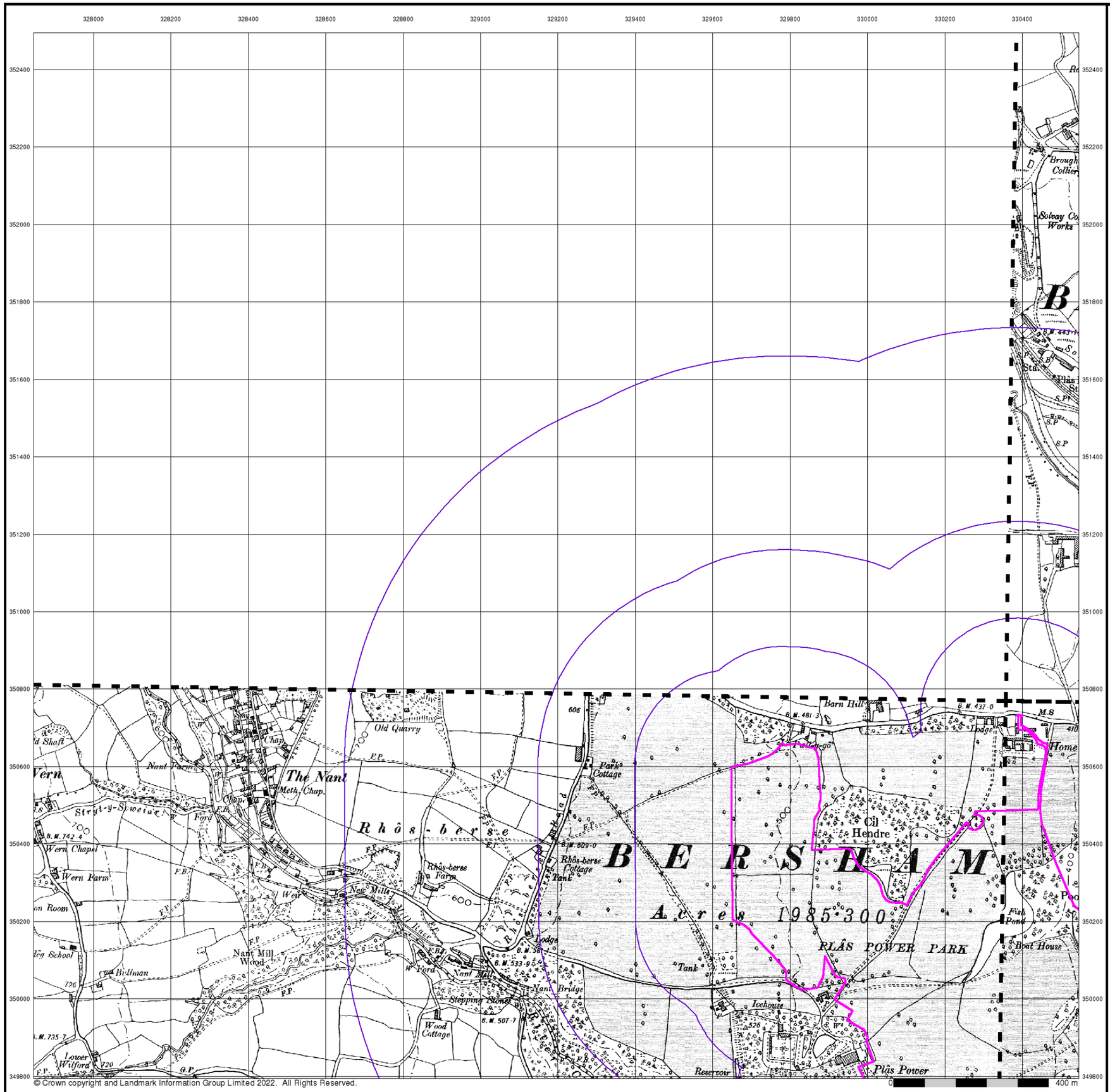
| | |
|---|---|
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| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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Coedpoeth
Vron
Brick Wks.
Vron Colliery
Clay Pit
Air Shaft
Plas Mostyn
St. Albans Church
The College
Tan-y-fron
Toll House
Schools
Chapel
Glan-yr-afon
Plas Power Colliery
Vron Farm
Old Shafts
Pentrefelin
Bethel Chapel
Old Shaft
Ford
Pumping Stn.
Tramway
Hafod
Ind. Chap.
Meth. Chap.
The Smelt
Talwrn Colliery
Talwrn
Talwrn Road
Lluhart Fanny (1616)
Southsea
All Saints Church
Prim. Ch.
Smithy
Methodist Chapel
New Farm
Lodge
St. Tudfil Church
CEMETERY
Independent Chapel
Parish Hall
School
Nant Square
Lead Wash
Level
Penyffridd
Penyffridd Chapel
Penyffridd Quarry
Penyffridd Halt
Penisarwaun 3
Rutkin 15
Wrexham 3
Penisarwaun
Bryn-faron
Bryn-heulog
Offa Place
Meth. Chap.
Plas Maelor
Adwy'r Clawdd
Ty'n-y-coed
Adwy Farm
Tan-y-llan Farm
Southsea Road
Gasometer
M.P
B.M. 608·3
B.M. 558·0
B.M. 500·1
B.M. 455·6
B.M. 763·8
B.M. 753·2
B.M. 638·8
B.M. 643·4
B.M. 606·1
B.M. 550·3
B.M. 590·7
B.M. 552·9
B.M. 427·8
700
600
500
400
581
765
805
530
436
432
Rivers
Gwen
Tramway
Ffordd Pen-y-Bryn
Ffordd Pen-y-Llan
Ffordd Tan-y-Llan
Ffordd Tan-y-Fron
Ffordd Pen-y-Cae
Ffordd Pen-y-Graig
Ffordd Pen-y-Gelli
Ffordd Pen-y-Maes
Ffordd Pen-y-Nant
Ffordd Pen-y-Ffridd
Ffordd Pen-y-Bont
Ffordd Pen-y-Coed
Ffordd Pen-y-Dre
Ffordd Pen-y-Wern
Ffordd Pen-y-Llyn
Ffordd Pen-y-Parc
Ffordd Pen-y-Rhos
Ffordd Pen-y-Waun
Ffordd Pen-y-Ffynnon
Ffordd Pen-y-Gaer
Ffordd Pen-y-Garth
Ffordd Pen-y-Graig
Ffordd Pen-y-Gwern
Ffordd Pen-y-Llan
Ffordd Pen-y-Maes
Ffordd Pen-y-Nant




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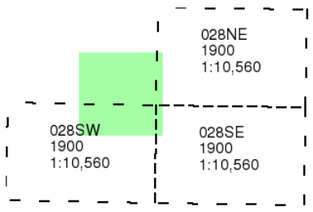
## Denbighshire

## Published 1900

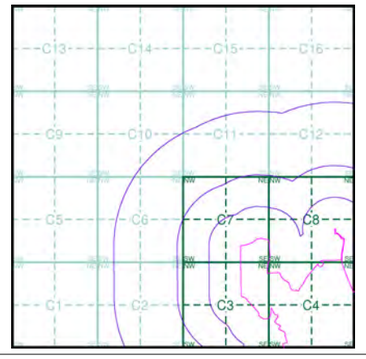
## Source map scale - 1:10,560

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




## Historical Map - Slice C



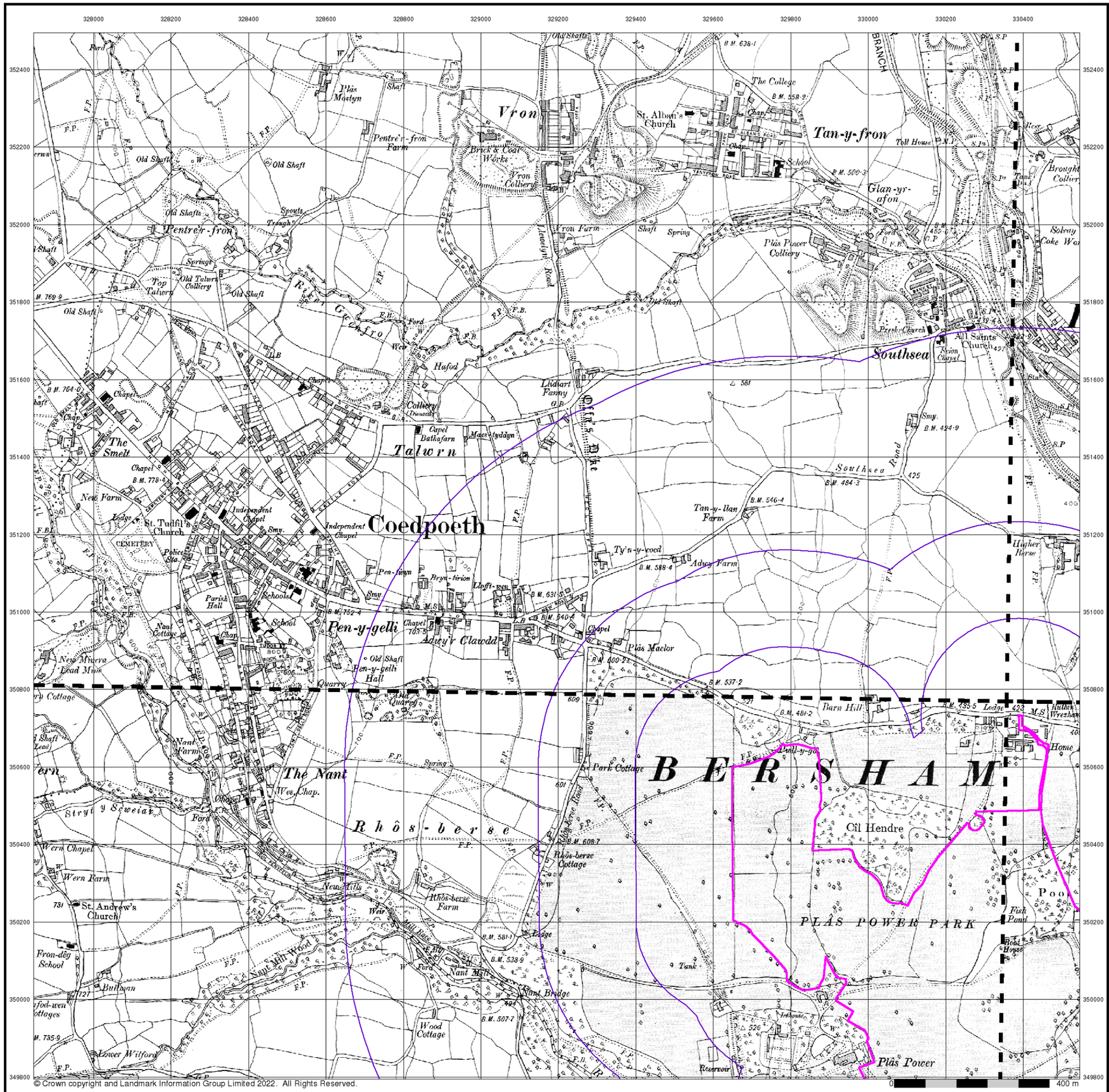

## Order Details

| | |
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| Order Number: | 291151542_1_1 |
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| National Grid Reference: | 329660, 350680 |
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| Search Buffer (m): | 1000 |

## Site Details

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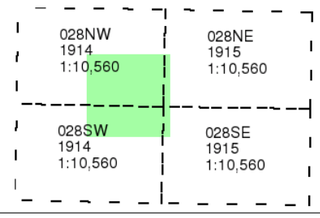

# Denbighshire

## Published 1914 - 1915

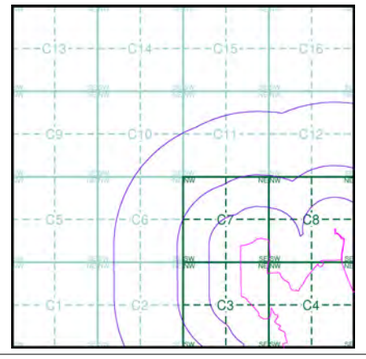
## Source map scale - 1:10,560

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




## Historical Map - Slice C



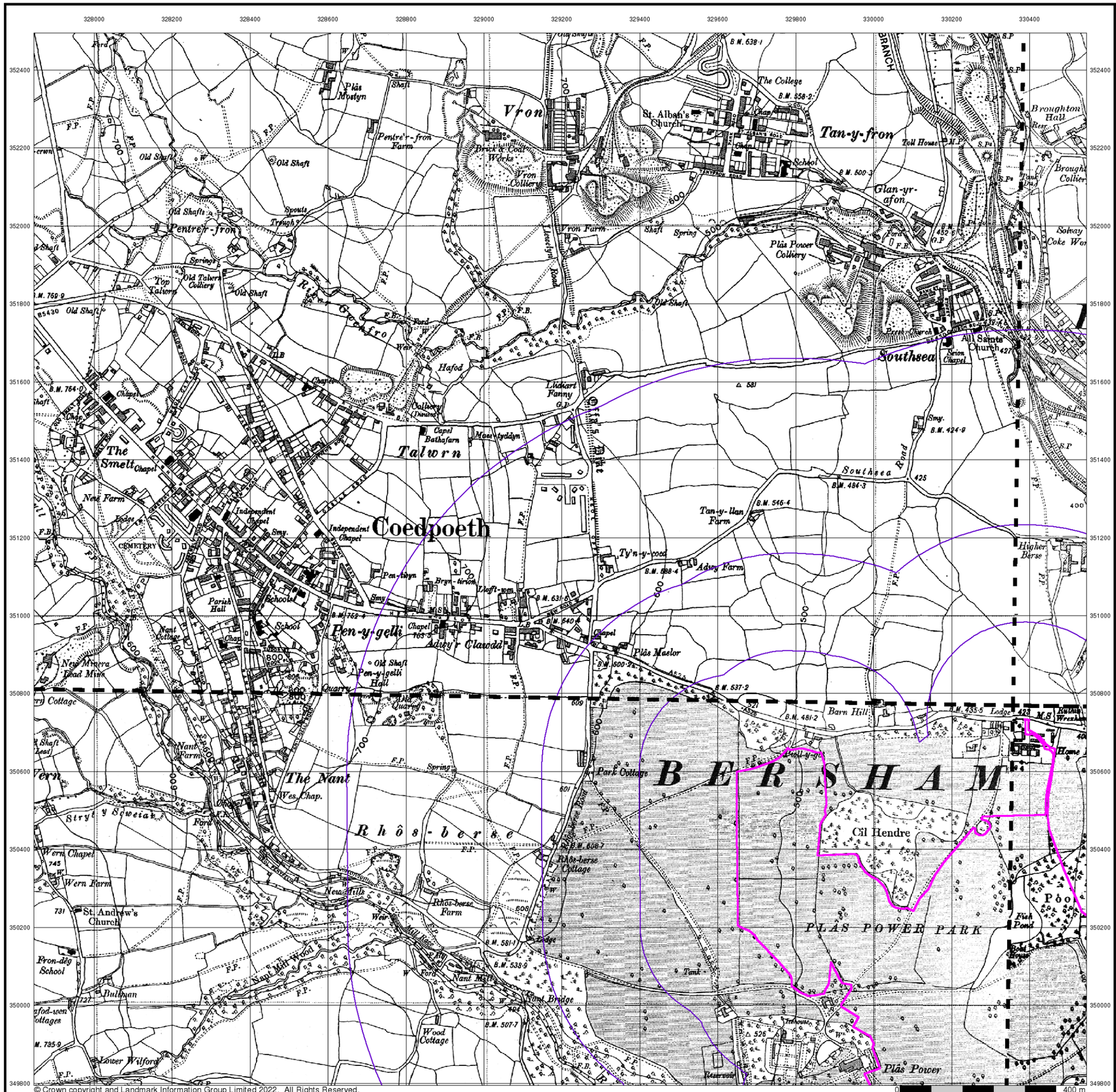

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| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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| Site Area (Ha): | 145.64 |
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## Site Details

Site at 330330, 350090

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# Denbighshire

## Published 1938

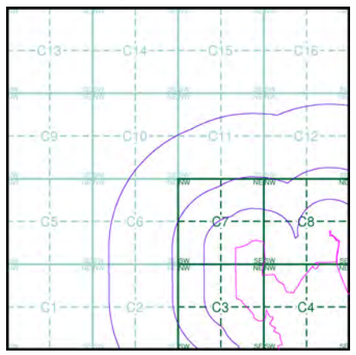
## Source map scale - 1:10,560

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

| | |
|---|---|
| 028NW 1938 1:10,560 | 028NE 1938 1:10,560 |
| 028SW 1938 1:10,560 | 028SE 1938 1:10,560 |

## Historical Map - Slice C



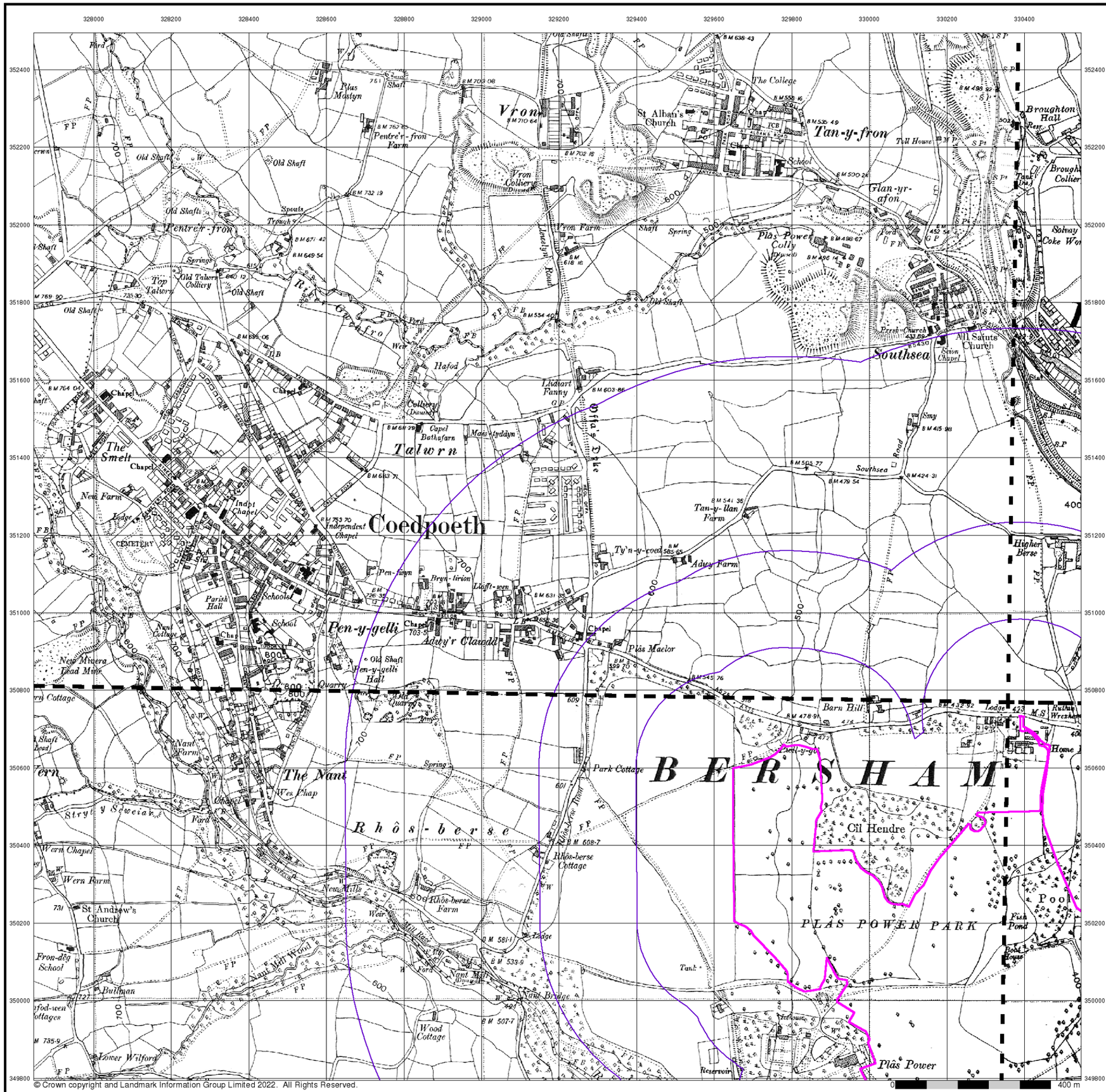

## Order Details

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| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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## Denbighshire

## Published 1938 - 1954

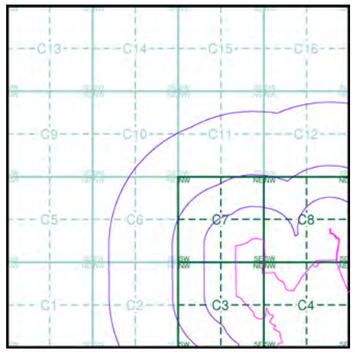
## Source map scale - 1:10,560

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

| | |
|---|---|
| 028NW 1954 1:10,560 | 028NE 1938 1:10,560 |
| 028SW 1954 1:10,560 | 028SE 1938 1:10,560 |

## Historical Map - Slice C



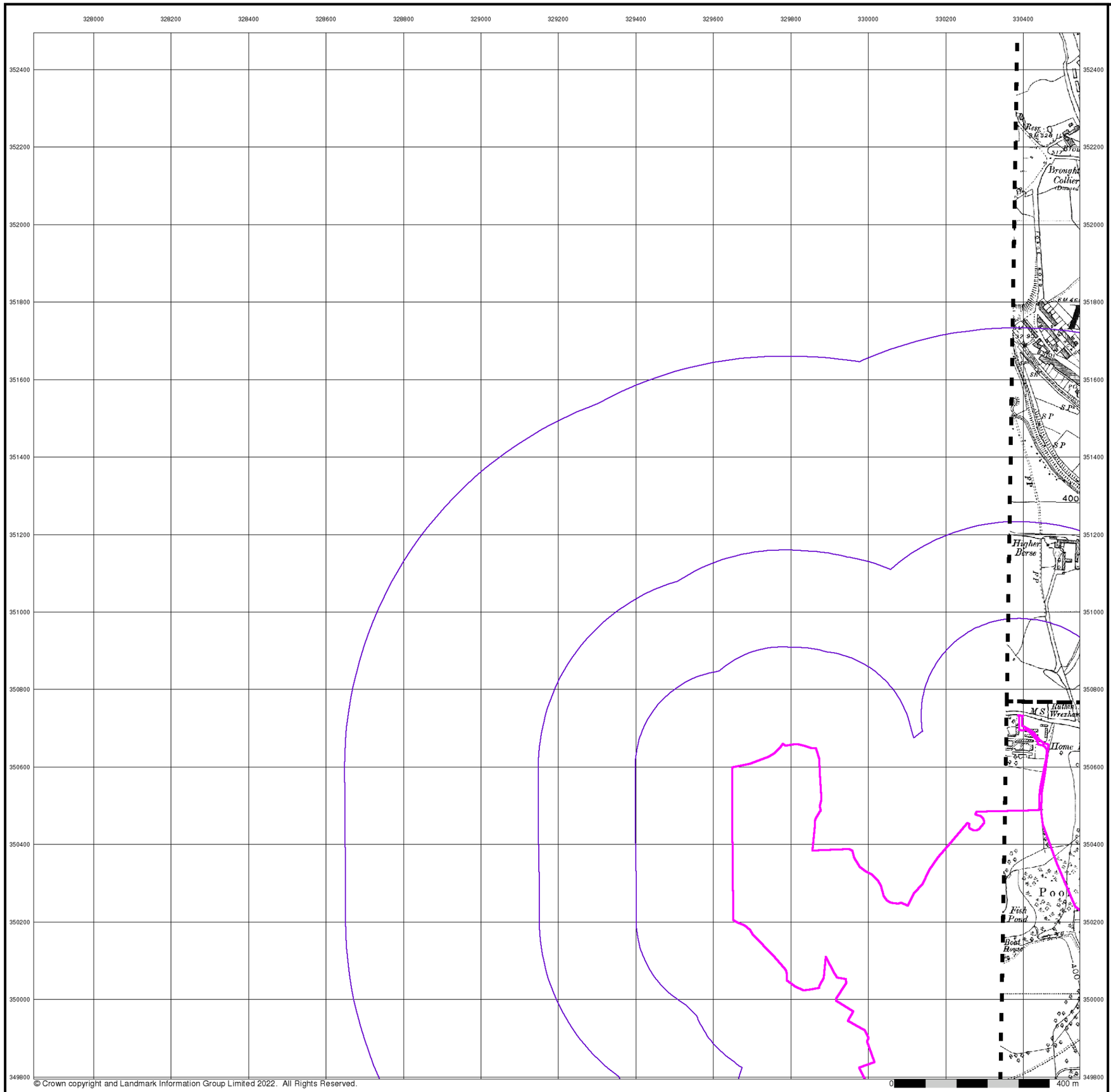

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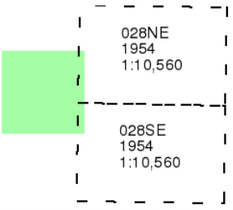
## Denbighshire

## Published 1954

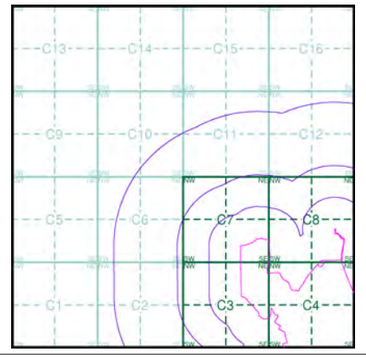
## Source map scale - 1:10,560

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




## Historical Map - Slice C



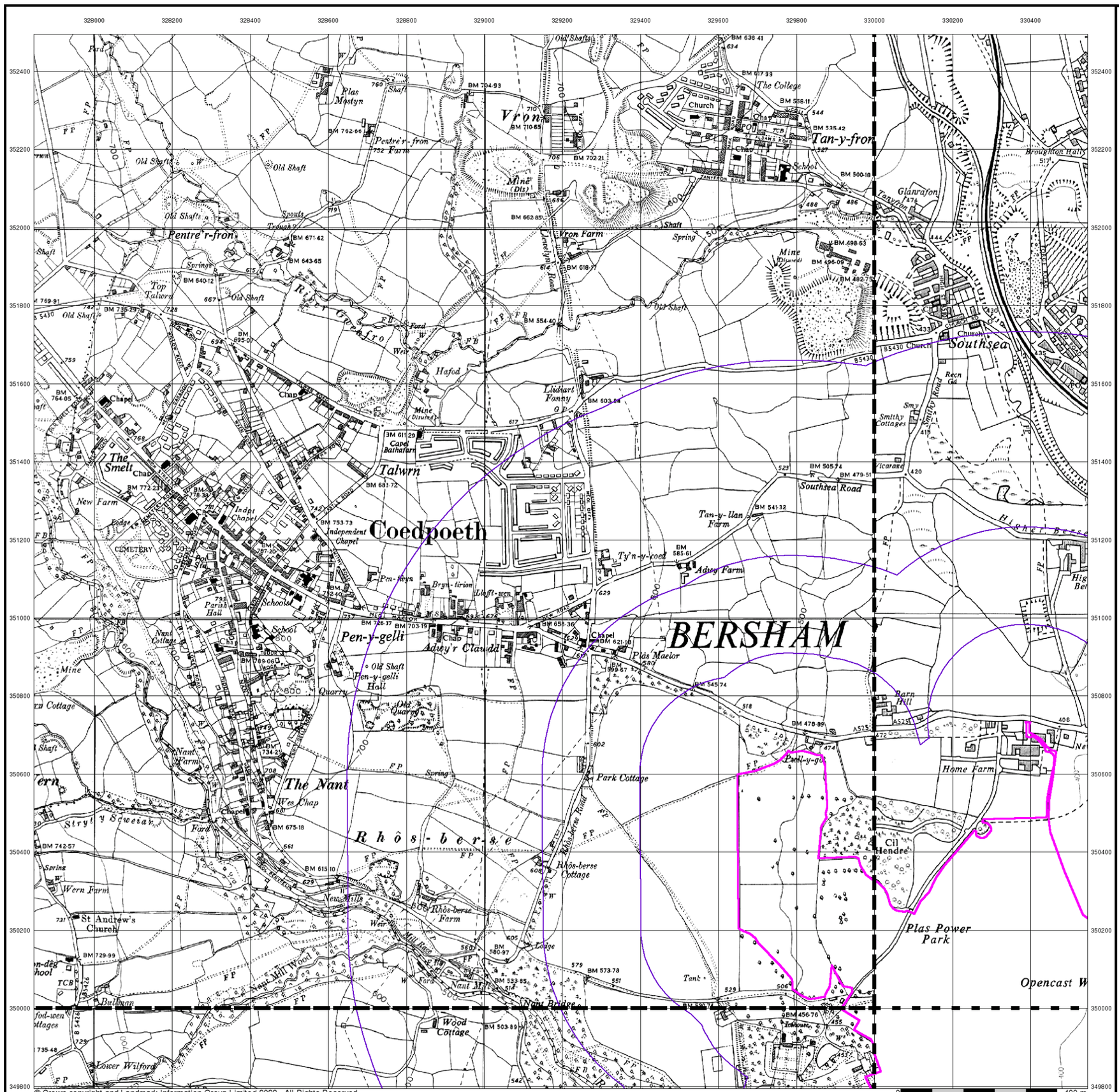

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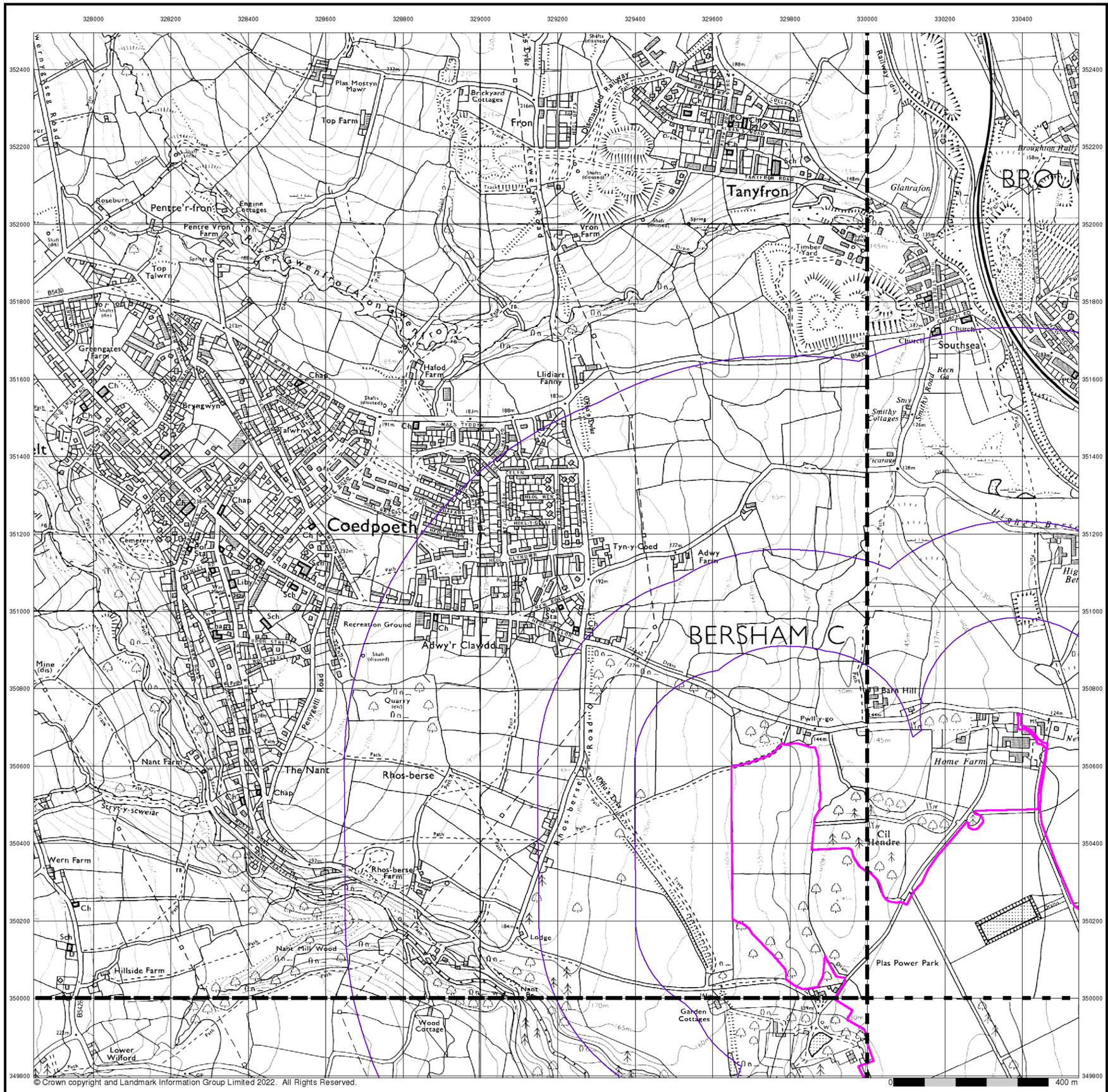
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BERSHAM
Coedpoeth
Vron
Talwrn
The Nant
Rhôs-berse
Pen-y-gelli
Tan-y-fron
Southsea
Plas Power Park
Pentre'r-fron
Hafod
Park Cottage
Rhôs-berse Cottage
Rhôs-berse Farm
Vron Farm
Tan-y-ulan Farm
Adsey Farm
Wood Cottage
Lower Wilford
Nant Hill Wood
Parish Hall
Independent Chapel
Indpt Chapel
Adsey'r Clawdd
Plas Maelor
Home Farm
Barn Hill
Broughton Hall
The College
Church
Vicarage
Southsea Road
Smithy Cottages
Glanrafon
Tanyfron
Lletyn Road
Lletyn-wen
Pen-rhyn
Bryn-tirion
Nant Cottage
Nant Farm
Wern Farm
New Mills
Mill Race
Stryt y Sweten
Ty'n-y-coed
Llwyn-y-go
Cil Hendre
Opencast W
Plas Mostyn
Top Talwrn
The Smelt
New Farm
Lodge
Cemetery
Schools
Quarry
Old Quarry
Old Shaft
Old Shafts
Mine (Disused)
Spring
Springs
Ford
Weir
Tramway
Chapel
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Wes Chap
Tank
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Pond
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## Ordnance Survey Plan

**Published 1974 - 1979**

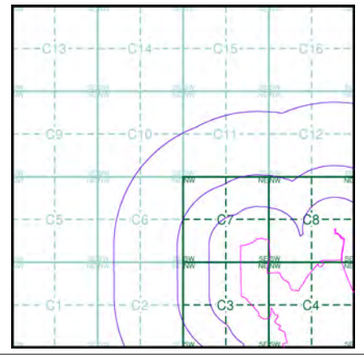
**Source map scale - 1:10,000**

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

| | |
|---|---|
| SJ25SE 1976 1:10,000 | SJ35SW 1974 1:10,000 |
| SJ24NE 1976 1:10,000 | SJ34NW 1979 1:10,000 |

## Historical Map - Slice C



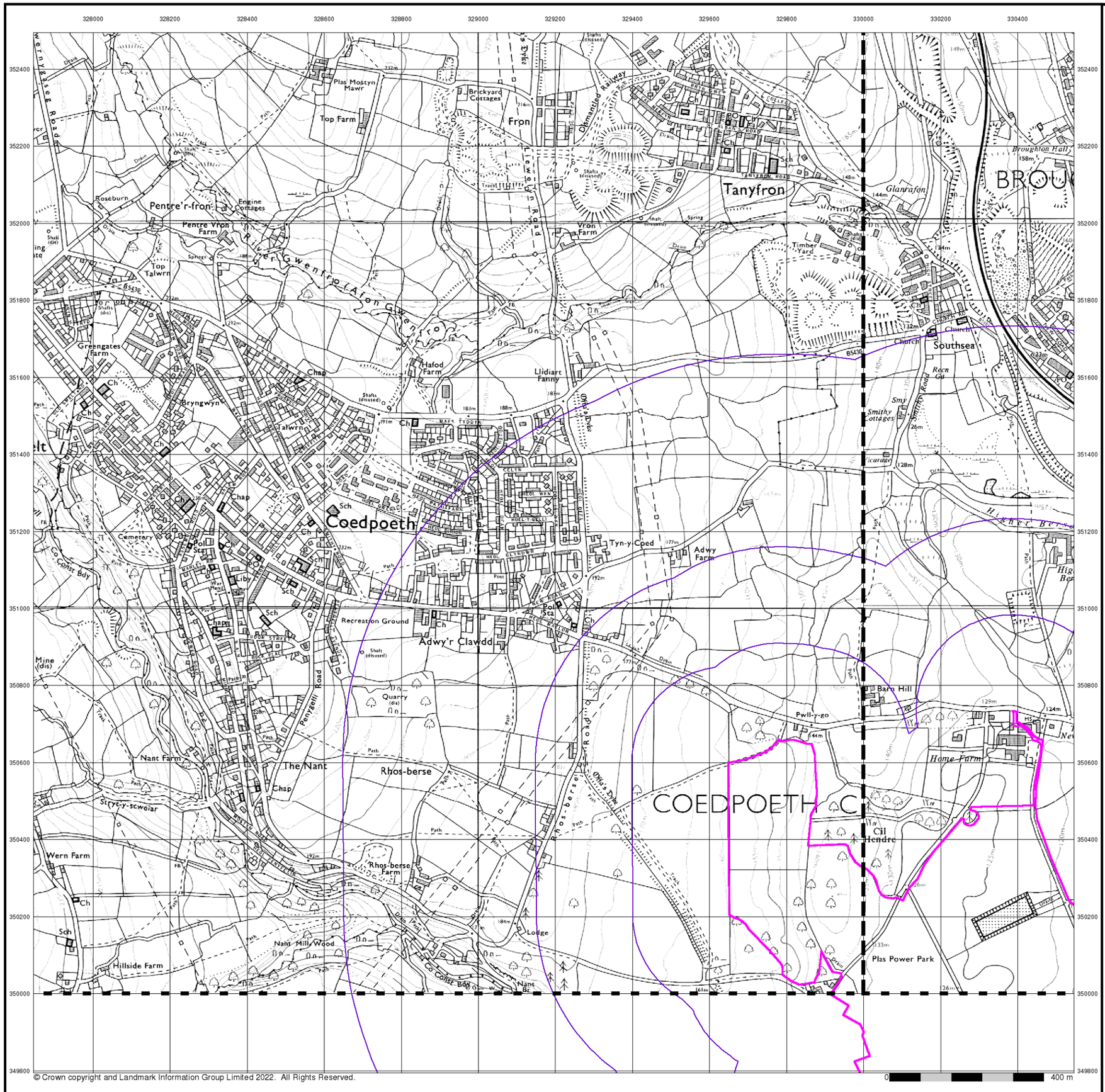

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| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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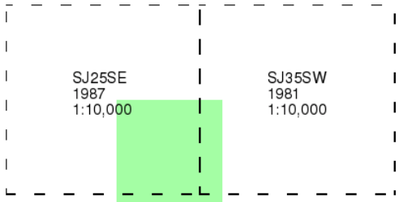
## Ordnance Survey Plan

### Published 1981 - 1987

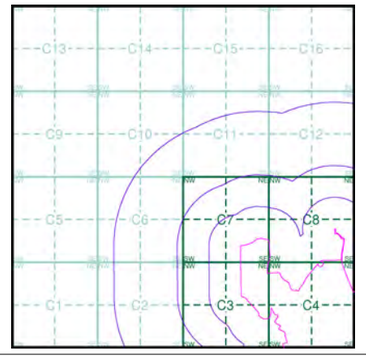
### Source map scale - 1:10,000

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




## Historical Map - Slice C



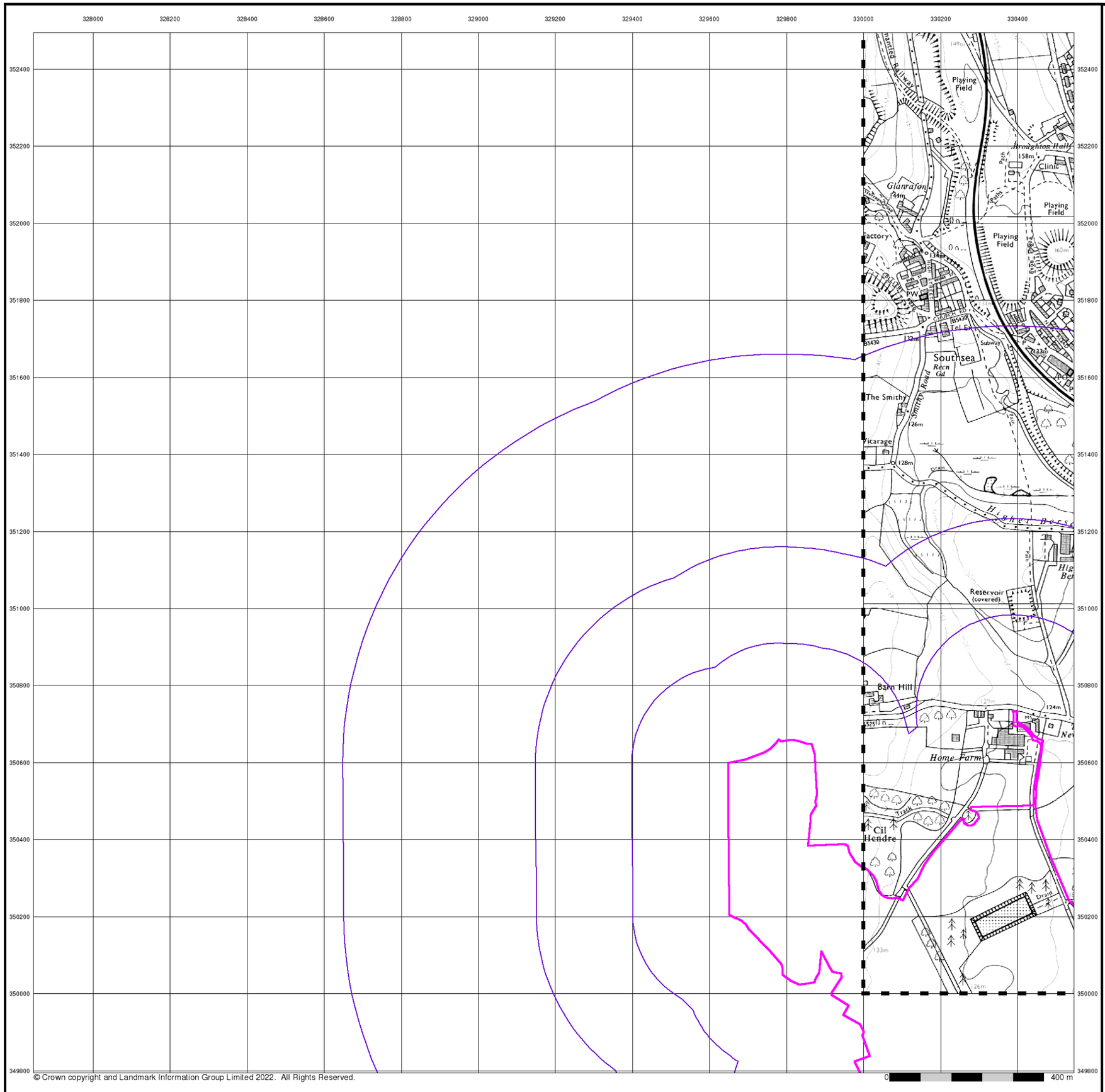

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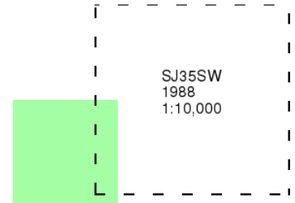
## Ordnance Survey Plan

## Published 1988

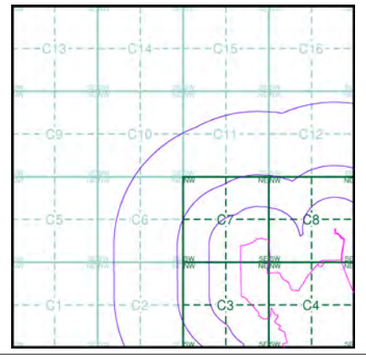
## Source map scale - 1:10,000

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




## Historical Map - Slice C



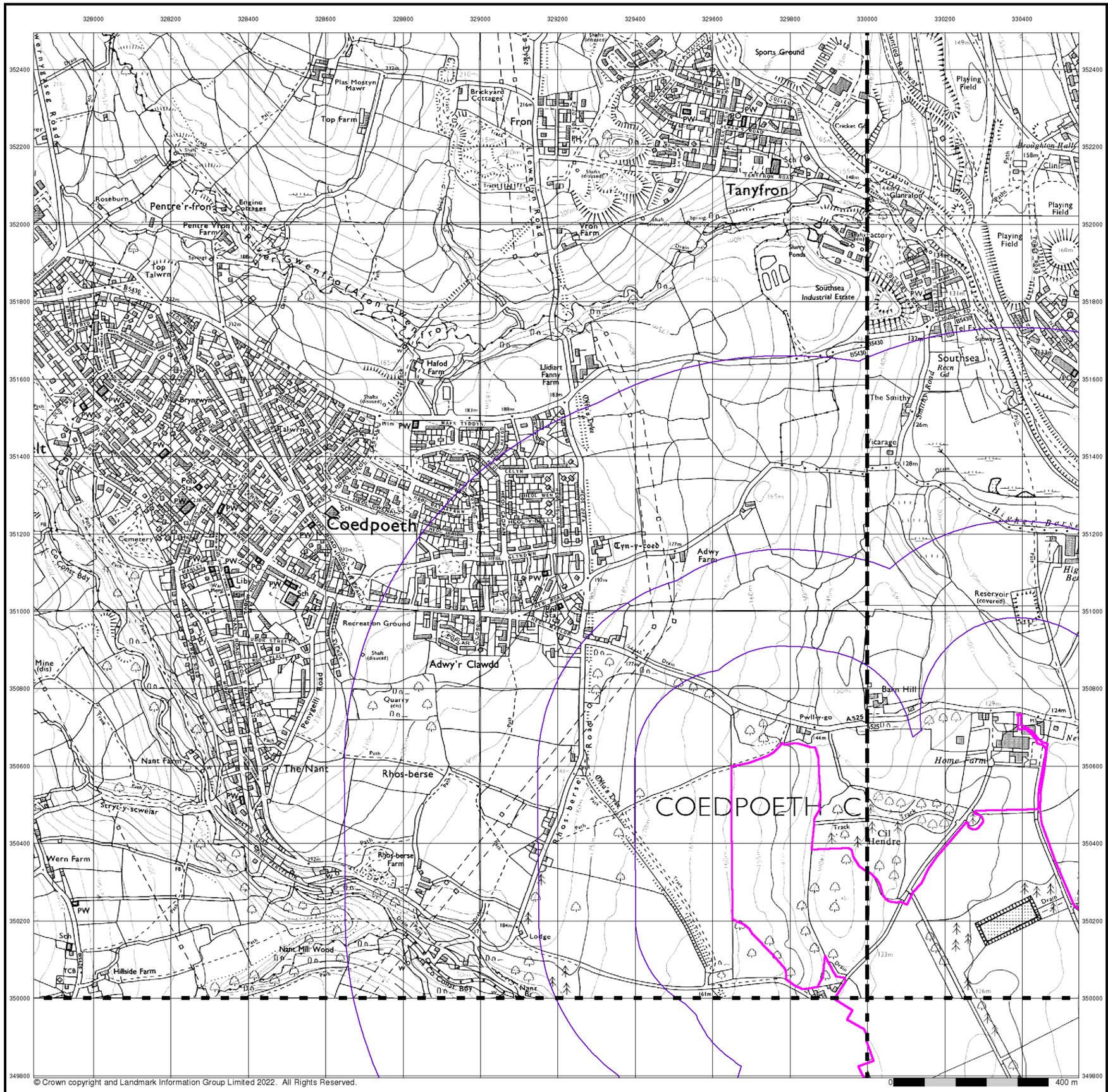

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## Ordnance Survey Plan

### Published 1990 - 1993

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

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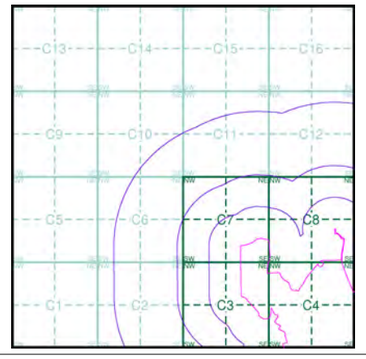
## Map Name(s) and Date(s)

SJ25SE 1991 1:10,000

SJ35SW 1990 1:10,000

SJ34NW 1993 1:10,000

## Historical Map - Slice C



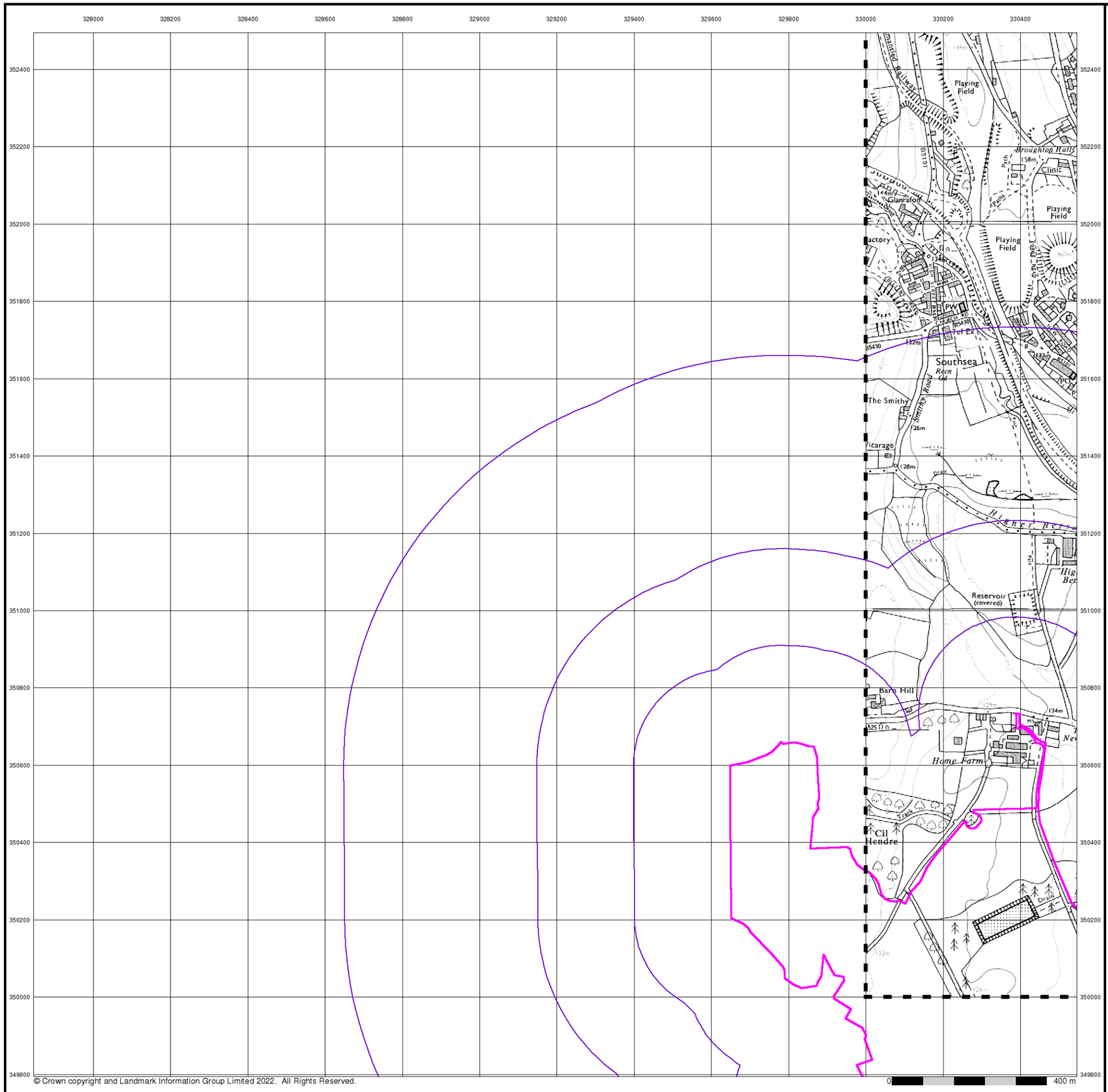

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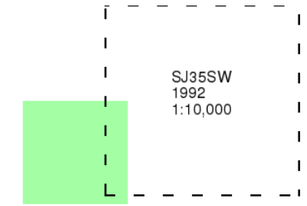
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## Published 1992

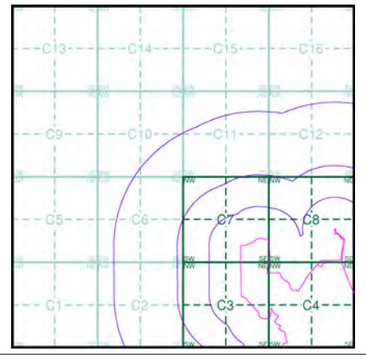
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## Map Name(s) and Date(s)




## Historical Map - Slice C




## Order Details

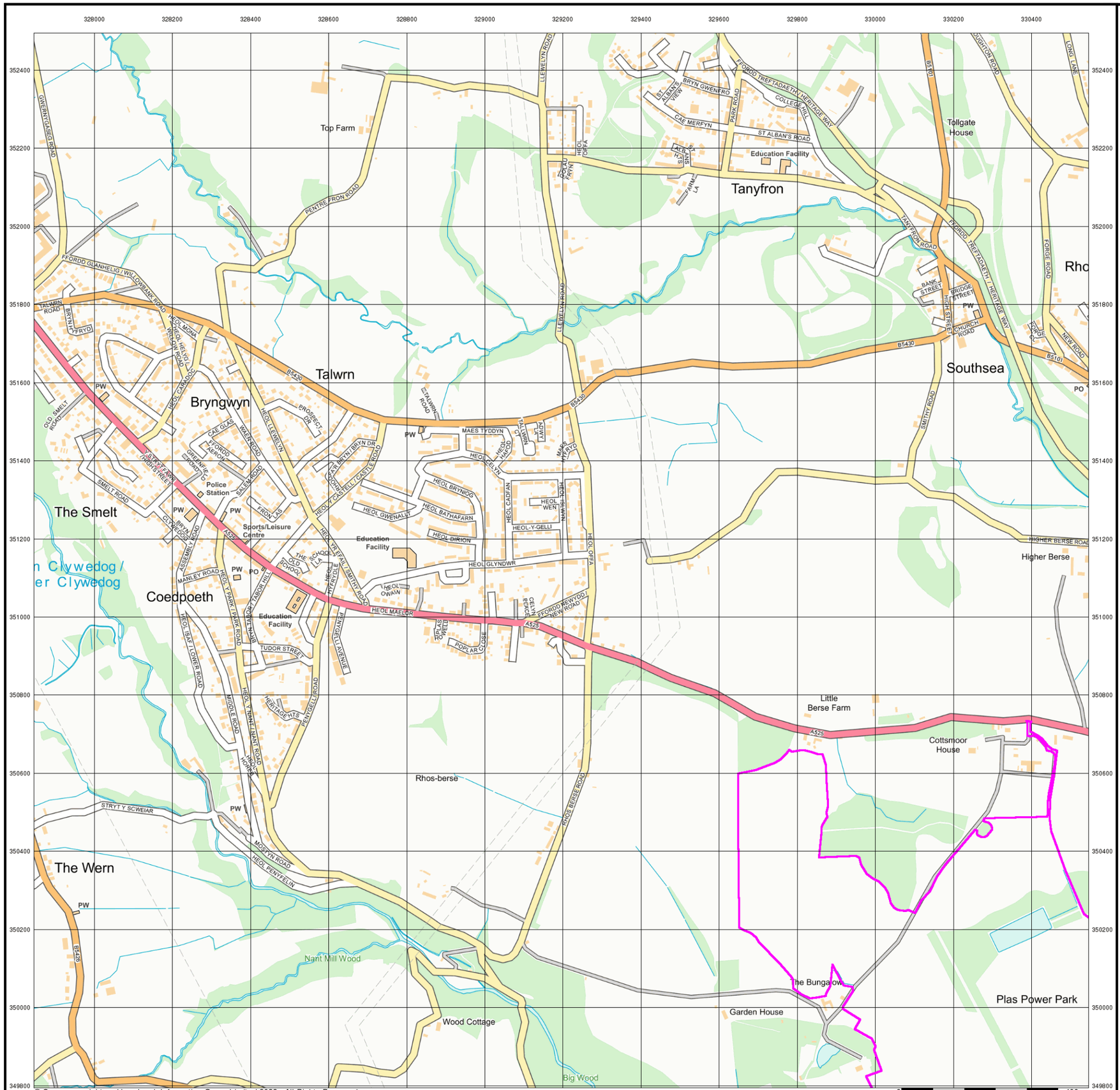
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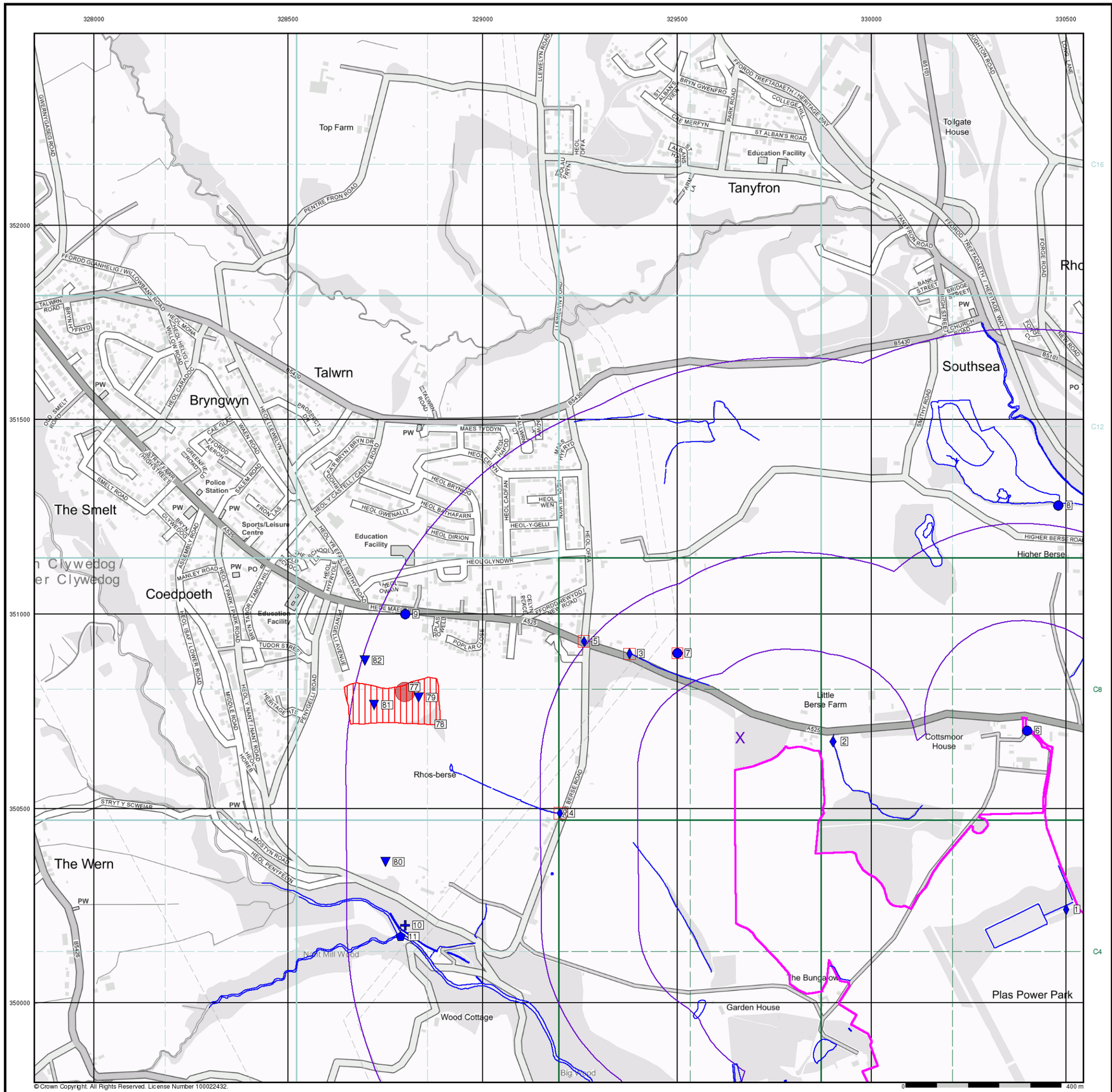
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COEDPOETH C
Coedpoeth
Tanyfron
Fron
Pentre'r -fron
Southsea
Southsea Industrial Estate
The Nant
Adwy'r Clawdd
Plas Power Park
Recreation Ground
Quarry (disused)
Rhos-berse
Nant Mill Wood
Nant Mill Visitor Centre
Lower Wilford Farm
Hillside Farm
Wern Farm
Rhos-berse Farm
Nant Farm
Top Farm
Top Talwrn
Pentre Vron Farm
Vron Farm
Hafod Farm
Llidiart Fanny Farm
Barn Hill
Home Farm
Cil Hendre
Wood Cottage
Icehouse
Garden House
Overflow
Reservoir (Covered)
Cricket Pitch
Playing Field
Play Area
Solvay Banks
Ind Est
Tel Ex
Recn Gd
Vicarage
The Smithy
Glanrafon
Brickyard Cottages
Plas Mostyn Mawr
Roseburn
Engine House
Cemetery
School
Lib
PO
PW
Shaft (dis)
Level (dis)
Lodge
Track
Path
Drain
Sinks
Issues
Springs
Collects
Dismtd Rly
Abandoned Railway
Ground
Area
Rsvr (cov)
Tyn-y-coed
Adwy Grange
Higher Berse
Pwll Pigo
Path Office's Dyke
Tyddyn Dykes
Cil Hendre Track
Plas Power Park
Overflow
Home Farm
Barn Hill
Nant Bridge
Wood Cottage
Lower Wilford Farm
Nant Mill Wood
Hillside Farm
Wern Farm
Rhos-berse Farm
Nant Farm
Top Talwrn
Pentre Vron Farm
Vron Farm
Hafod Farm
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Lower Wilford Farm
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Nant Farm
Top Farm
Top Talwrn
Pentre Vron Farm
Vron Farm
Hafod Farm
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Top Farm
Tanyfron
Tollgate House
Education Facility
Talwrn
Bryngwyn
Southsea
The Smelt
Police Station
Sports/Leisure Centre
Education Facility
Coedpoeth
Higher Berse
Little Berse Farm
Cottsmoor House
Rhos-berse
The Wern
Nant Mill Wood
Wood Cottage
Big Wood
The Bungalow
Garden House
Plas Power Park
LLEWELYN ROAD
PENTRE FRON ROAD
FFORDD GLANHELIG / WILLOWBANK ROAD
FFORDD TREFTADAETH / HERITAGE WAY
ST ALBAN'S ROAD
COLLEGE HILL
PARK ROAD
BRYN GWENFRO
CAE MERFYN
TANYFRON ROAD
HIGH STREET
BRIDGE STREET
CHURCH ROAD
FORGE ROAD
SMITHY ROAD
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BRYN IBRYN DR
CAE GLAS
FFORDD LLAEROG
WAEN ROAD
GREENFIELD CROFT
SALEM ROAD
FRON LAS
BRYN GOODMAN
ASSEMBLY ROAD
MANLEY ROAD
HEOL Y PARK / PARK ROAD
HEOL ISAF / LOWER ROAD
TUDOR STREET
PENGELLI AVENUE
PENGELLI ROAD
HEOL Y NANT / NANT ROAD
MIDDLE ROAD
HEOL Y FFAIR / SMITHY ROAD
HEOL MYRDDIN
HEOL OWAIN
HEOL WEN
HEOL NANT IGAM
HEOL Y GELLI
FFORDD NEWYDD / NEW ROAD
GELLI GEREDIG
PLAS POWELL
POPLAR CLOSE
RHOS BERSE ROAD
STRYT Y SCWEIAR
MOSTYN ROAD
HEOL PENYFFLIN
OLD SMELT ROAD
SMELT ROAD
BRYN-Y-FRYDD
HEOL MONA
HEOL HENRY / WILLOW ROAD
HEOL CARADOG
TALWRN ROAD
ETALWRN ROAD
CROSSFIELD DR
HEOL LLEWELYN
OLD SCHOOL
THE OLD SCHOOL
HEOL Y FFAIR
HEOL Y FFAIR / SMITHY ROAD
HEOL MYRDDIN
HEOL OWAIN
HEOL MAELOR
HEOL GLYNDWR
HEOL OFFA
HEOL WEN
HEOL NANT IGAM
HEOL Y GELLI
HEOL DIRION
HEOL GWENALLT
HEOL BATHAFARN
HEOL BRYNIOG
HEOL CASPAN
HEOL CELYN
MAES TYDDYN
TALWRN LANE
MAES HYFRYD
ETALWRN ROAD
CROSSFIELD DR
HEOL LLEWELYN
HEOL CARREGLWYD CASTELL
BRYN IBRYN DR
FFORDD LLAEROG
WAEN ROAD
CAE GLAS




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## General

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

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

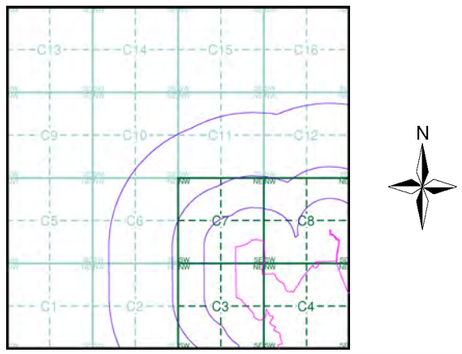
## Waste

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

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Site Sensitivity Map - Slice C



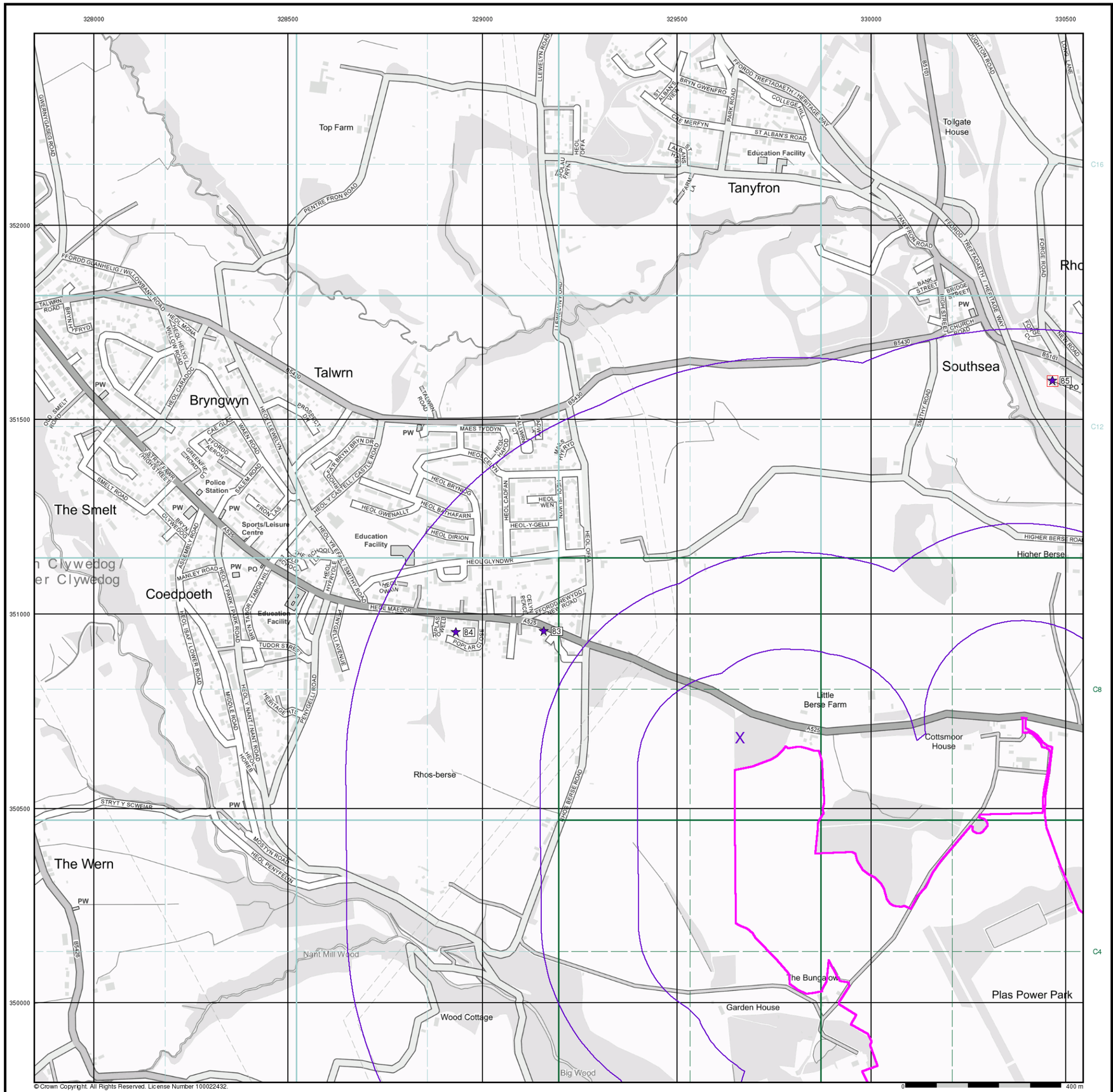

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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# Industrial Land Use Map

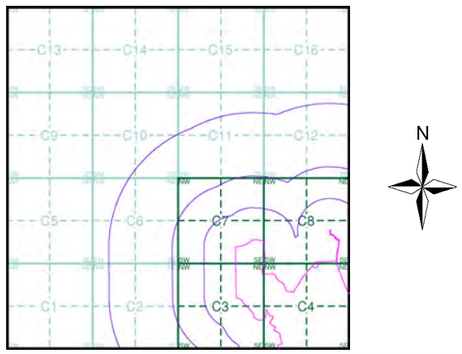
## General

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 C



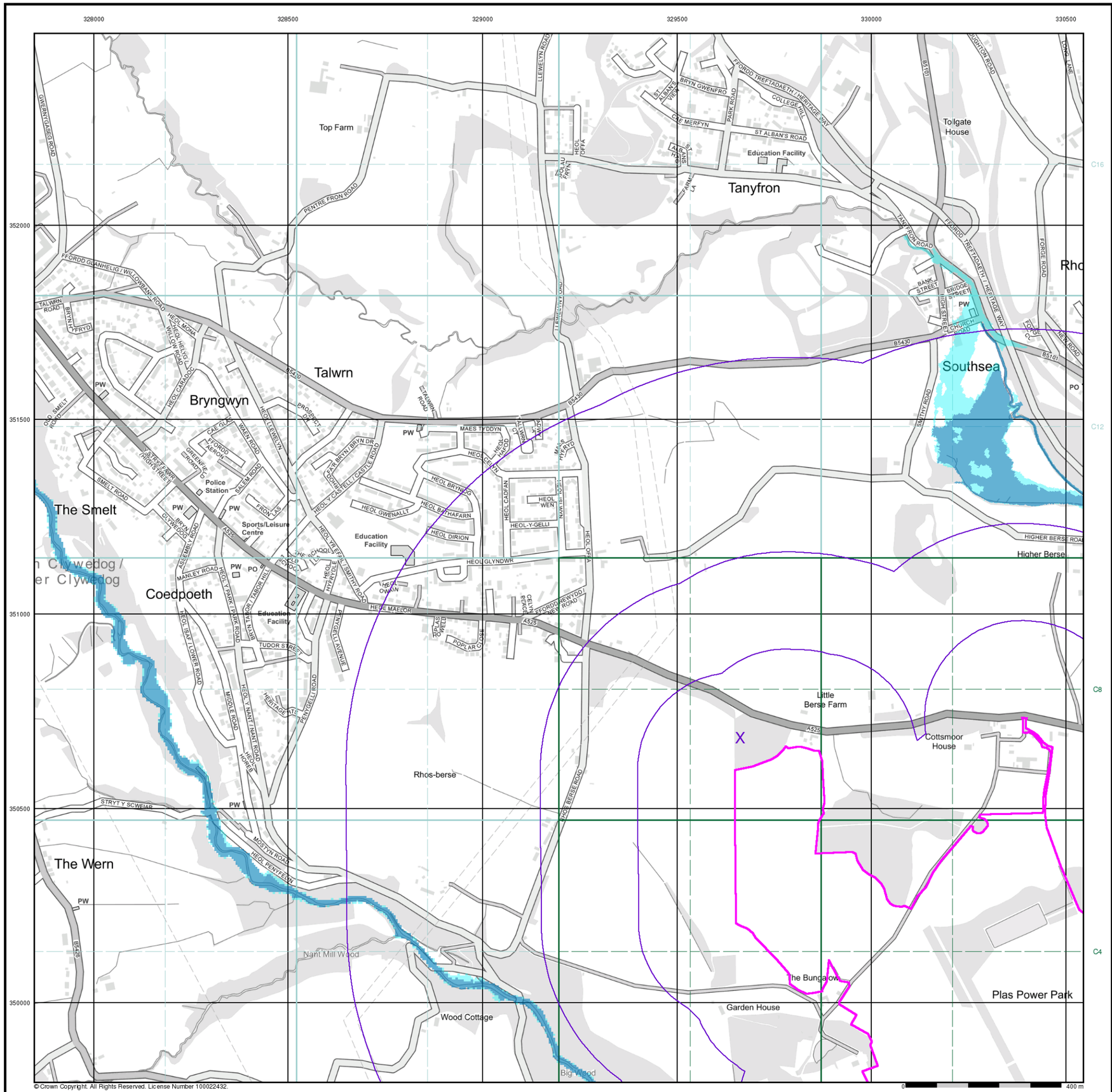

## Order Details

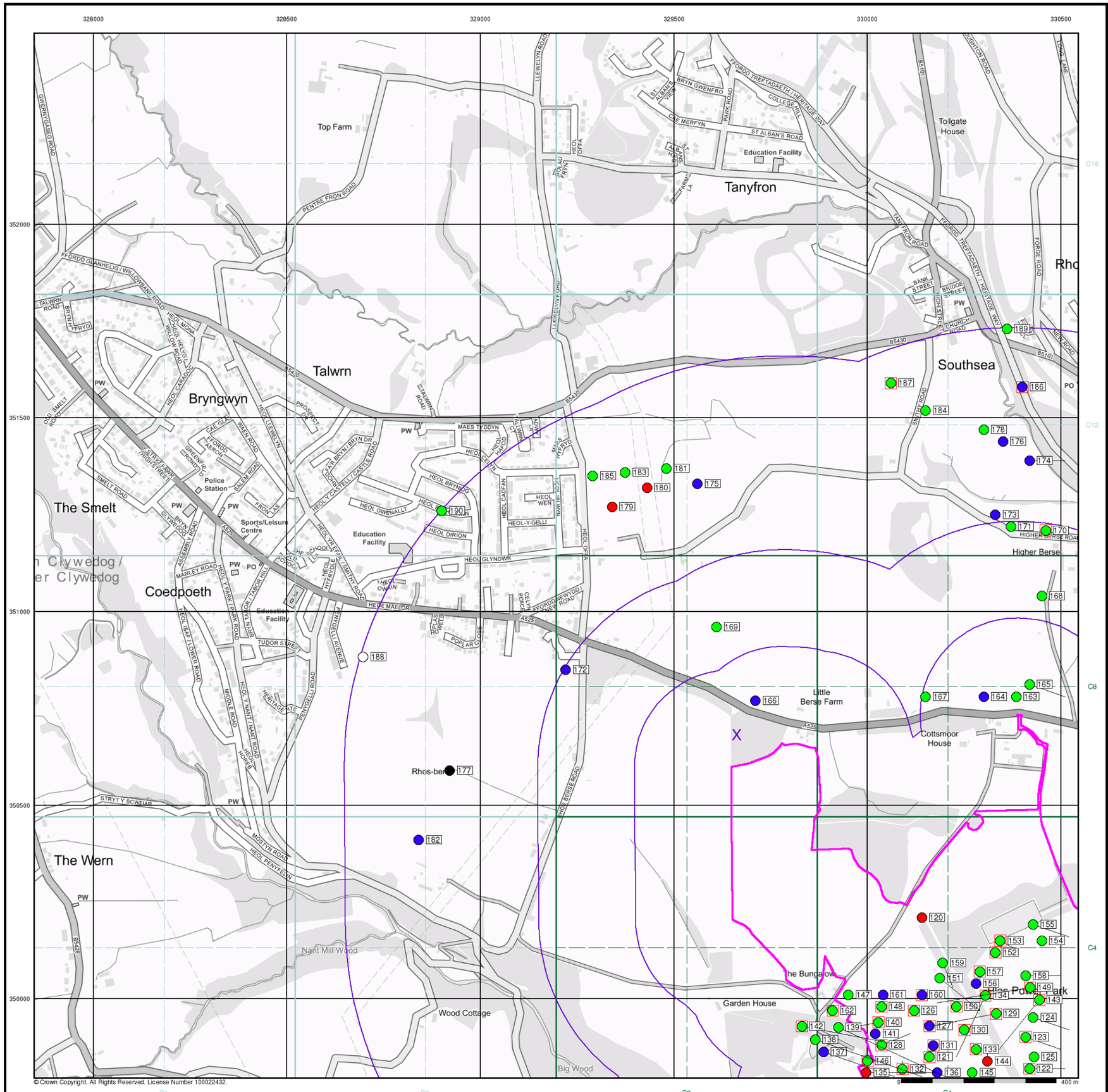
| | |
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328000
328500
329000
329500
330000
330500
352000
351500
351000
350500
350000
C16
C12
C8
C4
Top Farm
Tanyfron
Tolgate House
Education Facility
Talwrn
Bryngwyn
Southsea
The Smelt
Police Station
Sports/Leisure Centre
Education Facility
Coedpoeth
Education Facility
Little Berse Farm
Cottsmoor House
Rhos-berse
The Wern
Nant Mill Wood
Wood Cottage
Big Wood
The Bungalow
Garden House
Plas Power Park
Higher Berse
X
PW
PO
LLEWELYN ROAD
PENTRE FRON ROAD
BRYN GWENFRO
COLLEGE HILL
ST ALBAN'S ROAD
TANYFRON ROAD
FFORDD TREFTADAETH / HERITAGE WAY
BANK STREET
BRIDGE STREET
HIGH STREET
CHURCH ROAD
FORGE ROAD
B5101
B5430
A525
FFORDD GLANHELIG / WILLOWBANK ROAD
TALWRN ROAD
HEOL MONA
HEOL HENRY / WILLOW ROAD
HEOL CARADOG
OLD SMELT ROAD
CAE GLAS
WAEN ROAD
FFORDD AARON
GREENFIELD CROFT
SMELT ROAD
STRYT FAWR / HIGH STREET
SALEM ROAD
FRON LAS
BRYN OLWEN
MANLEY ROAD
ASSEMBLY ROAD
A525
HEOL Y PARK / PARK ROAD
HEOL ISAF / LOWER ROAD
TUDOR STREET
MIDDLE ROAD
HEOL Y NANT / NANT ROAD
HEOL HOWELL
HERITAGE CLOSE
PENTGELLI ROAD
PENTGELLI AVENUE
HEOL MAELOR
HEOL GLYNDWR
HEOL DIRION
HEOL BRYNHAFARN
HEOL GWENALLT
HEOL BRYNROG
HEOL CADFAN
HEOL-Y-GELLI
HEOL WEN
HEOL OFFA
MAES TYDDYN
HEOL LLEWELYN
HEOL CASTELL / CASTELL ROAD
CAE BRYN / BRYN DRIVE
PROSPECT DRIVE
ETALWRN ROAD
MOSTYN ROAD
HEOL BENTFENN
STRYT Y SCWEIAR
HIGHER BERSE ROAD
HIGH BERSE ROAD
FFORDD NEWYDD / NEW ROAD
POPLAR CLOSE
PLAS POWELL
HEOL ONLLAN
HEOL Y CHAPEL
HEOL HYFRYDOL
HEOL Y SMITHY / SMITHY ROAD
HEOL OFFA
HEOL Y CASTELL
HEOL Y FFYNNON
HEOL Y CHAPEL
HEOL Y FFYNNON
FFORDD TREFTADAETH / HERITAGE WAY
LONG LANE
LIGHTON ROAD
FORGE CLOSE
HEOL ISAF
HEOL Y CASTELL
HEOL Y FFYNNON
HEOL Y CHAPEL
HEOL Y FFYNNON




## General

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

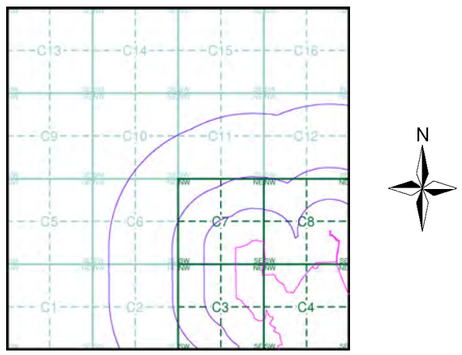
## Agency and Hydrological (Boreholes)

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

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

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

## Borehole Map - Slice C



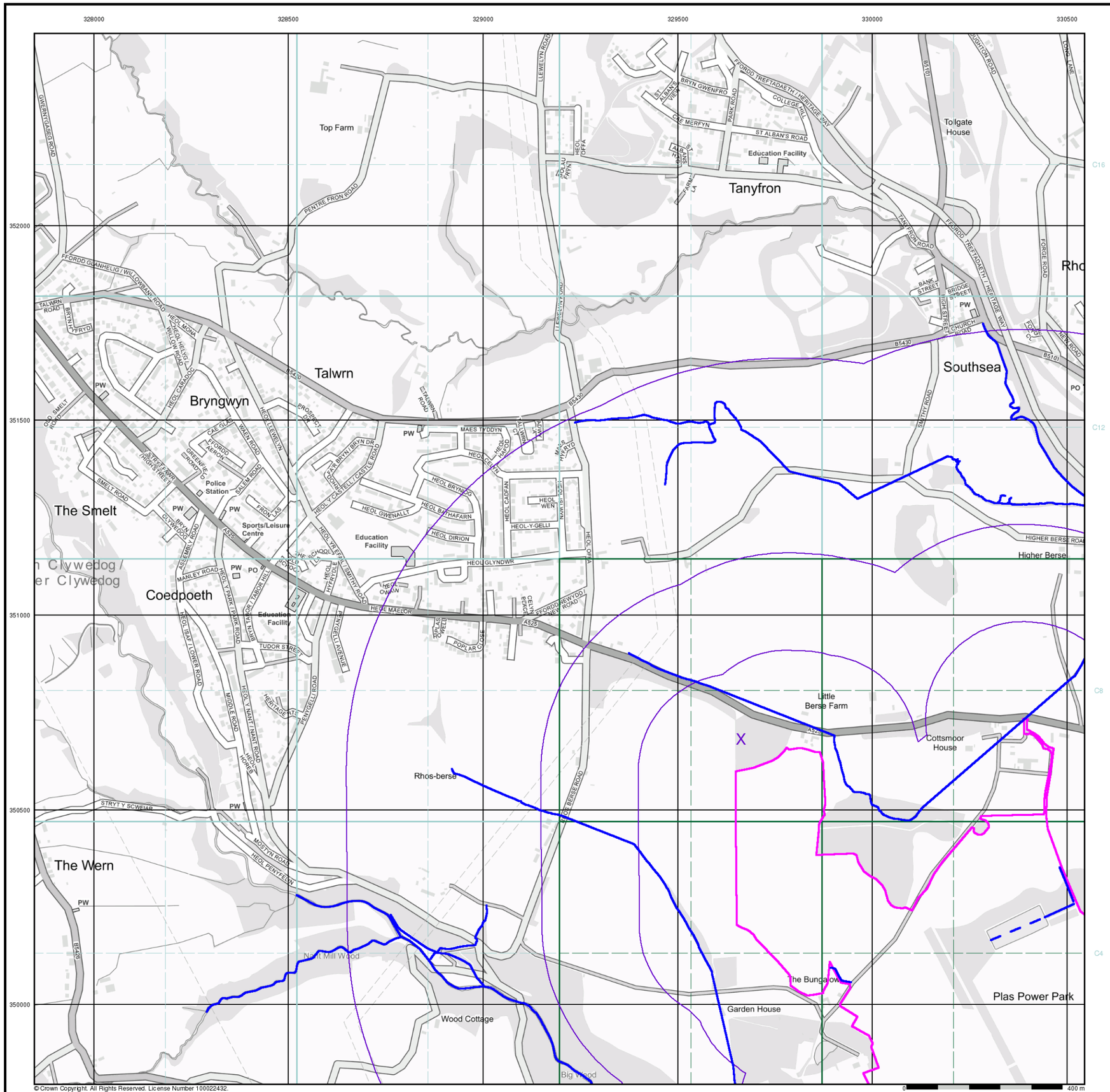

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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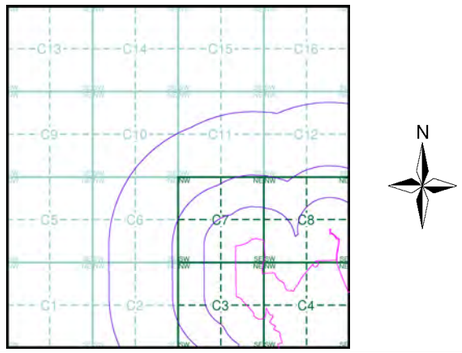
## General

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

## OS Water Network Data

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

## OS Water Network Map - Slice C




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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| Slice: | C |
| Site Area (Ha): | 145.64 |
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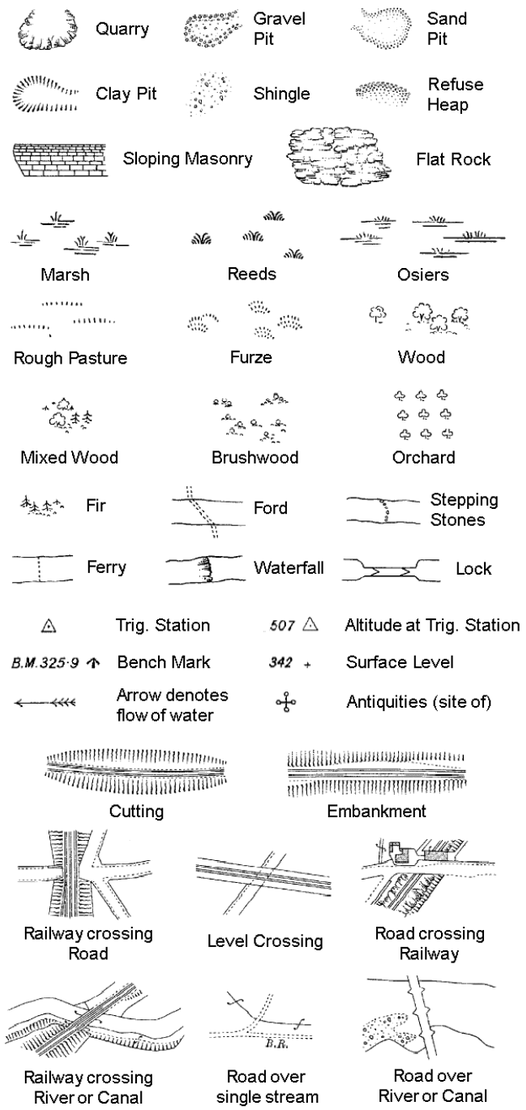
## Site Details

Site at 330330, 350090

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# Historical Mapping Legends

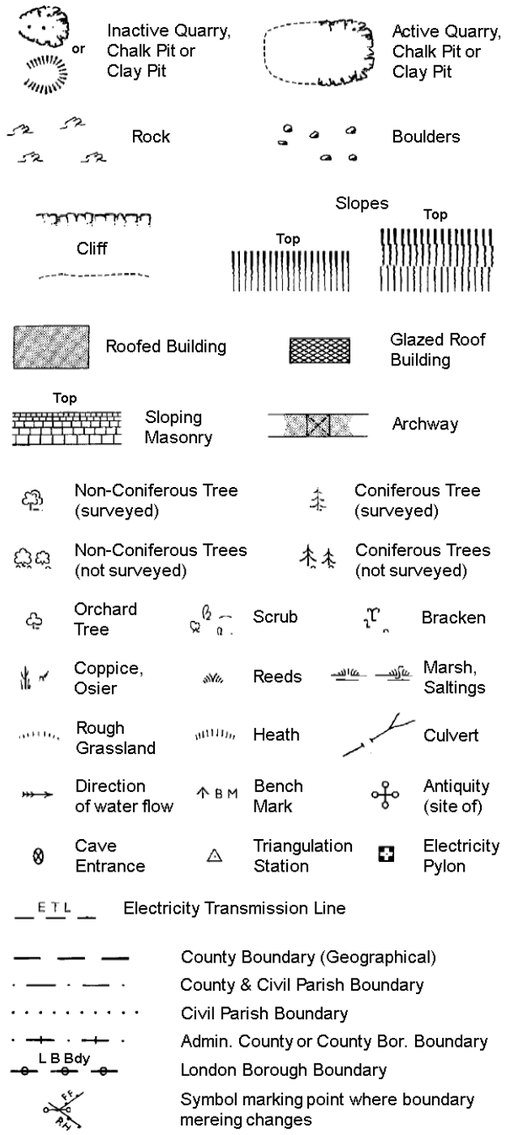
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500




County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | Sl. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

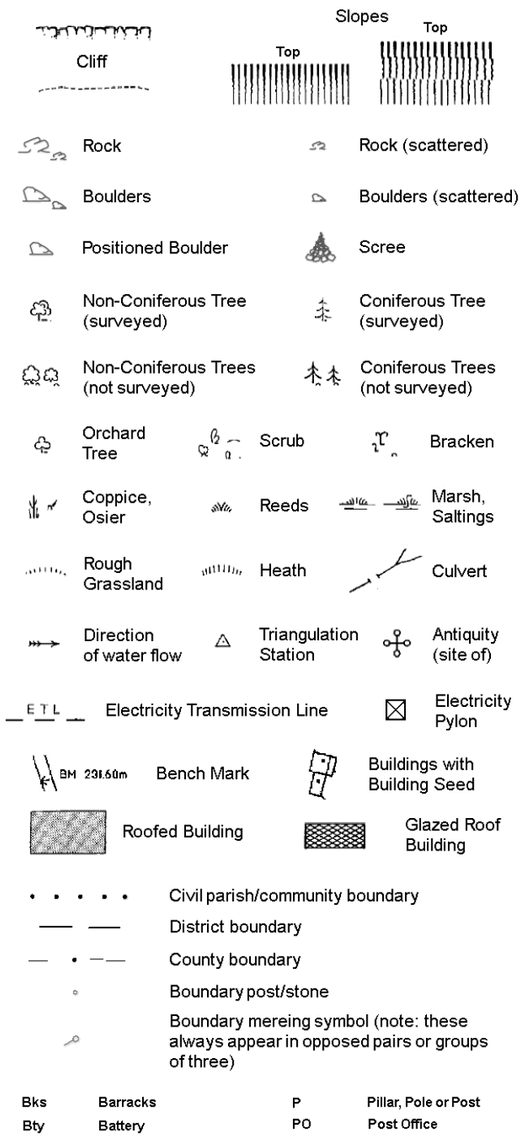
## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250




County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy 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 |
| El 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




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)

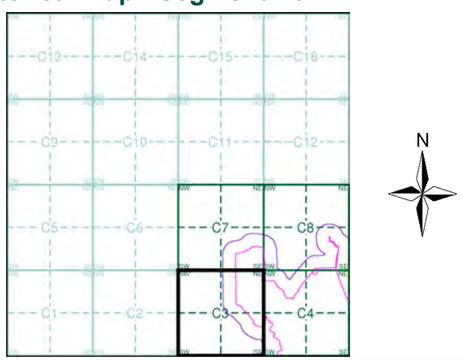
| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El 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 Governer | 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 |

rps

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:2,500 | 1887 | 2 |
| Denbighshire | 1:2,500 | 1899 | 3 |
| Denbighshire | 1:2,500 | 1912 | 4 |
| Ordnance Survey Plan | 1:2,500 | 1963 | 5 |
| Additional SIMs | 1:2,500 | 1963 - 1987 | 6 |
| Large-Scale National Grid Data | 1:2,500 | 1993 | 7 |

## Historical Map - Segment C3



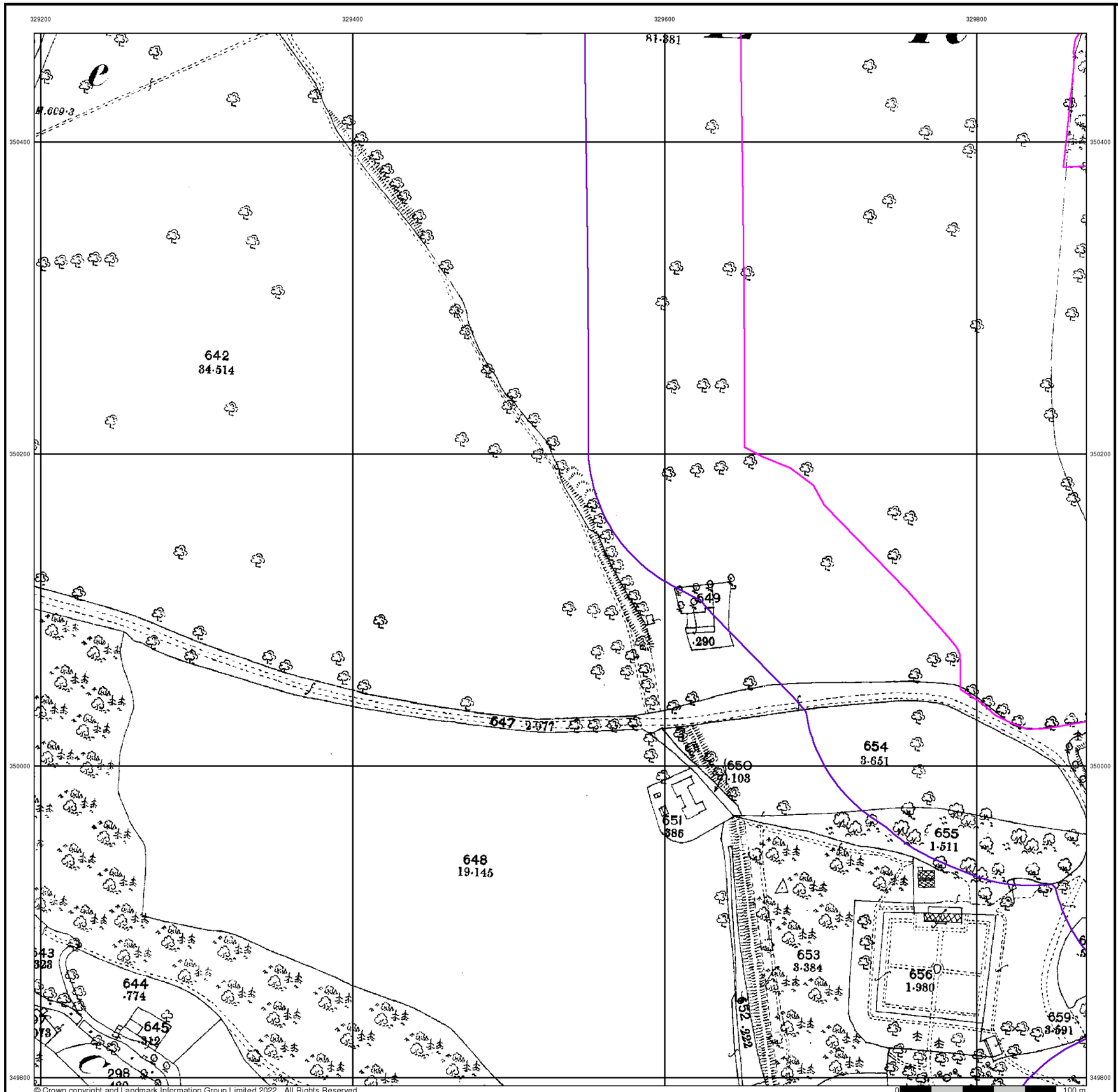

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 329660, 350680
Slice: C
Site Area (Ha): 145.64
Search Buffer (m): 100

## Site Details

Site at 330330, 350090


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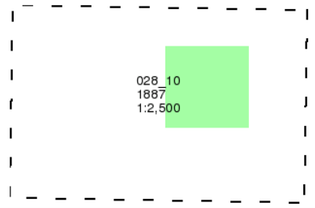
## Denbighshire

## Published 1887

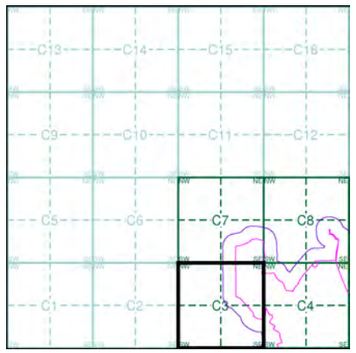
## Source map scale - 1:2,500

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 C3



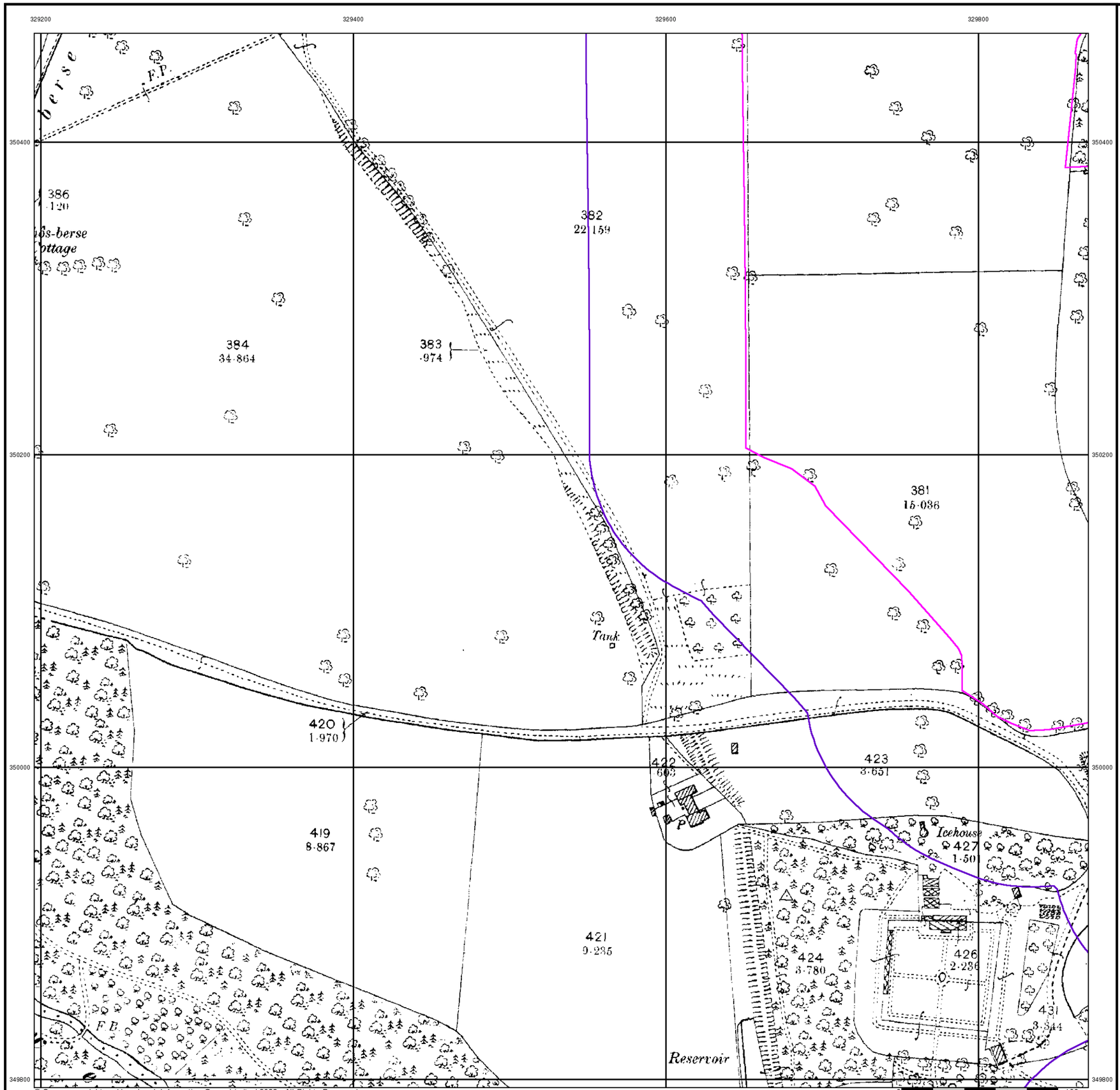

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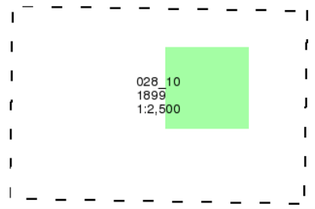
## Denbighshire

## Published 1899

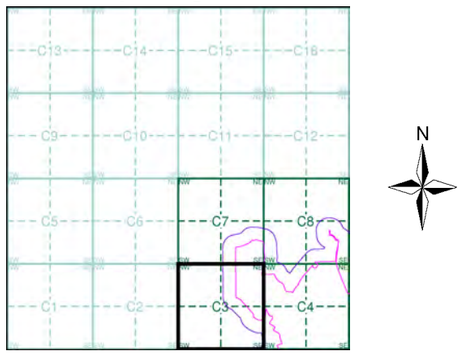
## Source map scale - 1:2,500

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)




### Historical Map - Segment C3



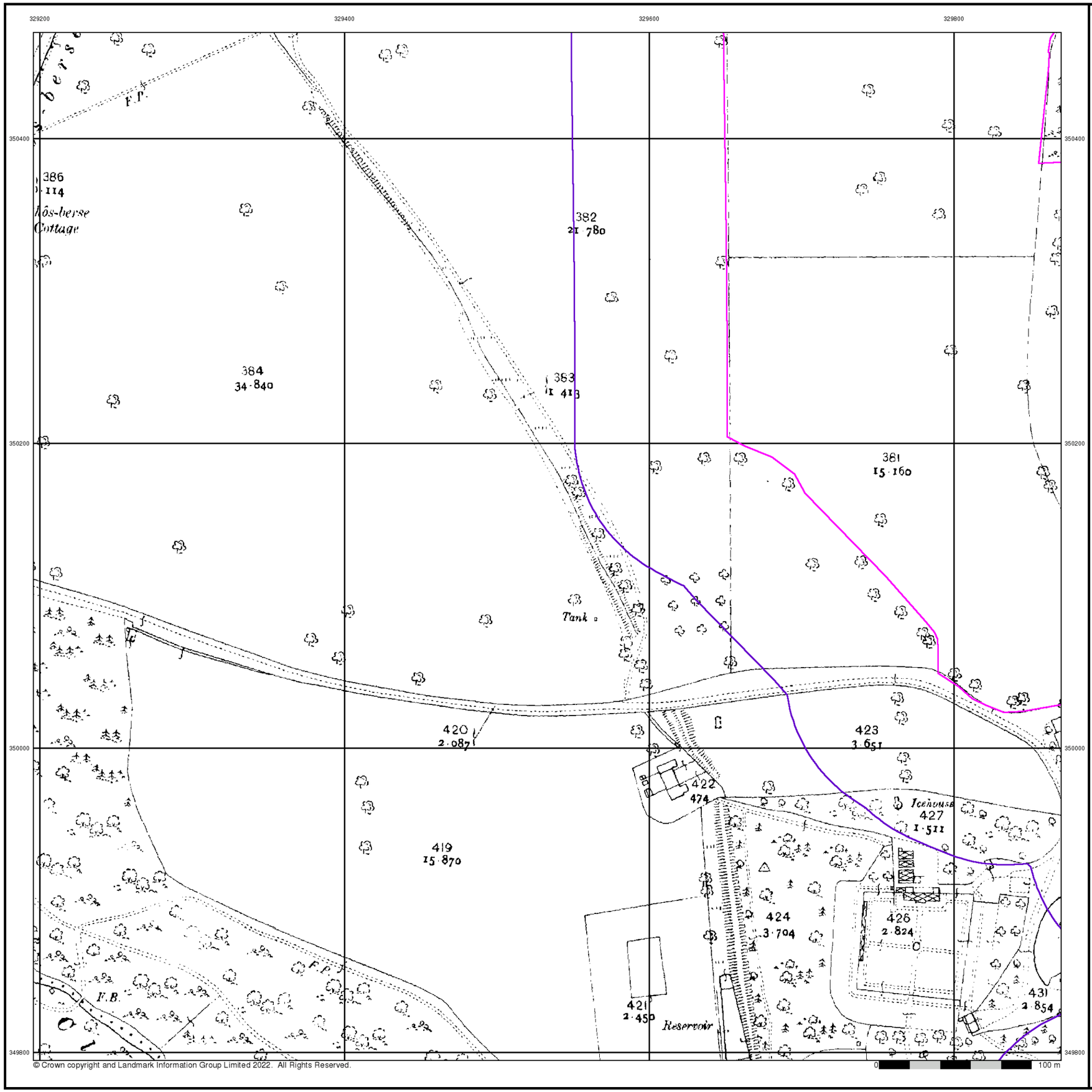

### Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
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Site at 330330, 350090

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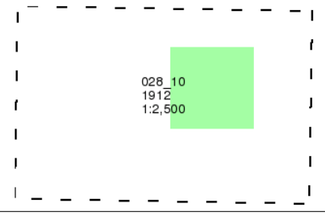
## Denbighshire

## Published 1912

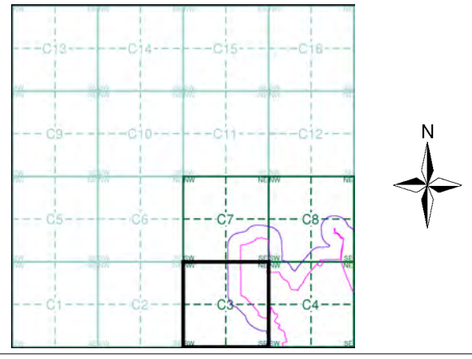
## Source map scale - 1:2,500

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)




## Historical Map - Segment C3



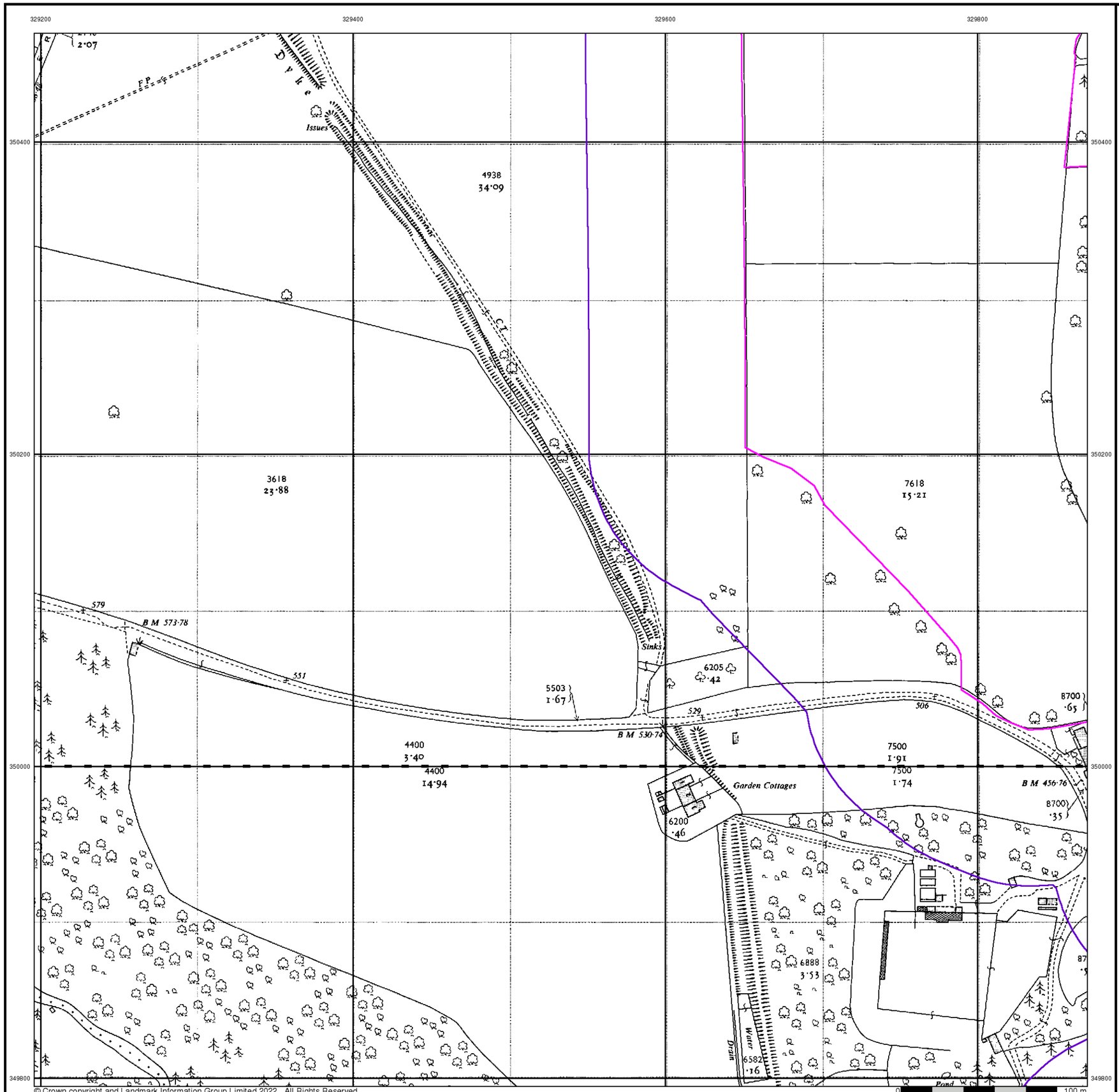

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Site at 330330, 350090

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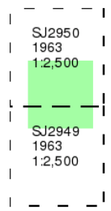
## Ordnance Survey Plan

## Published 1963

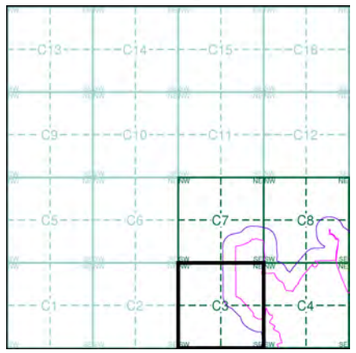
## Source map scale - 1:2,500

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 C3



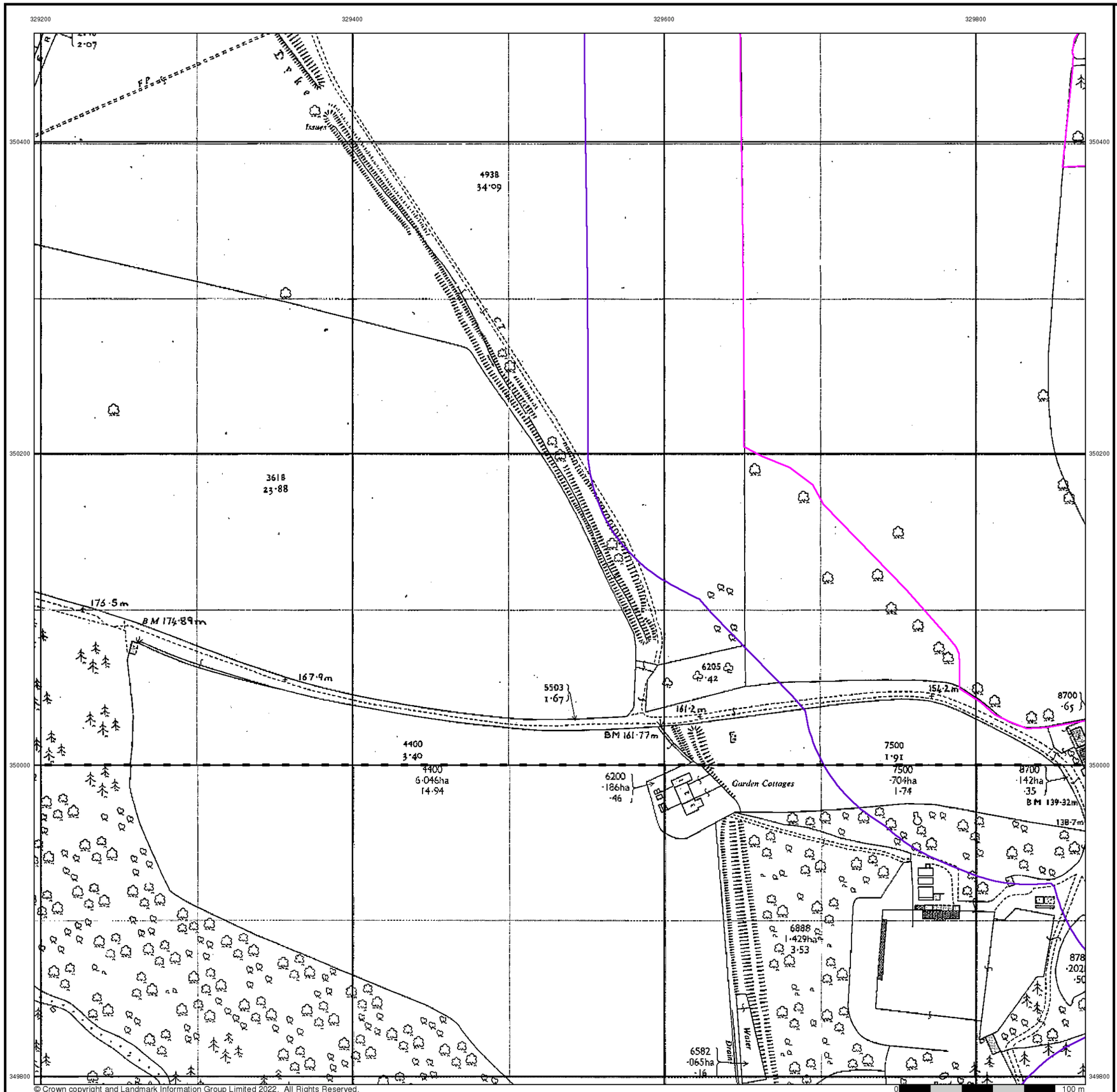

## Order Details

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| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

Site at 330330, 350090

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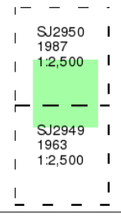
## Additional SIMs

**Published 1963 - 1987**

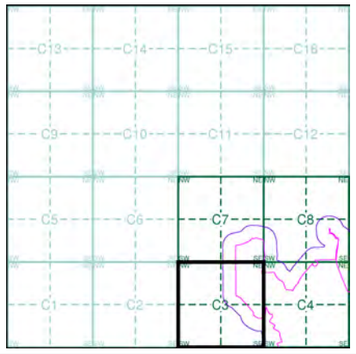
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment C3



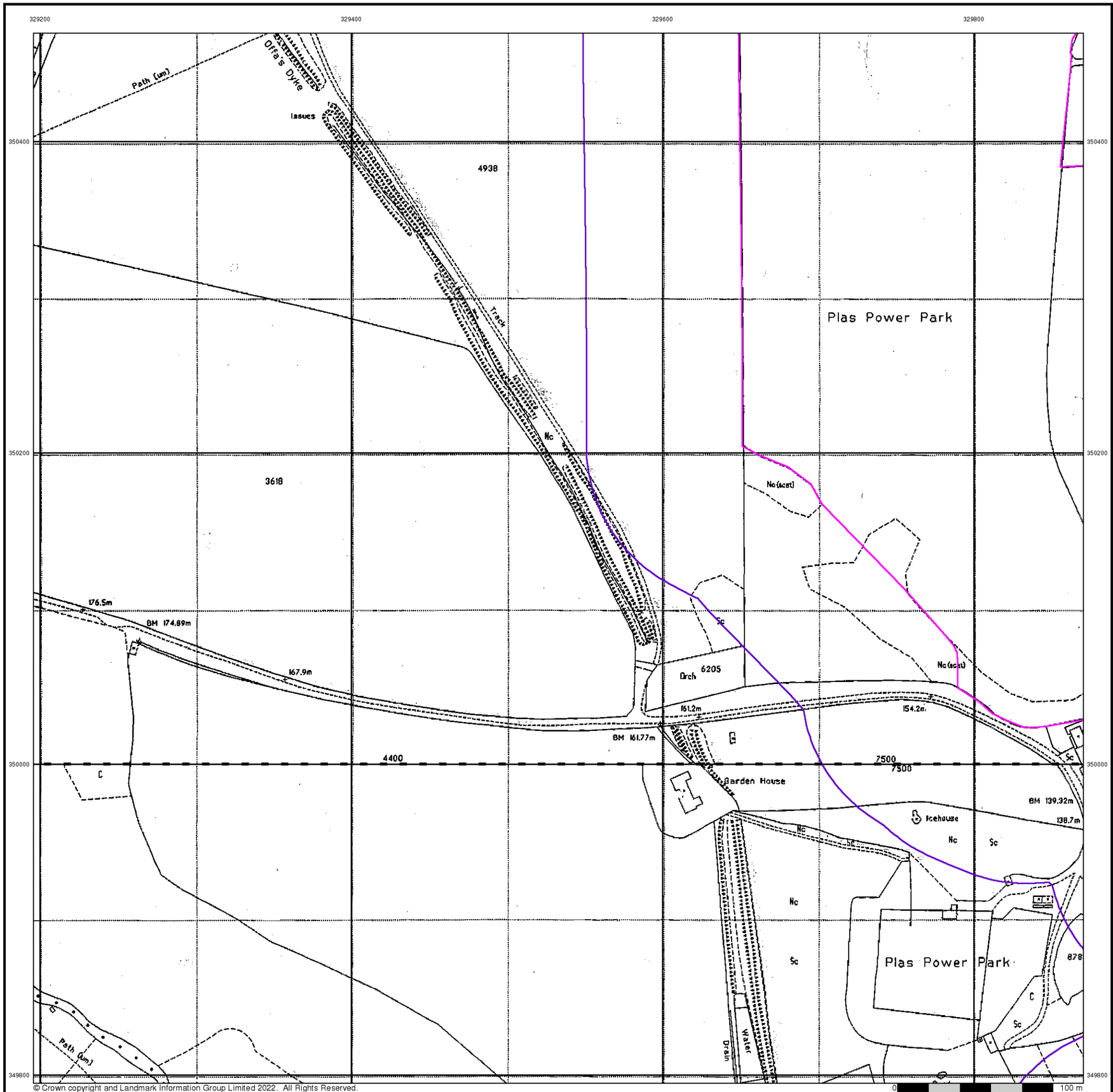

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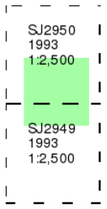
## Large-Scale National Grid Data

**Published 1993**

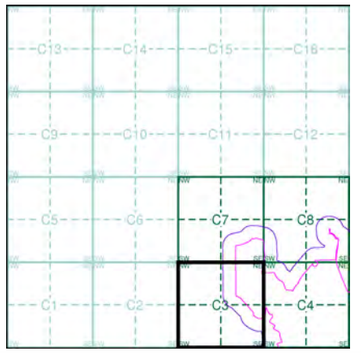
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment C3




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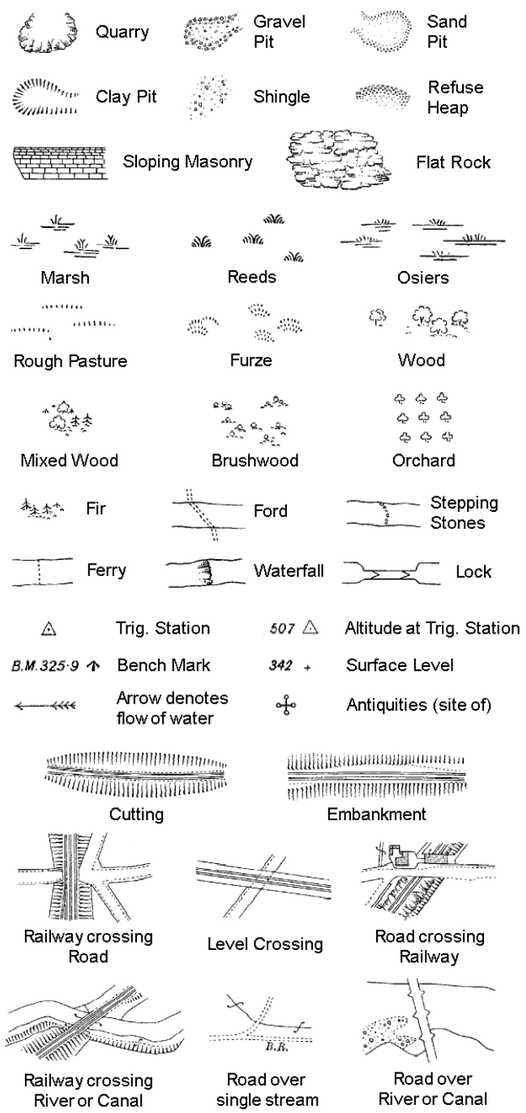
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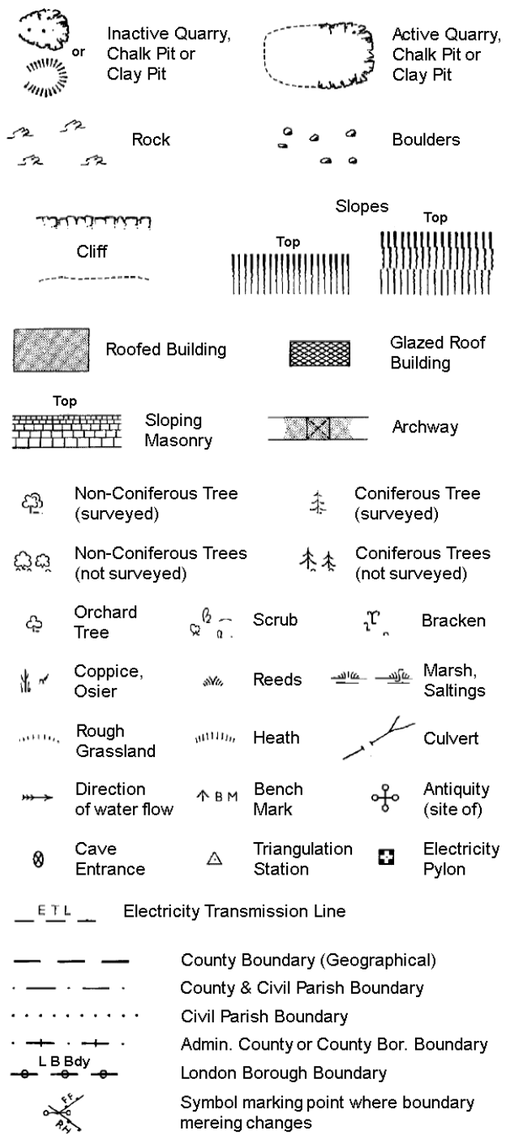
# Historical Mapping Legends

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



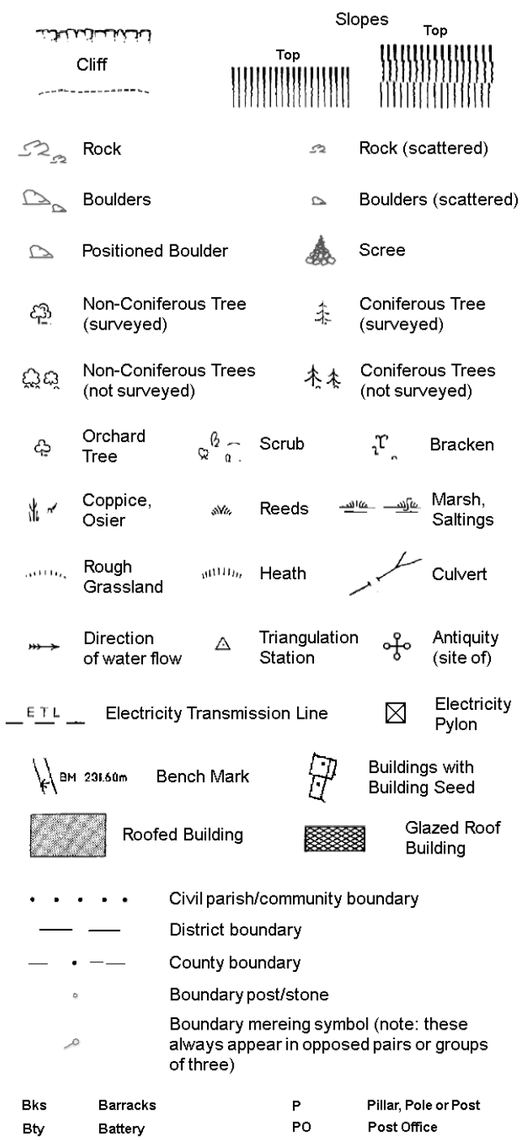

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | St. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| 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




| | | | |
|---|---|---|---|
| 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 |
| El 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



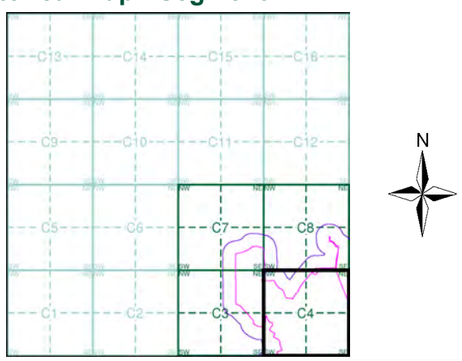

| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El 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 Governer | 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 |

rps

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:2,500 | 1872 - 1887 | 2 |
| Denbighshire | 1:2,500 | 1899 | 3 |
| Denbighshire | 1:2,500 | 1912 | 4 |
| Ordnance Survey Plan | 1:2,500 | 1962 - 1963 | 5 |
| Additional SIMs | 1:2,500 | 1963 - 1987 | 6 |
| Ordnance Survey Plan | 1:2,500 | 1976 - 1977 | 7 |
| Large-Scale National Grid Data | 1:2,500 | 1992 - 1993 | 8 |

## Historical Map - Segment C4



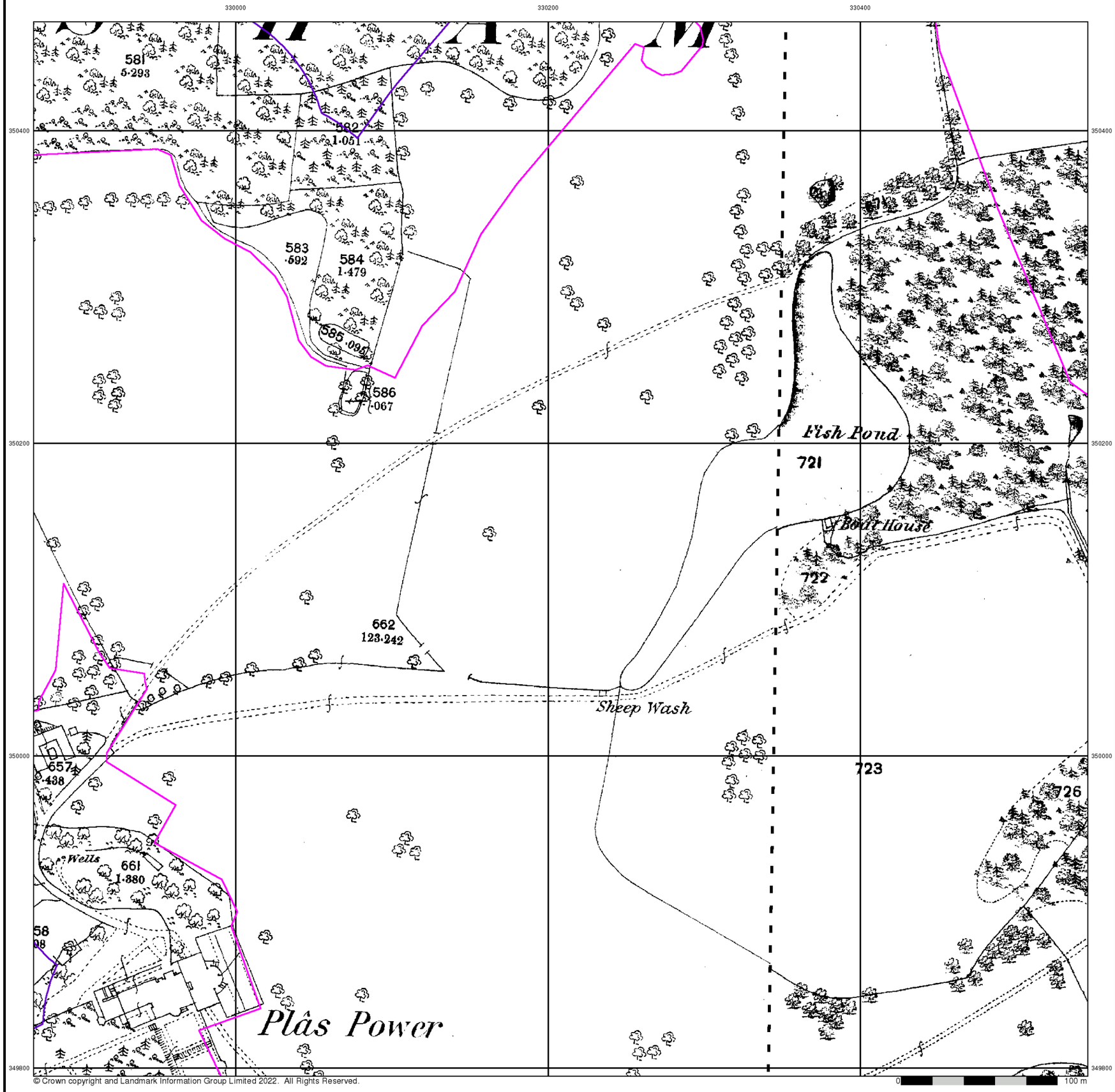

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
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Site Area (Ha): 145.64
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## Site Details

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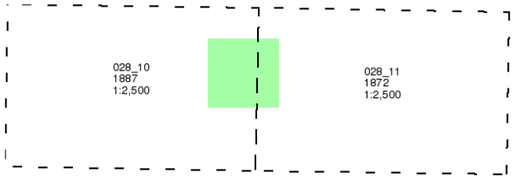
## Denbighshire

## Published 1872 - 1887

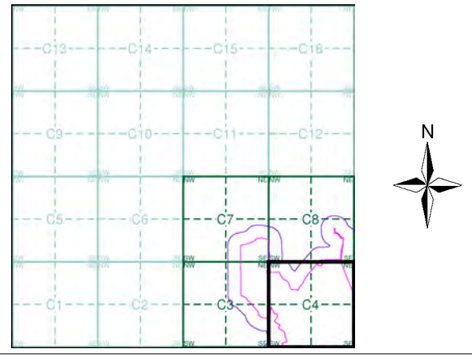
## Source map scale - 1:2,500

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 C4



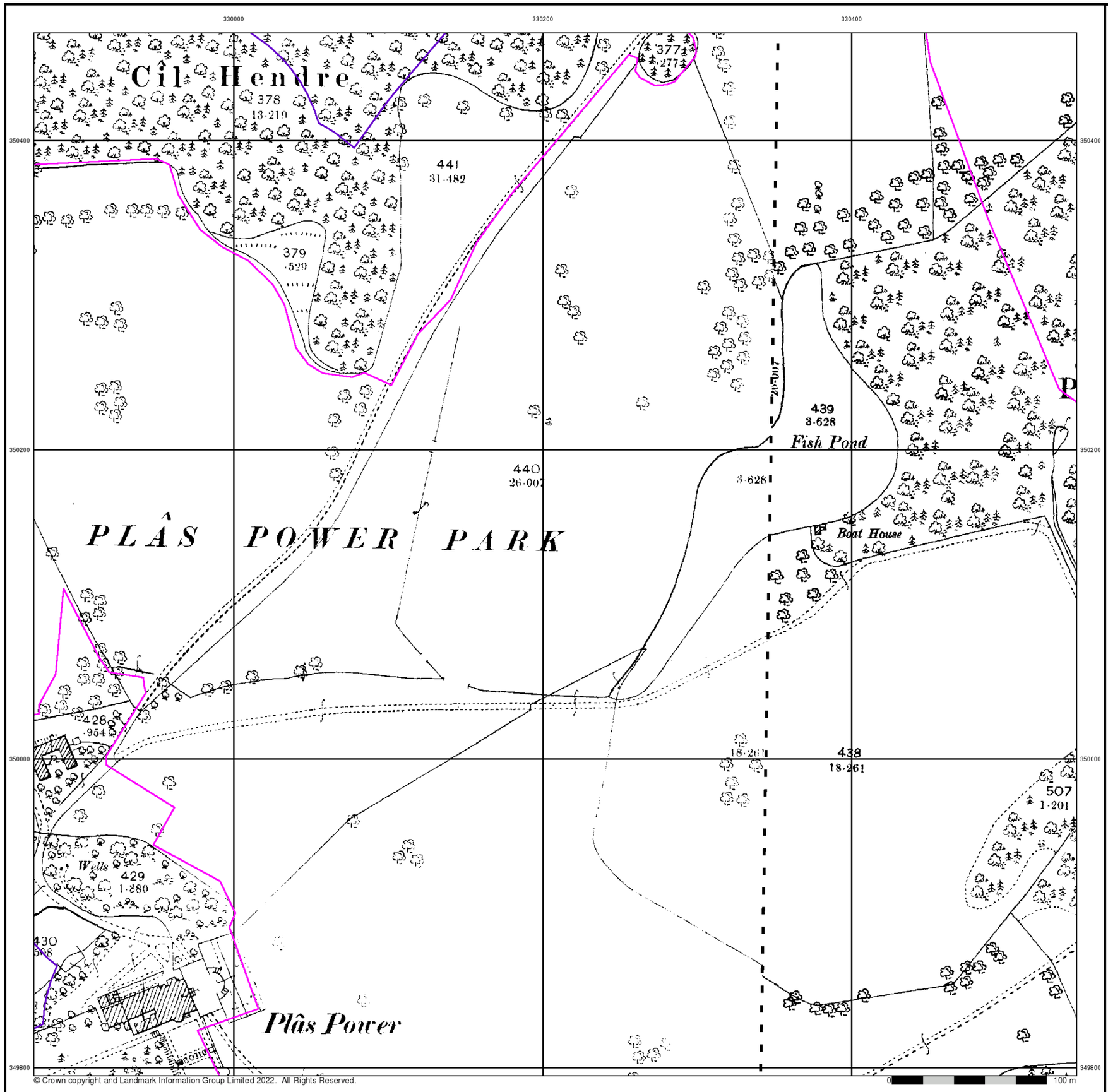

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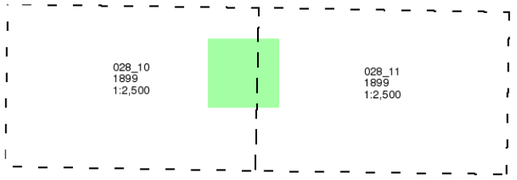

**Denbighshire**

**Published 1899**

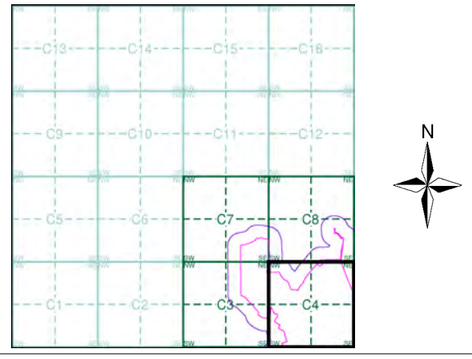
**Source map scale - 1:2,500**

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




## Historical Map - Segment C4



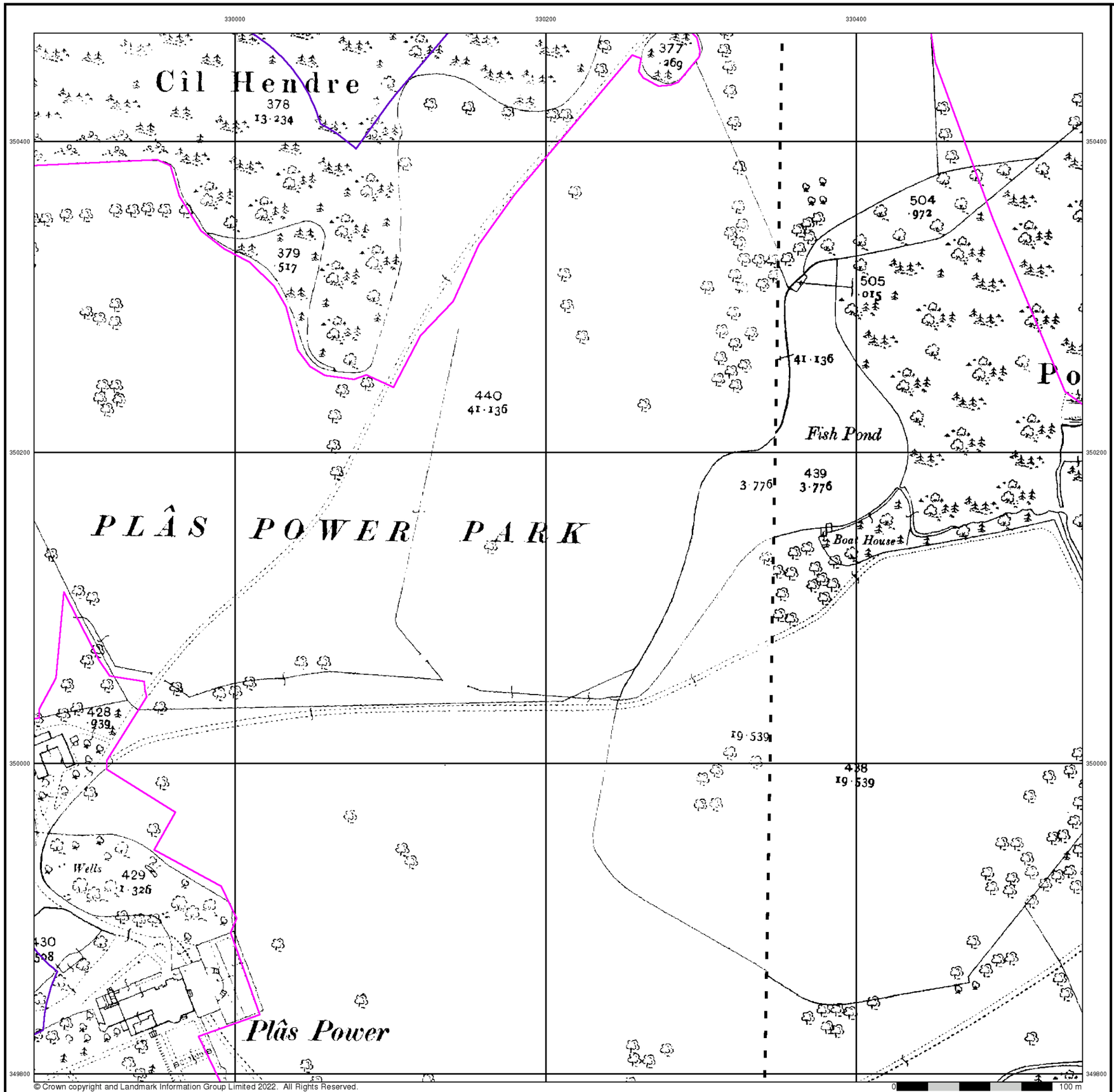

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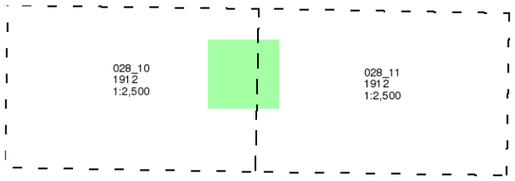
## Denbighshire

## Published 1912

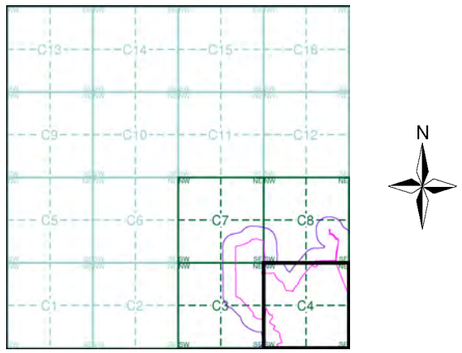
## Source map scale - 1:2,500

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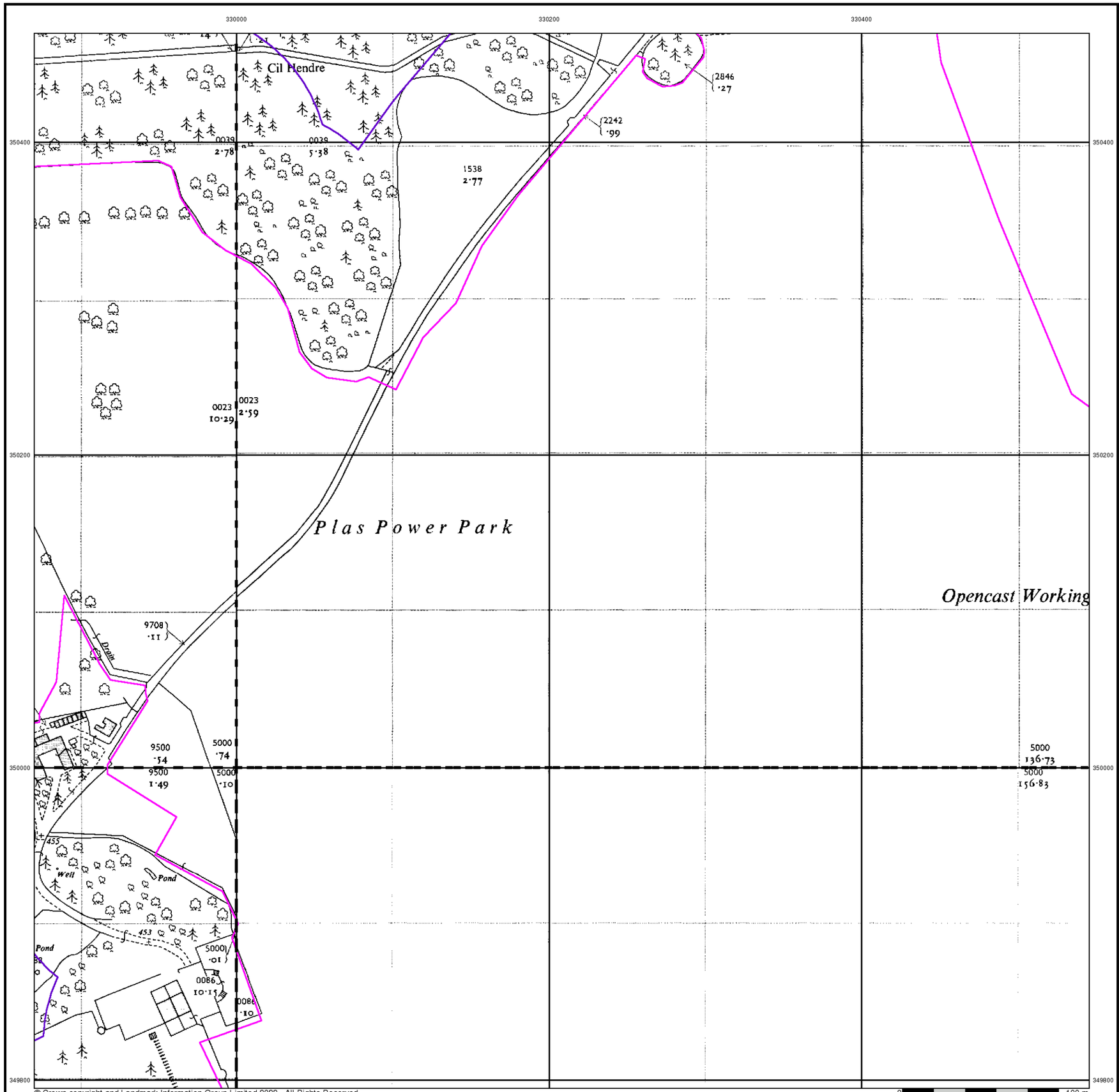

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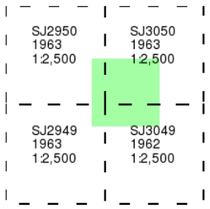
## Ordnance Survey Plan

## Published 1962 - 1963

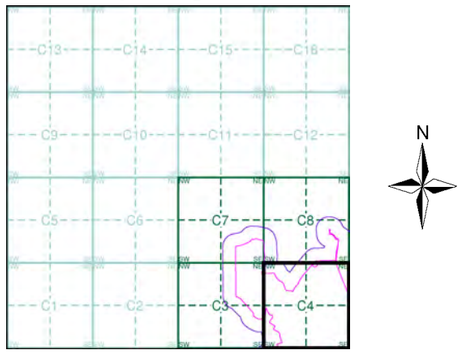
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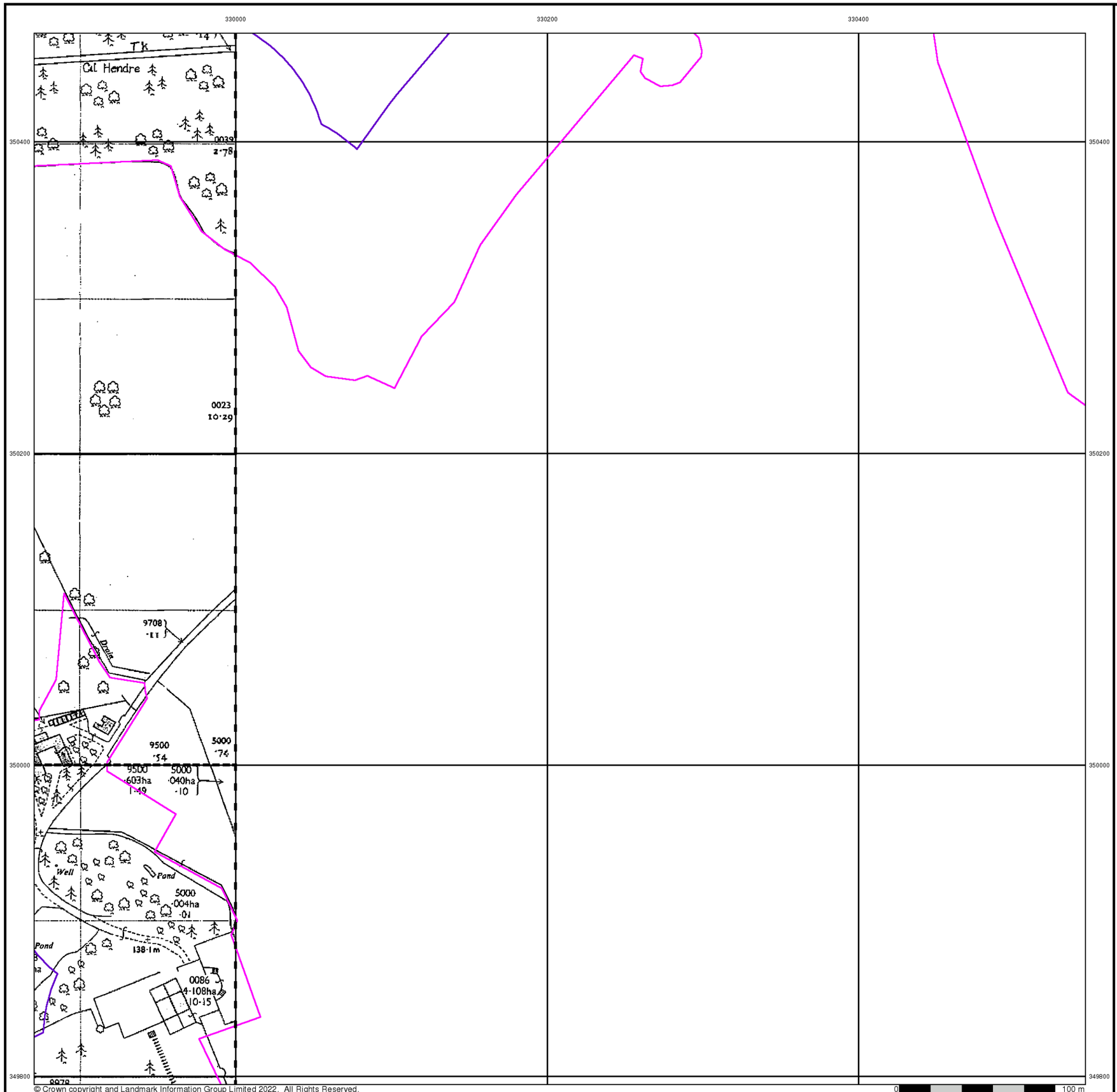

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0 100 m

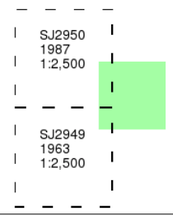
## Additional SIMs

**Published 1963 - 1987**

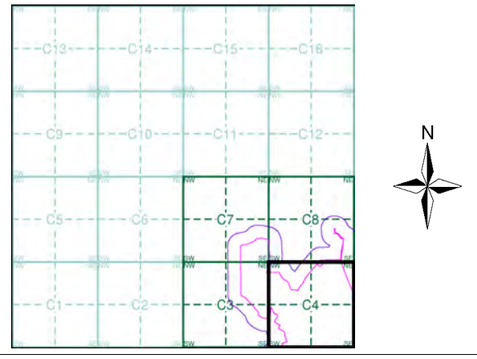
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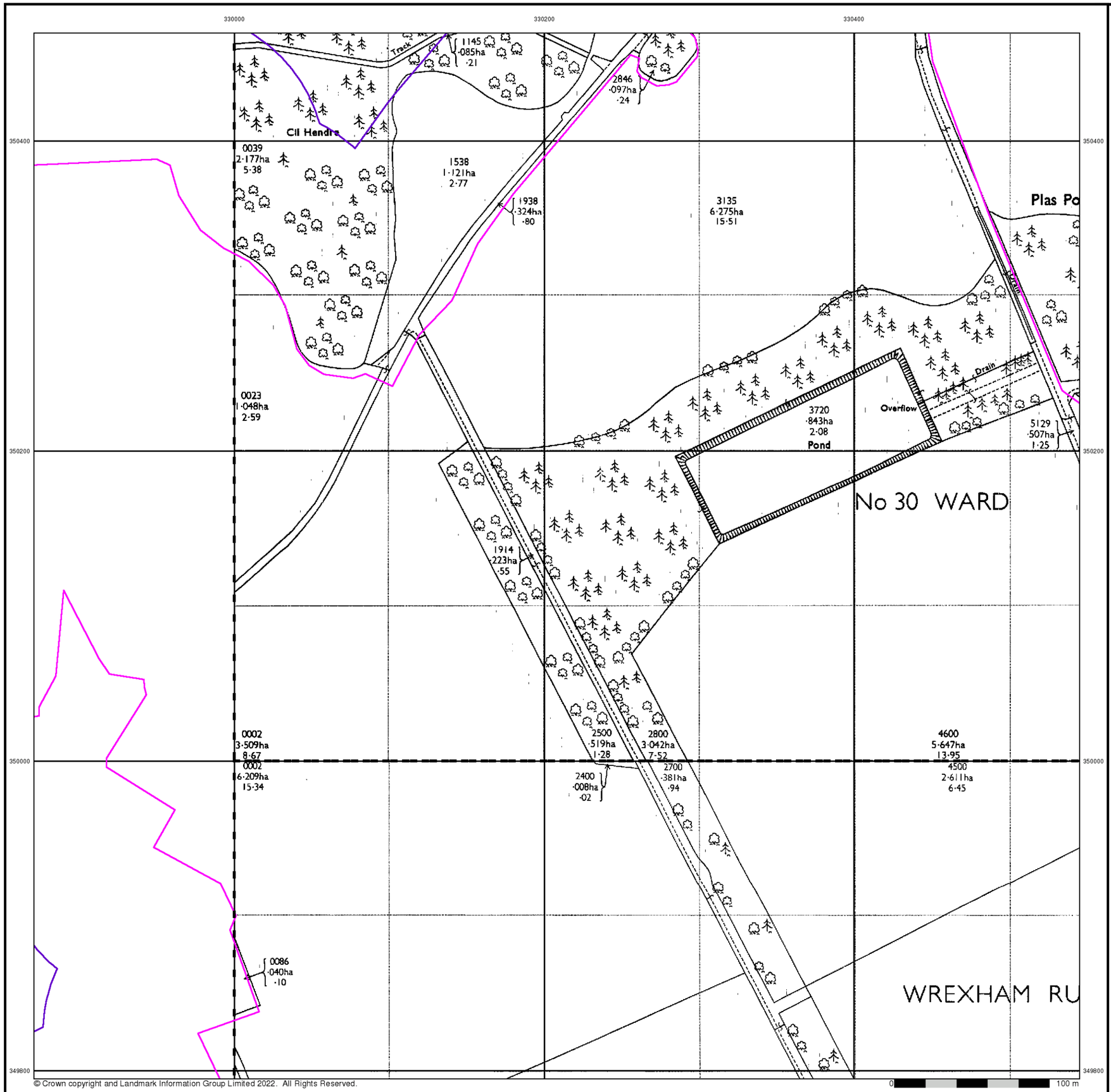

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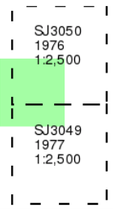
## Ordnance Survey Plan

**Published 1976 - 1977**

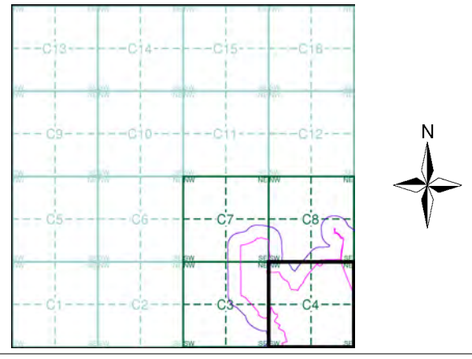
**Source map scale - 1:2,500**

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## Historical Map - Segment C4



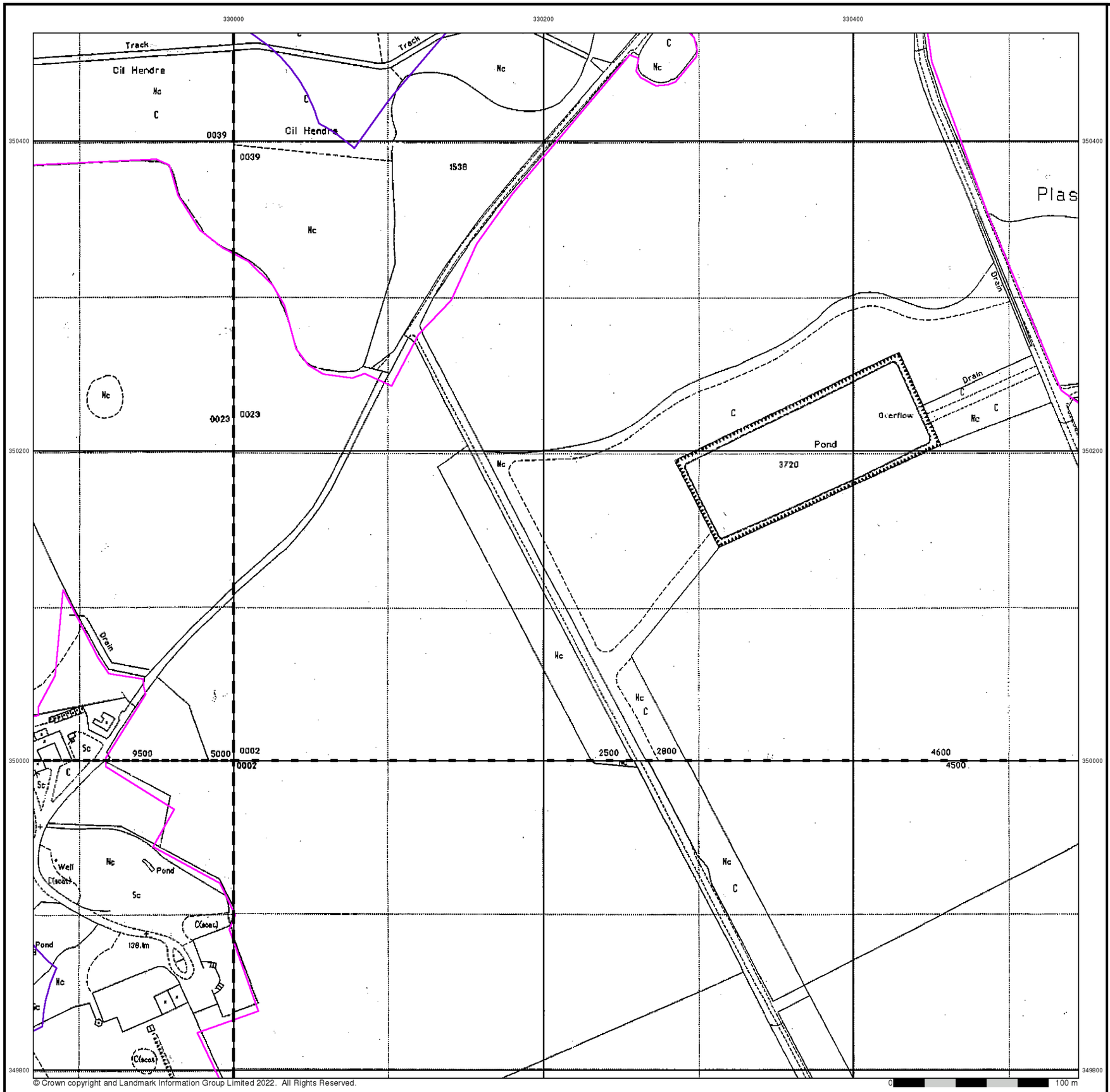

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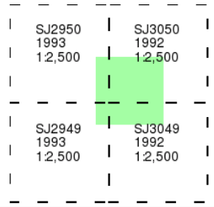
## Large-Scale National Grid Data

**Published 1992 - 1993**

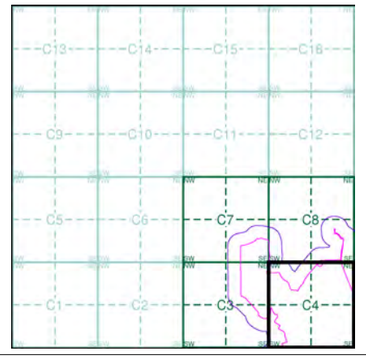
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment C4




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

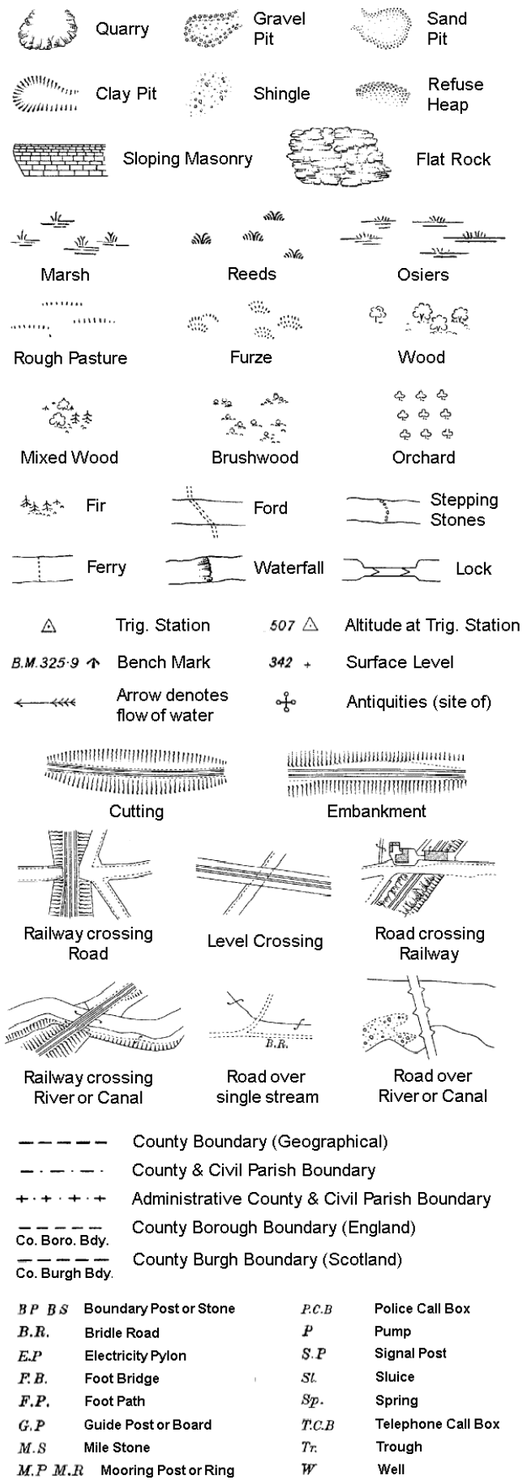
## Site Details

Site at 330330, 350090

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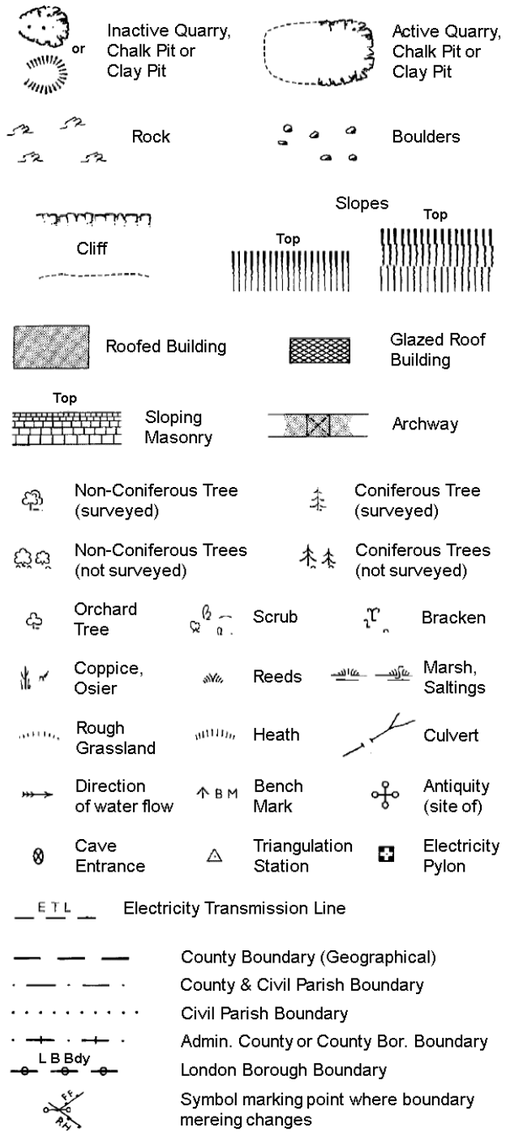
# Historical Mapping Legends

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



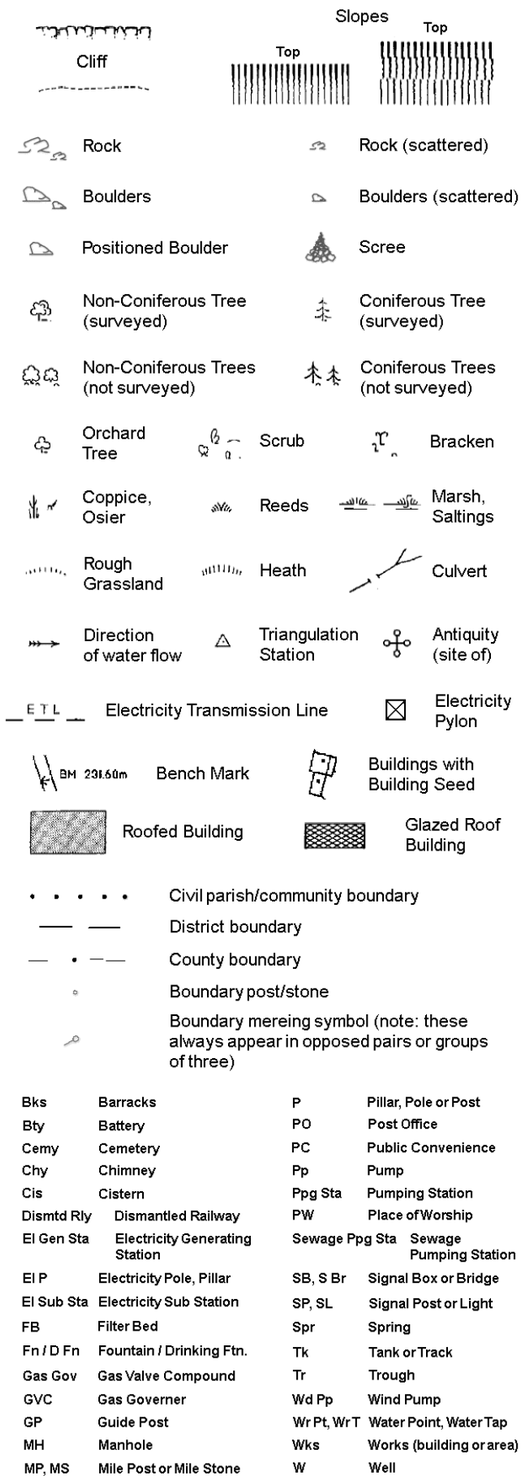

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | St. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| 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




| | | | |
|---|---|---|---|
| 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 |
| El 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



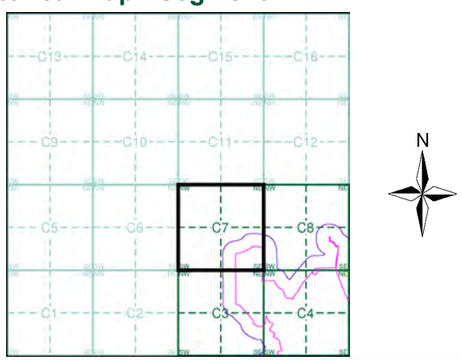

| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El 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 Governer | 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 |

rps

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:2,500 | 1873 - 1887 | 2 |
| Denbighshire | 1:2,500 | 1899 | 3 |
| Denbighshire | 1:2,500 | 1912 | 4 |
| Ordnance Survey Plan | 1:2,500 | 1963 - 1964 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1968 | 6 |
| Ordnance Survey Plan | 1:2,500 | 1984 | 7 |
| Additional SIMs | 1:2,500 | 1987 | 8 |
| Large-Scale National Grid Data | 1:2,500 | 1993 | 9 |

## Historical Map - Segment C7



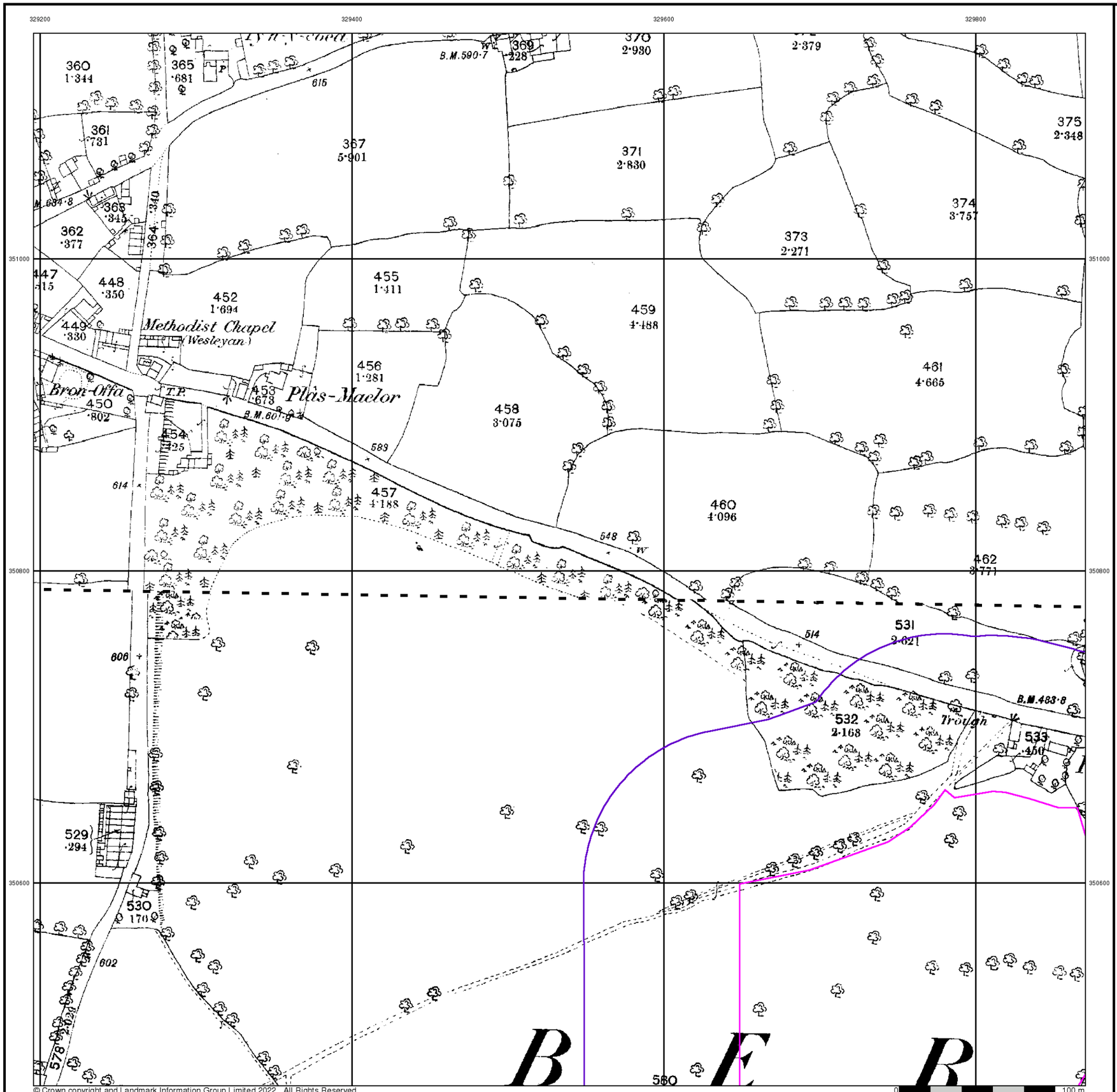

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 329660, 350680
Slice: C
Site Area (Ha): 145.64
Search Buffer (m): 100

## Site Details

Site at 330330, 350090


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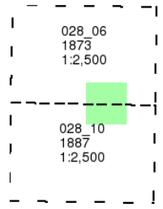
## Denbighshire

## Published 1873 - 1887

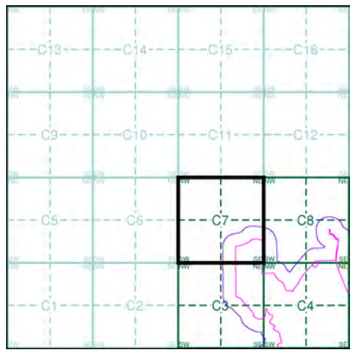
## Source map scale - 1:2,500

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 C7



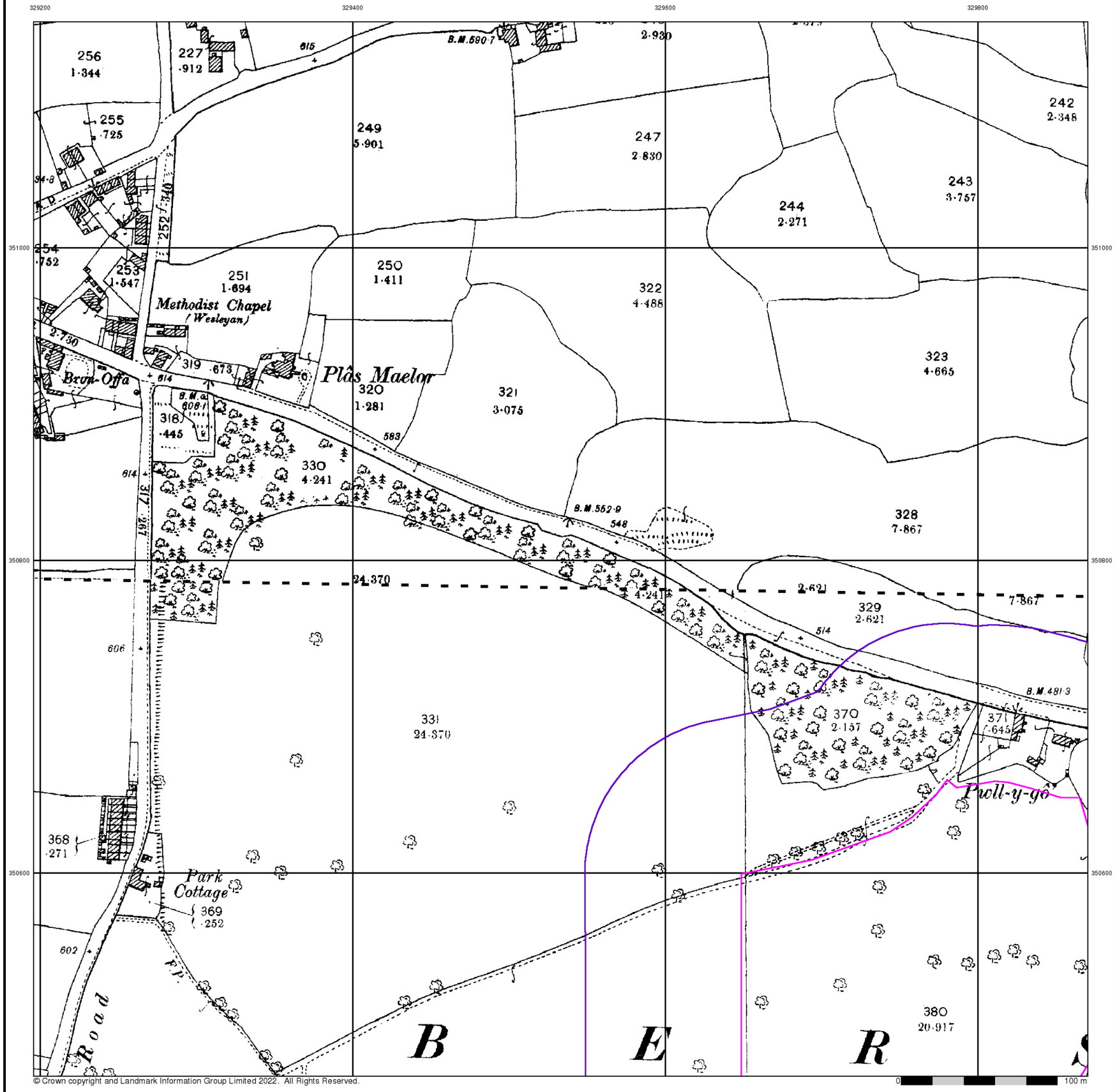

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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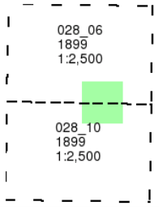
## Denbighshire

## Published 1899

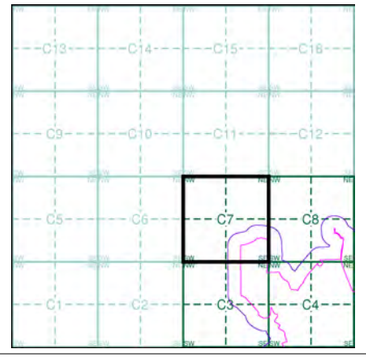
## Source map scale - 1:2,500

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)




## Historical Map - Segment C7



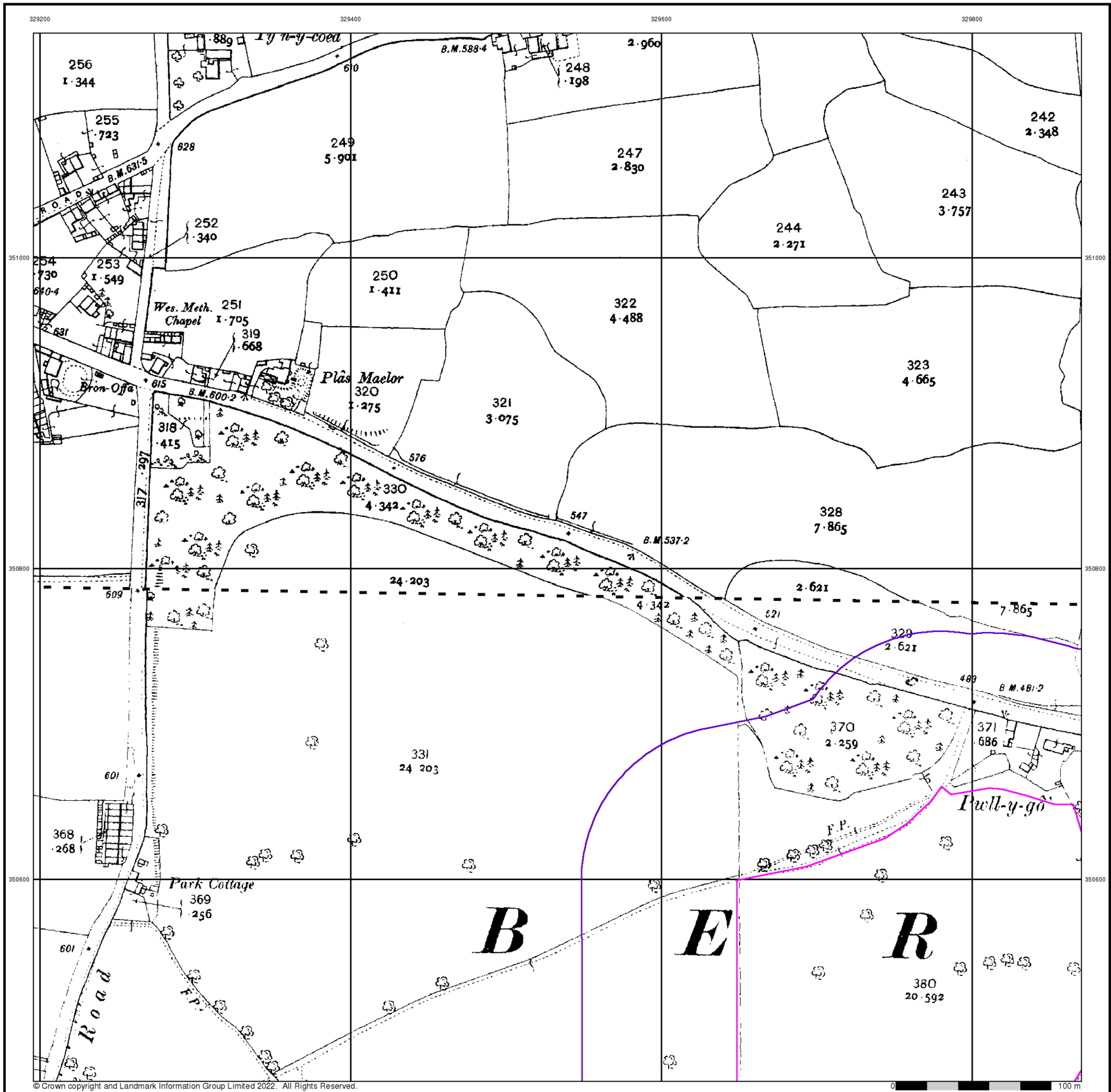

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
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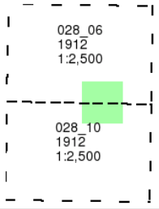

## Denbighshire

## Published 1912

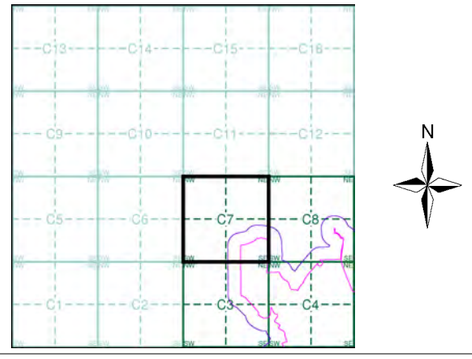
## Source map scale - 1:2,500

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)




## Historical Map - Segment C7



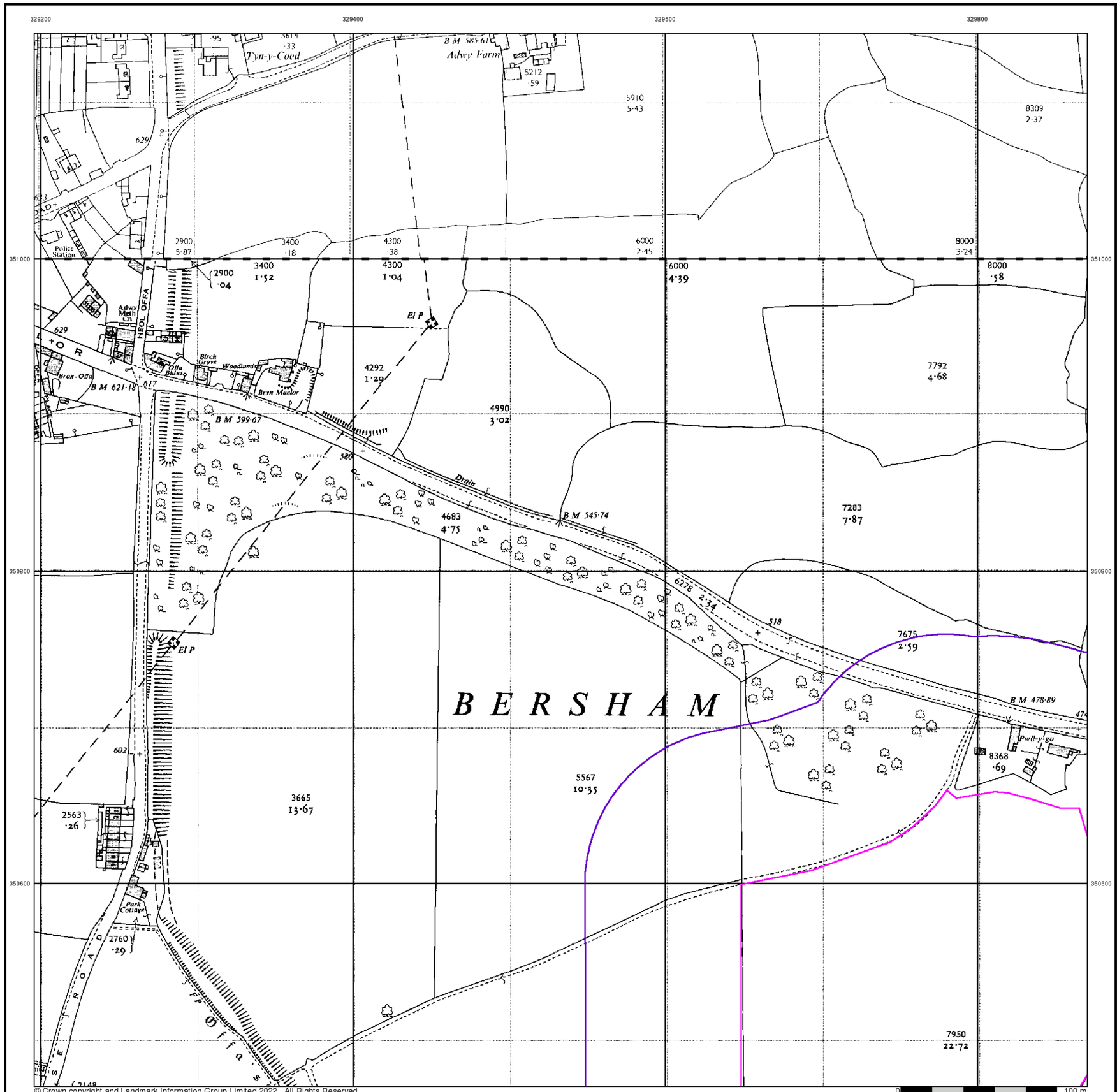

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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## Ordnance Survey Plan

## Published 1963 - 1964

## Source map scale - 1:2,500

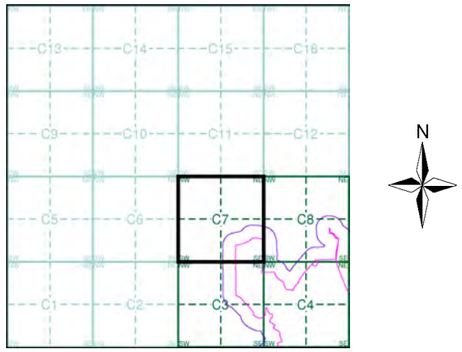
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)

SJ2951
1964
1:2,500

SJ2950
1963
1:2,500

## Historical Map - Segment C7



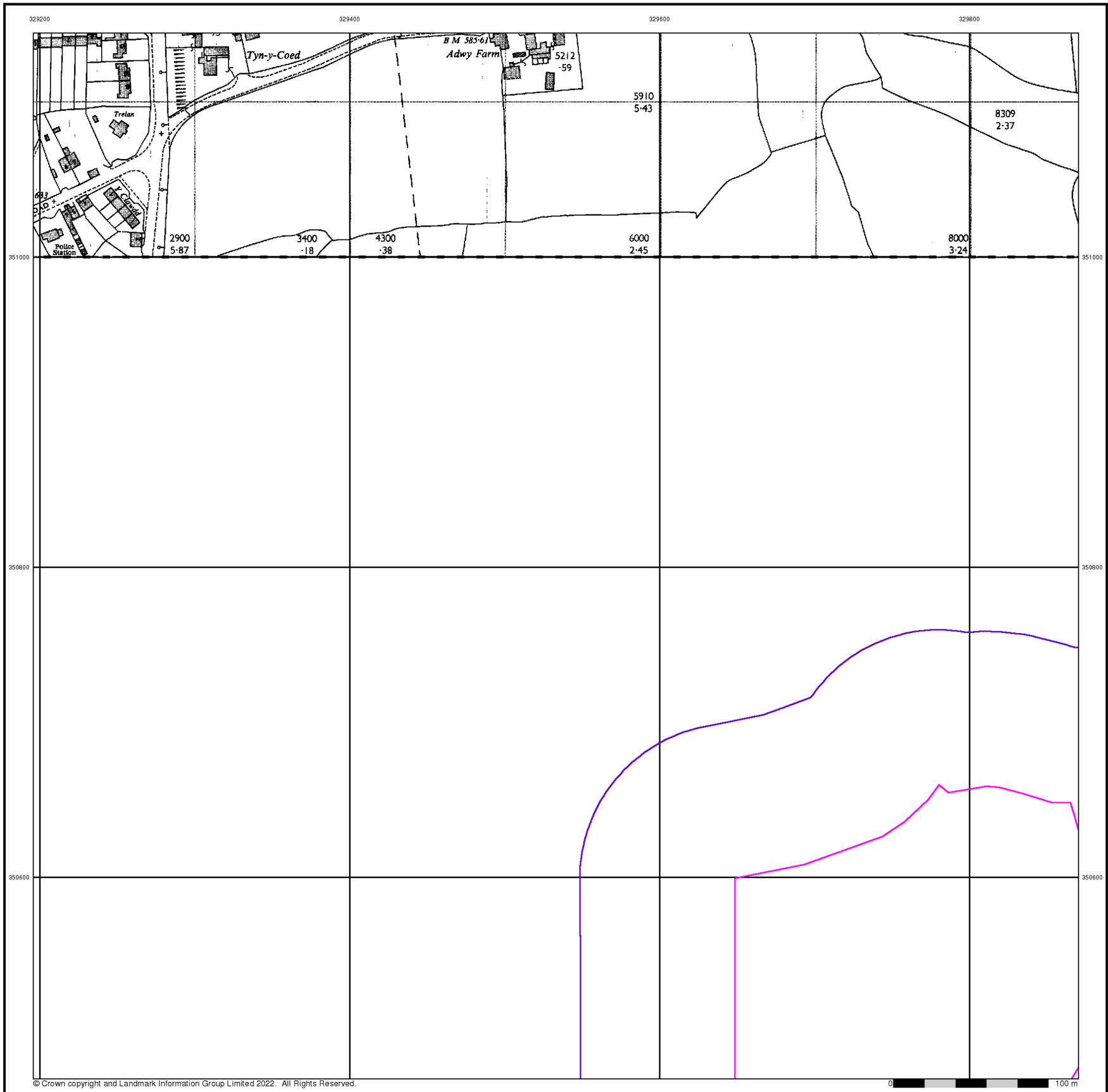

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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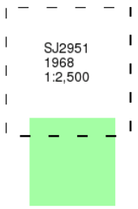
## Ordnance Survey Plan

## Published 1968

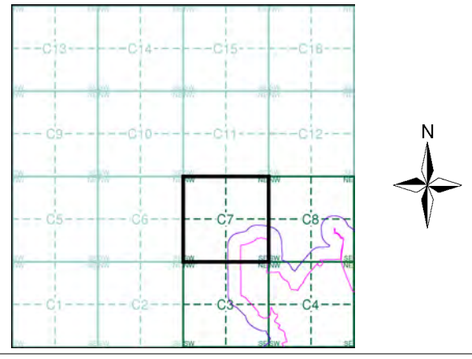
## Source map scale - 1:2,500

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 C7



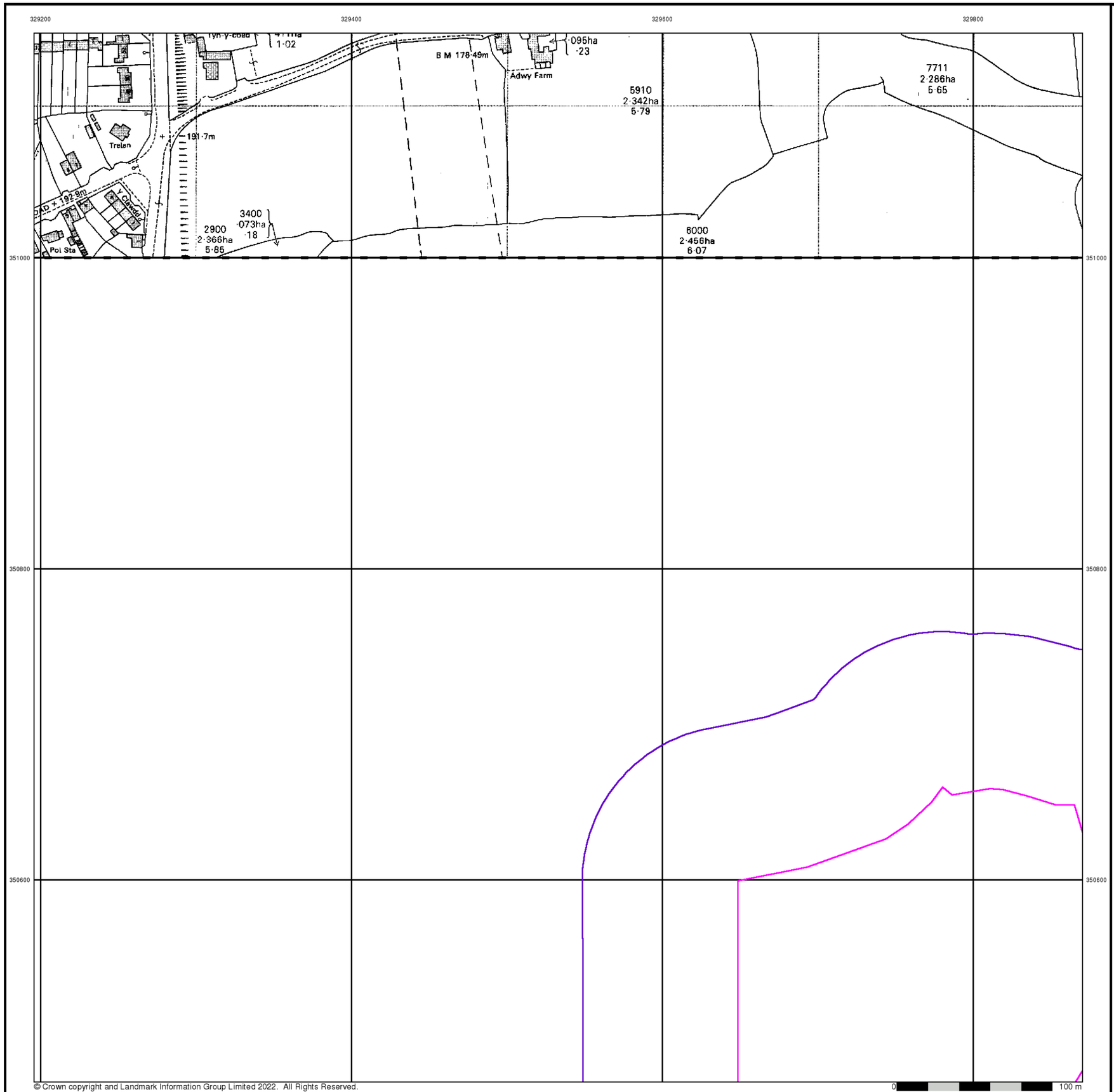

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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| Slice: | C |
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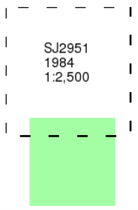
## Ordnance Survey Plan

## Published 1984

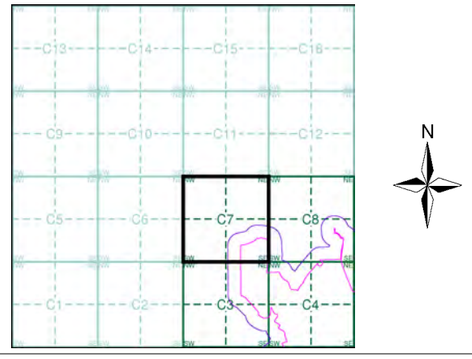
## Source map scale - 1:2,500

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

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




## Historical Map - Segment C7



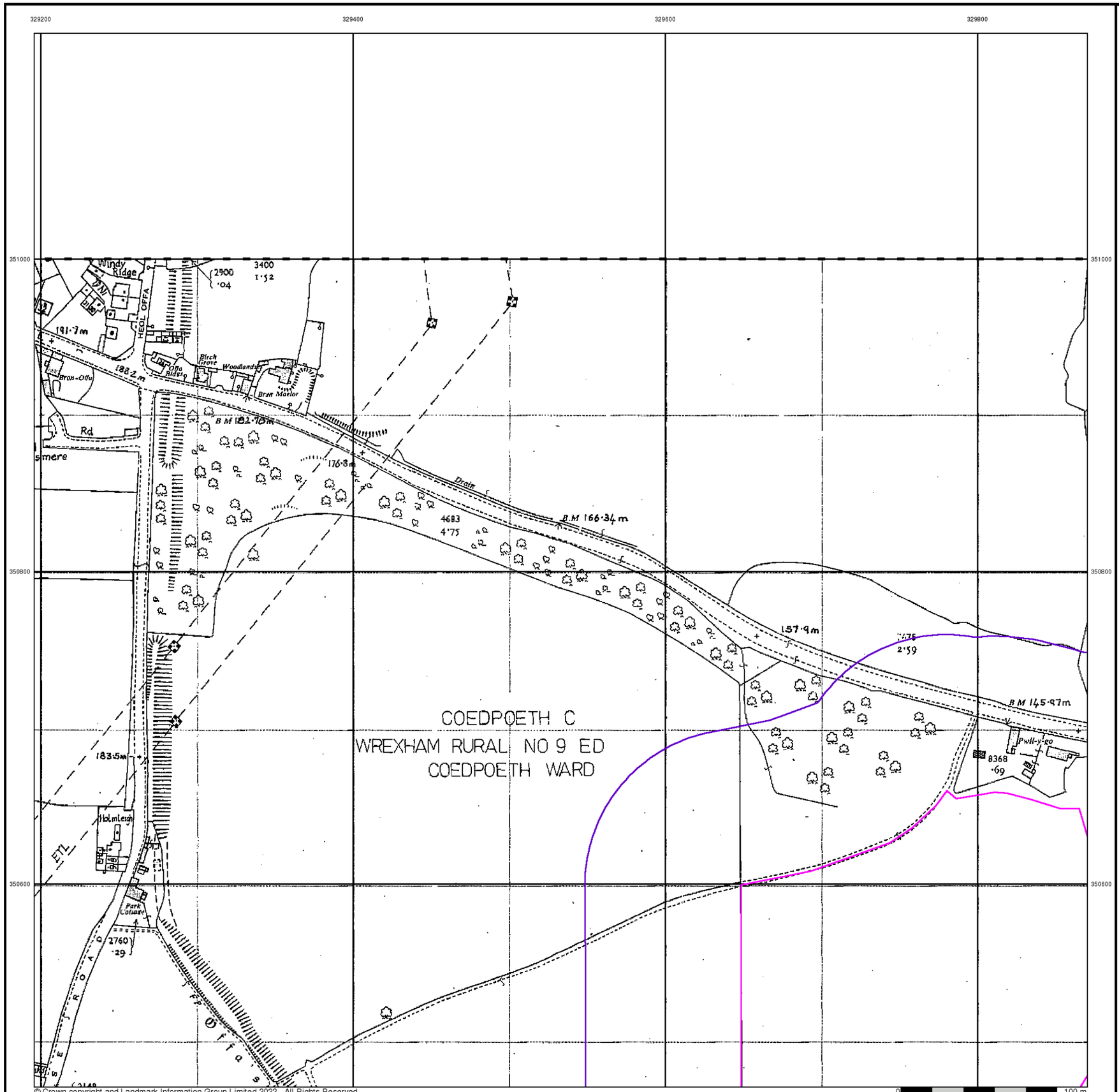

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
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## Site Details

Site at 330330, 350090

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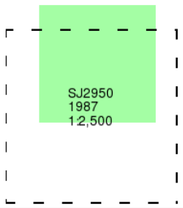
## Additional SIMs

**Published 1987**

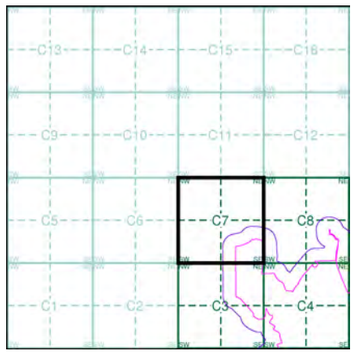
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment C7




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

Site at 330330, 350090

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# Large-Scale National Grid Data

## Published 1993

## Source map scale - 1:2,500

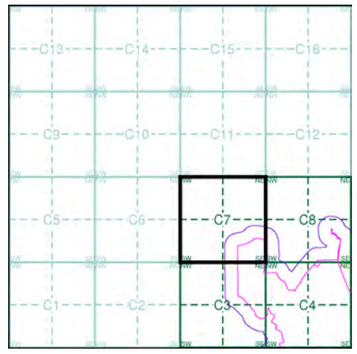
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

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

SJ2951
1993
1:2,500

SJ2950
1993
1:2,500

## Historical Map - Segment C7




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

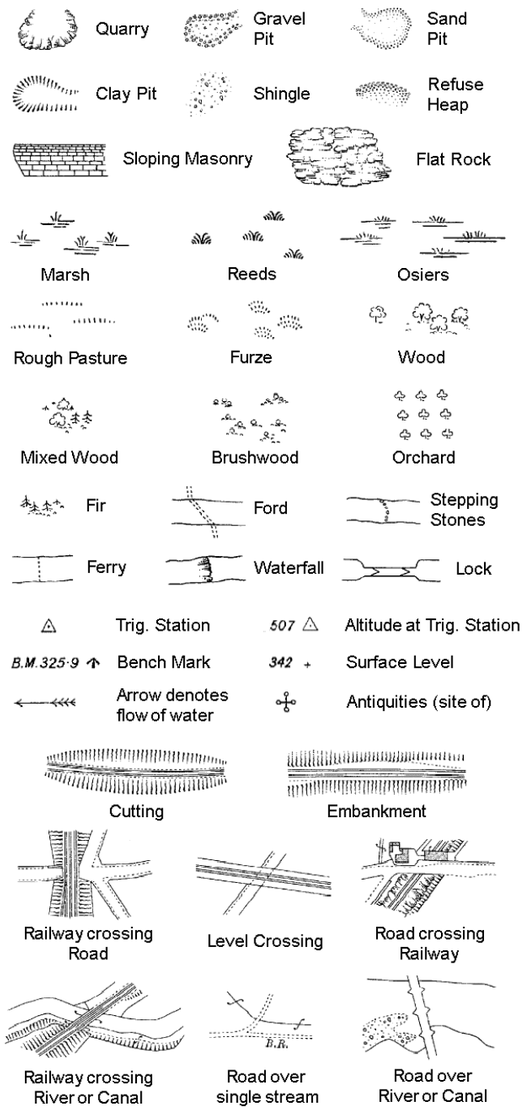
## Site Details

Site at 330330, 350090


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# Historical Mapping Legends

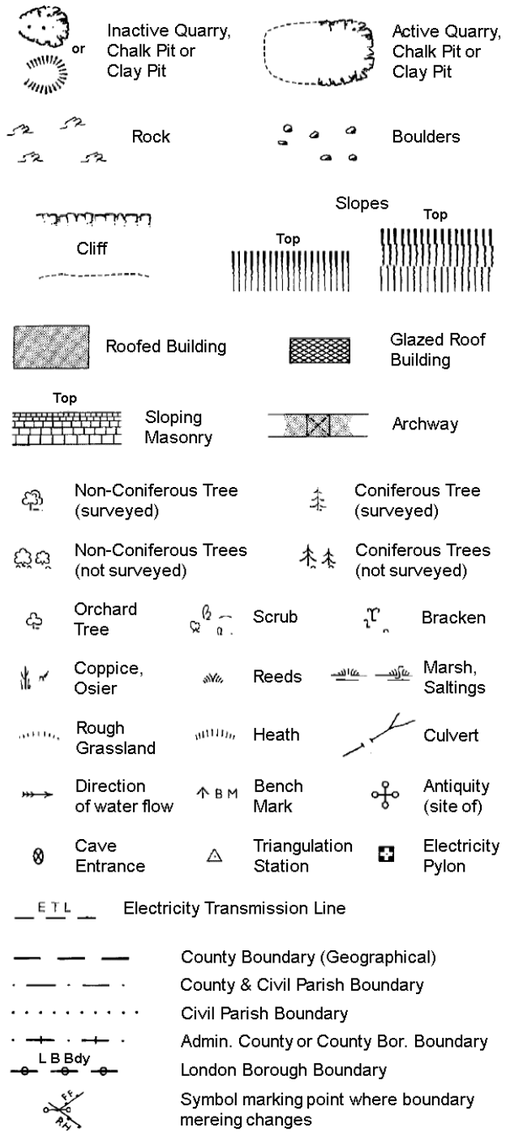
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500




County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | Sl. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

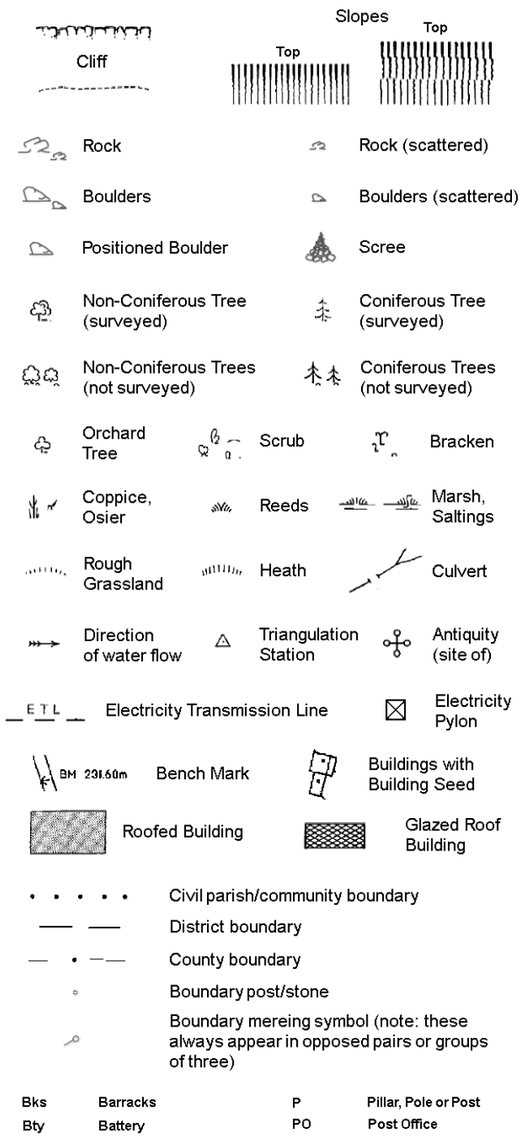
## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250




County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy 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 |
| El 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




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)

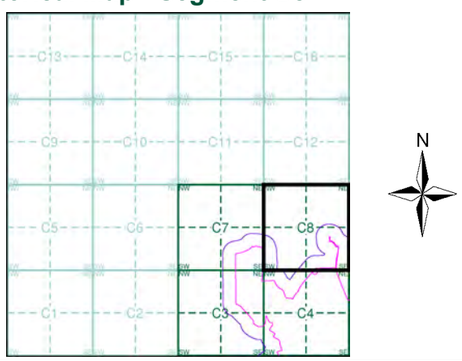
| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El 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 Governer | 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 |

rps

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:2,500 | 1872 - 1887 | 2 |
| Denbighshire | 1:2,500 | 1899 | 3 |
| Denbighshire | 1:2,500 | 1912 | 4 |
| Denbighshire | 1:2,500 | 1939 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1963 - 1964 | 6 |
| Ordnance Survey Plan | 1:2,500 | 1968 - 1976 | 7 |
| Additional SIMs | 1:2,500 | 1983 - 1987 | 8 |
| Ordnance Survey Plan | 1:2,500 | 1984 | 9 |
| Large-Scale National Grid Data | 1:2,500 | 1992 - 1993 | 10 |

## Historical Map - Segment C8



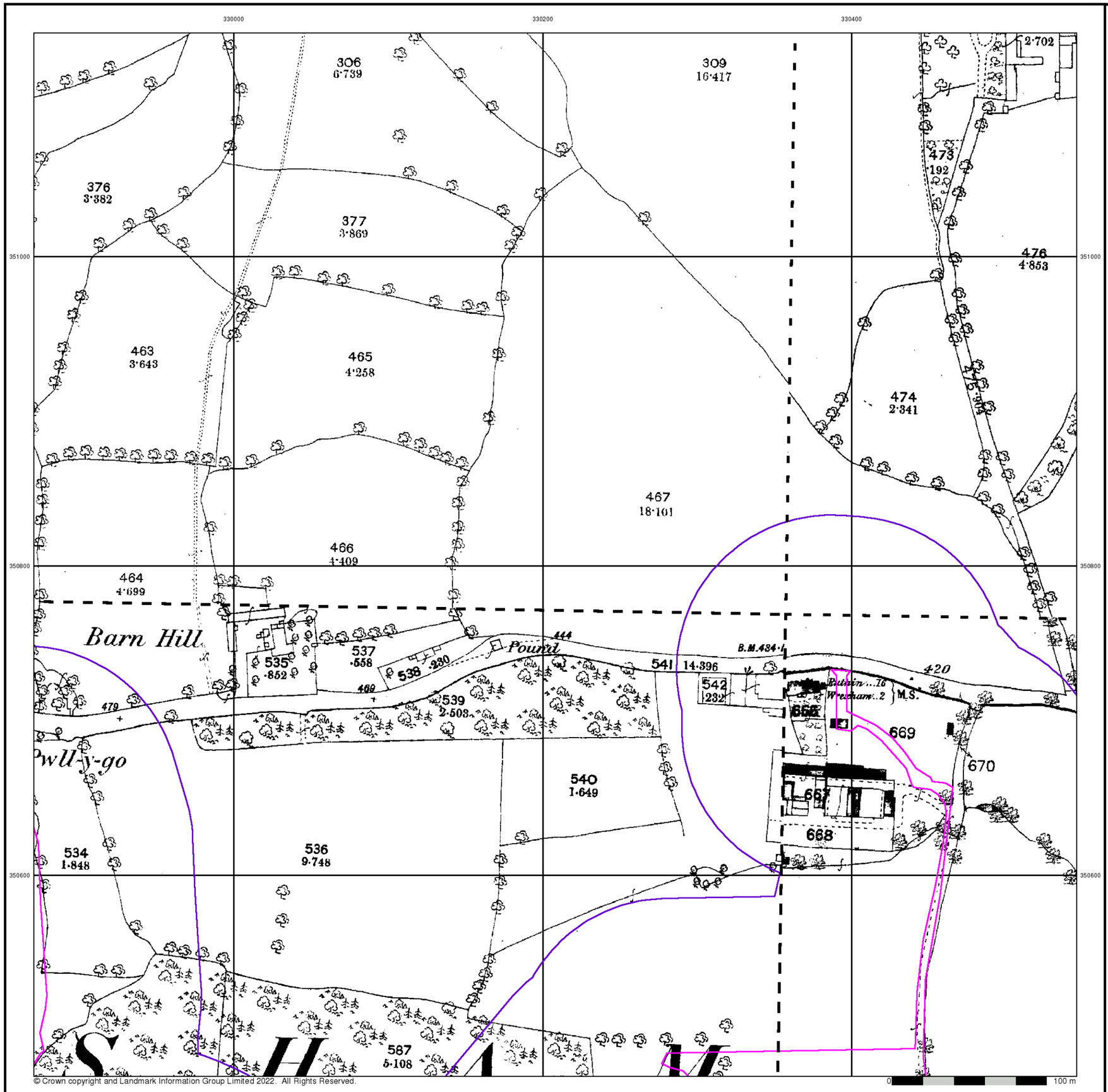

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 329660, 350680
Slice: C
Site Area (Ha): 145.64
Search Buffer (m): 100

## Site Details

Site at 330330, 350090


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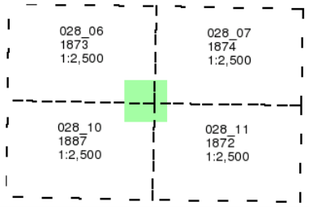
## Denbighshire

## Published 1872 - 1887

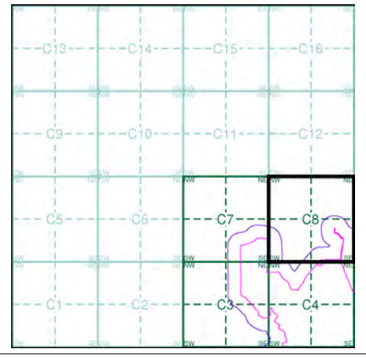
## Source map scale - 1:2,500

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 C8




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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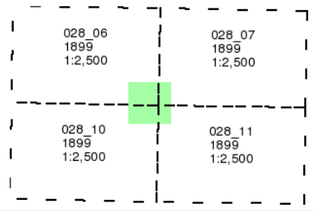
## Denbighshire

## Published 1899

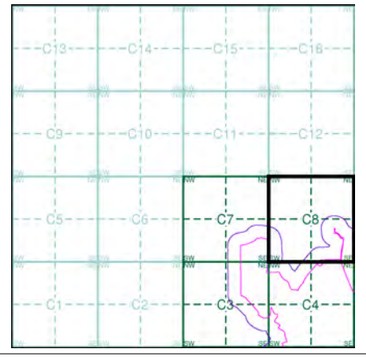
## Source map scale - 1:2,500

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)




## Historical Map - Segment C8



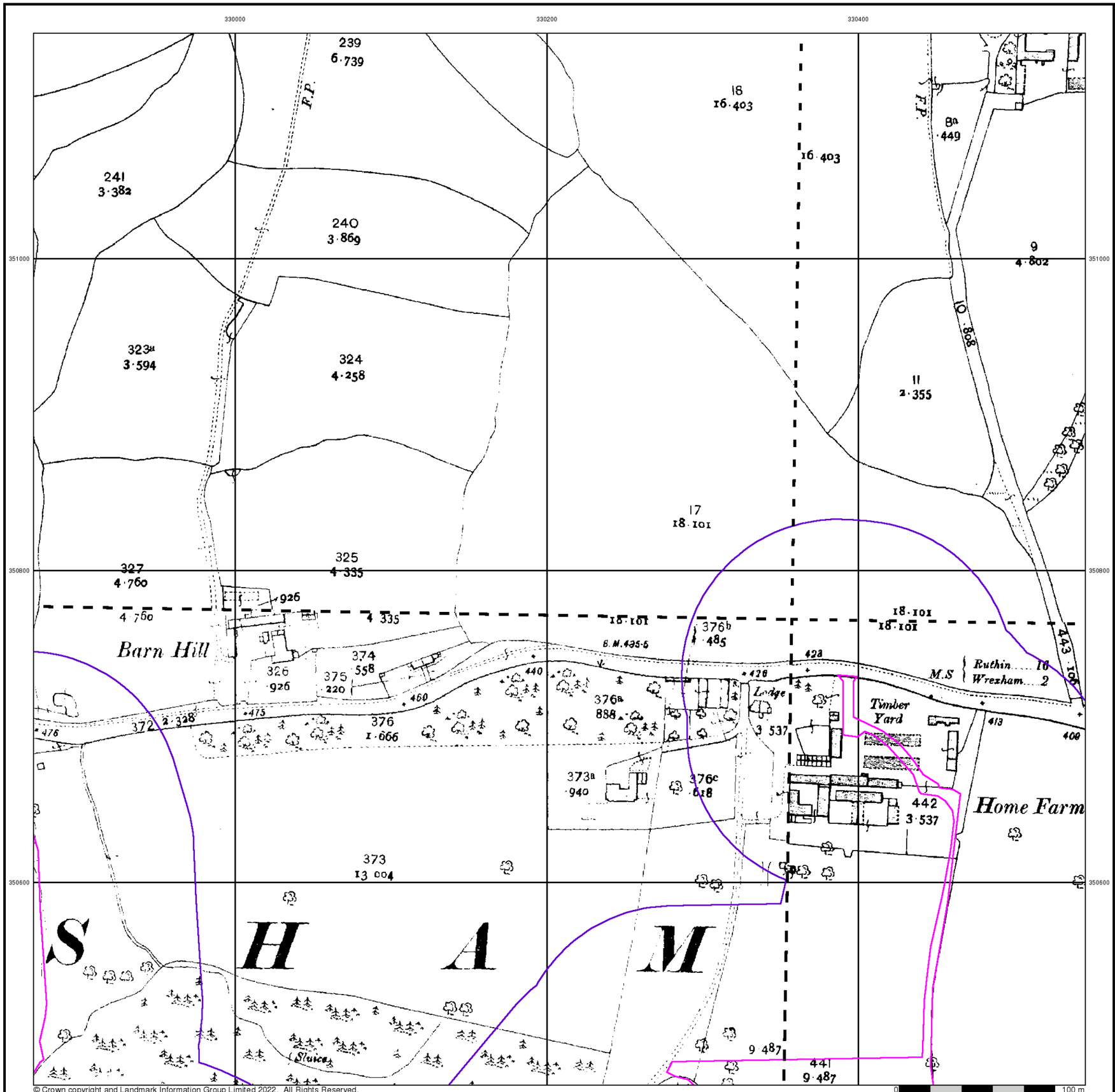

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

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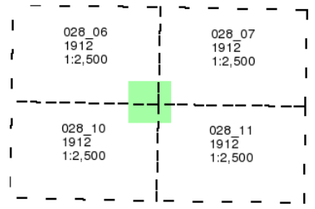
## Denbighshire

## Published 1912

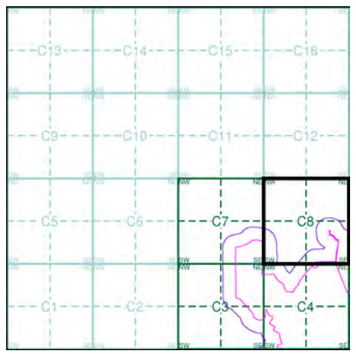
## Source map scale - 1:2,500

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)




## Historical Map - Segment C8



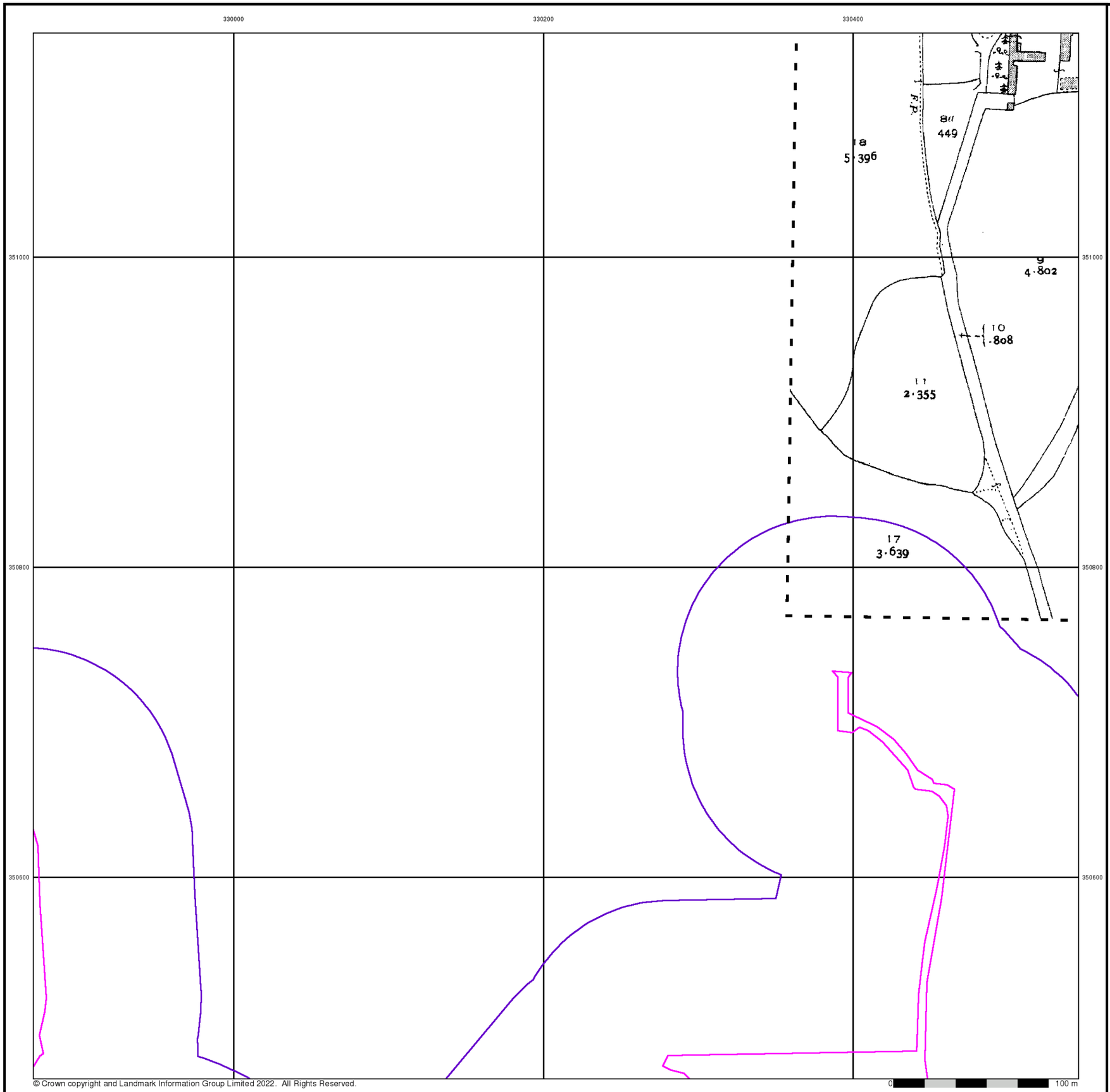

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

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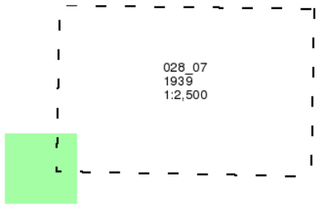
## Denbighshire

## Published 1939

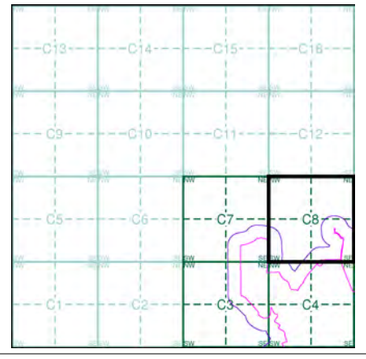
## Source map scale - 1:2,500

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 C8




## Order Details

| | |
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## Ordnance Survey Plan

**Published 1963 - 1964**

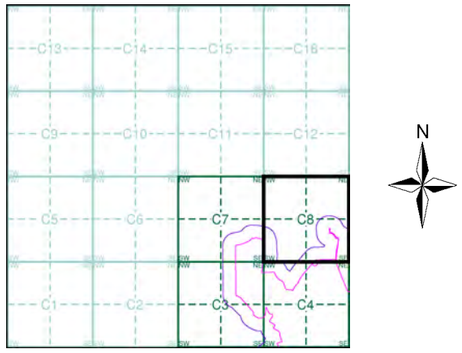
**Source map scale - 1:2,500**

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)

| | |
|---|---|
| SJ2951 1964 1:2,500 | SJ3051 1963 1:2,500 |
| SJ2950 1963 1:2,500 | SJ3050 1963 1:2,500 |

## Historical Map - Segment C8




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
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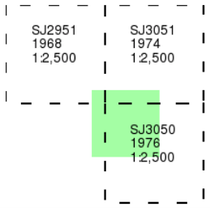
## Ordnance Survey Plan

**Published 1968 - 1976**

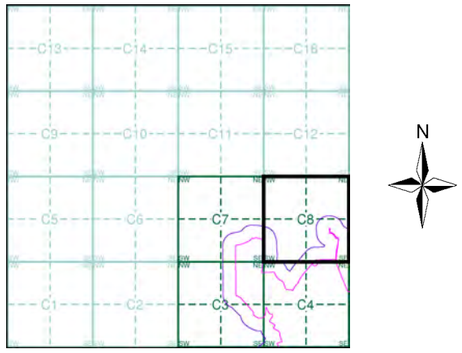
**Source map scale - 1:2,500**

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 C8




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
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| Slice: | C |
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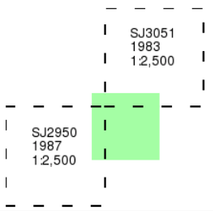
## Additional SIMs

**Published 1983 - 1987**

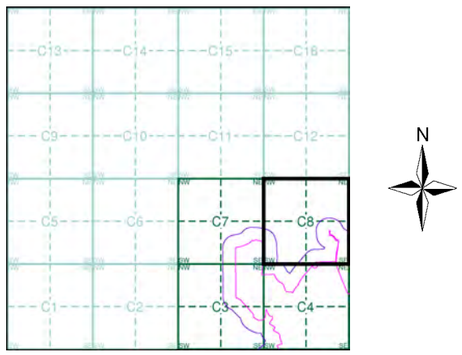
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment C8



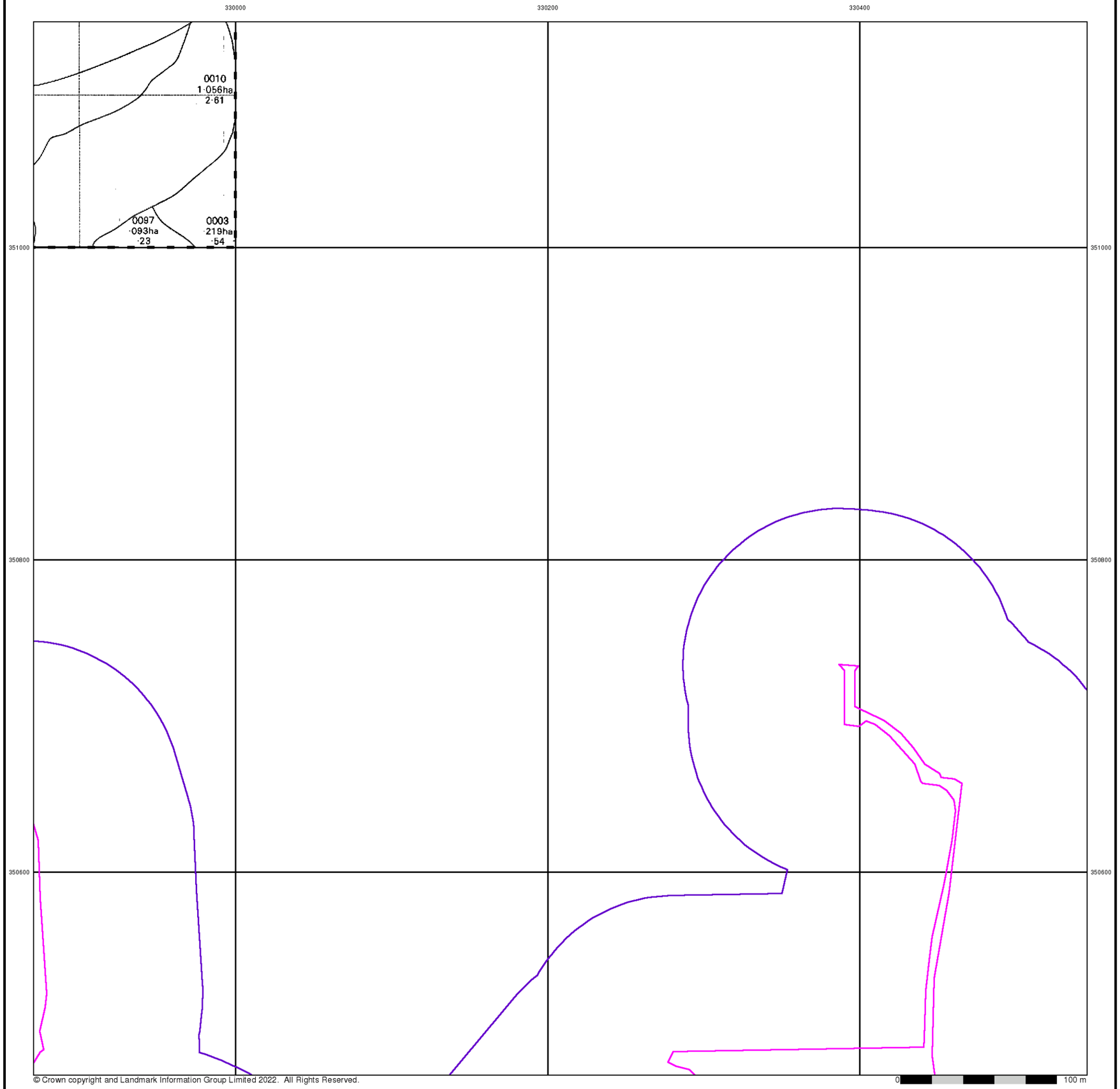

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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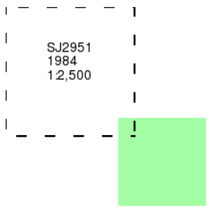
## Ordnance Survey Plan

## Published 1984

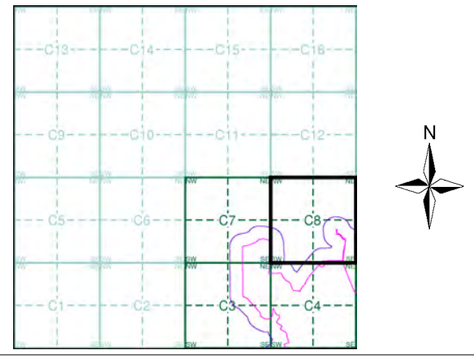
## Source map scale - 1:2,500

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

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




## Historical Map - Segment C8




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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| Slice: | C |
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## Site Details

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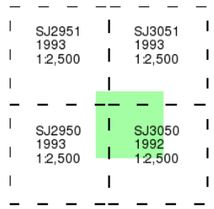

## Large-Scale National Grid Data

**Published 1992 - 1993**

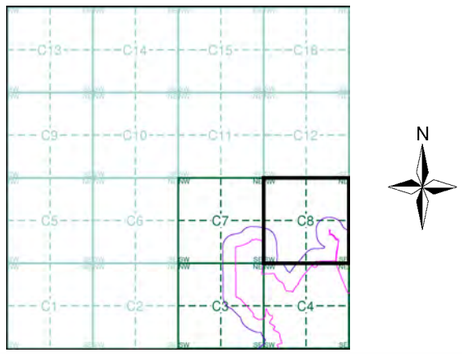
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment C8




## Order Details

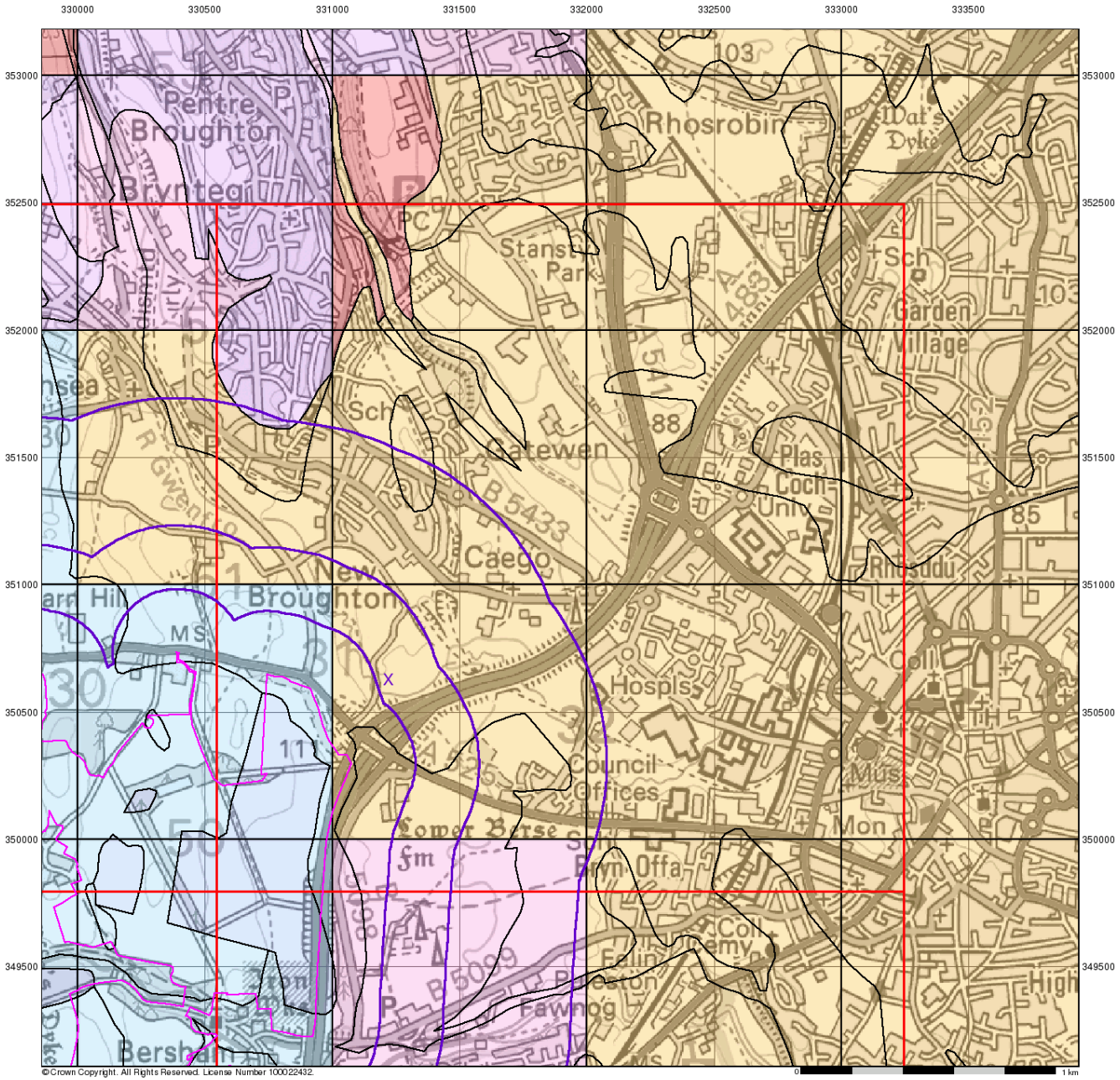
| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 329660, 350680 |
| Slice: | C |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

Site at 330330, 350090


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# Groundwater Vulnerability

## General

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

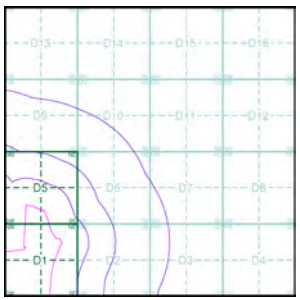
## Agency and Hydrological

| 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 D



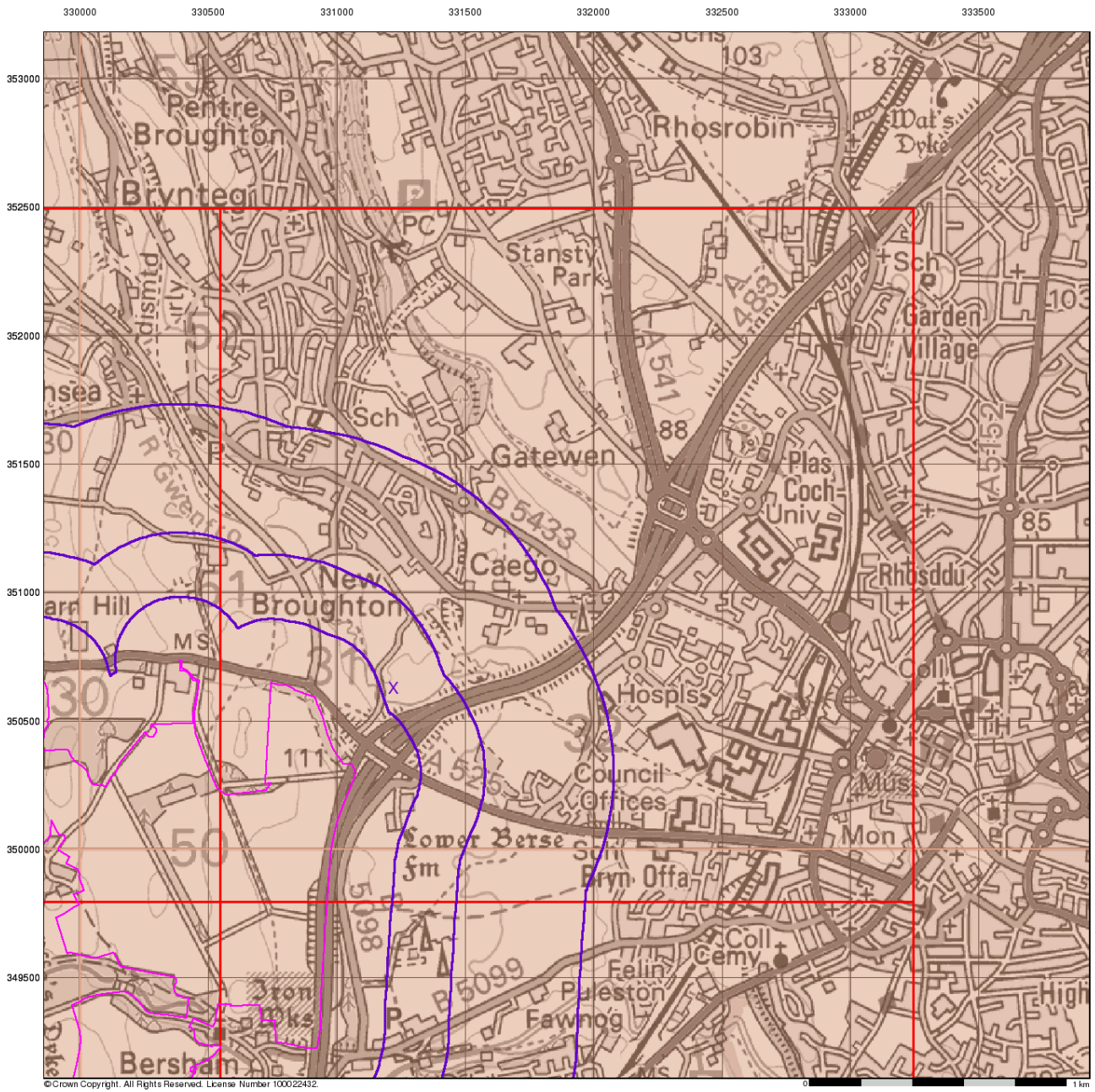

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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# Bedrock Aquifer Designation

## General

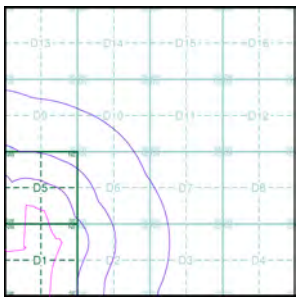
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

## 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 D



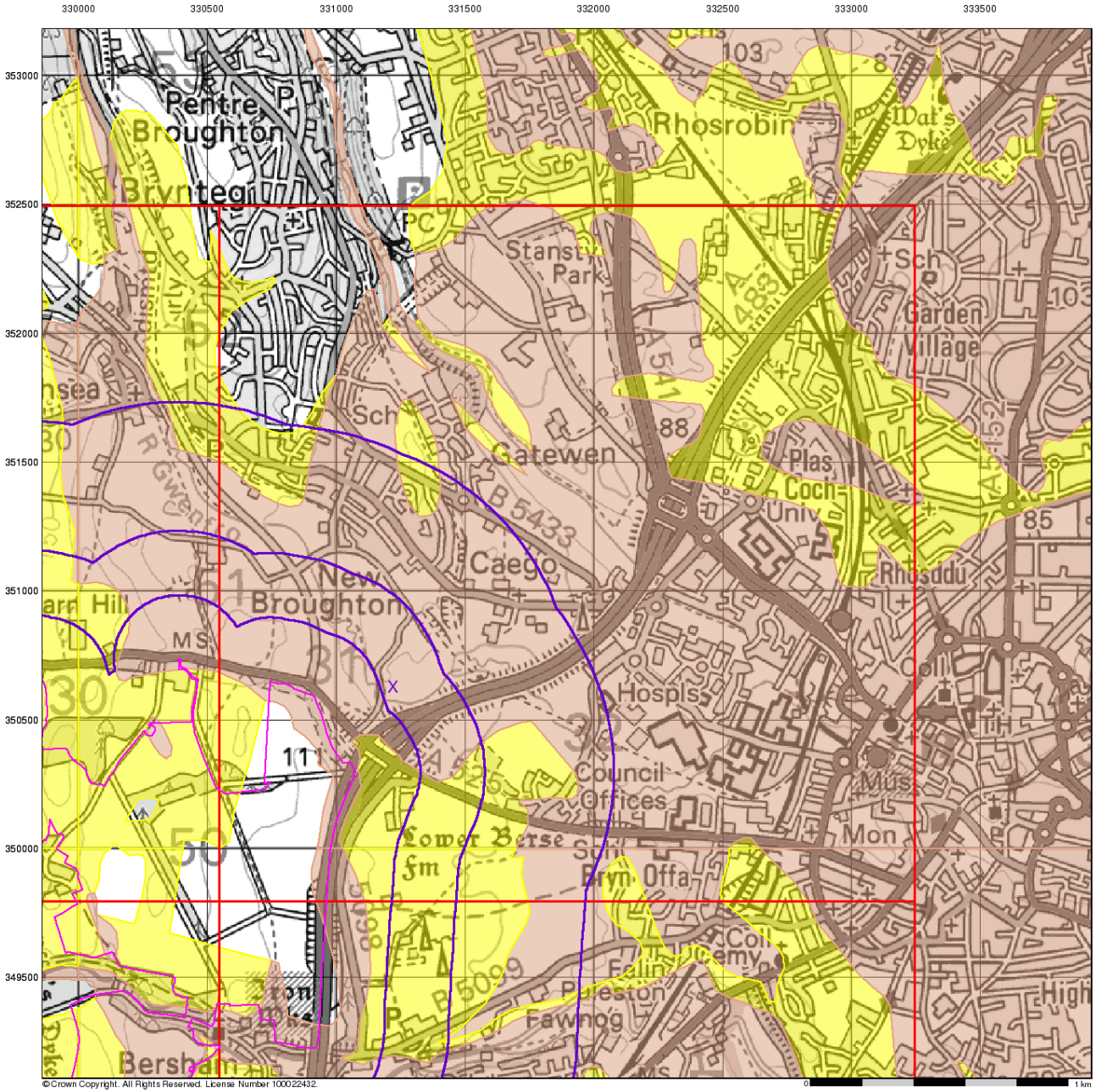

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

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# Superficial Aquifer Designation

## General

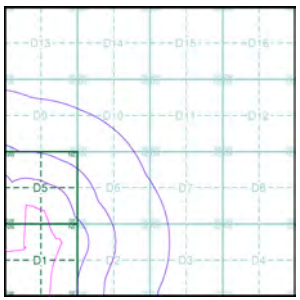
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

## Agency and Hydrological

**Geological Classes**

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

## Site Sensitivity Context Map - Slice D



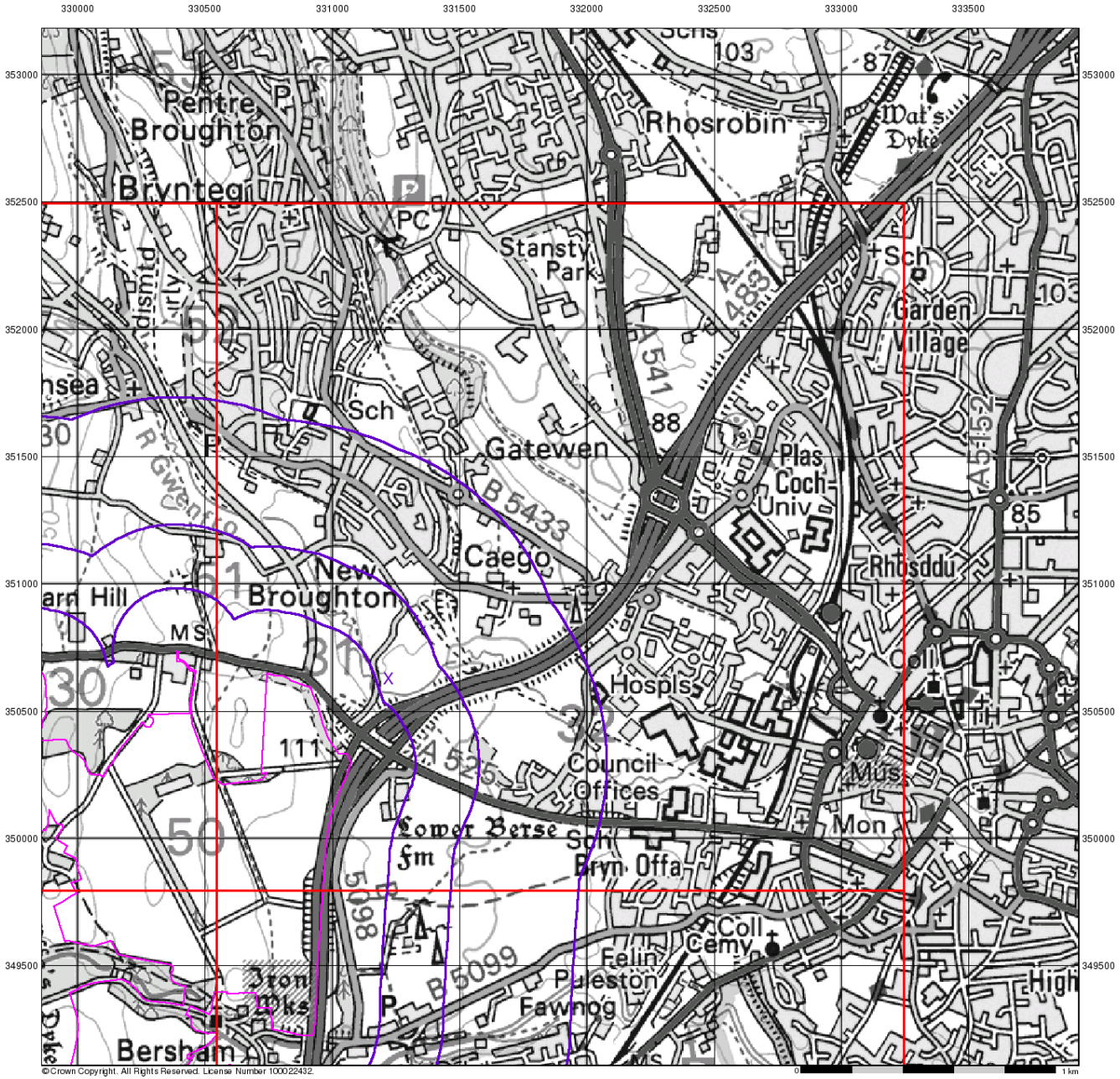

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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




# Source Protection Zones

## General

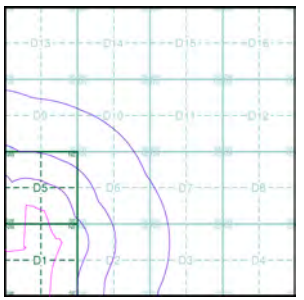
Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

## Agency and Hydrological

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

## Site Sensitivity Context Map - Slice D



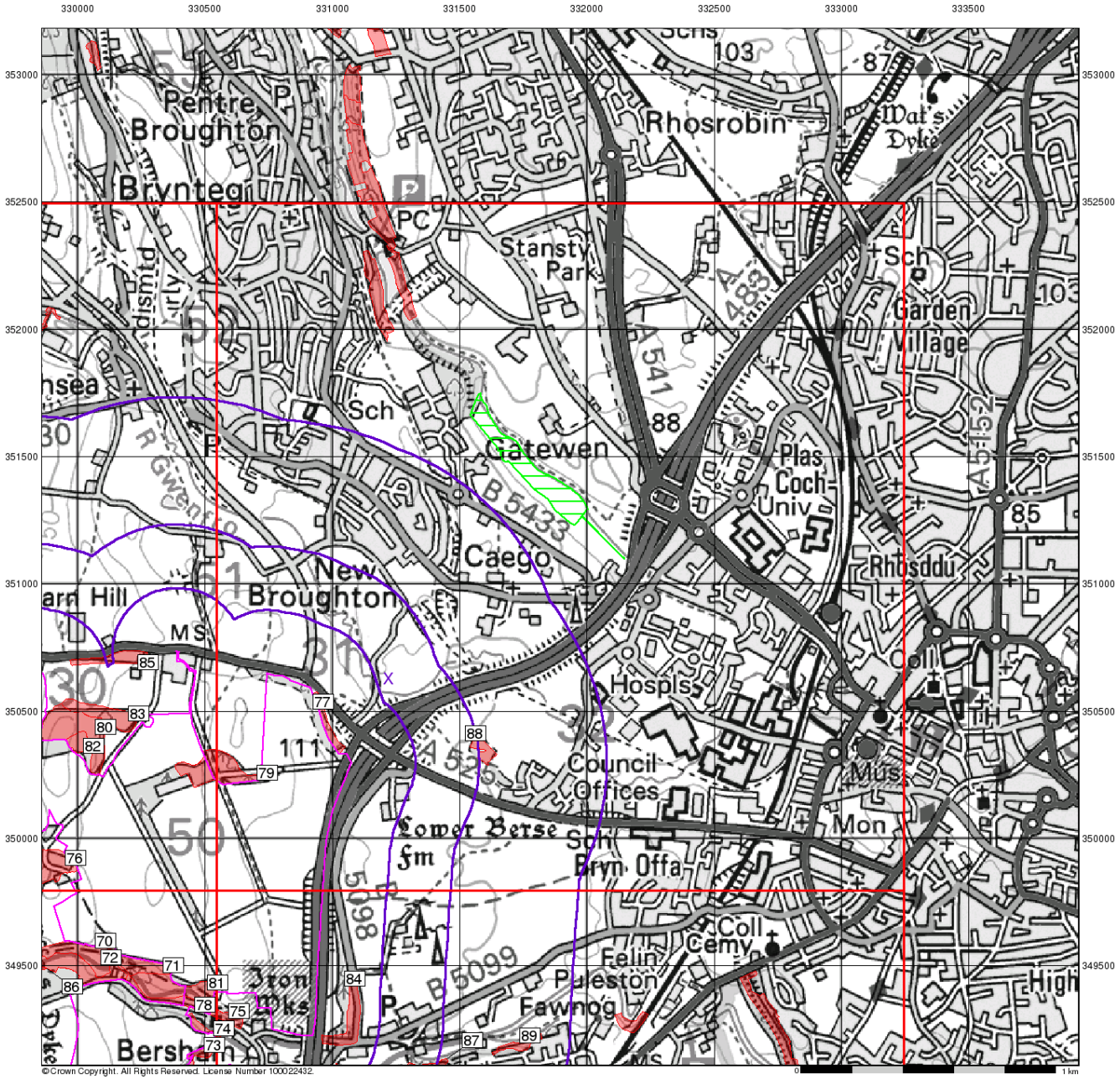

## Order Details

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|---|---|
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| Customer Ref: | JER8537 |
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| Site Area (Ha): | 145.64 |
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## Site Details

Site at 330330, 350090

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# Sensitive Land Uses

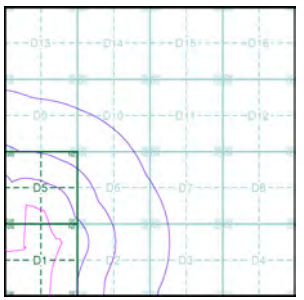
## General

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 D



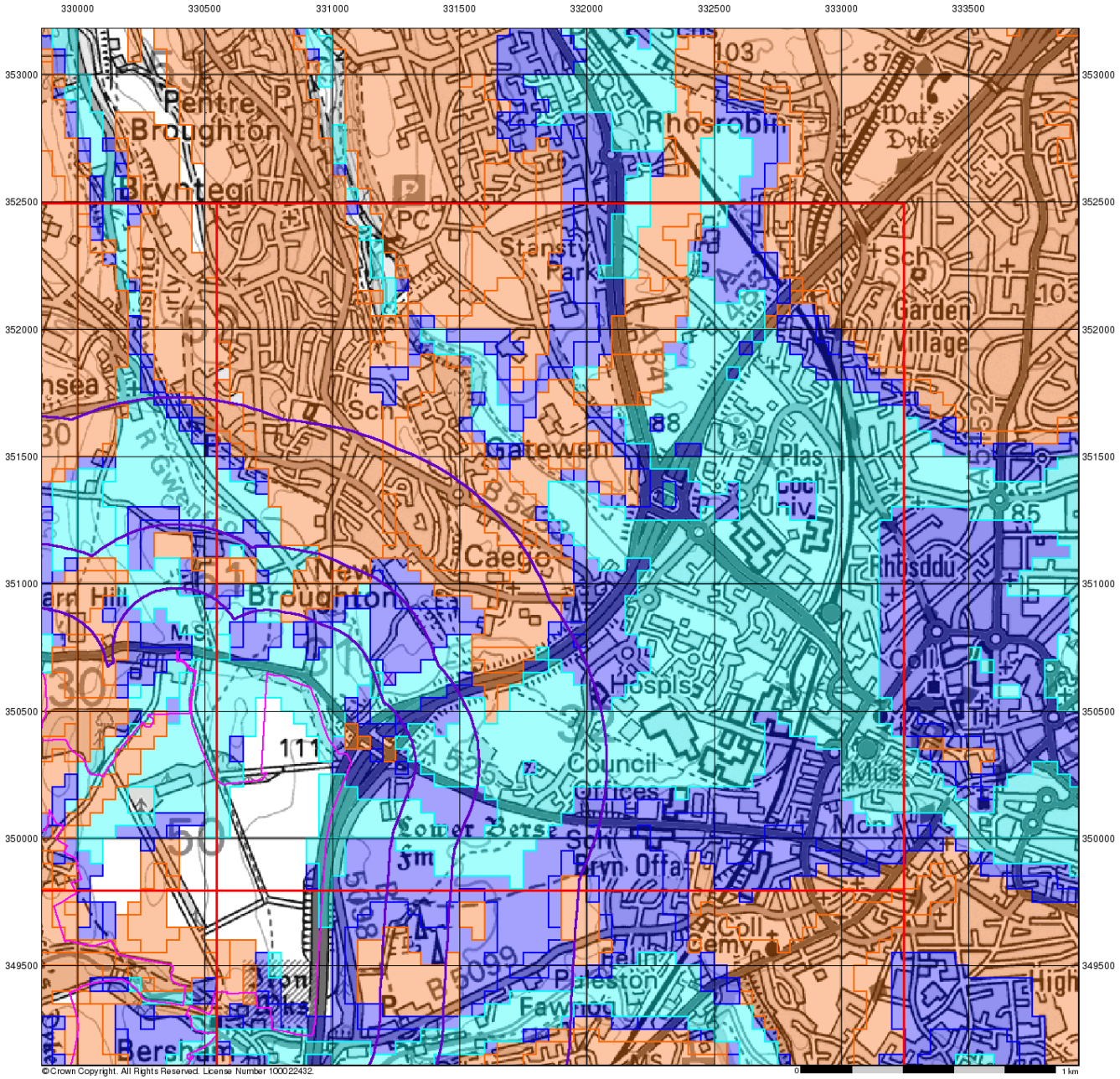

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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## BGS Flood GFS Data

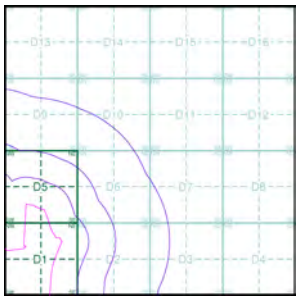
### General

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 D




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
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## Site Details

Site at 330330, 350090

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Tel: 0844 844 9952
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# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
291151542_1_1

**Customer Reference:**
JER8537

**National Grid Reference:**
331220, 350630

**Slice:**
D

**Site Area (Ha):**
145.64

**Search Buffer (m):**
1000

## Site Details:

Site at 330330, 350090

## Client Details:

Mr G Chapman
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4SY

# Contents


| Report Section | Page Number |
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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**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| BGS Groundwater Flooding Susceptibility | pg 1 | Yes | Yes | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 8 | | | 1 | 4 |
| Prosecutions Relating to Controlled Waters | | | n/a | n/a | n/a |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | | | | | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | | | | | |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 9 | Yes | | | |
| Pollution Incidents to Controlled Waters | pg 10 | | 1 | | |
| Prosecutions Relating to Authorised Processes | pg 10 | | 1 | | |
| Registered Radioactive Substances | | | | | |
| River Quality | pg 10 | | 1 | | 1 |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | | | | | |
| Water Abstractions | pg 10 | | 5 | | 1 (*8) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability Map | pg 14 | Yes | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 18 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 19 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 19 | | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 19 | | Yes | 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 20 | 3 | 9 | 5 | 27 |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 25 | | | | 1 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | | | | | |
| Local Authority Landfill Coverage | pg 25 | 1 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | | | | | |
| Registered Landfill Sites | pg 25 | | | | 1 |
| Registered Waste Transfer Sites | pg 25 | | | | 1 |
| Registered Waste Treatment or Disposal Sites | | | | | |
| **Hazardous Substances** | | | | | |
| Control of Major Accident Hazards Sites (COMAH) | | | | | |
| Explosive Sites | | | | | |
| Notification of Installations Handling Hazardous Substances (NIHHS) | | | | | |
| Planning Hazardous Substance Consents | | | | | |
| Planning Hazardous Substance Enforcements | | | | | |
| **Geological** | | | | | |
| BGS 1:625,000 Solid Geology | pg 26 | Yes | n/a | n/a | n/a |
| BGS Recorded Mineral Sites | pg 26 | | | | 2 |
| CBSCB Compensation District | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 26 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 26 | Yes | n/a | n/a | n/a |
| Man-Made Mining Cavities | | | | | |
| Natural Cavities | | | | | |
| Non Coal Mining Areas of Great Britain | pg 26 | Yes | Yes | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 26 | Yes | Yes | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 27 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 27 | Yes | | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 27 | Yes | Yes | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 27 | Yes | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | pg 28 | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | pg 28 | Yes | n/a | n/a | n/a |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 29 | | | | 12 |
| Fuel Station Entries | | | | | |
| Gas Pipelines | | | | | |
| Underground Electrical Cables | | | | | |
| **Sensitive Land Use** | | | | | |
| Ancient Woodland | pg 30 | 13 | 5 | 1 | 1 |
| Areas of Adopted Green Belt | | | | | |
| Areas of Unadopted Green Belt | | | | | |
| Areas of Outstanding Natural Beauty | | | | | |
| Environmentally Sensitive Areas | | | | | |
| Forest Parks | | | | | |
| Local Nature Reserves | | | | | |
| Marine Nature Reserves | | | | | |
| National Nature Reserves | | | | | |
| National Parks | | | | | |
| Nitrate Sensitive Areas | | | | | |
| Nitrate Vulnerable Zones | | | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |
| World Heritage Sites | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330100<br>349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330200<br>349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SW) | 0 | 1 | 330250<br>349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330500<br>349650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330550<br>349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330050<br>349800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D1NE<br>(SW) | 0 | 1 | 331050<br>350250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D1SE<br>(S) | 0 | 1 | 331050<br>350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5SW<br>(W) | 0 | 1 | 330600<br>350700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330150<br>349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 0 | 1 | 329900<br>350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 0 | 1 | 330400<br>350700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 0 | 1 | 330350<br>350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 0 | 1 | 330000<br>350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 0 | 1 | 330250<br>350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 0 | 1 | 330000<br>350250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000<br>350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 0 | 1 | 330250<br>350350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 0 | 1 | 330000<br>350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 0 | 1 | 330200<br>350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 0 | 1 | 330200<br>350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SW) | 0 | 1 | 330100<br>350000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 349850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330100 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330150 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 329950 350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 329950 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330300 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330050 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 0 | 1 | 330000 350300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 329850 349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330250 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 329950 349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SW) | 0 | 1 | 330300 350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 0 | 1 | 330000 350150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330200 349700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330400 349850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 0 | 1 | 330450 350700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330600 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (S) | 0 | 1 | 330800 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 350050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330500 350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330400 350050 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5SE (NW) | 0 | 1 | 331200 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D1NE (SW) | 0 | 1 | 331050 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 0 | 1 | 330450 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 0 | 1 | 330400 350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 0 | 1 | 329900 350100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330000 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330100 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330400 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D1SE (S) | 0 | 1 | 330950 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330200 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330300 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330200 349250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330100 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (S) | 0 | 1 | 331700 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 0 | 1 | 330750 349100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D1SE (S) | 0 | 1 | 331220 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330050 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330250 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (SW) | 0 | 1 | 330450 349400 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330500 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330700 349500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330750 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330500 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330550 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330750 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 329900 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 0 | 1 | 330450 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330150 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 0 | 1 | 330750 349400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330000 349500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330100 349500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330500 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 0 | 1 | 330700 349600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 1 | 1 | 330250 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 2 | 1 | 329950 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 4 | 1 | 330150 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 7 | 1 | 330200 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 13 | 1 | 330300 349450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 18 | 1 | 330450 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D1NE (SW) | 19 | 1 | 331100 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 19 | 1 | 330600 349200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 19 | 1 | 330650 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5NW (NW) | 26 | 1 | 330800 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 34 | 1 | 330000 350628 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 34 | 1 | 329950 349250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 37 | 1 | 330000 349550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 39 | 1 | 330200 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 41 | 1 | 330350 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D1NE (S) | 47 | 1 | 331150 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (SW) | 47 | 1 | 329950 349300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 49 | 1 | 329900 349950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SW (W) | 53 | 1 | 330800 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (SW) | 65 | 1 | 329900 349900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5NW (W) | 68 | 1 | 330550 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 72 | 1 | 330250 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D1NE (S) | 74 | 1 | 331200 350350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 74 | 1 | 331000 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D1NW (W) | 76 | 1 | 330650 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D1NE (S) | 82 | 1 | 331220 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (SW) | 82 | 1 | 331100 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 96 | 1 | 331220 349750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (SW) | 97 | 1 | 331100 350550 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (NW) | 99 | 1 | 331000 350750 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 104 | 1 | 330200 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 108 | 1 | 329950 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 123 | 1 | 330150 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D1NE (S) | 124 | 1 | 331220 350400 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (W) | 127 | 1 | 331150 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 133 | 1 | 330000 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SW (W) | 141 | 1 | 330650 350750 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 142 | 1 | 329900 350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 144 | 1 | 331650 349200 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (S) | 150 | 1 | 331220 349650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5SE (S) | 151 | 1 | 331220 350600 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 156 | 1 | 330000 350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 164 | 1 | 331200 349350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (NW) | 169 | 1 | 330900 350800 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D2NW (S) | 174 | 1 | 331250 350300 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D2NW (S) | 174 | 1 | 331250 350350 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 175 | 1 | 330200 350700 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 180 | 1 | 330250 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D2NW (SE) | 182 | 1 | 331300 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NW (NW) | 197 | 1 | 330600 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D2NW (S) | 203 | 1 | 331250 350450 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5SE (W) | 207 | 1 | 331200 350628 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NW (NW) | 208 | 1 | 330700 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D5NE (N) | 210 | 1 | 331100 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (NW) | 218 | 1 | 330500 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D6SW (S) | 227 | 1 | 331250 350500 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NE (NW) | 233 | 1 | 331000 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 242 | 1 | 329900 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 243 | 1 | 330150 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (N) | 260 | 1 | 331220 350650 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 264 | 1 | 330150 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NW (NW) | 266 | 1 | 330650 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D2SW (S) | 267 | 1 | 331250 350000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5SE (SW) | 270 | 1 | 331220 350628 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NE (NW) | 273 | 1 | 331050 350850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D5NW (NW) | 287 | 1 | 330650 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (NW) | 318 | 1 | 330450 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 326 | 1 | 330200 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (NW) | 329 | 1 | 330400 351200 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NE (NW) | 338 | 1 | 331100 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 344 | 1 | 329900 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (NW) | 346 | 1 | 330400 351250 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 352 | 1 | 329950 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NW (NW) | 353 | 1 | 330750 351000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D5NW (NW) | 356 | 1 | 330700 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | D5NE (N) | 366 | 1 | 331150 351000 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (NW) | 368 | 1 | 330450 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 368 | 1 | 330200 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (NW) | 372 | 1 | 330500 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D5NW (NW) | 382 | 1 | 330700 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Limited Potential for Groundwater Flooding to Occur | (W) | 396 | 1 | 330150 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | (W) | 401 | 1 | 330000 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5NE (N) | 405 | 1 | 331150 350950 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (W) | 411 | 1 | 330000 351050 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | D5NW (NW) | 420 | 1 | 330650 351100 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D6NW (N) | 456 | 1 | 331250 350900 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (S) | 482 | 1 | 331400 349150 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | D6SW (E) | 494 | 1 | 331500 350600 |
| 1 | **Discharge Consents**<br>Operator: Miss Sheryll Rawstron<br>Property Type: Domestic Property (Single)<br>Location: The Barn, Higher Berse Road, Wrexham, Clwyd, LI11 6pl<br>Authority: Natural Resources Wales<br>Catchment Area: River Dee<br>Reference: Npswqd001399<br>Permit Version: 1<br>Effective Date: 7th May 2008<br>Issued Date: 7th May 2008<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of The River Gwenfro<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | D5NW (NW) | 451 | 2 | 330590 351140 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: New Broughton - Sso<br>Authority: Natural Resources Wales<br>Catchment Area: River Dee<br>Reference: Cm0198901<br>Permit Version: 1<br>Effective Date: 20th October 1989<br>Issued Date: 20th October 1989<br>Revocation Date: 4th March 1994<br>Discharge Type: Unspecified<br>Discharge Environment: Not Supplied<br>Receiving Water: Gwenfro<br>**Status: Consent expired**<br>Positional Accuracy: Located by supplier to within 100m | D9SW (NW) | 555 | 2 | 330700 351200 |
| 3 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: New Broughton Combined Sewerage (Se, Combined Sewerage (See Cm 1989<br>Authority: Natural Resources Wales<br>Catchment Area: GWENFRO<br>Reference: CM0049601<br>Permit Version: 1<br>Effective Date: 20th May 1968<br>Issued Date: 20th May 1968<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Gwenfro<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 100m | D9SW (NW) | 556 | 2 | 330800 351200 |
| 3 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: New Broughton Combined Sewerage (Se, Combined Sewerage (See Cm 1989<br>Authority: Natural Resources Wales<br>Catchment Area: GWENFRO<br>Reference: Cm0049601<br>Permit Version: 1<br>Effective Date: 20th May 1968<br>Issued Date: 20th May 1968<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Gwenfro<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 100m | D9SW (NW) | 556 | 2 | 330800 351200 |
| 4 | **Discharge Consents**<br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: New Broughton Cso, Field Opp The Barn, Higher Berse, Southsea, Wrexham, Ll11 5pg<br>Authority: Natural Resources Wales<br>Catchment Area: GWENFRO<br>Reference: Cm0049601<br>Permit Version: 2<br>Effective Date: 25th September 2019<br>Issued Date: 25th September 2019<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Gwenfro<br>**Status: Effective**<br>Positional Accuracy: Located by supplier to within 10m | D9SW (NW) | 605 | 2 | 330722 351251 |
| | **Nearest Surface Water Feature** | D5SW (W) | 0 | - | 330743 350590 |

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|---|---|---|---|---|---|
| 5 | **Pollution Incidents to Controlled Waters**<br>Property Type: Other<br>Location: Stryt Y Byddyn, NEW BROUGHTON<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Heavy Fuel Oil<br>Note: Deliberate Act<br>Incident Date: 27th April 1995<br>Incident Reference: 23928<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Direct Discharge<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | D5SE (SW) | 207 | 3 | 331150 350550 |
| 6 | **Prosecutions Relating to Authorised Processes**<br>Location: A483 Ruthin Road, Wrexham<br>Prosecution Text: Transporting scrap metal<br>Prosecution Act: Epa90 S34<br>Hearing Date: 8th May 2008<br>Verdict: Guilty<br>Fine: 100<br>Costs: 231<br>Positional Accuracy: Manually positioned to the road within the address or location | D1NE (S) | 38 | 3 | 331073 350187 |
| | **River Quality**<br>Name: Gwenfro<br>GQA Grade: River Quality B<br>Reach: Hospital - Conf. Trib. Nr. South Sea<br>Estimated Distance (km): 3.2<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | D6SW (SE) | 191 | 3 | 331243 350572 |
| | **River Quality**<br>Name: Gwenfro<br>GQA Grade: River Quality E<br>Reach: Willow Rd.Wrexham - Hospital<br>Estimated Distance (km): 2<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | D3NW (SE) | 914 | 3 | 331990 350265 |
| 7 | **Water Abstractions**<br>Operator: Mr N Morris<br>Licence Number: 24/67/7/0135<br>Permit Version: 101<br>Location: Tributary Of River Gwenfro<br>Authority: Natural Resources Wales<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: At Lower Berse Farm<br>Authorised Start: 04 January<br>Authorised End: 09 June<br>Permit Start Date: 13th June 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | D1SE (S) | 106 | 2 | 331100 350060 |
| 7 | **Water Abstractions**<br>Operator: Mr N Morris<br>Licence Number: 24/67/7/0135<br>Permit Version: 101<br>Location: Tributary Of River Gwenfro<br>Authority: Natural Resources Wales<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: At Lower Berse Farm<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 13th June 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | D1SE (S) | 106 | 2 | 331100 350060 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 8 | **Water Abstractions**<br>Operator: Wrexham County Borough<br>Licence Number: 24/67/7/0181<br>Permit Version: 100<br>Location: River Gwenfro<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Water Supply Related: Effluent/Slurry Dilution<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Afon Goch<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 8th February 1974<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D5SE (SW) | 200 | 3 | 331135 350576 |
| 9 | **Water Abstractions**<br>Operator: Mr N Morris<br>Licence Number: 24/67/7/0135<br>Permit Version: 101<br>Location: River Gwenfro<br>Authority: Natural Resources Wales<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: At Lower Berse Farm<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 13th June 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | D5SE (SW) | 249 | 2 | 331190 350560 |
| 9 | **Water Abstractions**<br>Operator: Morris<br>Licence Number: 24/67/7/0135<br>Permit Version: Not Supplied<br>Location: Abstraction: Afon Gwenfro + Tributaries Between Points A+B, E+F, G+C<br>Authority: Natural Resources Wales<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from any point within an area<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | D5SE (SW) | 249 | 2 | 331190 350560 |
| 10 | **Water Abstractions**<br>Operator: Mr N Morris<br>Licence Number: 24/67/7/0135<br>Permit Version: 101<br>Location: Tributary Of River Gwenfro<br>Authority: Natural Resources Wales<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: At Lower Berse Farm<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 13th June 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D2SE (SE) | 750 | 2 | 331800 350100 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: Mr J Rees<br>Licence Number: 24/67/7/0135<br>Permit Version: 100<br>Location: River Gwenfro<br>Authority: Environment Agency, Welsh Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: River Gwenfro<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 28th January 1983<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D3NE (E) | 1275 | 3 | 332350 350230 |
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0194<br>Permit Version: 100<br>Location: Borehole<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1554 | 3 | 332600 350601 |
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0194<br>Permit Version: 100<br>Location: Borehole<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1554 | 3 | 332600 350602 |
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0194<br>Permit Version: 100<br>Location: Borehole<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1554 | 3 | 332600 350603 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0194<br>Permit Version: 100<br>Location: Borehole<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1555 | 3 | 332600 350604 |
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0012<br>Permit Version: 100<br>Location: Well No.2<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Well No.3<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1581 | 3 | 332610 350681 |
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0012<br>Permit Version: 100<br>Location: Well No.1<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Well No.2<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1599 | 3 | 332600 350780 |
| | **Water Abstractions**<br>Operator: Carlsberg Tetley Brewing Ltd.<br>Licence Number: 24/67/7/0012<br>Permit Version: 100<br>Location: Well No.3<br>Authority: Environment Agency, Welsh Region<br>Abstraction: Breweries/Wine: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Well No.1<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th February 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | D8SW (E) | 1607 | 3 | 332630 350705 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | (W) | 0 | 2 | 330000<br>350628 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | D5SW<br>(W) | 0 | 2 | 330727<br>350572 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | (W) | 0 | 2 | 330362<br>350393 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (S) | 0 | 2 | 330777<br>349554 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | D1SE (S) | 0 | 2 | 331000 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330000 349381 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330000 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330453 349294 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330066<br>349421 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330405<br>350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330063<br>349826 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | D5SE (W) | 0 | 2 | 331000<br>350628 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: High | D5SE (SW) | 0 | 2 | 331220 350628 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | (SW) | 0 | 2 | 330163 350000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | (SW) | 0 | 2 | 330311 350189 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | D1NE (SW) | 0 | 2 | 330925 350386 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330000 349488 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330056 349480 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | (SW) | 0 | 2 | 330251 349971 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability<br>Combined Vulnerability: Low<br>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br>Pollutant Speed: Low<br>Bedrock Flow: Well Connected Fractures<br>Dilution: 300-550 mm/year<br>Baseflow Index: <40%<br>Superficial Patchiness: <90%<br>Superficial Thickness: >10m<br>Superficial Recharge: Low | D1SE (SW) | 0 | 2 | 330927 350000 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | (SW) | 0 | 2 | 330000 350000 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | D5SE (SW) | 0 | 2 | 331220 350628 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | (W) | 0 | 2 | 330000 350628 |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | D1SE (S) | 0 | 2 | 331220 350000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | (W) | 0 | 2 | 330362<br>350393 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | D5SE<br>(SW) | 0 | 2 | 331220<br>350628 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | D5SW<br>(W) | 0 | 2 | 330727<br>350572 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (SW) | 0 | 2 | 330405<br>350000 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (SW) | 0 | 2 | 330066<br>349421 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (W) | 0 | 2 | 330000<br>350628 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | (SW) | 0 | 2 | 330063<br>349826 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | D1SE<br>(S) | 0 | 2 | 331026<br>350000 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (SW) | 0 | 2 | 330453<br>349294 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (SW) | 0 | 2 | 330000<br>350000 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - Undifferentiated | (SW) | 0 | 2 | 330000<br>349381 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D1NE<br>(S) | 68 | 2 | 331099<br>350134 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D5SE<br>(W) | 196 | 2 | 331161<br>350633 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D5SE<br>(S) | 227 | 2 | 331204<br>350577 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D1SE<br>(S) | 74 | 2 | 331103<br>350109 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D1SE<br>(S) | 126 | 2 | 331127<br>350046 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D5SE<br>(W) | 196 | 2 | 331161<br>350614 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | D5SE<br>(S) | 227 | 2 | 331204<br>350577 |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Flood Defences**<br>None | | | | |
| 11 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 334.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1NW (W) | 0 | 4 | 330807 350462 |
| 12 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 97.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D5SW (W) | 0 | 4 | 330743 350590 |
| 13 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 237.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SW (SW) | 0 | 4 | 330642 349960 |
| 14 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 33.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SE (S) | 2 | 4 | 330997 350077 |
| 15 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SE (S) | 2 | 4 | 330998 350077 |
| 16 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 2 | D1SE (S) | 2 | 4 | 330997 350078 |
| 17 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 59.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SE (S) | 3 | 4 | 331056 350065 |
| 18 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 65.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SE (S) | 63 | 4 | 331122 350056 |
| 19 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SE (S) | 128 | 4 | 331126 350056 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 20 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 739.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D1SE (S) | 133 | 4 | 331142 350053 |
| 21 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 250.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D5NW (NW) | 155 | 4 | 330668 350936 |
| 22 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1015.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D5SE (S) | 200 | 4 | 331213 350573 |
| 23 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 290.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D5NE (NW) | 278 | 4 | 330951 350949 |
| 24 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 95.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D5NW (NW) | 300 | 4 | 330668 350936 |
| 25 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 432.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D5NE (NW) | 345 | 4 | 330951 350950 |
| 26 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D5NW (NW) | 387 | 4 | 330673 351027 |
| 27 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 105.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D5NW (NW) | 392 | 4 | 330670 351031 |
| 28 | **OS Water Network Lines**<br>Watercourse Form: Lake<br>Watercourse Length: 10.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2NE (SE) | 518 | 4 | 331595 350290 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 29 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 172.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2NE (SE) | 528 | 4 | 331605 350289 |
| 30 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 235.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D9SW (NW) | 551 | 4 | 330575 351286 |
| 31 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D6SW (E) | 571 | 4 | 331497 350694 |
| 32 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 267.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D6SW (E) | 578 | 4 | 331501 350702 |
| 33 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 96.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D9SW (NW) | 582 | 4 | 330668 351261 |
| 34 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 630.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D9SW (NW) | 583 | 4 | 330575 351287 |
| 35 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 50.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D9SW (NW) | 594 | 4 | 330718 351255 |
| 36 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 14.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2NE (SE) | 664 | 4 | 331733 350197 |
| 37 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 61.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2NE (SE) | 679 | 4 | 331748 350195 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 38 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 41.9<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2SE (SE) | 705 | 4 | 331749 350084 |
| 39 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 156.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D6SE (E) | 720 | 4 | 331727 350604 |
| 40 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 60.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D6SE (E) | 720 | 4 | 331707 350660 |
| 41 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 61.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2NE (SE) | 729 | 4 | 331810 350154 |
| 42 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 78.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2SE (SE) | 733 | 4 | 331783 350102 |
| 43 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 17.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2NE (SE) | 735 | 4 | 331800 350168 |
| 44 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 194.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D6SE (E) | 798 | 4 | 331854 350490 |
| 45 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 25.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D6SE (E) | 802 | 4 | 331850 350515 |
| 46 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 64.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D2SE (SE) | 811 | 4 | 331860 350086 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 47 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 17.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (SE) | 841 | 4 | 331902 350135 |
| 48 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 237.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (SE) | 850 | 4 | 331914 350148 |
| 49 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 19.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (SE) | 885 | 4 | 331961 350300 |
| 50 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 22.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (E) | 901 | 4 | 331975 350366 |
| 51 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (SE) | 904 | 4 | 331980 350298 |
| 52 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 63.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (SE) | 912 | 4 | 331988 350296 |
| 53 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 105.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (E) | 920 | 4 | 331995 350356 |
| 54 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 110.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Gwenfro<br>Catchment Name: Dee<br>Primacy: 1 | D3NW (SE) | 972 | 4 | 332049 350278 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 55 | **Historical Landfill Sites**<br>Licence Holder: Mr L G Hockey<br>Location: Berse Road, Wrexham, Lower Berse<br>Name: Berse Drelincourt<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14750<br>First Input Date: 1st January 1981<br>Last Input Date: 31st December 1985<br>Specified Waste Type: Deposited Waste included Inert Waste<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 6955/0007<br>BGS Ref: Not Supplied<br>Other Ref: WMBC L/34 | D6SW (E) | 621 | 2 | 331528 350739 |
| | **Local Authority Landfill Coverage**<br>Name: Wrexham County Borough Council - Has supplied landfill data | | 0 | 5 | 331220 350628 |
| 56 | **Registered Landfill Sites**<br>Licence Holder: L G Hockey<br>Licence Reference: L34<br>Site Location: Berse Drelincourt, Berse Road, Caego, Wrexham, Clwyd<br>Licence Easting: 331550<br>Licence Northing: 350750<br>Operator Location: 4 Aston Grove, WREXHAM, Clwyd, LL12 7DF<br>Authority: Environment Agency Wales, North Area<br>Site Category: Landfill<br>Max Input Rate: Undefined<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st May 1981<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Non-Tox,Non-Comb.Builders Rubble<br>Prohibited Waste: Material With Toxic Contamination | D6SW (E) | 647 | 3 | 331550 350750 |
| 57 | **Registered Waste Transfer Sites**<br>Licence Holder: Victor Fulton Ltd<br>Licence Reference: L64<br>Site Location: Victor Fultons Transfer Station, Wrexham, Clwyd<br>Operator Location: As Site Address<br>Authority: Environment Agency Wales, North Area<br>Site Category: Transfer<br>Max Input Rate: Undefined<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Unknown<br>Boundary Quality: Not Supplied<br>Authorised Waste: Incontinence Pad Waste<br>Sanitary Disposal Waste<br>Sharps In Sealed Containers<br>Used/Soiled Nappies | D3SW (SE) | 971 | 3 | 332001 350001 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS 1:625,000 Solid Geology**<br>Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated) | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **BGS 1:625,000 Solid Geology**<br>Description: Warwickshire Group | D1SE (S) | 0 | 1 | 331072 350065 |
| 58 | **BGS Recorded Mineral Sites**<br>Site Name: New Broughton Colliery, No. 1 Shaft<br>Location: New Broughton, Wrexham, Clwyd<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 14111<br>Type: Underground<br>**Status: Ceased**<br>Operator: New Broughton Colliery Co., Ltd.<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Lower Coal Measures Formation<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | D9SW (NW) | 729 | 1 | 330784 351375 |
| 58 | **BGS Recorded Mineral Sites**<br>Site Name: New Broughton Colliery, No. 2 Shaft<br>Location: New Broughton, Wrexham, Denbighshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 198578<br>Type: Underground<br>**Status: Ceased**<br>Operator: New Broughton Colliery Co., Ltd.<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | D9SW (NW) | 747 | 1 | 330739 351396 |
| | **Coal Mining Affected Areas**<br>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. | D5SE (SW) | 0 | 6 | 331220 350628 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | D5SE (SW) | 0 | - | 331220 350628 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331027 350000 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Rare<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331178 350000 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Rare<br>Source: British Geological Survey, National Geoscience Information Service | D1NE (S) | 27 | 1 | 331089 350257 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 196 | 1 | 331220 350000 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331220 350000 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331156 350579 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 197 | 1 | 331203 350610 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 243 | 1 | 331220 350628 |

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| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D2NW (SE) | 0 | 1 | 331348 350464 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331220 350000 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D6SW (SE) | 13 | 1 | 331273 350532 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 72 | 1 | 331156 350579 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 197 | 1 | 331203 350610 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 243 | 1 | 331220 350628 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331220 350000 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331220 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D1NE (SW) | 0 | 1 | 330925 350386 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (SW) | 0 | 1 | 330927 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331220 350000 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 197 | 1 | 331203 350610 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331220 350000 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331203 350610 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331156 350579 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 15 | 1 | 331026 350000 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 18 | 1 | 331011 350031 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | D1NE (S) | 41 | 1 | 331059 350143 |

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| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 243 | 1 | 331220 350628 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | D1NW (SW) | 0 | 1 | 330850 350376 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | D1SW (SW) | 0 | 1 | 330850 350001 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331100 350001 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | D1NW (SW) | 0 | 1 | 330850 350376 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | D5SE (SW) | 0 | 1 | 331220 350628 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | D1SW (SW) | 0 | 1 | 330850 350001 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | D1SE (S) | 0 | 1 | 331100 350001 |

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| 59 | **Contemporary Trade Directory Entries**<br>Name: W J Hanmer & Sons<br>Location: Berse Road, Caego, Wrexham, Clwyd, LL11 6TP<br>Classification: Bus & Coach Operators & Stations<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned in the proximity of the address | D10SW (N) | 684 | - | 331256 351184 |
| 60 | **Contemporary Trade Directory Entries**<br>Name: M J Roberts<br>Location: Glen Holme, Main Road, Caego, Wrexham, Clwyd, LL11 6TS<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | D6NW (N) | 691 | - | 331385 351097 |
| 61 | **Contemporary Trade Directory Entries**<br>Name: Sean Roberts Haulage Ltd<br>Location: Ty Alyn, Weston Road, New Broughton, Wrexham, Clwyd, LL11 6TG<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | D9SE (N) | 693 | - | 331089 351270 |
| 61 | **Contemporary Trade Directory Entries**<br>Name: J A Jones<br>Location: Newholme, Weston Road, New Broughton, Wrexham, Clwyd, LL11 6TG<br>Classification: Coal & Smokeless Fuel Merchants & Distributors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | D9SE (N) | 704 | - | 331050 351297 |
| 62 | **Contemporary Trade Directory Entries**<br>Name: Steve Williams Transport<br>Location: Bryn Helyg, Main Road, Caego, Wrexham, Clwyd, LL11 6TS<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | D10SW (N) | 708 | - | 331319 351172 |
| 63 | **Contemporary Trade Directory Entries**<br>Name: Rita'S Domestic Services<br>Location: 9, Caego Terrace, Caego, WREXHAM, Clwyd, LL11 6UB<br>Classification: Carpet, Curtain & Upholstery Cleaners<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | D6NW (NE) | 764 | - | 331446 351140 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: D Salisbury<br>Location: Mollbury, Main Road, Caego, Wrexham, Clwyd, LL11 6UE<br>Classification: French Polishing<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | D10SW (N) | 774 | - | 331322 351248 |
| 65 | **Contemporary Trade Directory Entries**<br>Name: Robertson'S Garage<br>Location: New Garage, Southsea Road, Wrexham, LL11 6TX<br>Classification: Garage Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | D9SE (N) | 812 | - | 330966 351432 |
| 66 | **Contemporary Trade Directory Entries**<br>Name: Pat'S Coaches<br>Location: Derwen House, Southsea Road, Southsea, Wrexham, LL11 6PP<br>Classification: Bus & Coach Operators & Stations<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | D9NW (NW) | 816 | - | 330650 351507 |
| 67 | **Contemporary Trade Directory Entries**<br>Name: Clean Easy<br>Location: 29, Atlea, New Broughton, Wrexham, Clwyd, LL11 6UH<br>Classification: Cleaning Services - Domestic<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | D10SW (N) | 886 | - | 331258 351407 |
| 68 | **Contemporary Trade Directory Entries**<br>Name: Kwik-Fit<br>Location: Dale Rd, New Broughton, Wrexham, Clwyd, LL11 6YE<br>Classification: Tyre Dealers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | D9NE (N) | 934 | - | 331042 351540 |
| 69 | **Contemporary Trade Directory Entries**<br>Name: E S I Technology Ltd<br>Location: Sensor House, Wrexham Technology Park, Wrexham, LL13 7YP<br>Classification: Engineers - General<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | D7SW (E) | 998 | - | 331981 350718 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 70 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 44697<br>Area(m²): 18598.4<br>Type: Plantation on Ancient Woodland | (SW) | 0 | 2 | 330110<br>349591 |
| 71 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 28401<br>Area(m²): 11927.41<br>Type: Ancient and Semi-Natural Woodland | (SW) | 0 | 2 | 330375<br>349500 |
| 72 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 28402<br>Area(m²): 25384.63<br>Type: Ancient and Semi-Natural Woodland | (SW) | 0 | 2 | 330130<br>349531 |
| 73 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31892<br>Area(m²): 3689.65<br>Type: Ancient and Semi-Natural Woodland | (SW) | 0 | 2 | 330535<br>349196 |
| 74 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31893<br>Area(m²): 3423.04<br>Type: Ancient and Semi-Natural Woodland | (SW) | 0 | 2 | 330572<br>349253 |
| 75 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31894<br>Area(m²): 5298.12<br>Type: Ancient and Semi-Natural Woodland | (SW) | 0 | 2 | 330633<br>349322 |
| 76 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 31895<br>Area(m²): 32563.69<br>Type: Ancient and Semi-Natural Woodland | (SW) | 0 | 2 | 329990<br>349921 |
| 77 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36800<br>Area(m²): 6187.18<br>Type: Restored Ancient Woodland Site | D5SE<br>(W) | 0 | 2 | 330963<br>350537 |
| 78 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36795<br>Area(m²): 10124.28<br>Type: Restored Ancient Woodland Site | (SW) | 0 | 2 | 330500<br>349345 |
| 79 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 47040<br>Area(m²): 25982.54<br>Type: Plantation on Ancient Woodland | D1NW<br>(SW) | 0 | 2 | 330745<br>350256 |
| 80 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 47041<br>Area(m²): 30794.46<br>Type: Plantation on Ancient Woodland | (W) | 0 | 2 | 330110<br>350438 |
| 81 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 29691<br>Area(m²): 23810.49<br>Type: Restored Ancient Woodland Site | (SW) | 0 | 2 | 330549<br>349431 |
| 82 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36799<br>Area(m²): 5763.65<br>Type: Restored Ancient Woodland Site | (W) | 0 | 2 | 330062<br>350362 |
| 83 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36799<br>Area(m²): 16577.14<br>Type: Restored Ancient Woodland Site | (W) | 14 | 2 | 330238<br>350488 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 84 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 37165<br>Area(m²): 14030.91<br>Type: Restored Ancient Woodland Site | (S) | 35 | 2 | 331088<br>349449 |
| 85 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 36801<br>Area(m²): 10494.97<br>Type: Restored Ancient Woodland Site | (W) | 112 | 2 | 330277<br>350690 |
| 86 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 44697<br>Area(m²): 2253.19<br>Type: Plantation on Ancient Woodland | (SW) | 129 | 2 | 329880<br>349489 |
| 87 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 33409<br>Area(m²): 11674.4<br>Type: Ancient and Semi-Natural Woodland | (S) | 144 | 2 | 331452<br>349136 |
| 88 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 37167<br>Area(m²): 5259.49<br>Type: Restored Ancient Woodland Site | D2NE (SE) | 468 | 2 | 331563<br>350412 |
| 89 | **Ancient Woodland**<br>Name: Not Supplied<br>Reference: 33410<br>Area(m²): 4736.41<br>Type: Ancient and Semi-Natural Woodland | (S) | 702 | 2 | 331775<br>349226 |

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

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Superficial Aquifer Designations** | | |
| Natural Resources Wales | January 2018 | Annually |
| **Source Protection Zones** | | |
| Natural Resources Wales | July 2017 | Annual Rolling Update |
| **Extreme Flooding from Rivers or Sea without Defences** | | |
| Natural Resources Wales | September 2020 | Quarterly |
| **Flooding from Rivers or Sea without Defences** | | |
| Natural Resources Wales | September 2020 | Quarterly |
| **Areas Benefiting from Flood Defences** | | |
| Natural Resources Wales | November 2019 | Quarterly |
| **Flood Water Storage Areas** | | |
| Natural Resources Wales | August 2019 | Quarterly |
| **Flood Defences** | | |
| Natural Resources Wales | November 2019 | Quarterly |
| **OS Water Network Lines** | | |
| Ordnance Survey | October 2021 | Quarterly |
| **BGS Groundwater Flooding Susceptibility** | | |
| British Geological Survey - National Geoscience Information Service | May 2013 | Annually |
| **Waste** | **Version** | **Update Cycle** |
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | November 2002 | Not Applicable |
| **Historical Landfill Sites** | | |
| Natural Resources Wales | July 2019 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - Welsh Region | January 2009 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency Wales - North Area | October 2021 | Quarterly |
| Natural Resources Wales | October 2021 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Natural Resources Wales | April 2021 | Quarterly |
| Environment Agency Wales - North Area | July 2021 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Flintshire Council - Environmental Health Department | February 2003 | Not Applicable |
| Wrexham County Borough Council | February 2003 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Flintshire Council - Environmental Health Department | October 2018 | |
| Wrexham County Borough Council | October 2018 | |
| **Registered Landfill Sites** | | |
| Environment Agency Wales - North Area | March 2006 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency Wales - North Area | April 2018 | |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency Wales - North Area | June 2015 | |

| Hazardous Substances | Version | Update Cycle |
|---|---|---|
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | January 2022 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | March 2017 | Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | August 2001 | |
| **Planning Hazardous Substance Enforcements** | | |
| Wrexham County Borough Council - Planning Department | February 2016 | Variable |
| Flintshire Council | January 2016 | Variable |
| **Planning Hazardous Substance Consents** | | |
| Wrexham County Borough Council - Planning Department | February 2016 | Variable |
| Flintshire Council | January 2016 | Variable |
| **Geological** | **Version** | **Update Cycle** |
| **BGS 1:625,000 Solid Geology** | | |
| British Geological Survey - National Geoscience Information Service | January 2009 | Not Applicable |
| **BGS Recorded Mineral Sites** | | |
| British Geological Survey - National Geoscience Information Service | November 2021 | Bi-Annually |
| **CBSCB Compensation District** | | |
| Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011 | |
| Cheshire Brine Subsidence Compensation Board (CBSCB) | November 2020 | As notified |
| **Coal Mining Affected Areas** | | |
| The Coal Authority - Property Searches | March 2014 | Annual Rolling Update |
| **Mining Instability** | | |
| Ove Arup & Partners | June 1998 | Not Applicable |
| **Non Coal Mining Areas of Great Britain** | | |
| British Geological Survey - National Geoscience Information Service | May 2015 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | April 2020 | As notified |
| **Potential for Compressible Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Ground Dissolution Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Landslide Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Running Sand Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Radon Potential - Radon Affected Areas** | | |
| British Geological Survey - National Geoscience Information Service | July 2011 | Annually |
| **Radon Potential - Radon Protection Measures** | | |
| British Geological Survey - National Geoscience Information Service | July 2011 | Annually |

| Industrial Land Use | Version | Update Cycle |
|---|---|---|
| **Contemporary Trade Directory Entries** | | |
| Thomson Directories | January 2022 | Quarterly |
| **Fuel Station Entries** | | |
| Catalist Ltd - Experian | November 2021 | Quarterly |
| **Gas Pipelines** | | |
| National Grid | October 2021 | Bi-Annually |
| **Underground Electrical Cables** | | |
| National Grid | May 2021 | Bi-Annually |
| **Sensitive Land Use** | **Version** | **Update Cycle** |
| **Ancient Woodland** | | |
| Natural Resources Wales | September 2018 | Bi-Annually |
| **Areas of Adopted Green Belt** | | |
| Flintshire Council | October 2020 | Quarterly |
| Wrexham County Borough Council | October 2020 | Quarterly |
| **Areas of Unadopted Green Belt** | | |
| Flintshire Council | October 2020 | Quarterly |
| Wrexham County Borough Council | October 2020 | Quarterly |
| **Areas of Outstanding Natural Beauty** | | |
| Natural Resources Wales | June 2019 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| The National Assembly for Wales - GI Services (Department of Planning & Countryside) | January 2017 | |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Flintshire Council | August 2018 | Bi-Annually |
| Wrexham County Borough Council | August 2018 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural Resources Wales | August 2018 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural Resources Wales | July 2019 | Bi-Annually |
| **National Parks** | | |
| Natural Resources Wales | February 2018 | Annually |
| **Nitrate Vulnerable Zones** | | |
| The National Assembly for Wales - GI Services (Department of Planning & Countryside) | April 2016 | |
| Natural Resources Wales | July 2019 | Bi-Annually |
| **Ramsar Sites** | | |
| Natural Resources Wales | July 2019 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural Resources Wales | March 2020 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural Resources Wales | August 2020 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural Resources Wales | August 2018 | Bi-Annually |

# Data Suppliers

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** | |
| **Centre for Ecology and Hydrology** | |
| **Natural Resources Wales** | |
| **Scottish Natural Heritage** | |
| **Natural England** | |
| **Public Health England** | |
| **Ove Arup** | |
| **Stantec UK Ltd** | |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 2 | **Natural Resources Wales**<br>Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP | Telephone: 0300 065 3000<br>Email: enquiries@naturalresourceswales.gov.uk |
| 3 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 4 | **Ordnance Survey**<br>Adanac Drive, Southampton, Hampshire, SO16 0AS | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk |
| 5 | **Wrexham County Borough Council**<br>Lampet Street, Guildhall, Wrexham, Clwyd, LL11 1WL | Telephone: 01978 292000<br>Fax: 01978 292502<br>Website: www.wrexham.gov.uk |
| 6 | **The Coal Authority - Property Searches**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: groundstability@coal.gov.uk<br>Website: www2.groundstability.com |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

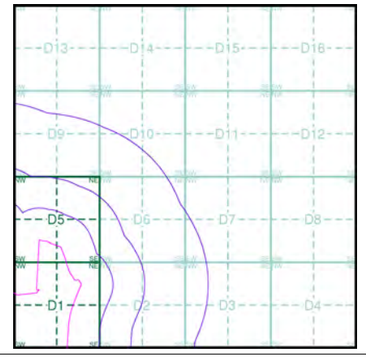
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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)
BM 123.45 m 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

RPS

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:10,560 | 1879 | 2 |
| Denbighshire | 1:10,560 | 1900 | 3 |
| Denbighshire | 1:10,560 | 1915 | 4 |
| Denbighshire | 1:10,560 | 1938 | 5 |
| Denbighshire | 1:10,560 | 1938 | 6 |
| Denbighshire | 1:10,560 | 1954 | 7 |
| Ordnance Survey Plan | 1:10,000 | 1964 | 8 |
| Ordnance Survey Plan | 1:10,000 | 1974 - 1979 | 9 |
| Ordnance Survey Plan | 1:10,000 | 1981 | 10 |
| Ordnance Survey Plan | 1:10,000 | 1988 | 11 |
| Ordnance Survey Plan | 1:10,000 | 1990 - 1993 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1992 | 13 |
| 10K Raster Mapping | 1:10,000 | 2000 | 14 |
| Street View | Variable | | 15 |

## Historical Map - Slice D



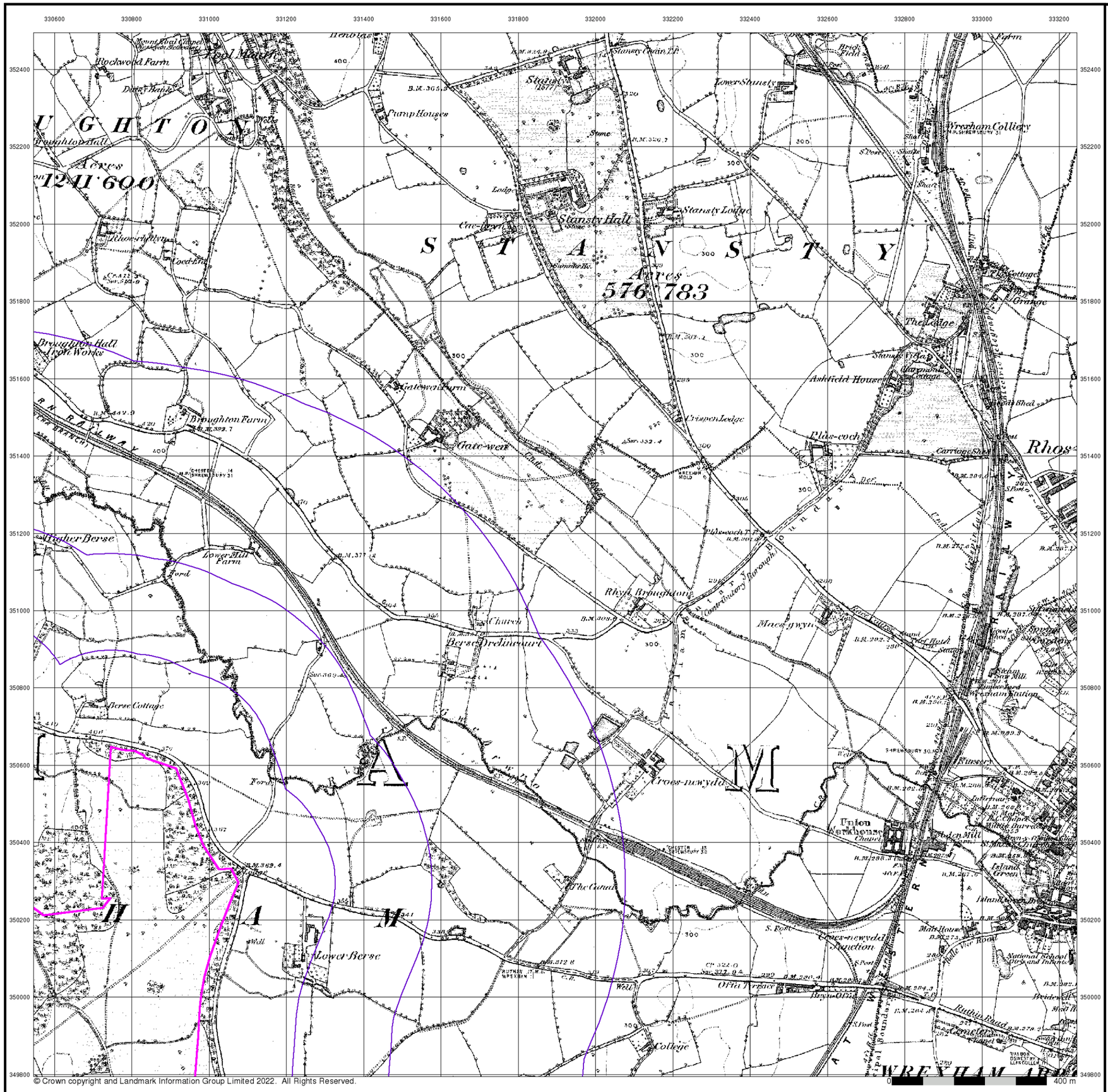

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 331220, 350630
Slice: D
Site Area (Ha): 145.64
Search Buffer (m): 1000

## Site Details

Site at 330330, 350090


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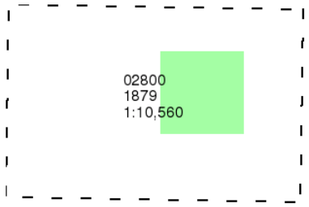
## Denbighshire

## Published 1879

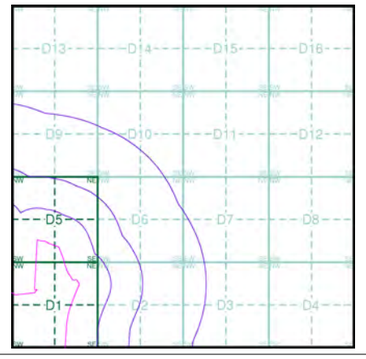
## Source map scale - 1:10,560

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 D



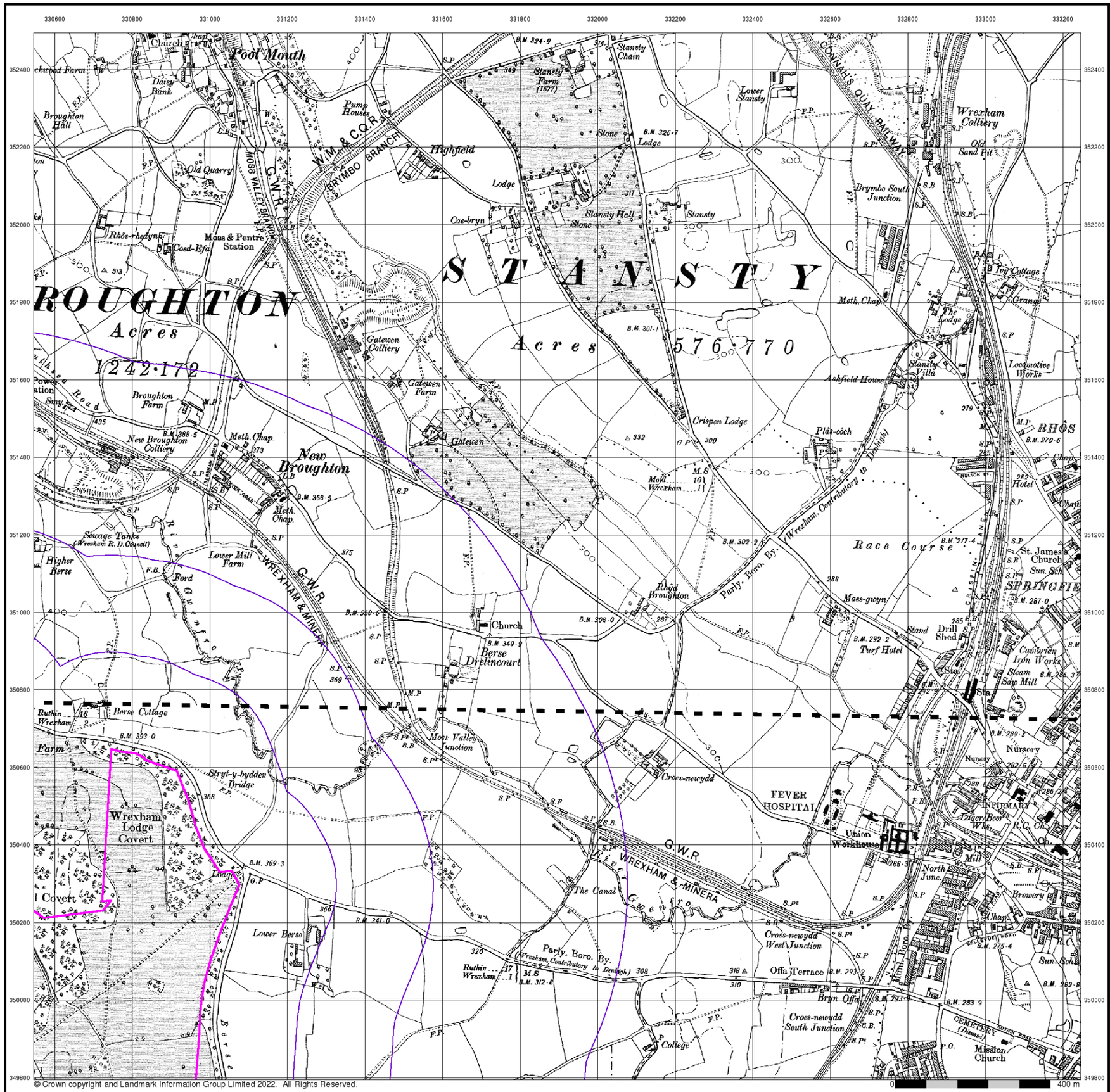

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| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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## Denbighshire

## Published 1900

## Source map scale - 1:10,560

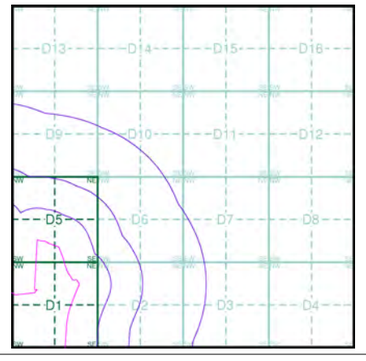
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## Map Name(s) and Date(s)

028NE
1900
1:10,560

028SE
1900
1:10,560

## Historical Map - Slice D



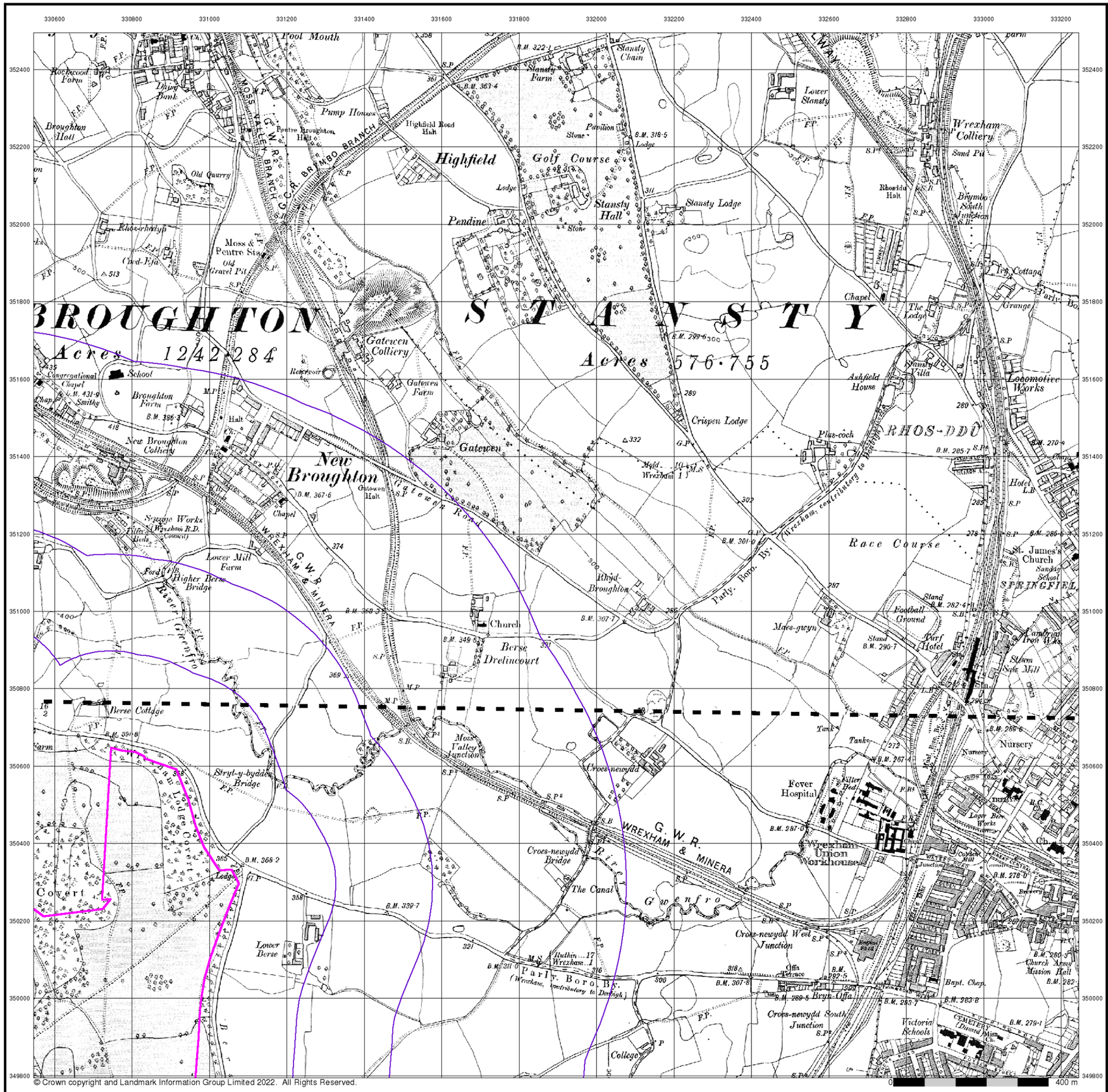

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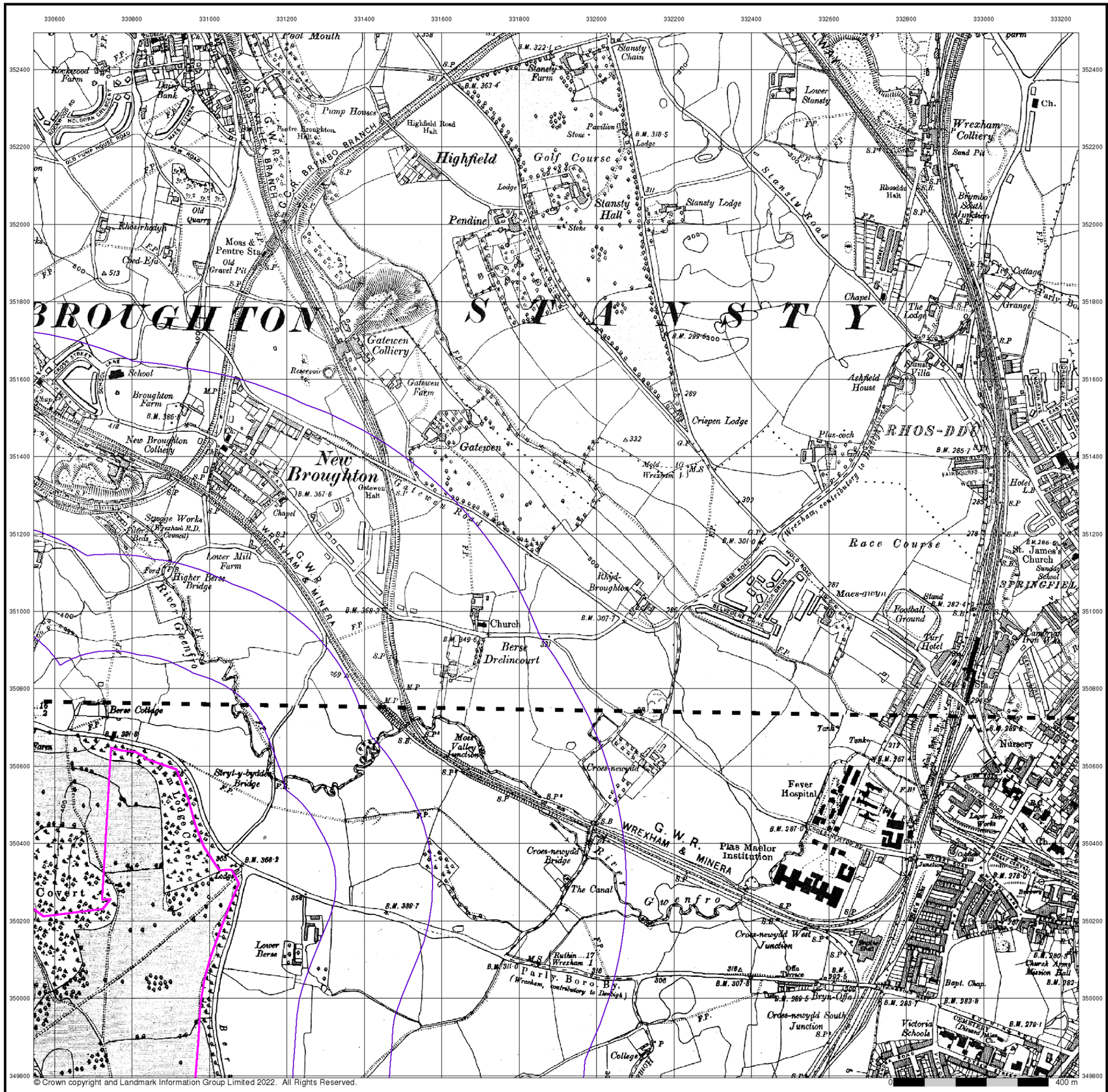
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Acres 1242·284
STANSTY
Acres 576·755
New Broughton
Highfield Golf Course
Stansty Hall
Stansty Lodge
Pendine
Gateven Colliery
Gateven Farm
Gateven
Crispen Lodge
RHOS-DDU
Wrexham Colliery
Locomotive Works
Race Course
Broughton Hall
Broughton Farm
New Broughton Colliery
Lower Mill Farm
Higher Berse
Berse Drelincourt
Berse Cottage
Lower Berse
Moss Valley Junction
Cross-newydd
Cross-newydd Bridge
Cross-newydd West Junction
Cross-newydd South Junction
Wrexham Union Workhouse
Fever Hospital
Nursery
Football Ground
Parly. Boro. Bg.
Highfield Road Halt
Pentre Broughton Halt
Rhosddu Halt
Gateven Halt
Pool Mouth
Lower Stansty
Stansty Farm
Stansty Chain
Brymbo South Junction
Ashfield House
Stansty Villa
The Lodge
Chapel
Grange
Plas-coch
Hotel
Sandy Cottage
Pump House
Old Quarry
Old Gravel Pit
Moss & Pentre Stas
Rhos-irhadyn
Ffrwd-fyla
Rocksood Farm
Dining Bank
Stone
Pavilion
Lodge
Reservoir
Congregational Chapel
School
Smithy
Square Works
Wrexham R.D. Council Tiffin Beds
Ford Wks
Chapel
Church
Stryt-y-bydde Bridge
Lodge Covert
Covert
The Canal
Ruthin ... 17
Wrexham ... 1
Contributory to Denbigh
Wrexham, contributory to parliamentary
Mold - Wrexham (1)
Stand
Parf Hotel
Cambrian Iron Wks
Steam Saw Mill
Tanks
Gas Holder
Gas Works
Brymbo Steel Works
Sidings
Colliery Mill
Loco Shops
Loco Stores
Loco Offices
Loco Yard
Loco Boiler Works
Loco Erecting Shop
Loco Paint Shop
Loco Smithy
Loco Wheel Shop
Loco Tender Shop
Loco Fitting Shop
Loco Coal Stage
Loco Sand Stage
Loco Water Tank
Loco Turntable
Loco Engine Shed
Loco Carriage Shed
Loco Goods Shed
Loco Goods Yard
Loco Goods Office
Loco Goods Warehouse
Loco Goods Crane
Loco Goods Weighbridge
Loco Goods Scales
Loco Goods Platform




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## Denbighshire

## Published 1938

## Source map scale - 1:10,560

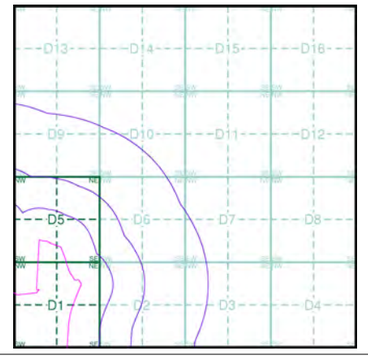
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## Map Name(s) and Date(s)

028NE
1938
1:10,560

028SE
1938
1:10,560

## Historical Map - Slice D



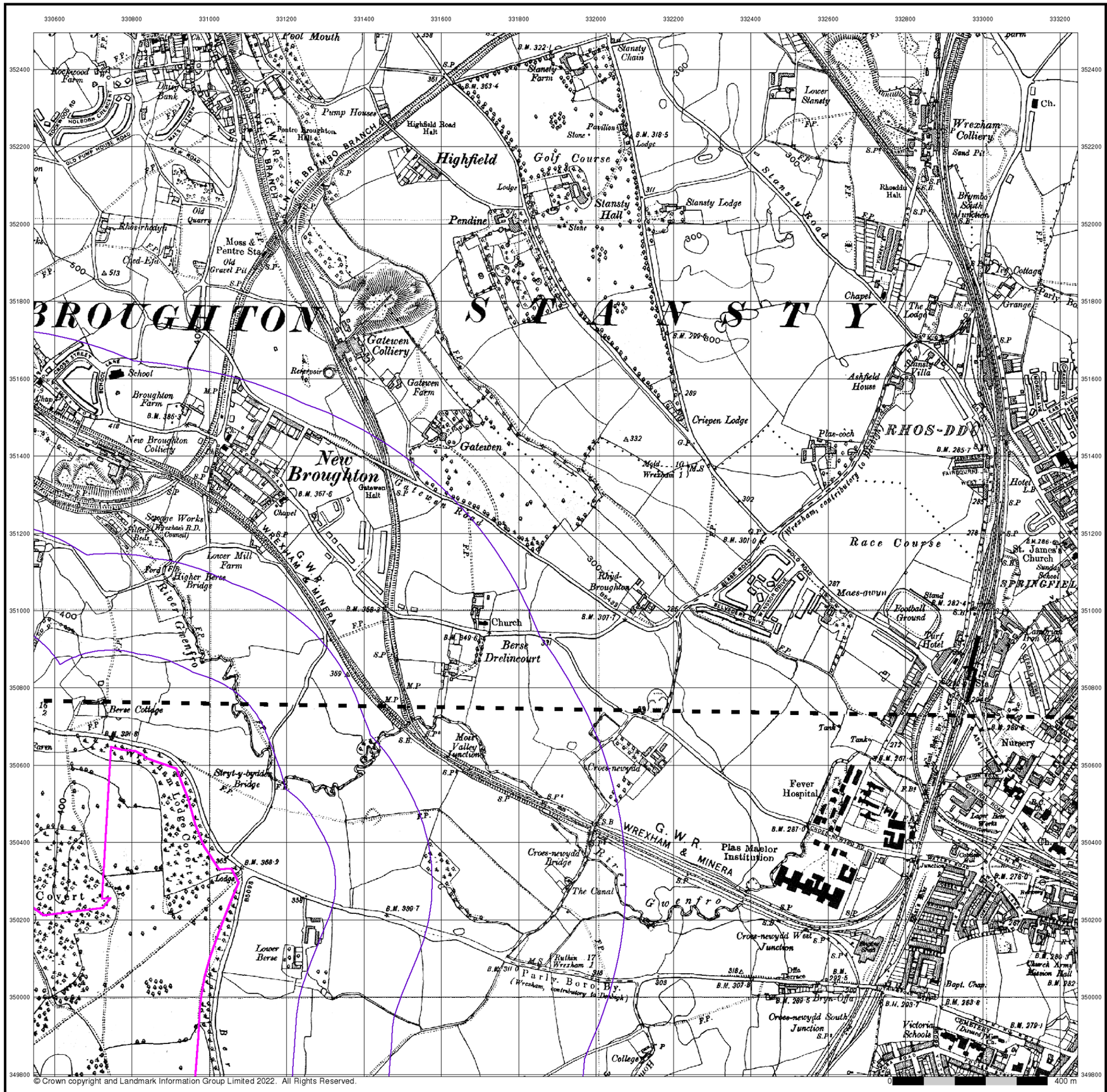

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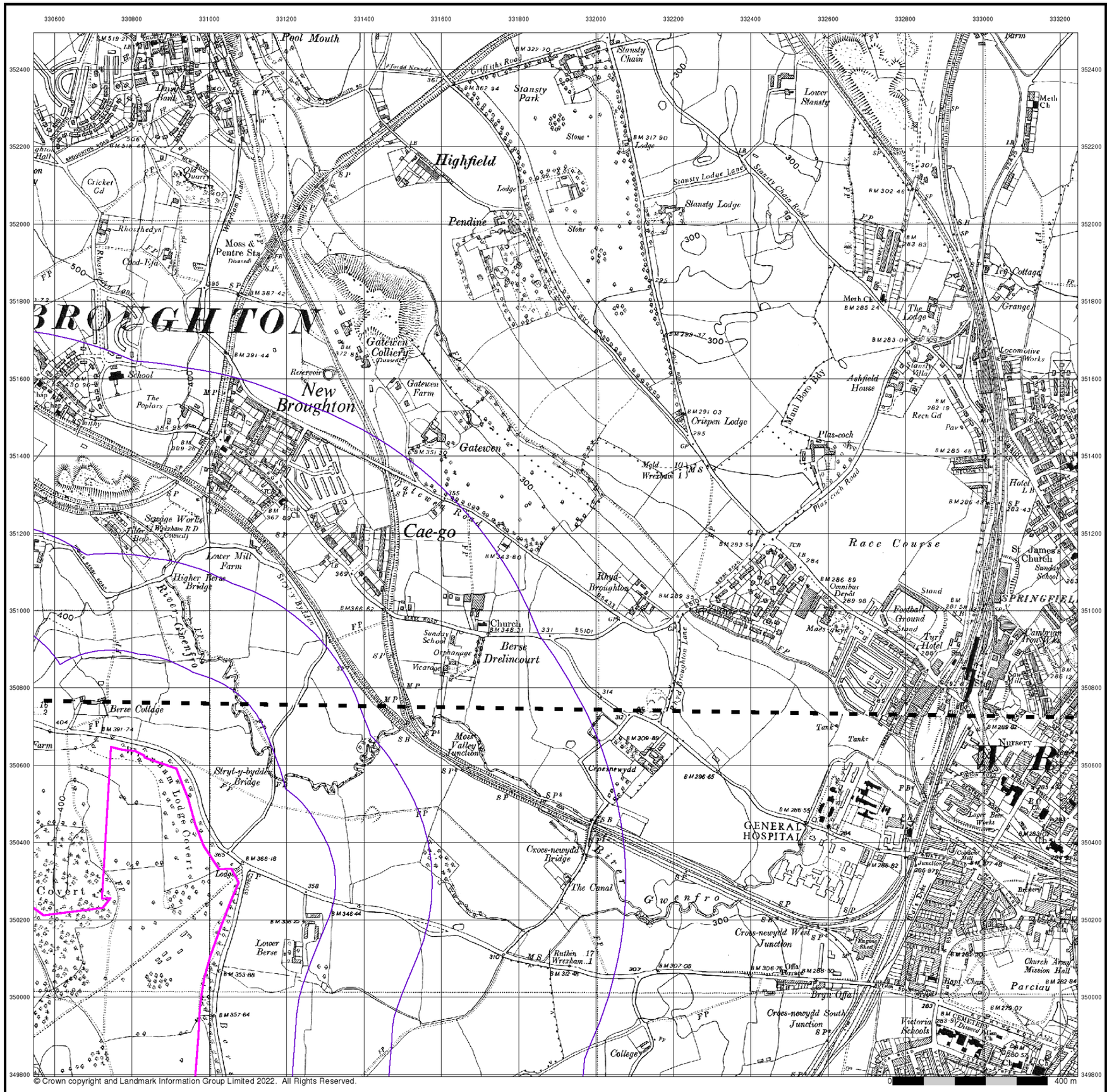
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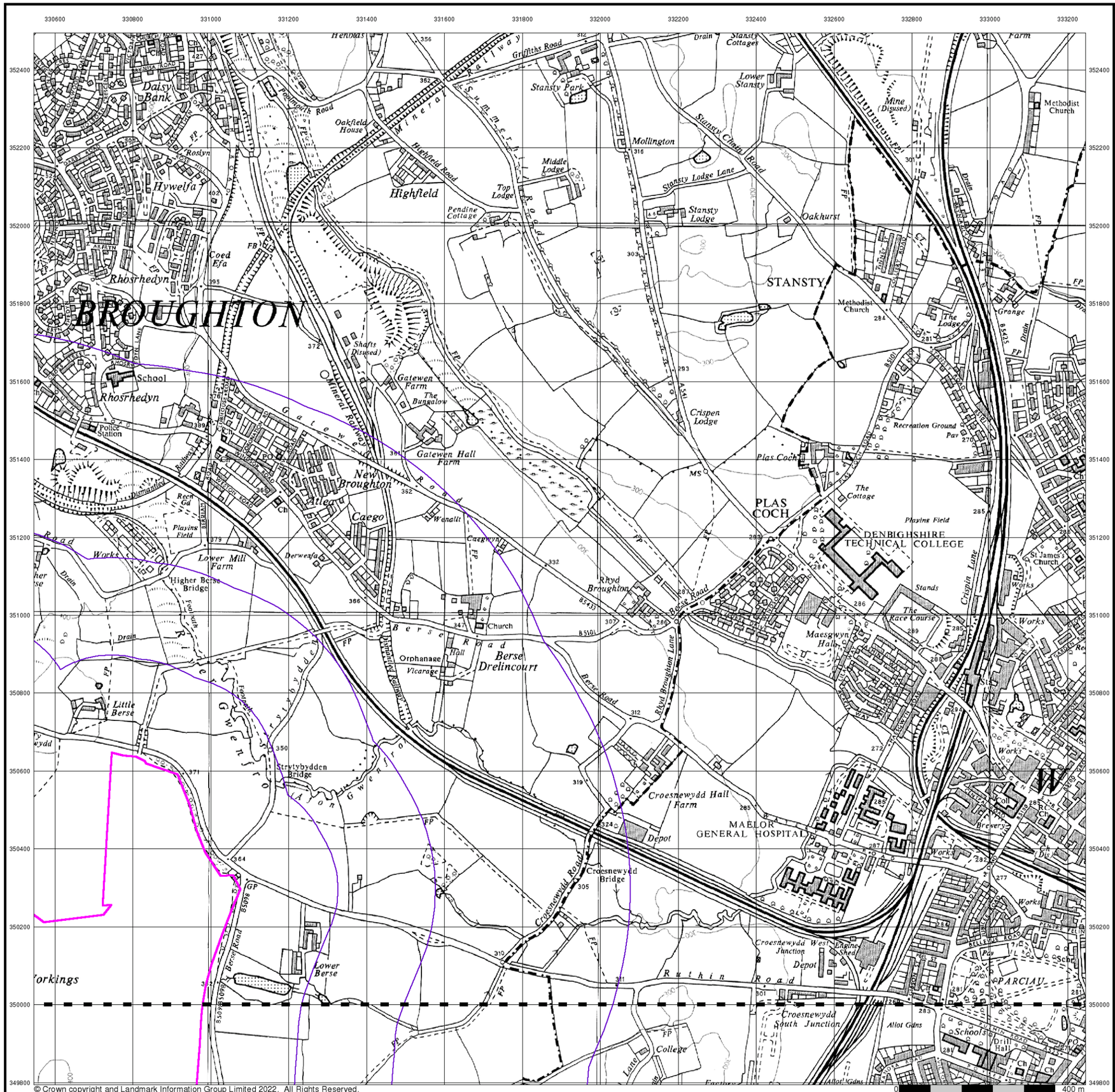
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BROUGHTON
STANSTY
New Broughton
Highfield
Golf Course
Pendine
Stansty Hall
Stansty Lodge
Stansty Road
Gatewen Colliery
Gatewen Farm
Gatewen
Criepen Lodge
Ashfield House
Stansty Villa
RHOS-DDU
Wrexham Colliery
Sand Pit
Brymbo South Junction
Rhosddu Halt
Lower Stansty
Stansty Chain
Stansty Farm
Highfield Road Halt
Pump House
Pentre Broughton Hall
Old Quarry
Moss & Pentre Sta.
Old Gravel Pit
Rhos-irhaidyn
Cled-Lyfn
Broughton Farm
New Broughton Colliery
School
Reservoir
Gatewen Halt
Soapstone Works
Lower Mill Farm
Higher Berse Bridge
River Gwenfro
Berse Drelincourt
Church
Berse College
Moss Valley Junctions
Stryt-y-bridin Bridge
Croes-newydd
Croes-newydd Bridge
The Canal
Croes-newydd West Junction
Croes-newydd South Junction
Fever Hospital
Plas Maelor Institution
Nursery
Race Course
Maes-mawn
Football Ground
Turf Hotel
Stand
Rhyd-Broughton
Plas-coch
Hotel
St. James's Church
Sunday School
SPRINGFIELD
Victoria Schools
Bapt. Chap.
Church Army Mission Hall
Tel. Cottage
Grange
Parly. Bo.
Chapel
The Lodge
Lower Berse Works
Pool Mouth
Rockwood Farm
Dining Bank
Ch.
Parly. Boro. By. (Wrexham, contributory to Denbigh)
Wrexham, contributory to Bersham
G.W.R. Wrexham & Minera Branch
G.W.R. Wrexham & Minera
Mold - Wrexham
Mold 10 M.S. 1
Rithin 17 Wrexham
Wrexham & Minera Mineral Railway
Wrexham Branch
Wrexham Coal & Iron Co's Railway
Wrexham Lodge Covert
Court
Beer
Nolborn Creek
Old Pump House Road
New Road
Mill Street
Cross Street
Lake
Chap
Ch.
College
Tank
Lodge
Stone
Pavilion
Fairground
Works
Sidings
Junction
Terrace
Offa Terrace
Bryn-Offa
Cemetery
Cemetery Ch.
Lower Berse
Lodge
Stone
Tank
Nursery


BROUGHTON
New Broughton
Cae-go
Highfield
Pendine
Stansty Park
Stansty Chain
Lower Stansty
Stansty Lodge
Stansty Lodge Lane
Stansty Chain Road
Griffiths Road
Pool Mouth
Gateven Colliery
Gateven Farm
Gateven
Crispen Lodge
Ashfield House
Plas-coch
Plas-coch Road
Race Course
Locomotive Works
Grange
The Lodge
Ivy Cottage
Meth Ch
Moss & Pentre Sta
Wrexham Road
Rhosthedyn
Chod-Fyfa
Cricket Gd
Quarry
Reservoir
School
The Poplars
Sewage Works
Lower Mill Farm
Higher Berse Bridge
River Gwenfro
Stryt-y-Byddar
Berse Drelincourt
Berse College
Vicarage
Orphanage
Sunday School
Church
Moss Valley Junction
Stryt-y-bydda Bridge
Croes-newydd
Croes-newydd Bridge
The Canal
Gwenfro
Croes-newydd West Junction
Croes-newydd South Junction
Bryn Offa
Rhyd Broughton
Rhyd Broughton Lane
Maes Gwyn
Football Ground
Stand
Turf Hotel
Tanks
Nursery
GENERAL HOSPITAL
Victoria Schools
Cambrian Iron Works
Lower Bro Works
Junction
Parciau
Church Army Mission Hall
St James' Church
Sunday School
SPRINGFIELD
Omnibus Depot
Maul Boro Bdy
Rec Gd
Hotel
Covert
Lodge
Lower Berse
Ruthin
Wrexham
Omnibus
Tank
Stand
Parc
Parc
Parc




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## Ordnance Survey Plan

## Published 1964

## Source map scale - 1:10,000

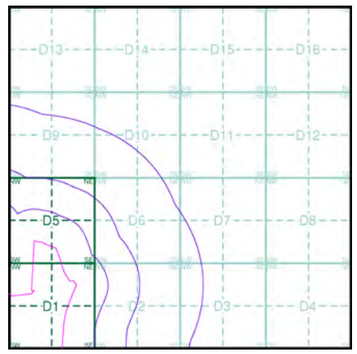
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## Map Name(s) and Date(s)

SJ35SW
1964
1:10,560

SJ34NW
1964
1:10,560

## Historical Map - Slice D



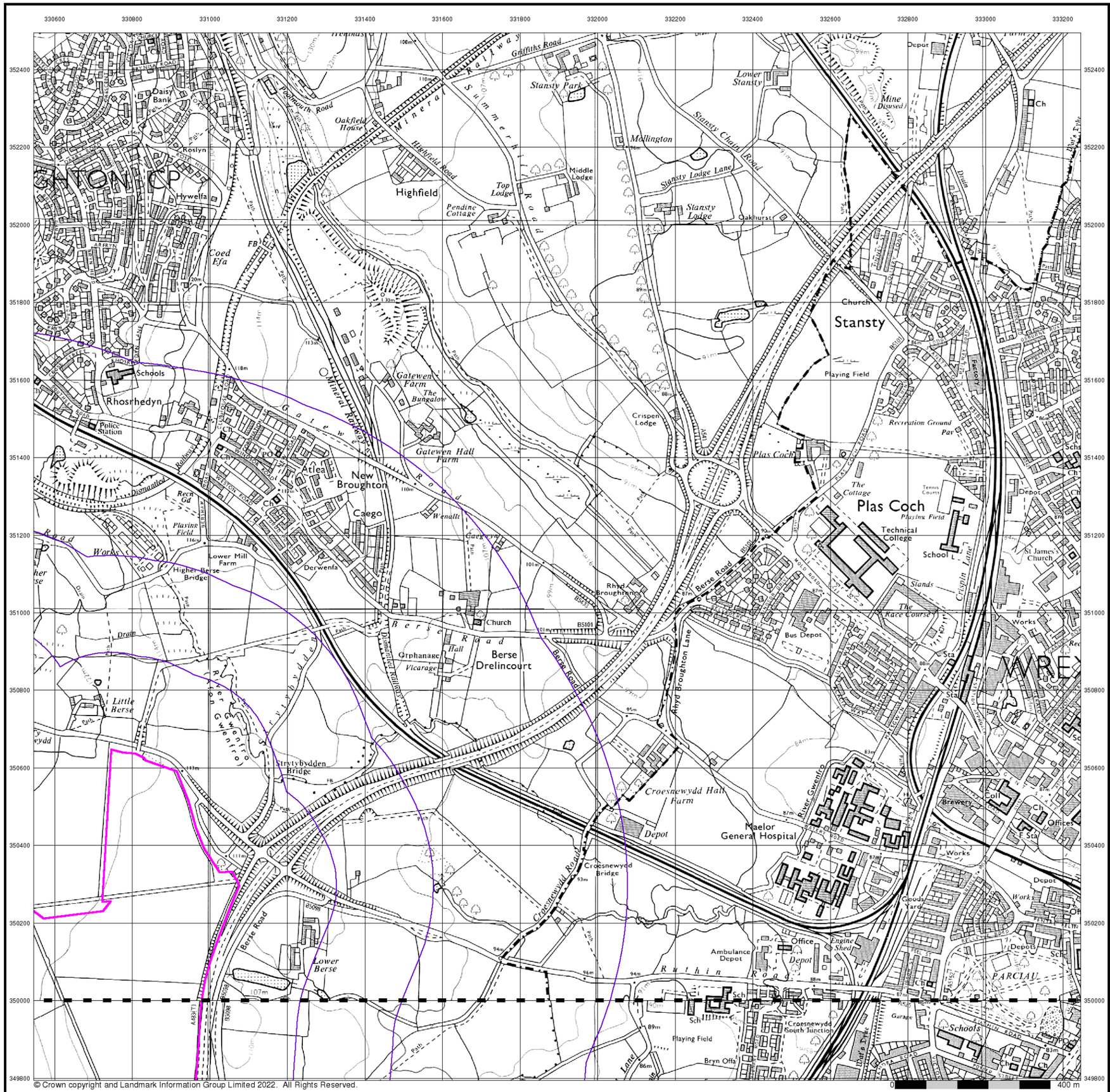

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| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

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# Ordnance Survey Plan

## Published 1974 - 1979

## Source map scale - 1:10,000

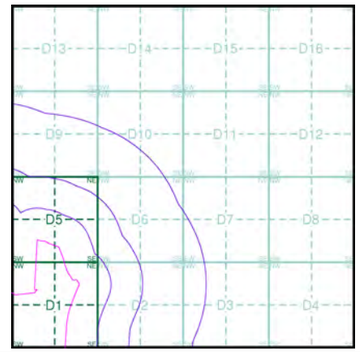
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## Map Name(s) and Date(s)

SJ35SW
1974
1:10,000

SJ34NW
1979
1:10,000

## Historical Map - Slice D



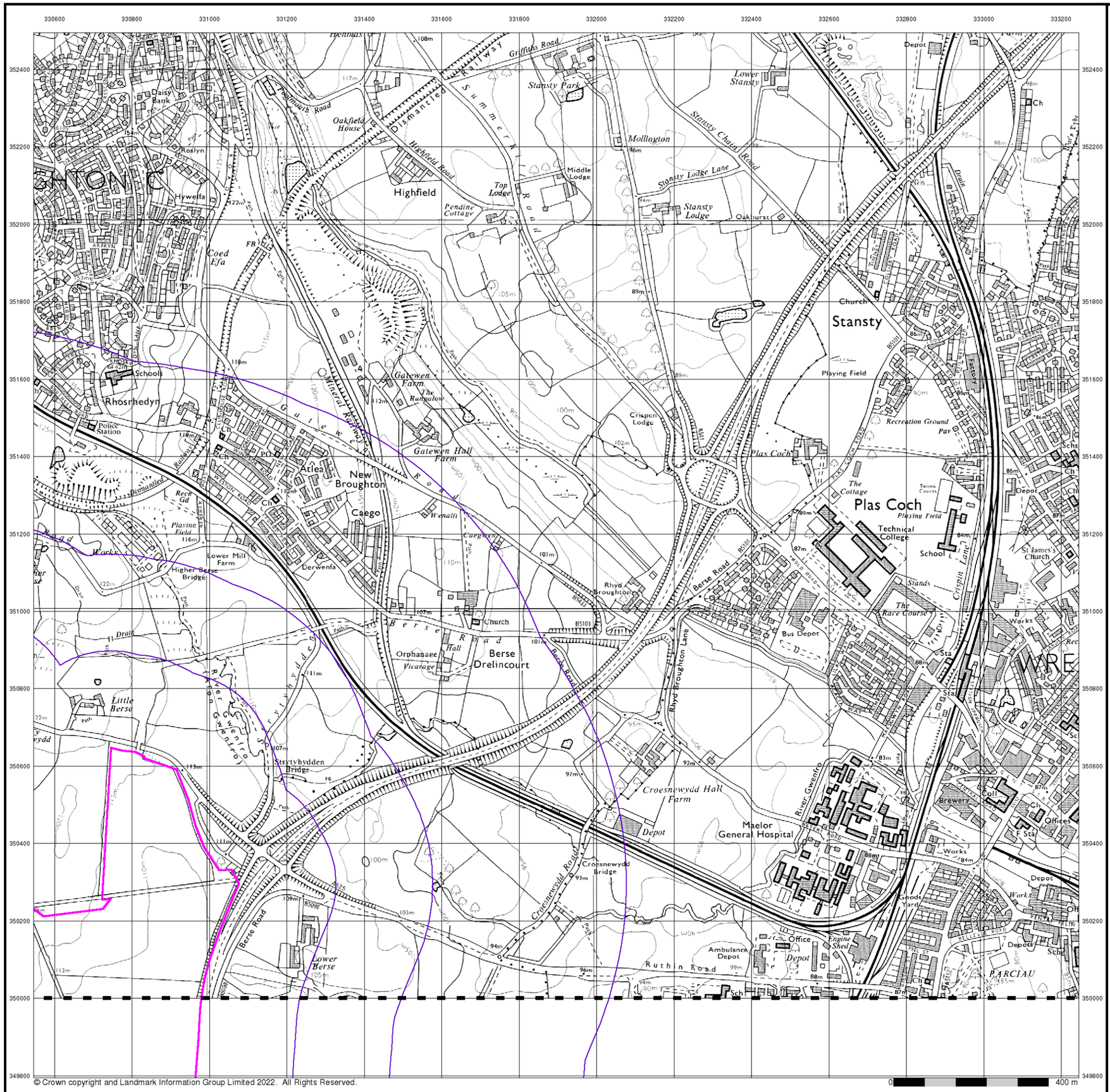

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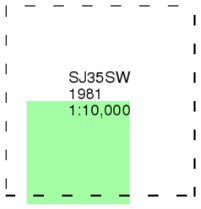
## Ordnance Survey Plan

## Published 1981

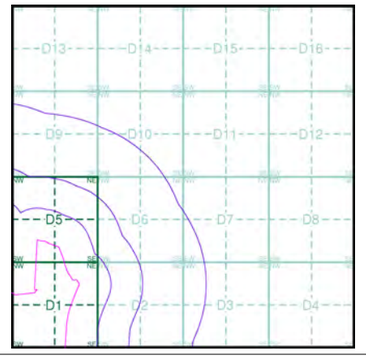
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## Map Name(s) and Date(s)




## Historical Map - Slice D




## Order Details

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| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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| Slice: | D |
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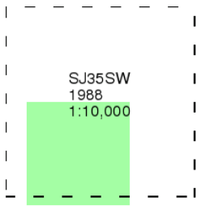
## Ordnance Survey Plan

**Published 1988**

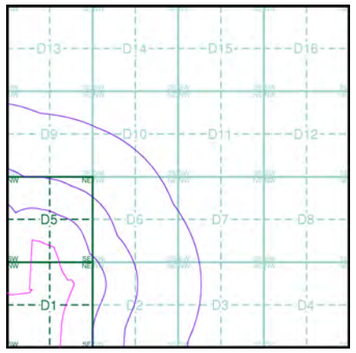
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## Map Name(s) and Date(s)




## Historical Map - Slice D



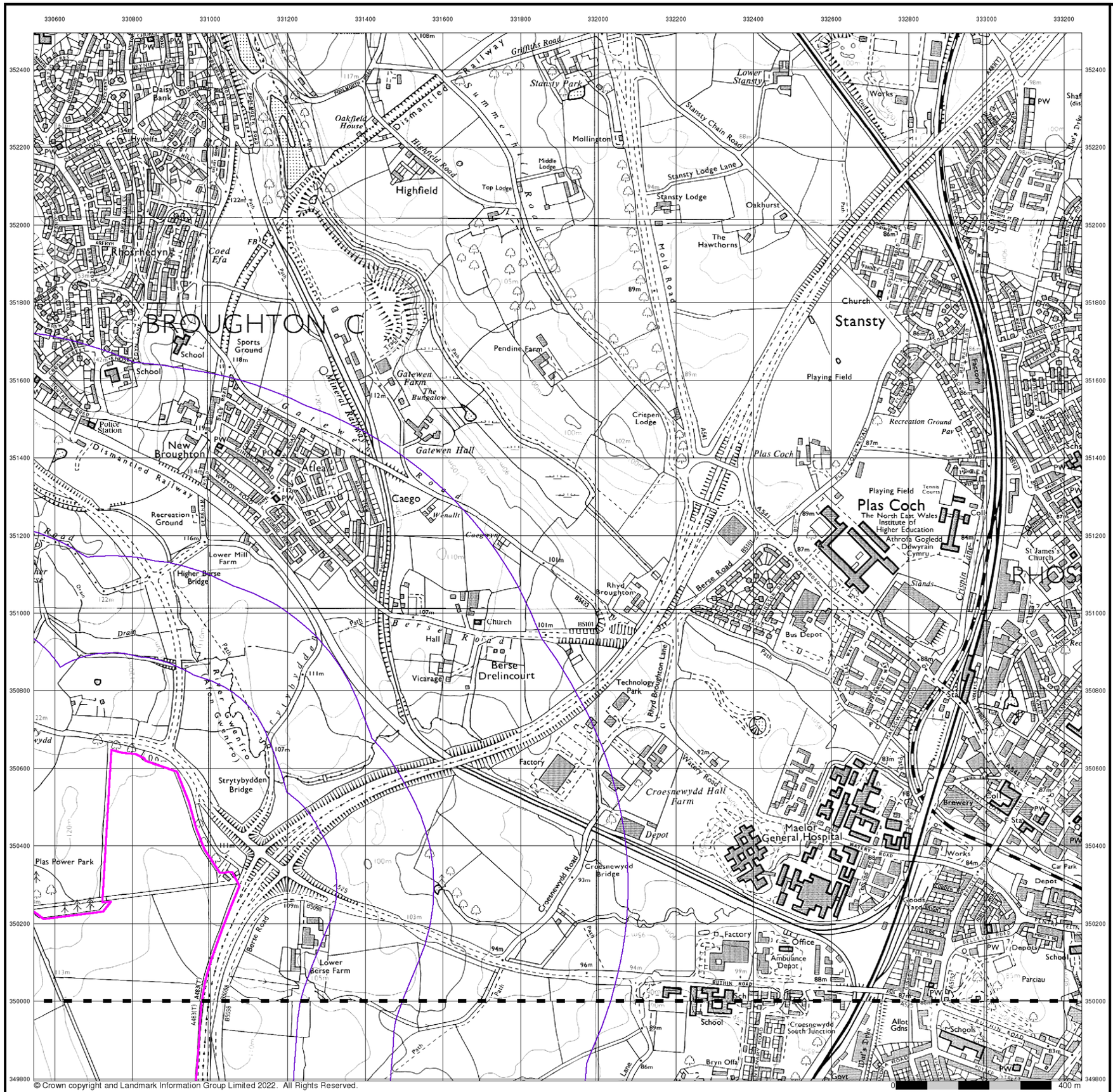

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## Ordnance Survey Plan

### Published 1990 - 1993

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

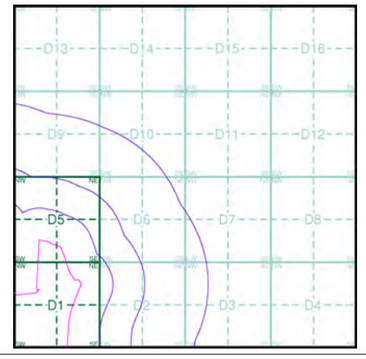
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## Map Name(s) and Date(s)

SJ35SW
1990
1:10,000

SJ34NW
1993
1:10,000

## Historical Map - Slice D



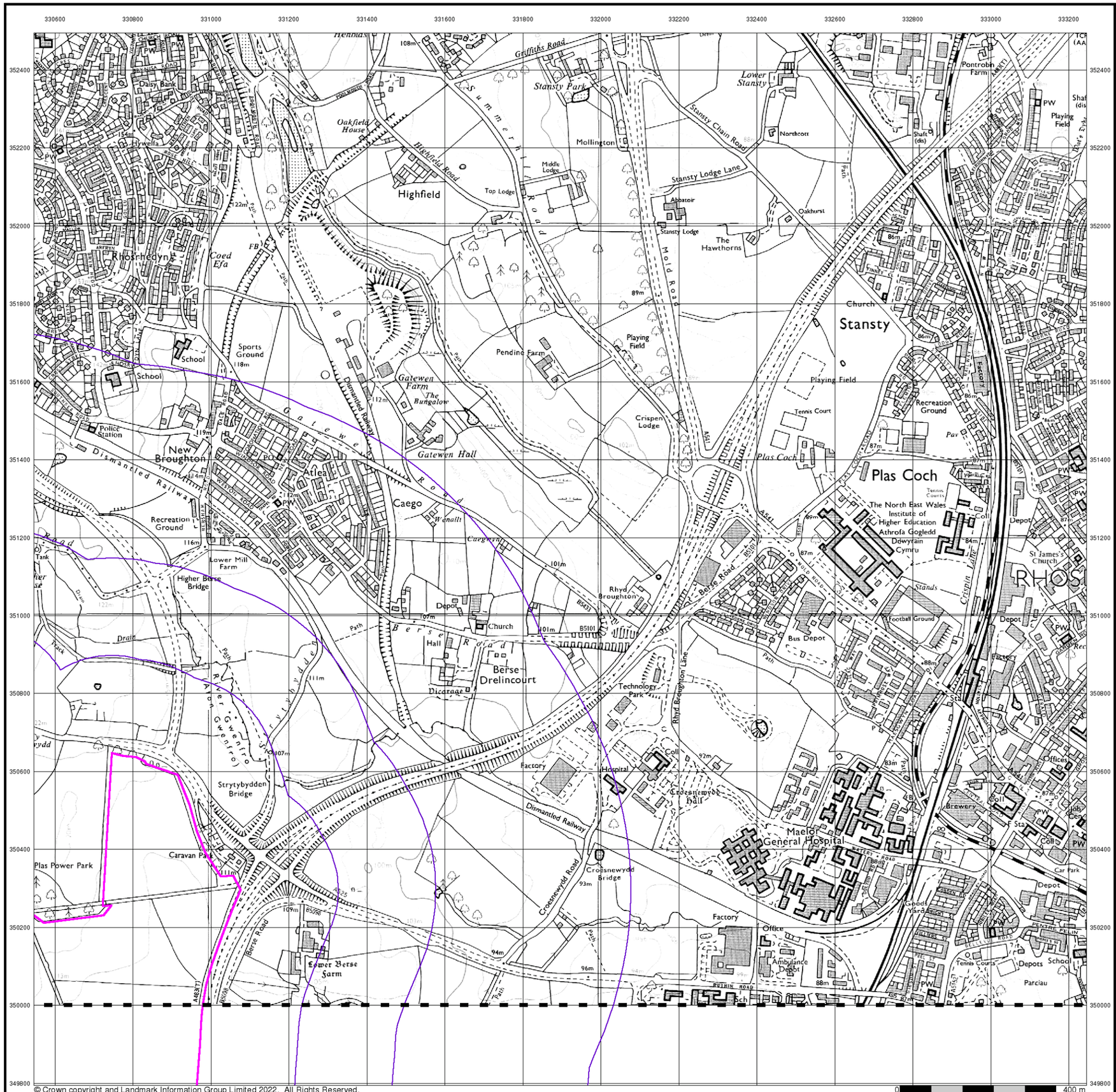

## Order Details

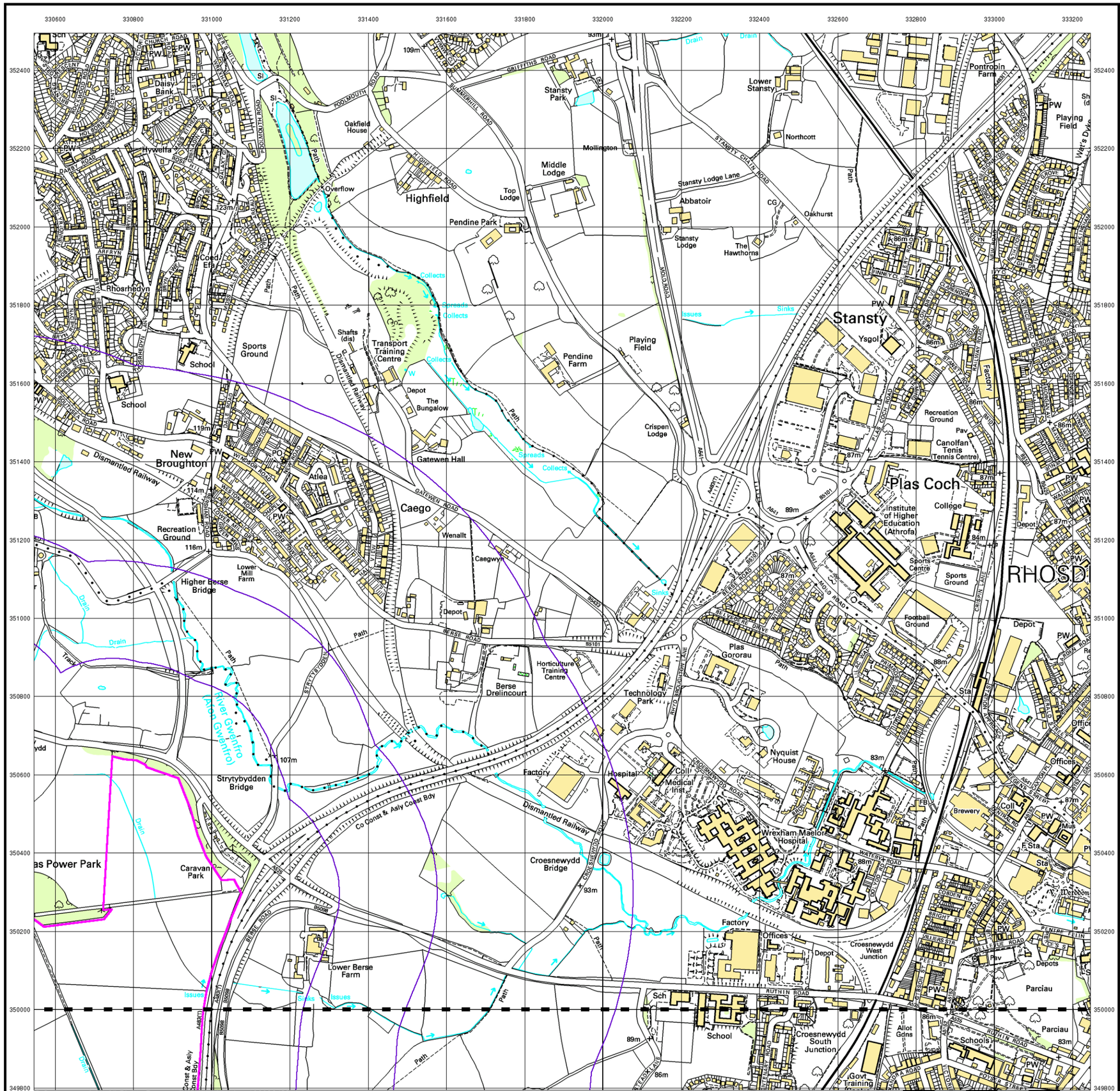
| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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Web: www.envirocheck.co.uk


Griffiths Road
Stansty Park
Lower Stansty
Pontrobin Farm
Oakfield House
Highfield Road
Mollington
Stansty Chain Road
Northcott
Playing Field
Highfield
Top Lodge
Middle Lodge
Stansty Lodge Lane
Abattoir
Stansty Lodge
Oakhurst
The Hawthorns
Rhosrheedyn
Coed Efa
Mold Road
Church
Stansty
Sports Ground
School
Pendine Farm
Playing Field
Gatewen Farm
The Bungalow
Recreation Ground
Tennis Court
Crispen Lodge
Police Station
New Broughton
Gatewen Hall
Plas Coch
Dismantled Railway
Atlea
Caego
Wrenallt
Caegwern
Lower Mill Farm
Higher Berse Bridge
Rhyd Broughton
Depot
Church
Hall
Berse Drelincourt
Vicarage
Technology Park
Rhyd Broughton Lane
Football Ground
Bus Depot
Factory
Hospital
Croesnewydd Hall
Maelor General Hospital
Brewery
Offices
Strytybydden Bridge
River Gwenfro
Plas Power Park
Caravan Park
Croesnewydd Road
Croesnewydd Bridge
Lower Berse Farm
Ambulance Depot
Office
Tennis Courts
Depots
Parciau
School
The North East Wales Institute of Higher Education
Athrofa Gogledd Ddwyrain Cymru
St James's Church
Crispin Lane
Stands
Goods Yard
Car Park
Berse Road
Ruthin Road
Mold Road
Dismantled Railway
Path
Drain
Track
Pav
Sch
Coll
Depot
Factory
Brewery
Offices
Tennis Courts
Football Ground
Playing Field
Recreation Ground
Car Park
Goods Yard
Stands
Crispin Lane
Ruthin Road
Berse




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## 10k Raster Mapping

## Published 2000

## Source map scale - 1:10,000

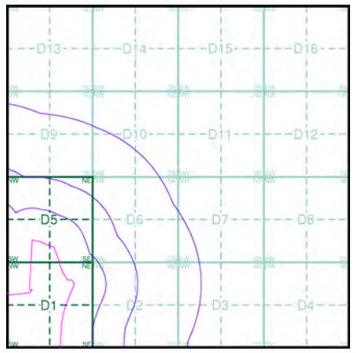
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

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

SJ35SW
2000
1:10,000

SJ34NW
2000
1:10,000

## Historical Map - Slice D



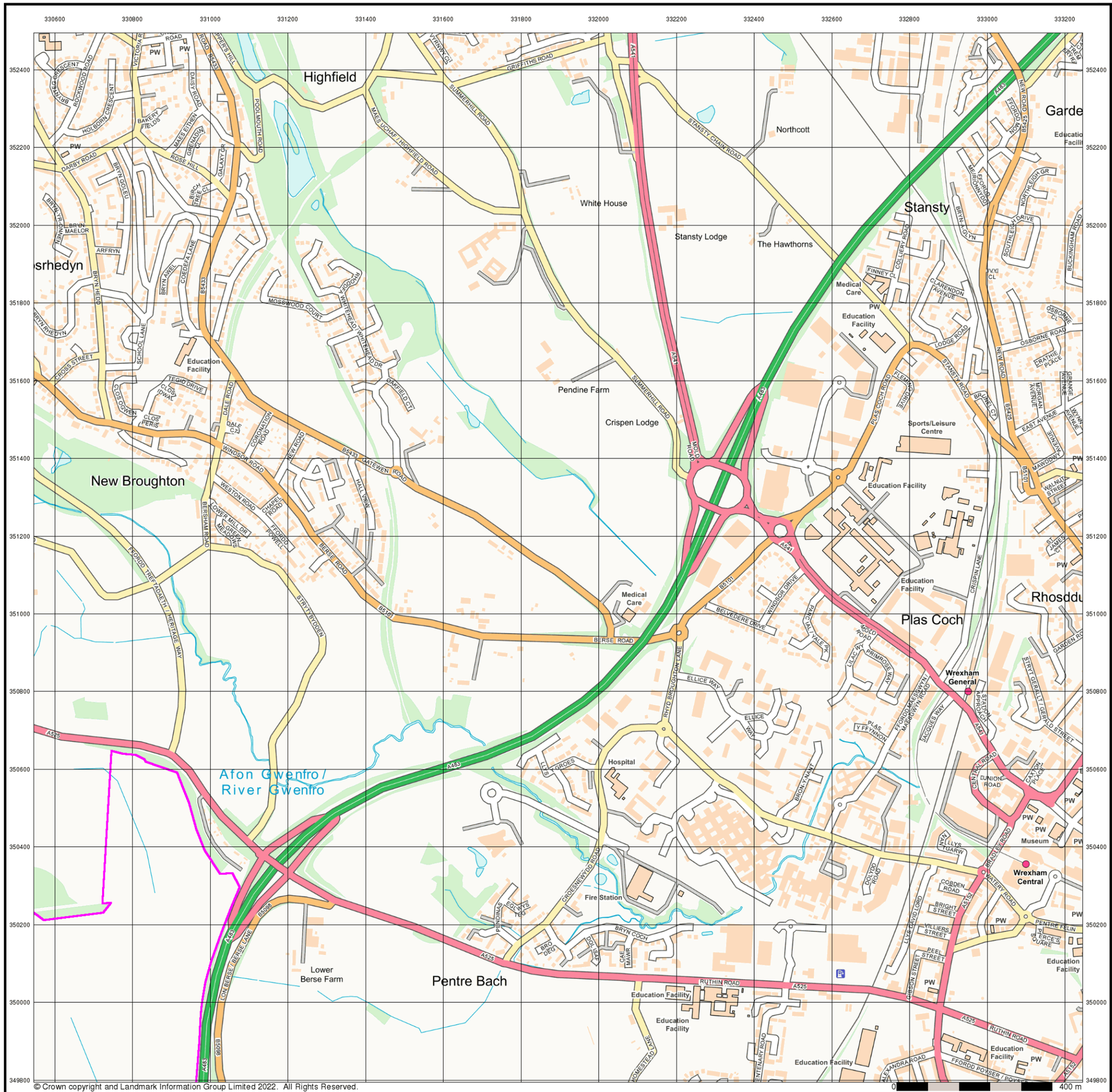

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

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# Street View

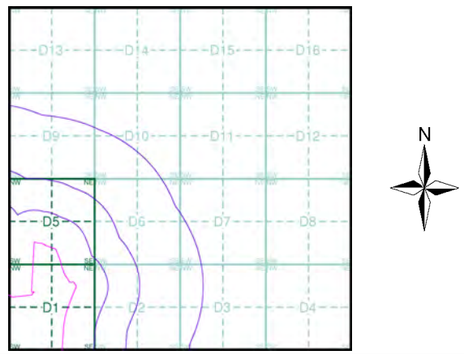
## Published 2022

## 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 D



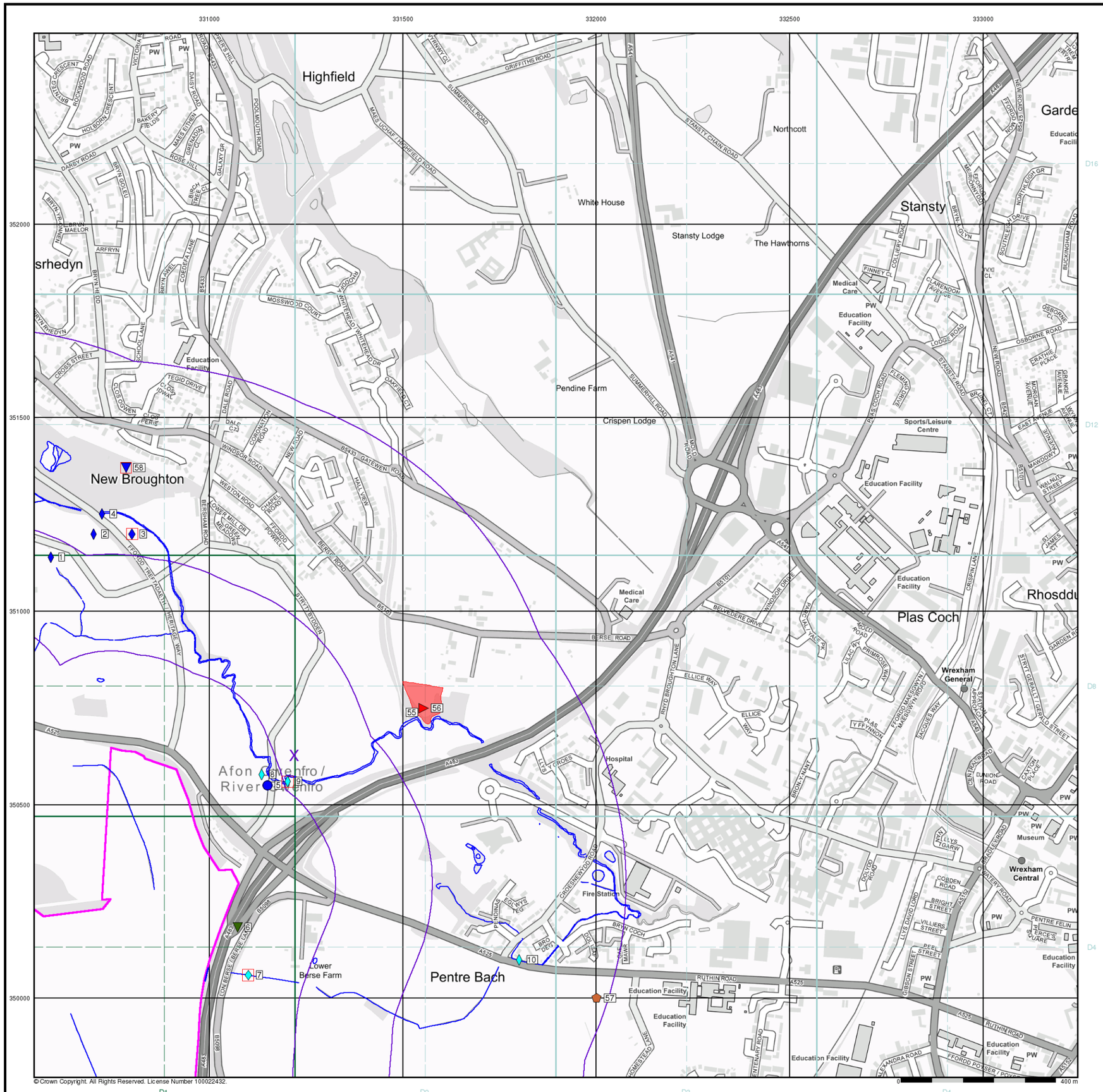

## Order Details

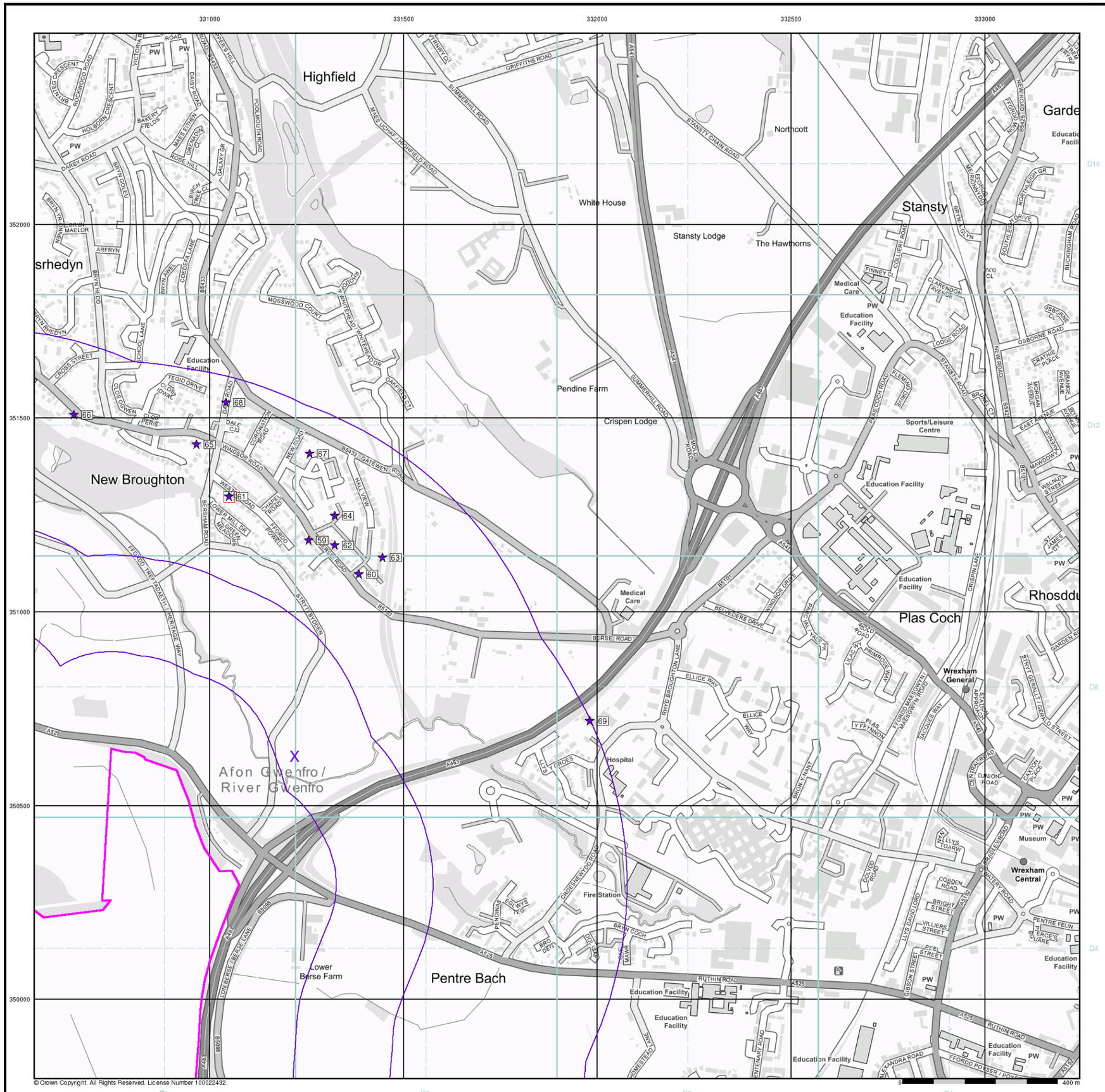
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|---|---|
| Order Number: | 291151542_1_1 |
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331000
331500
332000
332500
333000
352000
351500
351000
350500
350000
D16
D12
D8
D4
D1
D2
D3
D4
Highfield
Northcott
Garde
White House
Stansty
Stansty Lodge
The Hawthorns
srhedyn
Pendine Farm
Crispen Lodge
Medical Care
Education Facility
Sports/Leisure Centre
New Broughton
Plas Coch
Rhosddu
Wrexham General
Afon Clywedog / River Clywedog
Hospital
Fire Station
Museum
Wrexham Central
Lower Berse Farm
Pentre Bach
Education Facility
Medical Care
Education Facility
Education Facility
Education Facility




# Industrial Land Use Map

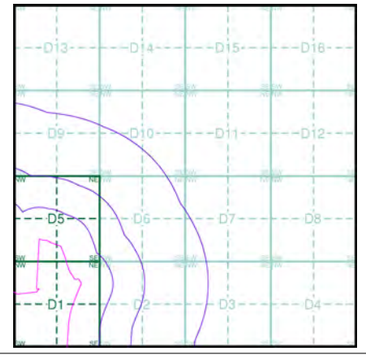
## General

- 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 D



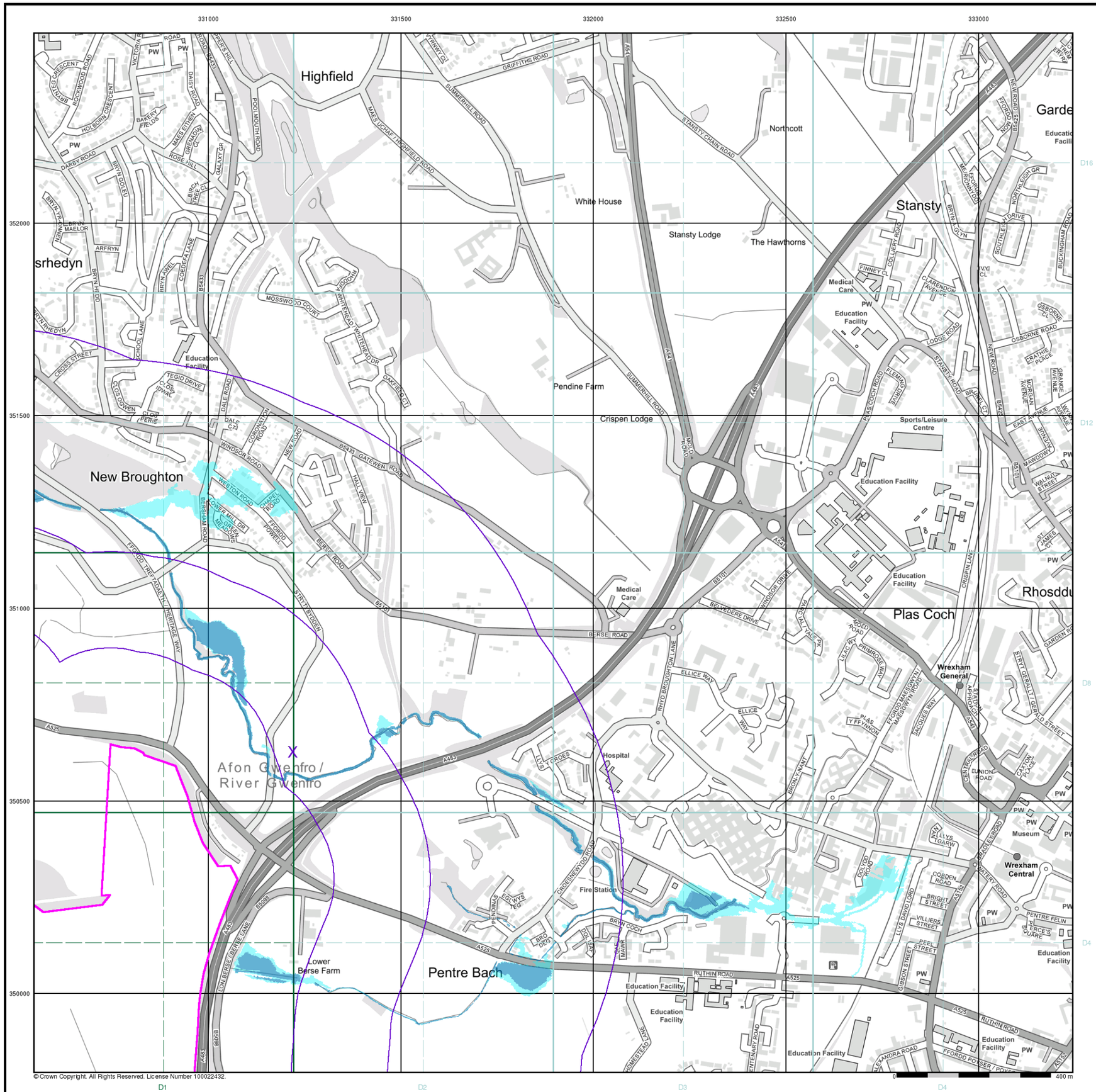

## Order Details

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|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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| Slice: | D |
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## Site Details

Site at 330330, 350090

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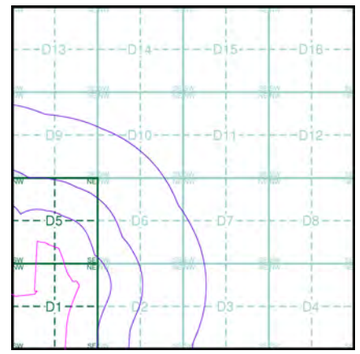

## General

- Specified Site
- Specified Buffer(s)
- X 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 D



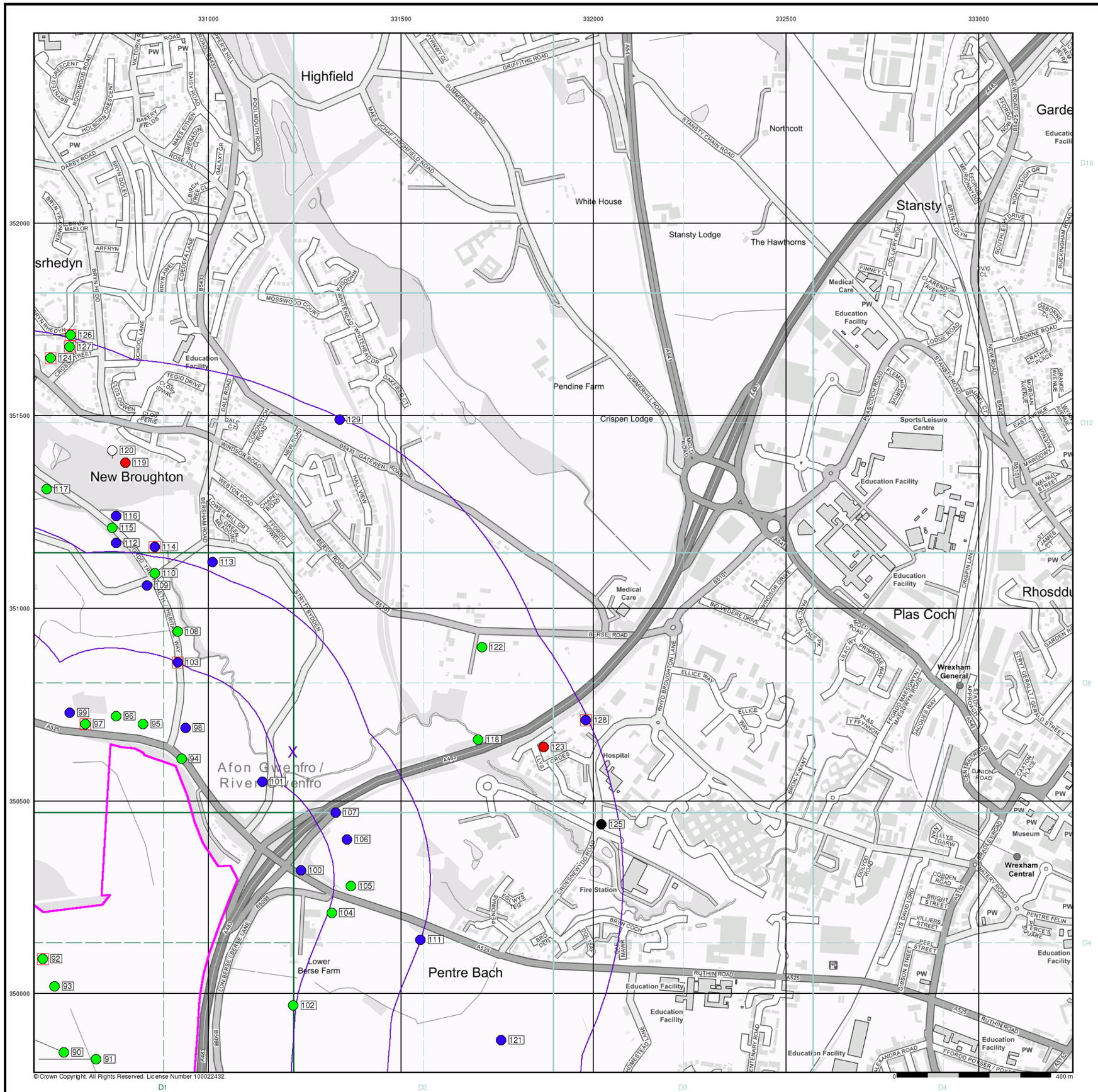

## Order Details

| | |
|---|---|
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| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
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| Search Buffer (m): | 1000 |

## Site Details

Site at 330330, 350090

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## General

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

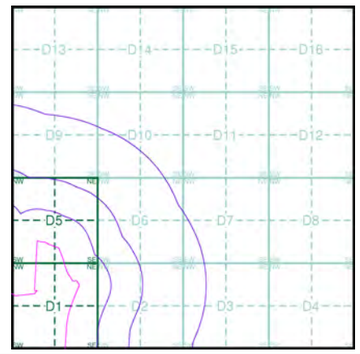
## Agency and Hydrological (Boreholes)

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

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

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

## Borehole Map - Slice D



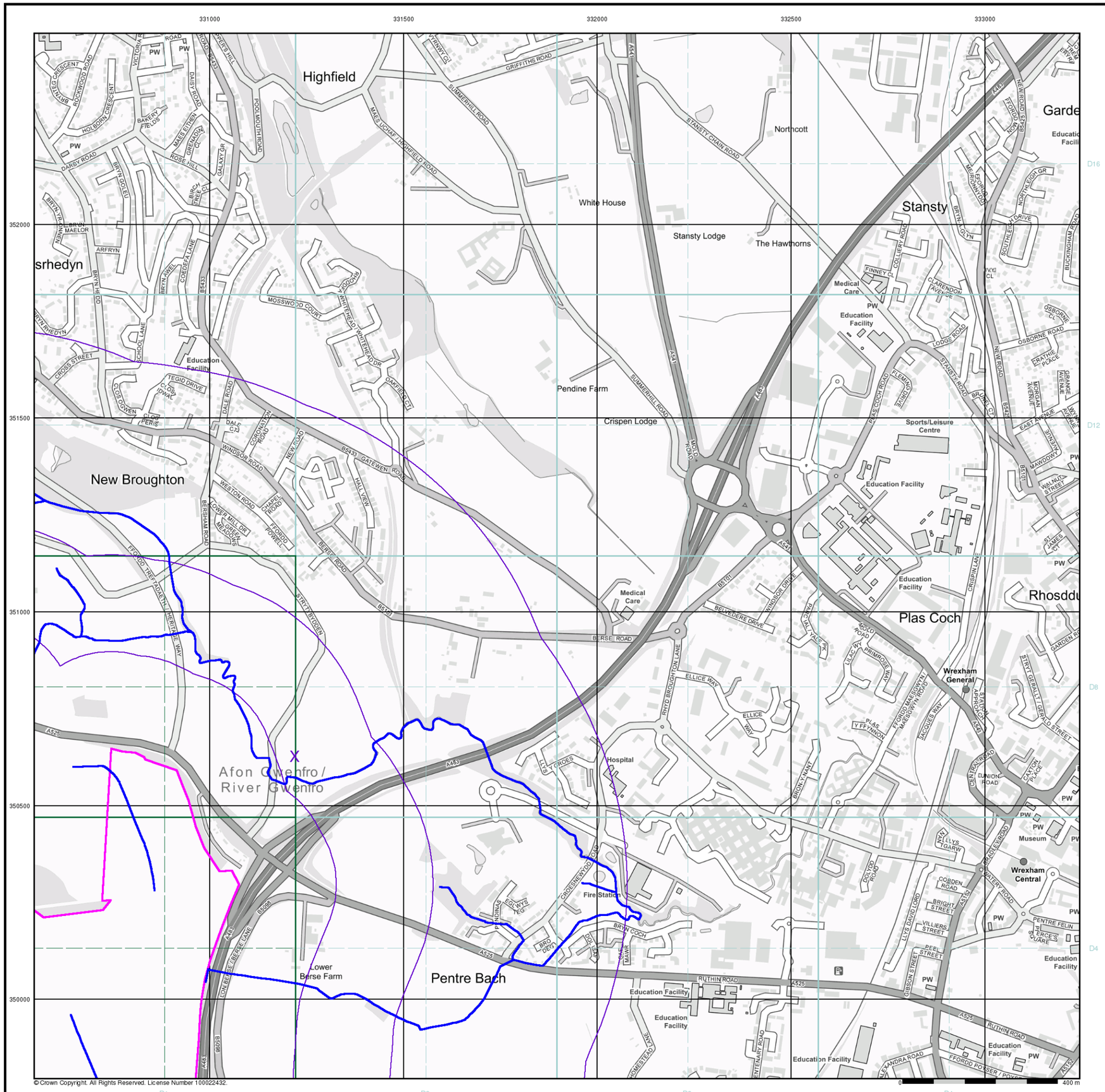

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
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## Site Details

Site at 330330, 350090

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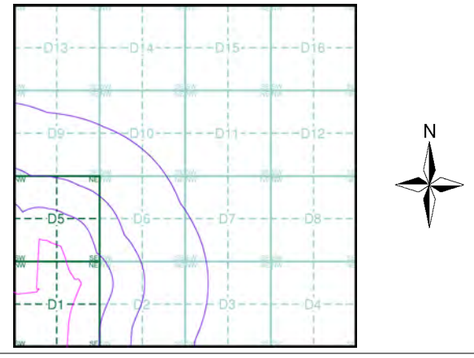

## General

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

## OS Water Network Data

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

## OS Water Network Map - Slice D




## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

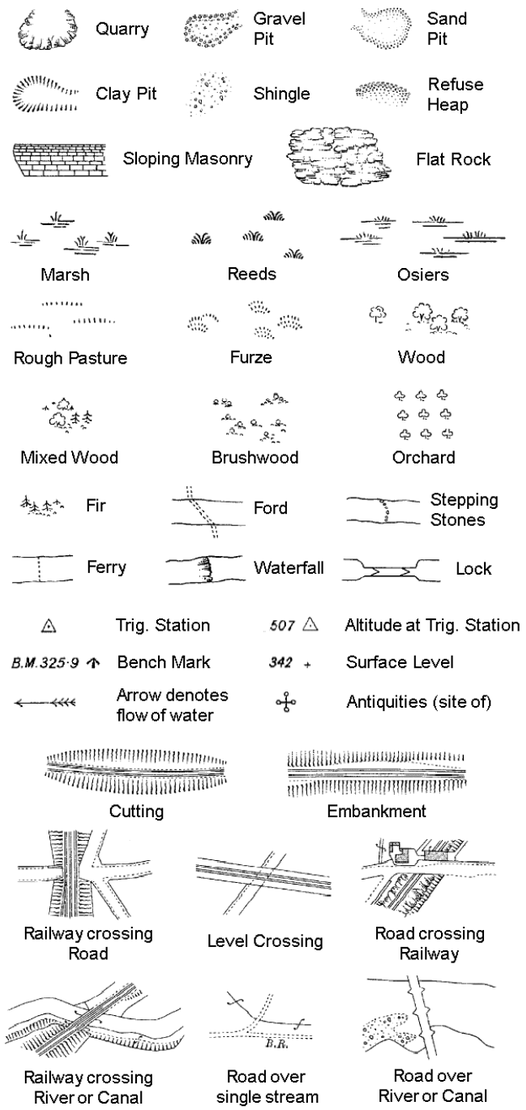
## Site Details

Site at 330330, 350090

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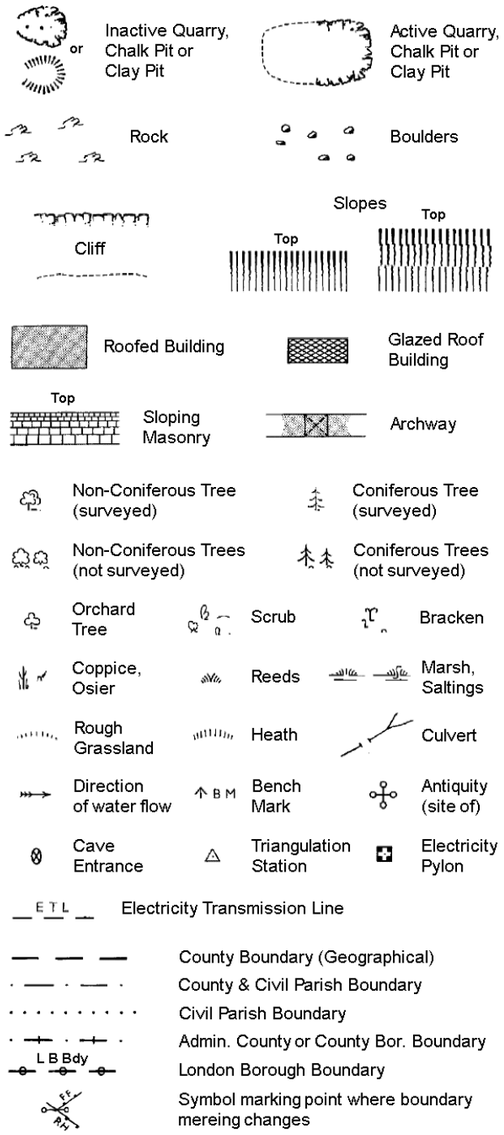
# Historical Mapping Legends

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



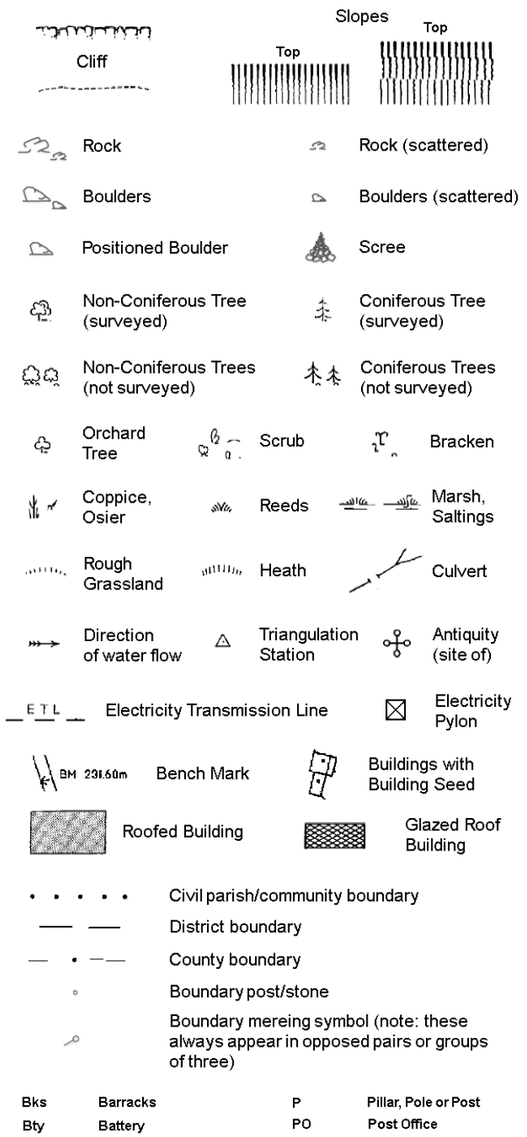

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | St. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| 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




| | | | |
|---|---|---|---|
| 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 |
| El 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



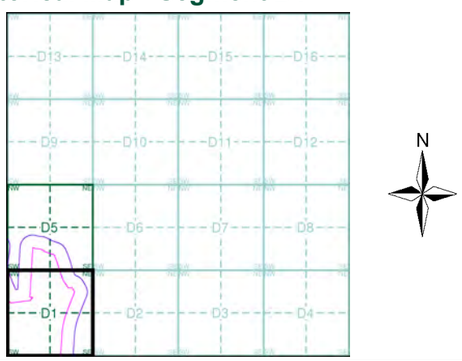

| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El 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 Governer | 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 |

rps

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:2,500 | 1872 | 2 |
| Denbighshire | 1:2,500 | 1899 | 3 |
| Denbighshire | 1:2,500 | 1912 | 4 |
| Ordnance Survey Plan | 1:2,500 | 1962 - 1963 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1976 - 1977 | 6 |
| Additional SIMs | 1:2,500 | 1989 | 7 |
| Large-Scale National Grid Data | 1:2,500 | 1992 | 8 |
| Additional SIMs | 1:2,500 | 1992 | 9 |
| Large-Scale National Grid Data | 1:2,500 | 1993 | 10 |

## Historical Map - Segment D1



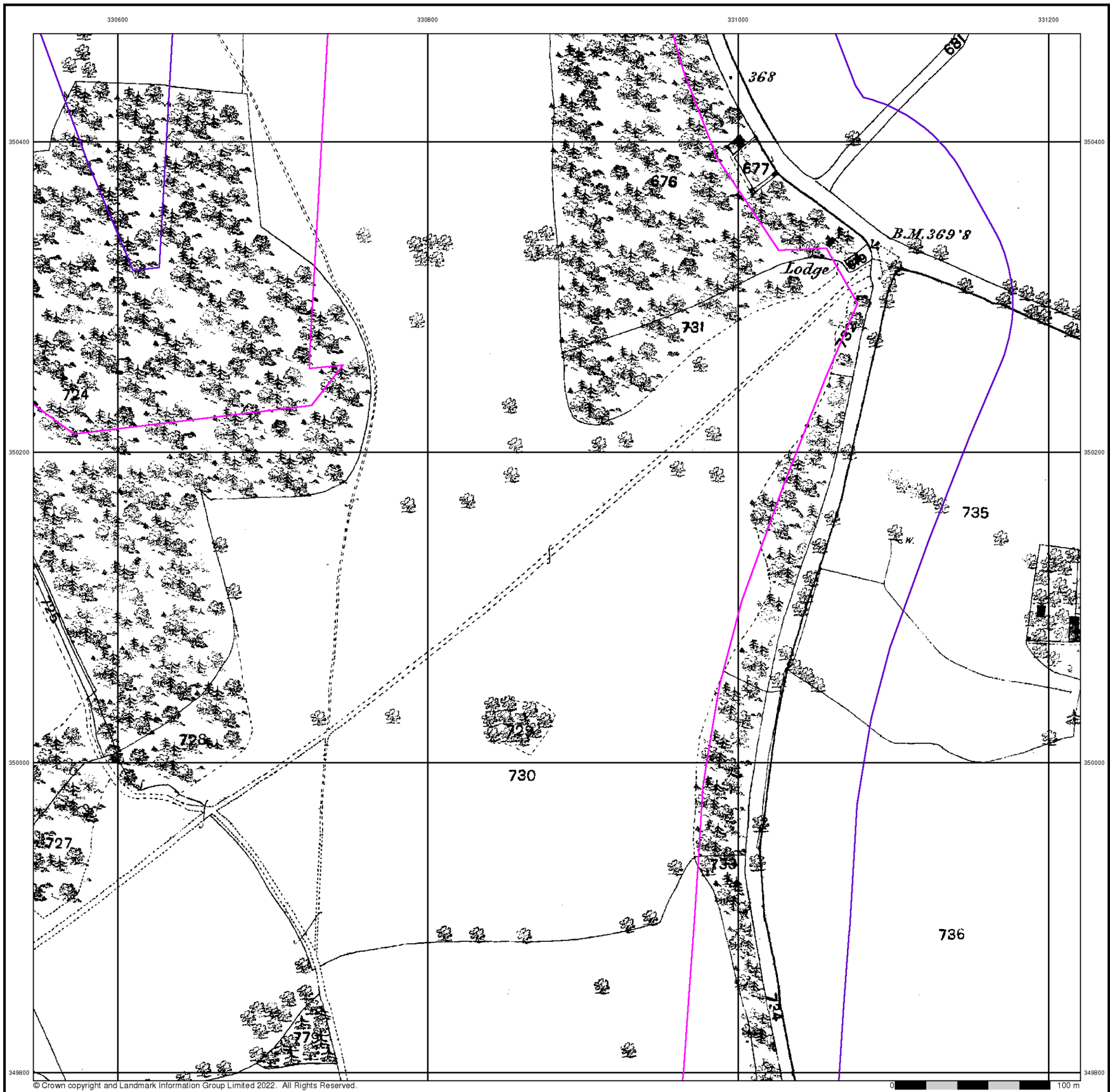

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 331220, 350630
Slice: D
Site Area (Ha): 145.64
Search Buffer (m): 100

## Site Details

Site at 330330, 350090


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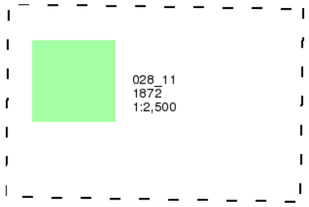
## Denbighshire

## Published 1872

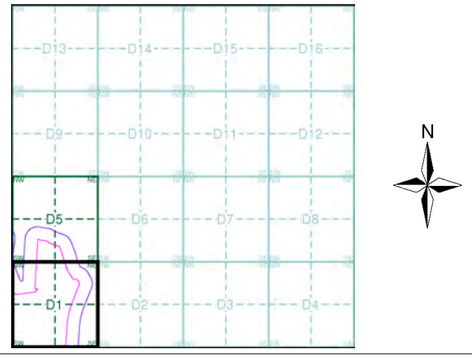
## Source map scale - 1:2,500

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)




## Historical Map - Segment D1



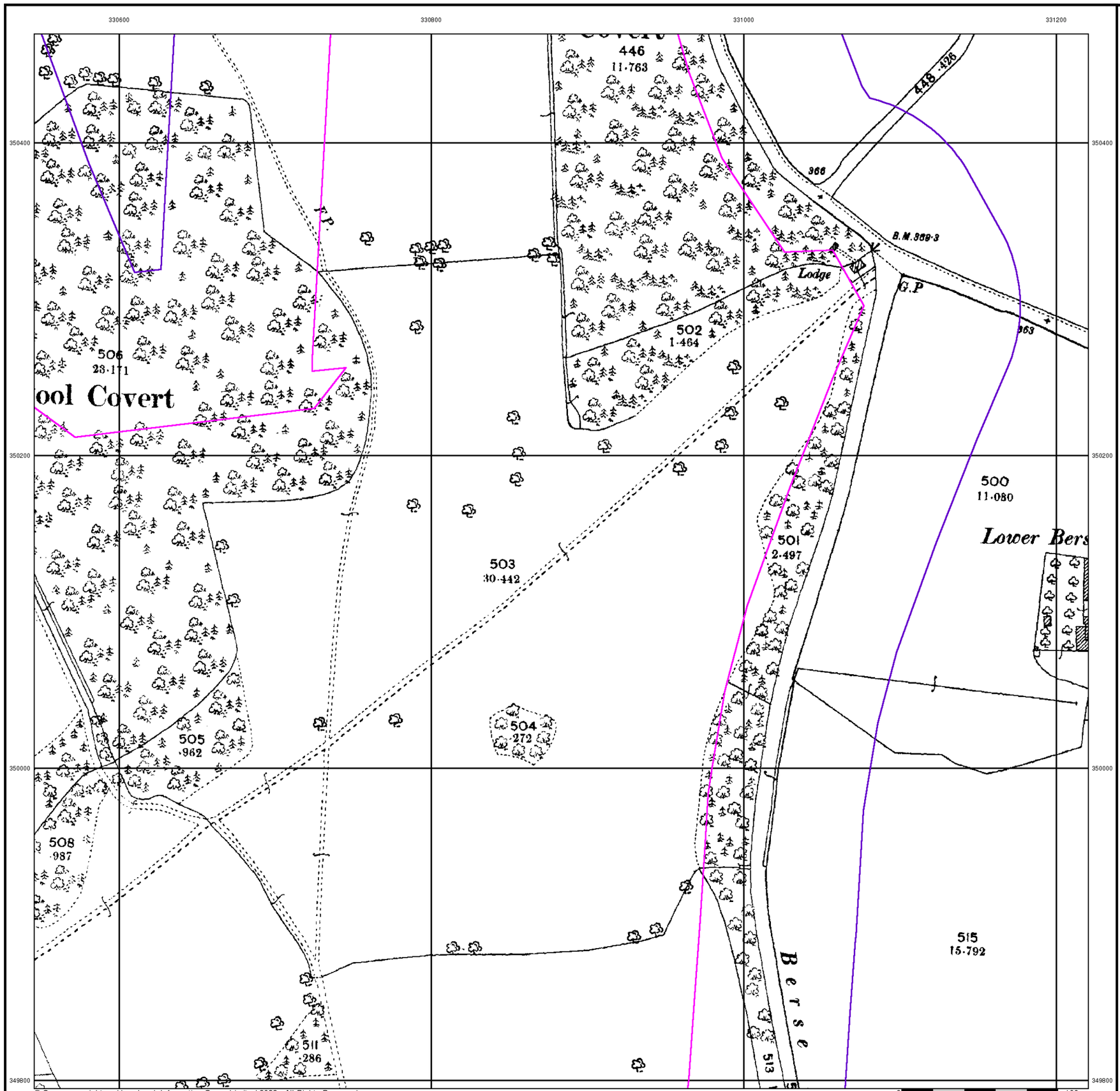

## Order Details

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Site at 330330, 350090

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rps

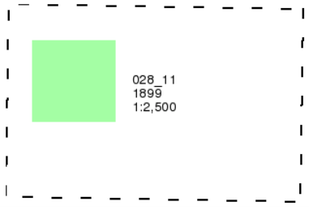
## Denbighshire

## Published 1899

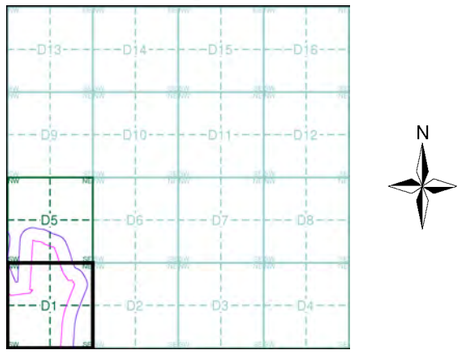
## Source map scale - 1:2,500

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




### Historical Map - Segment D1



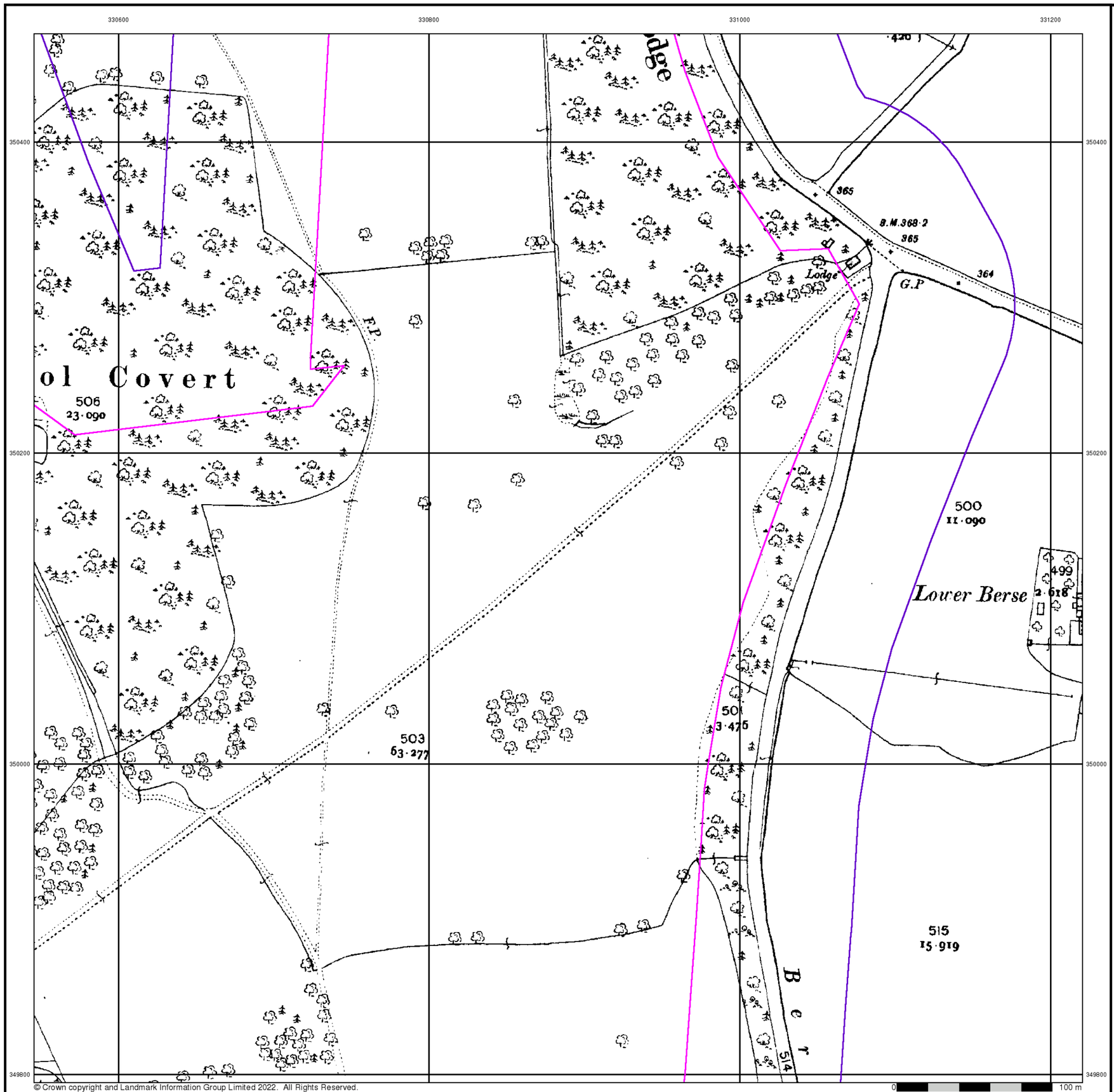

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## Denbighshire

## Published 1912

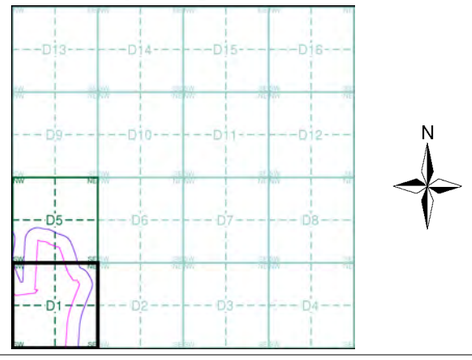
## Source map scale - 1:2,500

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)

028_11
1912
1:2,500

## Historical Map - Segment D1




## Order Details

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|---|---|
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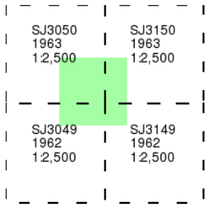
## Ordnance Survey Plan

## Published 1962 - 1963

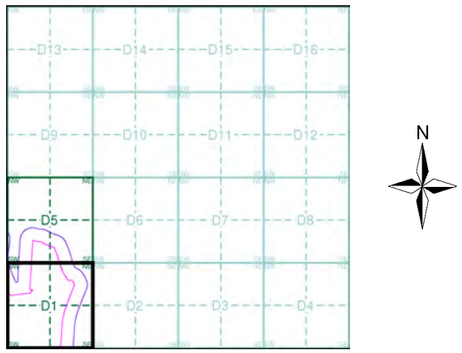
## Source map scale - 1:2,500

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 D1



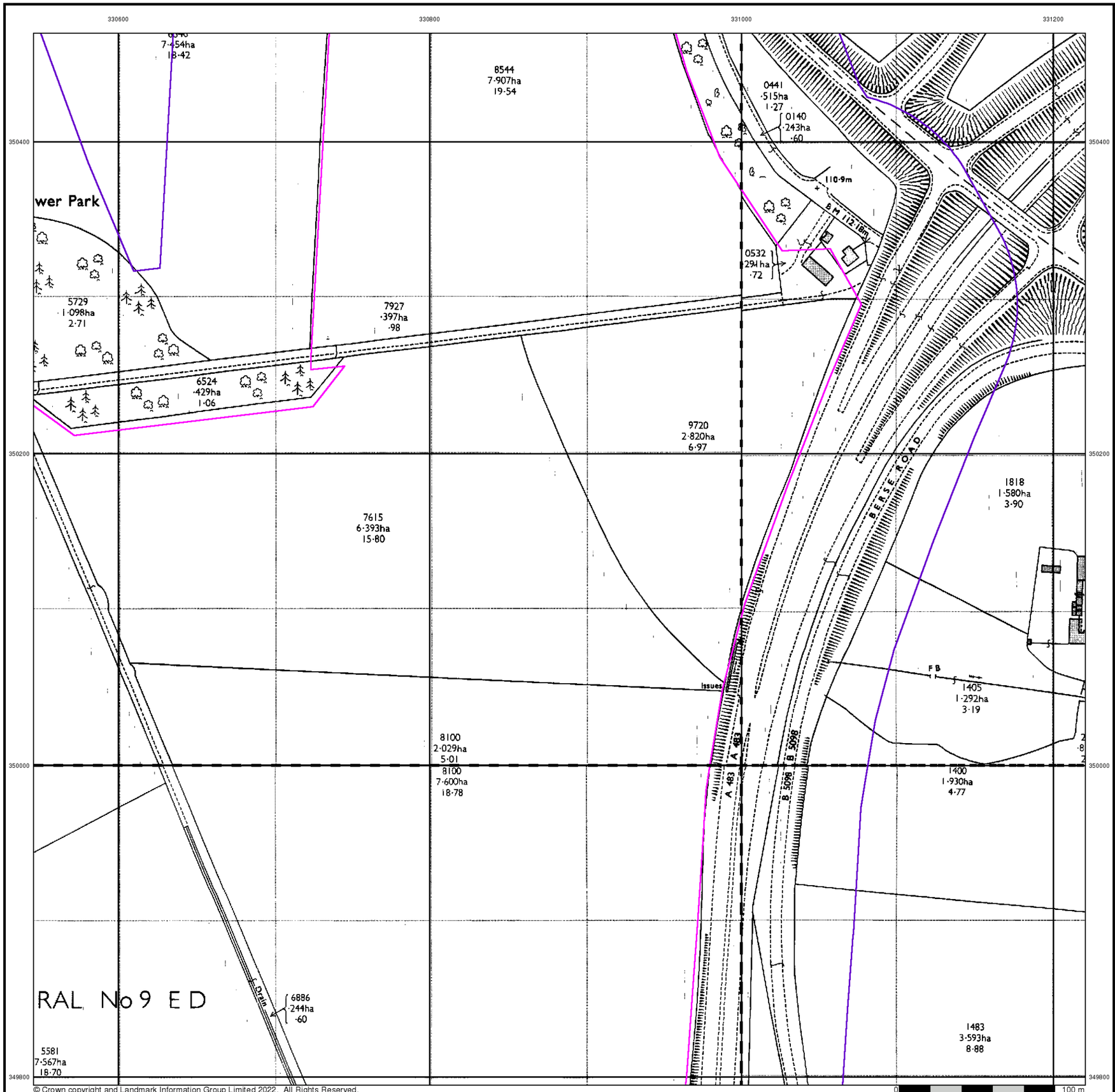

## Order Details

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| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

Site at 330330, 350090

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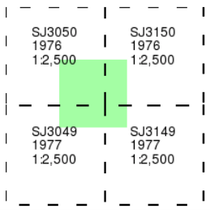
# Ordnance Survey Plan

## Published 1976 - 1977

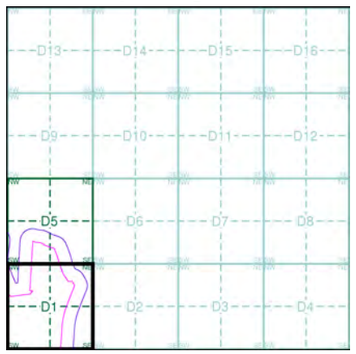
## Source map scale - 1:2,500

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 D1



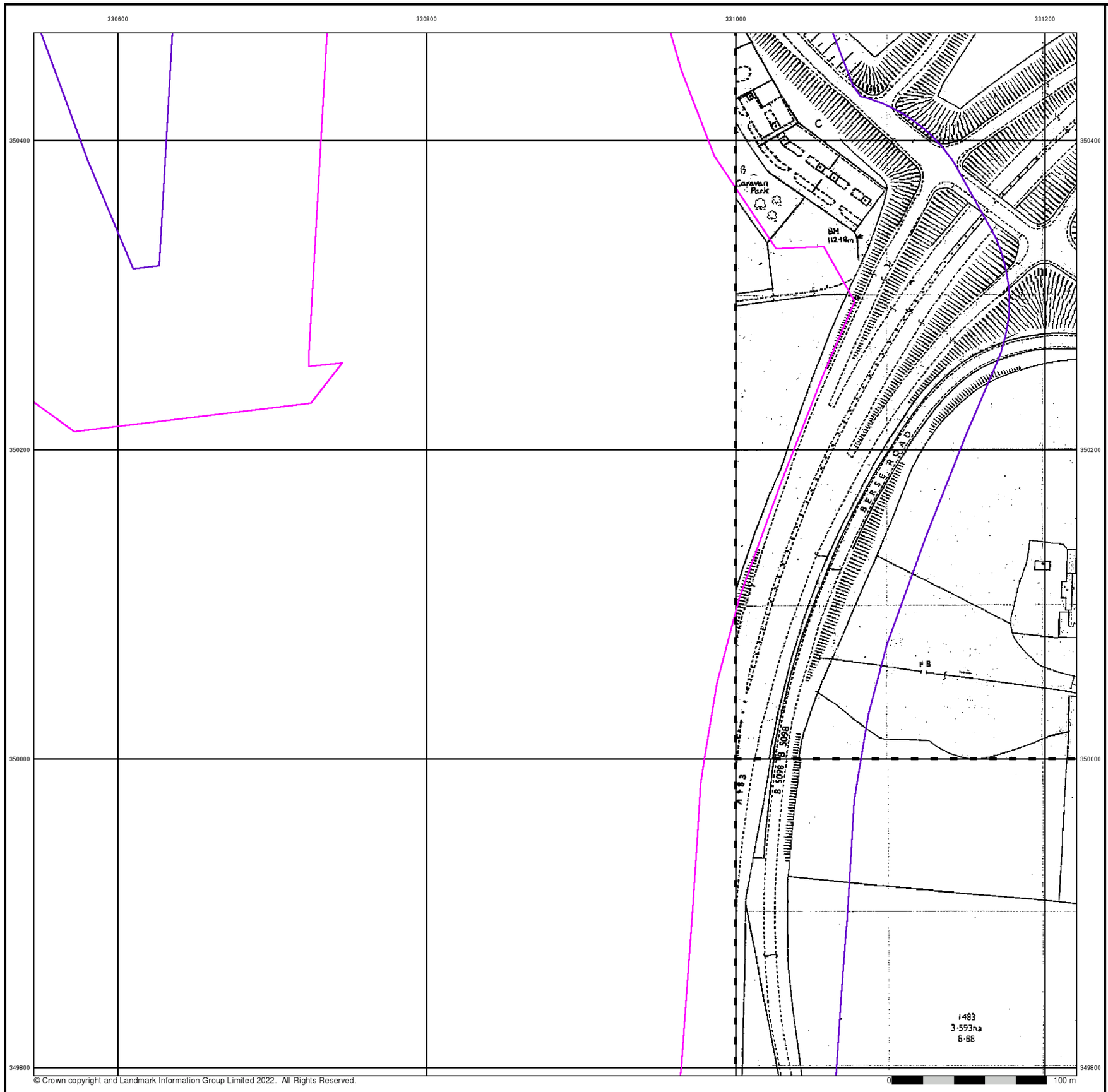

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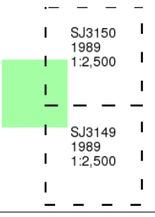
## Additional SIMs

**Published 1989**

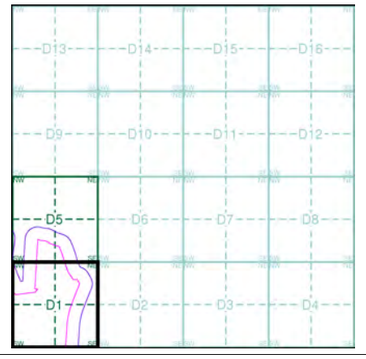
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment D1



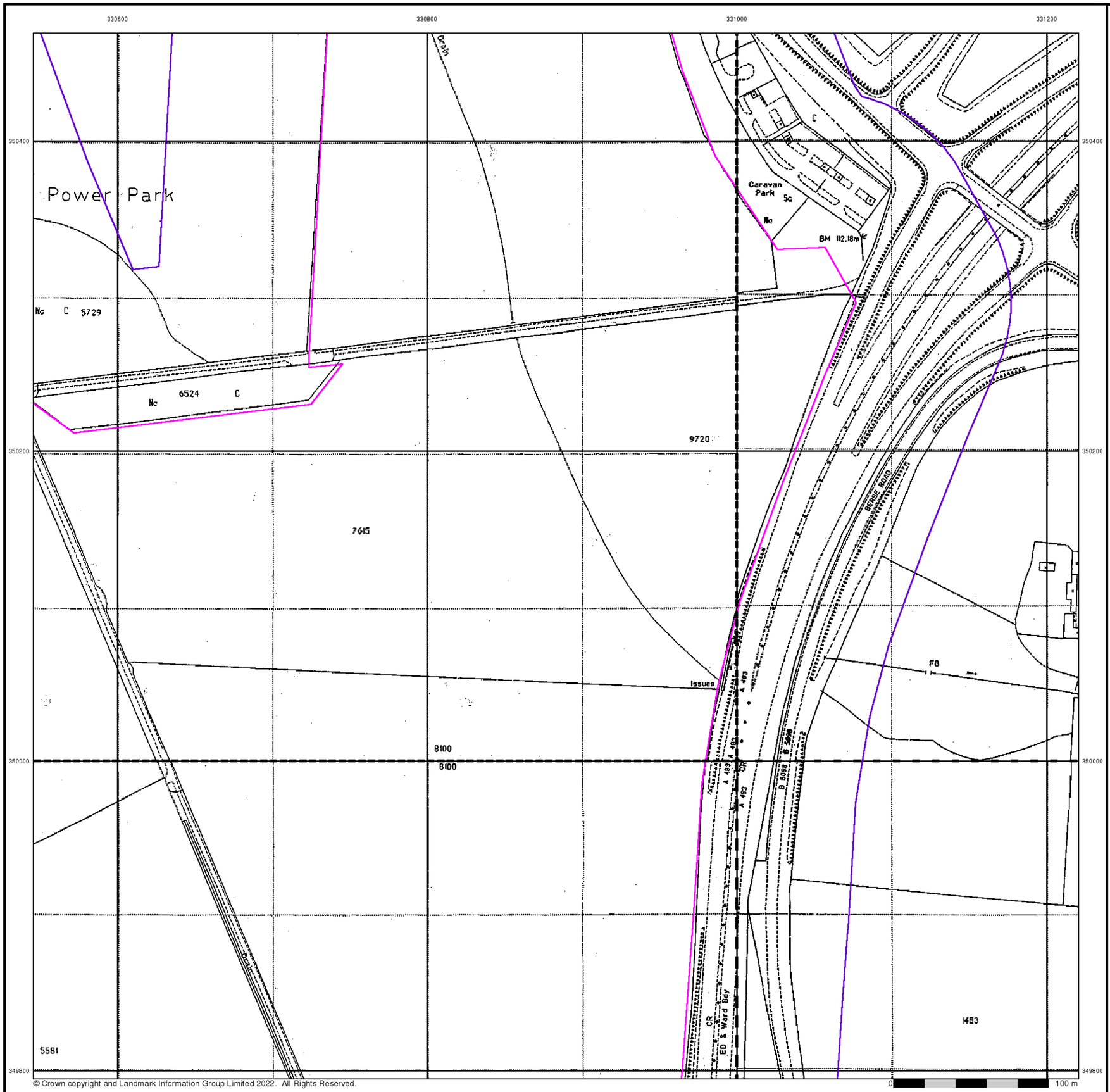

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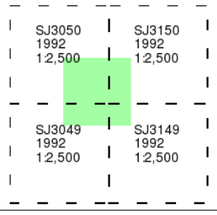
## Large-Scale National Grid Data

**Published 1992**

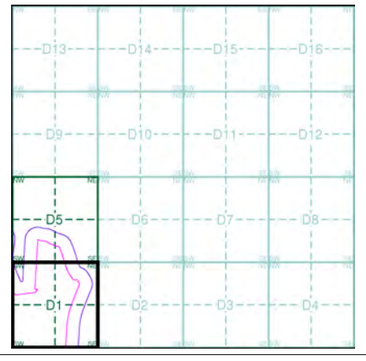
**Source map scale - 1:2,500**

'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 D1



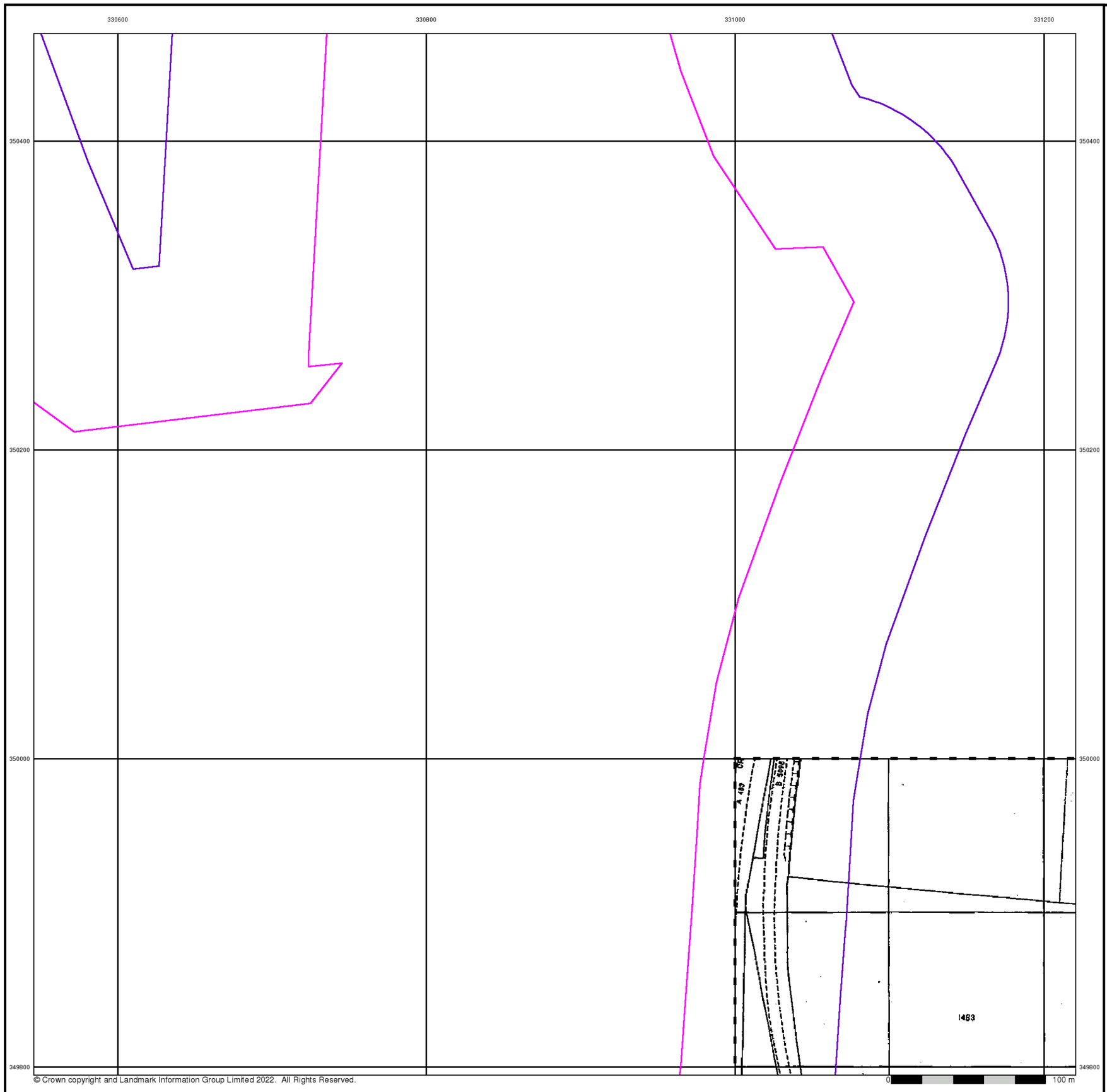

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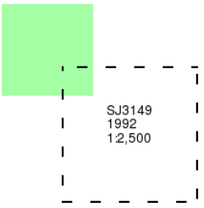
## Additional SIMs

## Published 1992

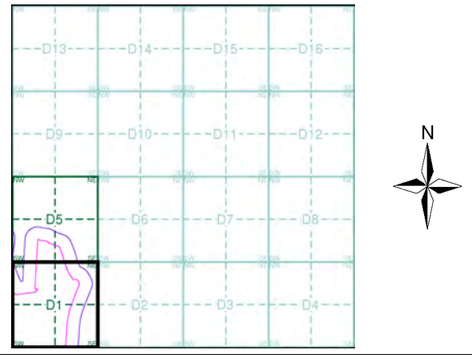
## Source map scale - 1:2,500

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

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




## Historical Map - Segment D1



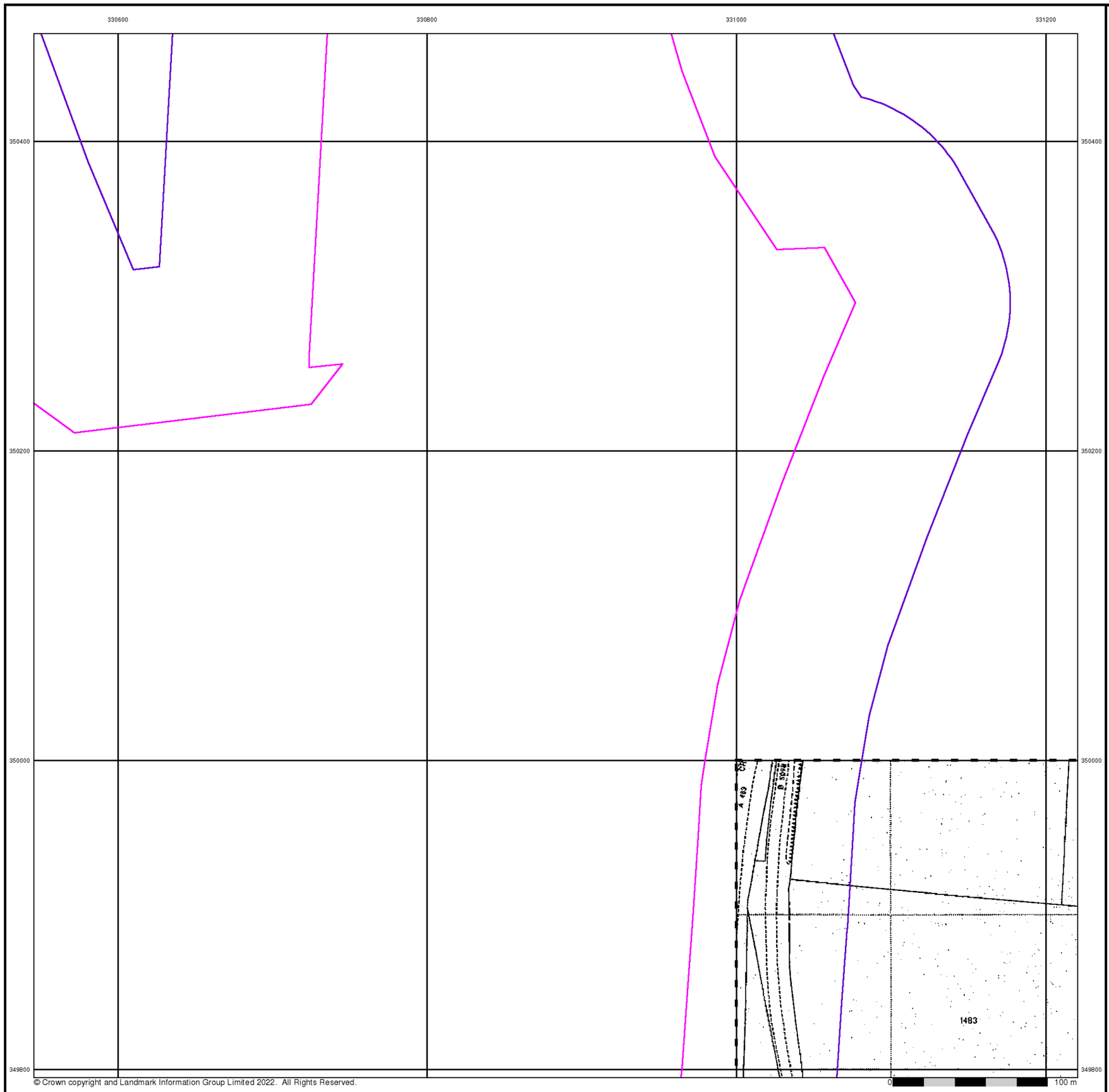

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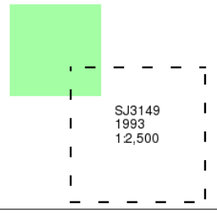
## Large-Scale National Grid Data

**Published 1993**

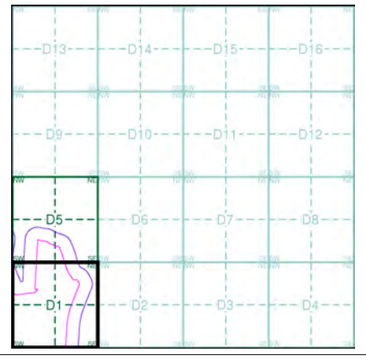
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment D1




## Order Details

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| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
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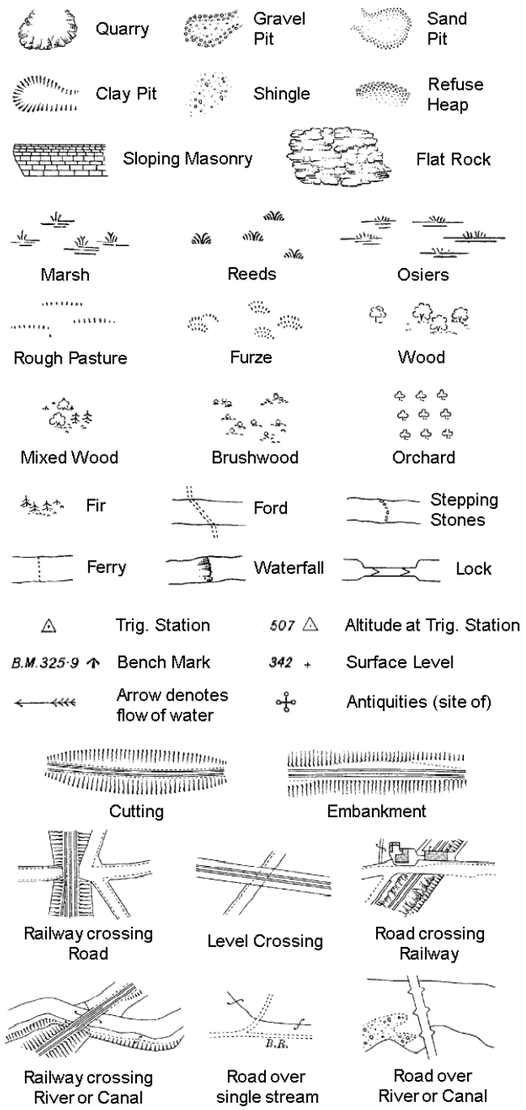
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# Historical Mapping Legends

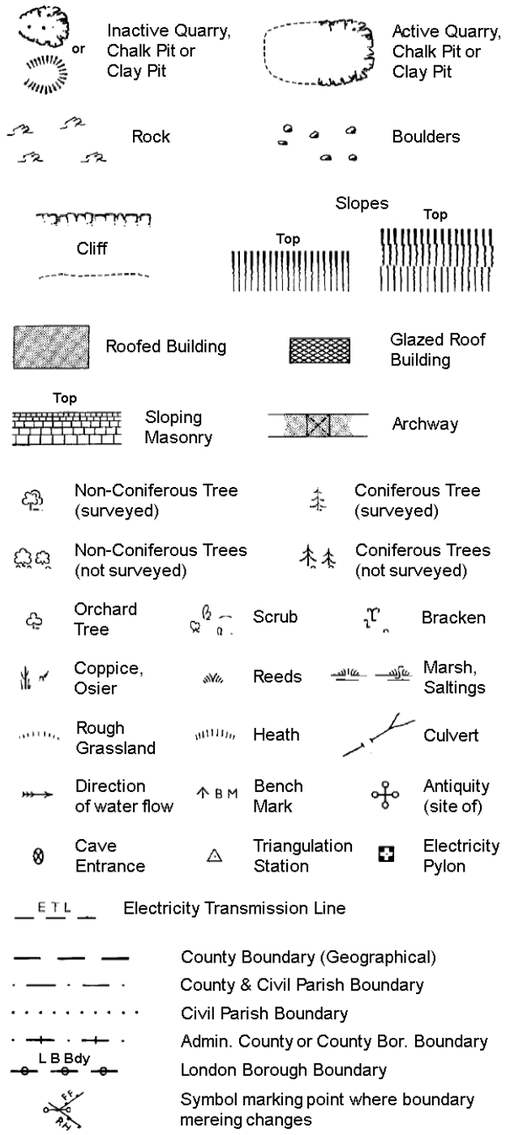
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500




County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

| | | | |
|---|---|---|---|
| B.P B.S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | Sl. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

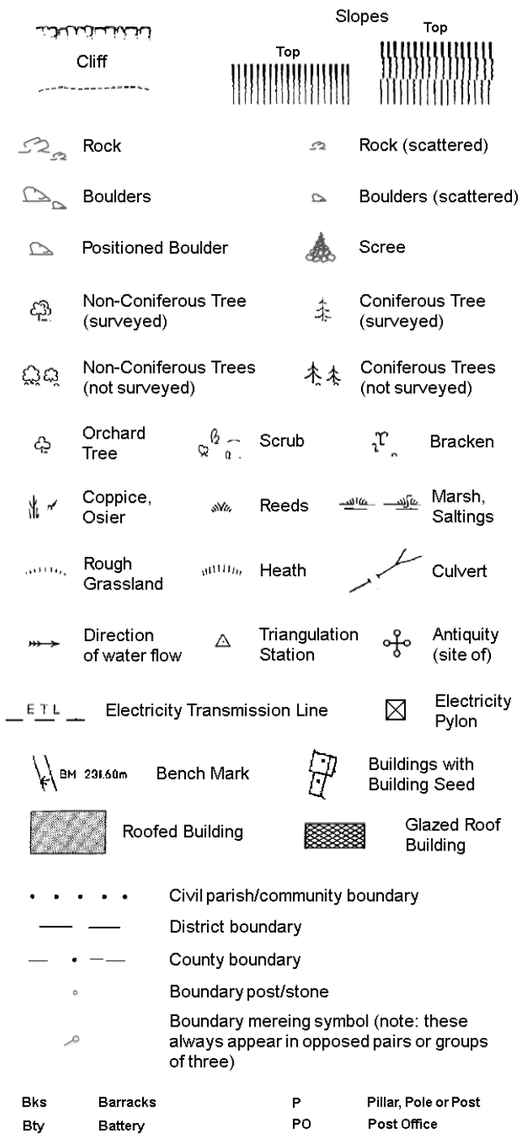
## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250




County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy 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 |
| El 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



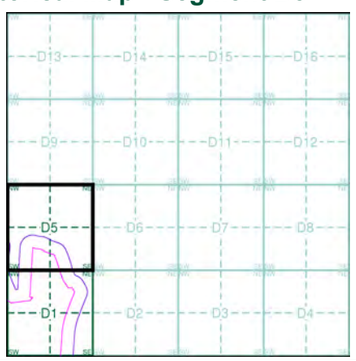

Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

| | | | |
|---|---|---|---|
| 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 |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El 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 Governer | 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 |

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Denbighshire | 1:2,500 | 1872 - 1874 | 2 |
| Denbighshire | 1:2,500 | 1899 | 3 |
| Denbighshire | 1:2,500 | 1912 | 4 |
| Denbighshire | 1:2,500 | 1939 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1963 | 6 |
| Ordnance Survey Plan | 1:2,500 | 1974 - 1976 | 7 |
| Additional SIMs | 1:2,500 | 1983 - 1989 | 8 |
| Additional SIMs | 1:2,500 | 1989 | 9 |
| Large-Scale National Grid Data | 1:2,500 | 1992 - 1993 | 10 |
| Large-Scale National Grid Data | 1:2,500 | 1994 | 11 |

## Historical Map - Segment D5



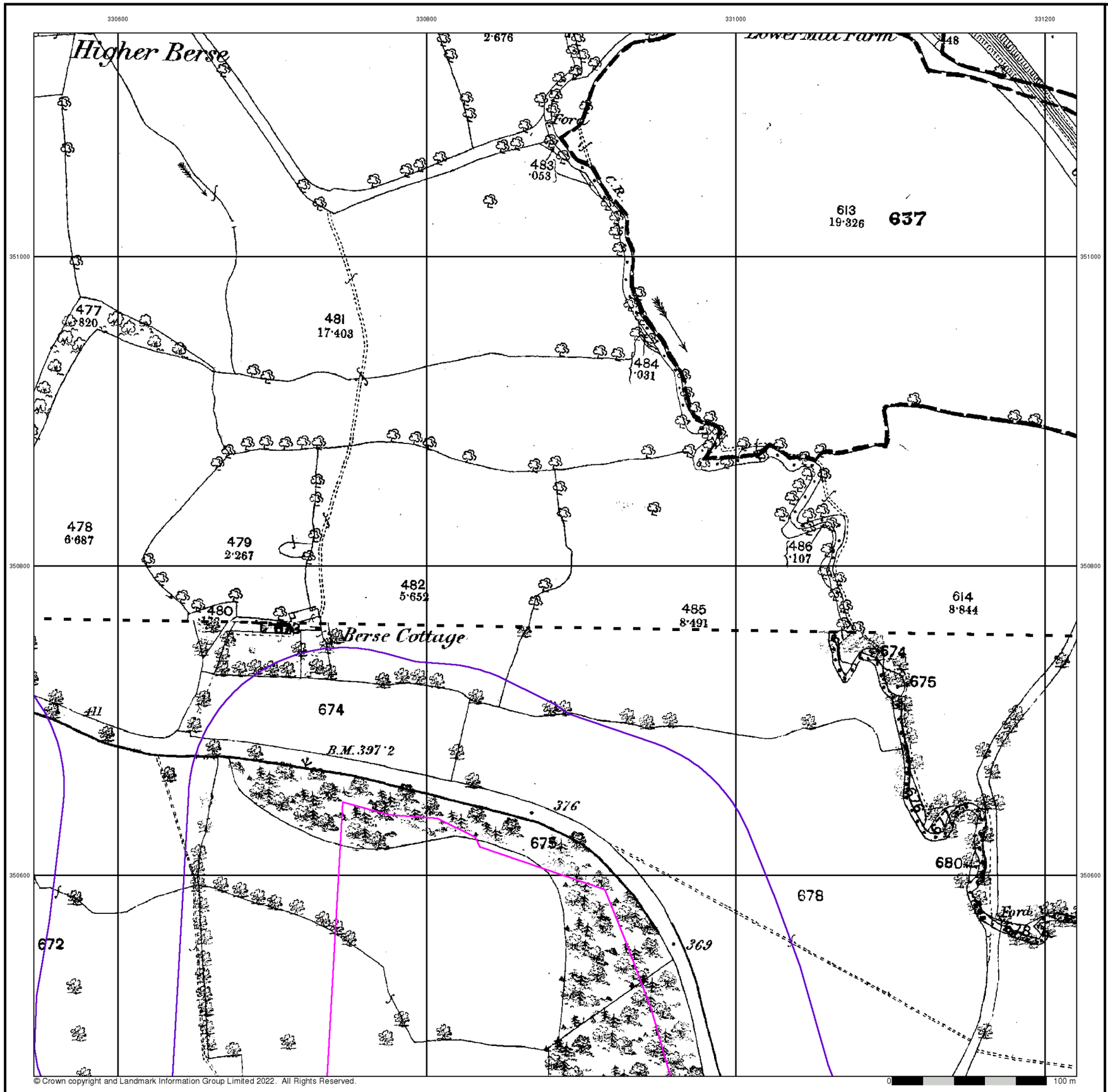

## Order Details

Order Number: 291151542_1_1
Customer Ref: JER8537
National Grid Reference: 331220, 350630
Slice: D
Site Area (Ha): 145.64
Search Buffer (m): 100

## Site Details

Site at 330330, 350090


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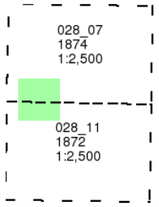
## Denbighshire

## Published 1872 - 1874

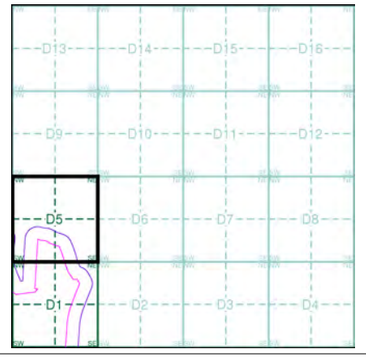
## Source map scale - 1:2,500

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




## Historical Map - Segment D5



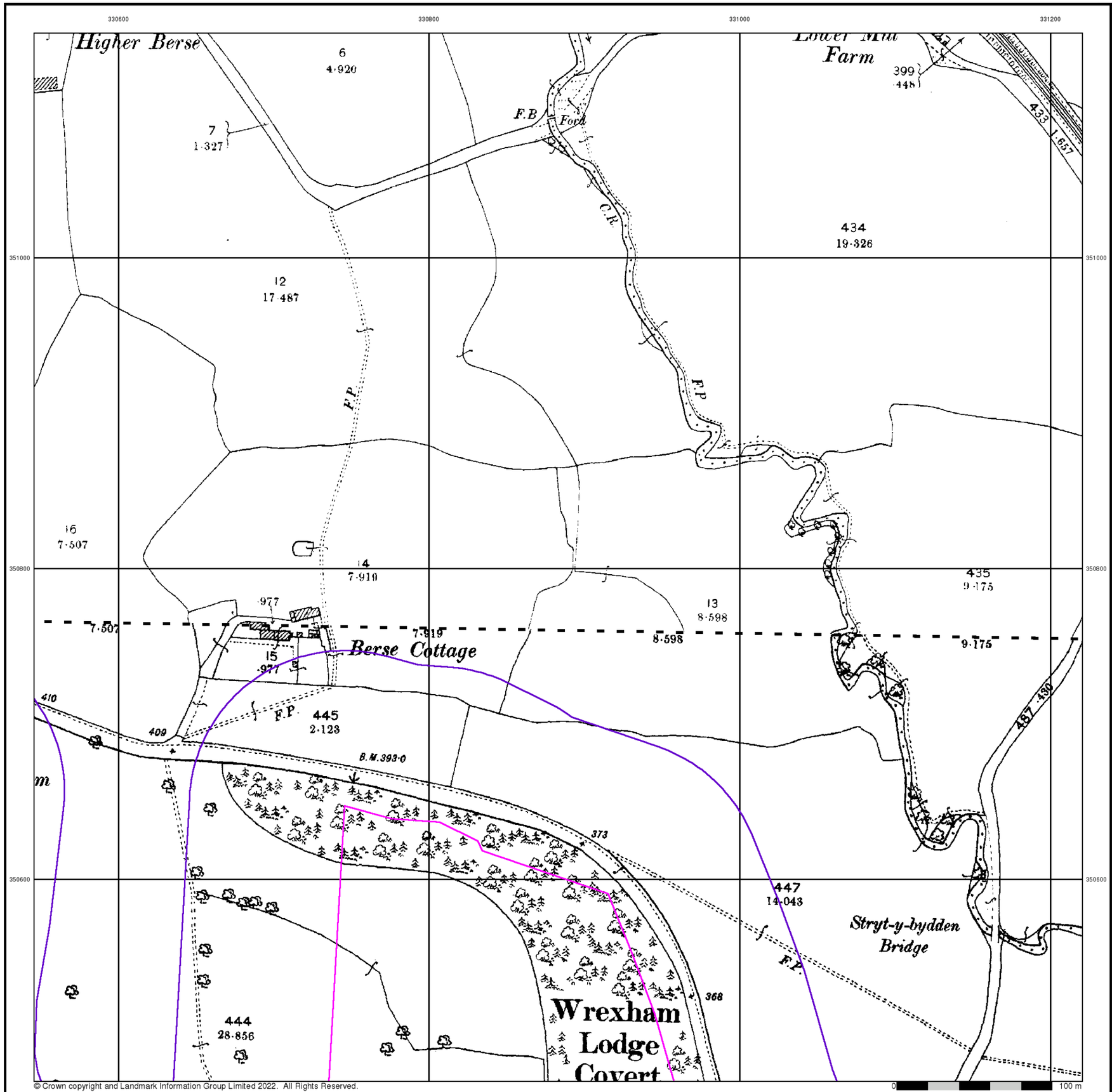

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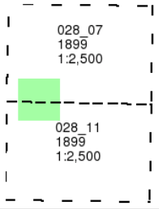
## Denbighshire

## Published 1899

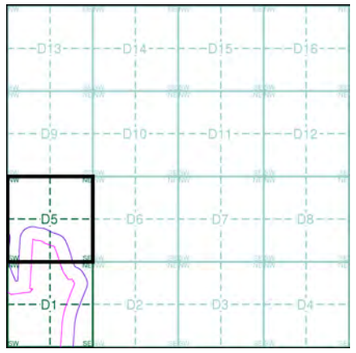
## Source map scale - 1:2,500

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




## Historical Map - Segment D5



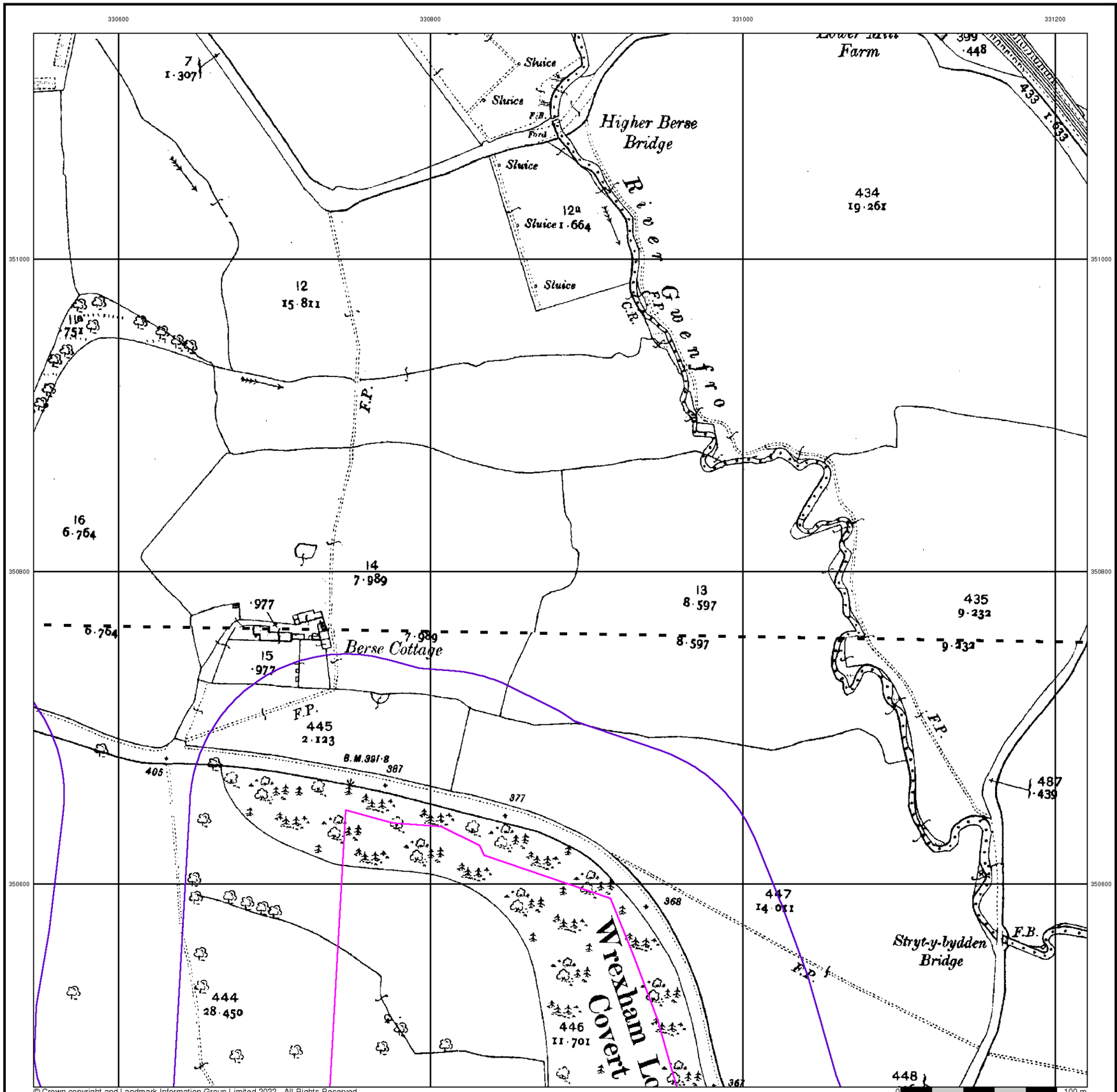

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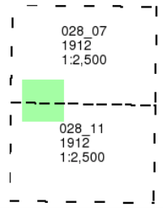
## Denbighshire

## Published 1912

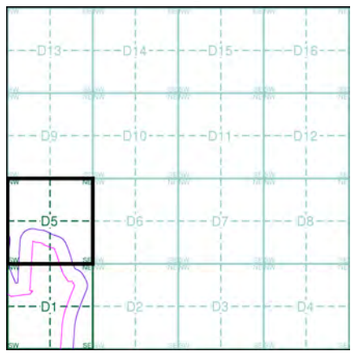
## Source map scale - 1:2,500

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




## Historical Map - Segment D5



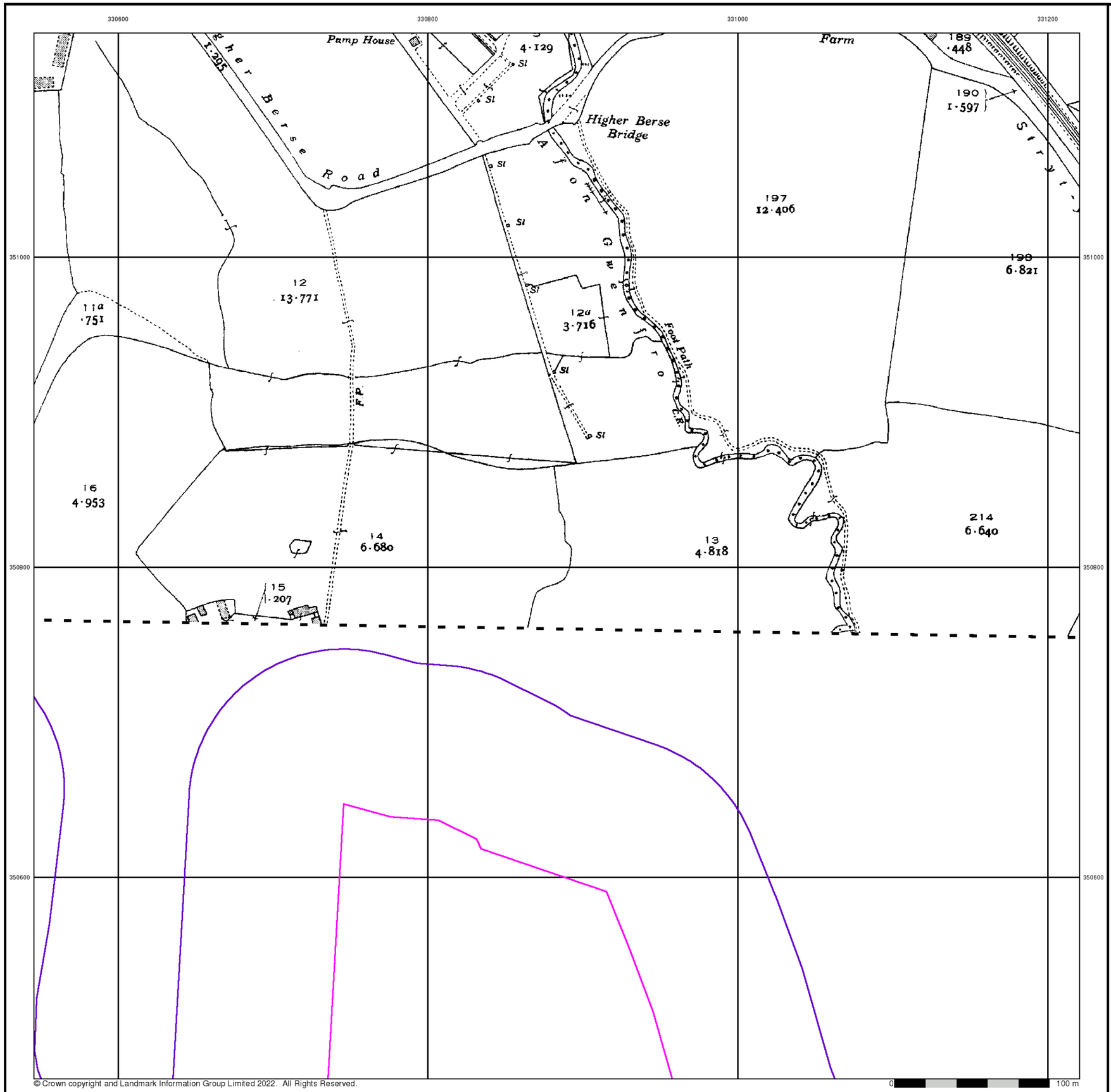

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| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

Site at 330330, 350090

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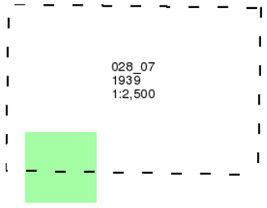

# Denbighshire

## Published 1939

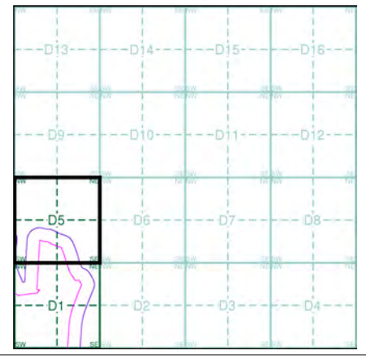
## Source map scale - 1:2,500

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 D5



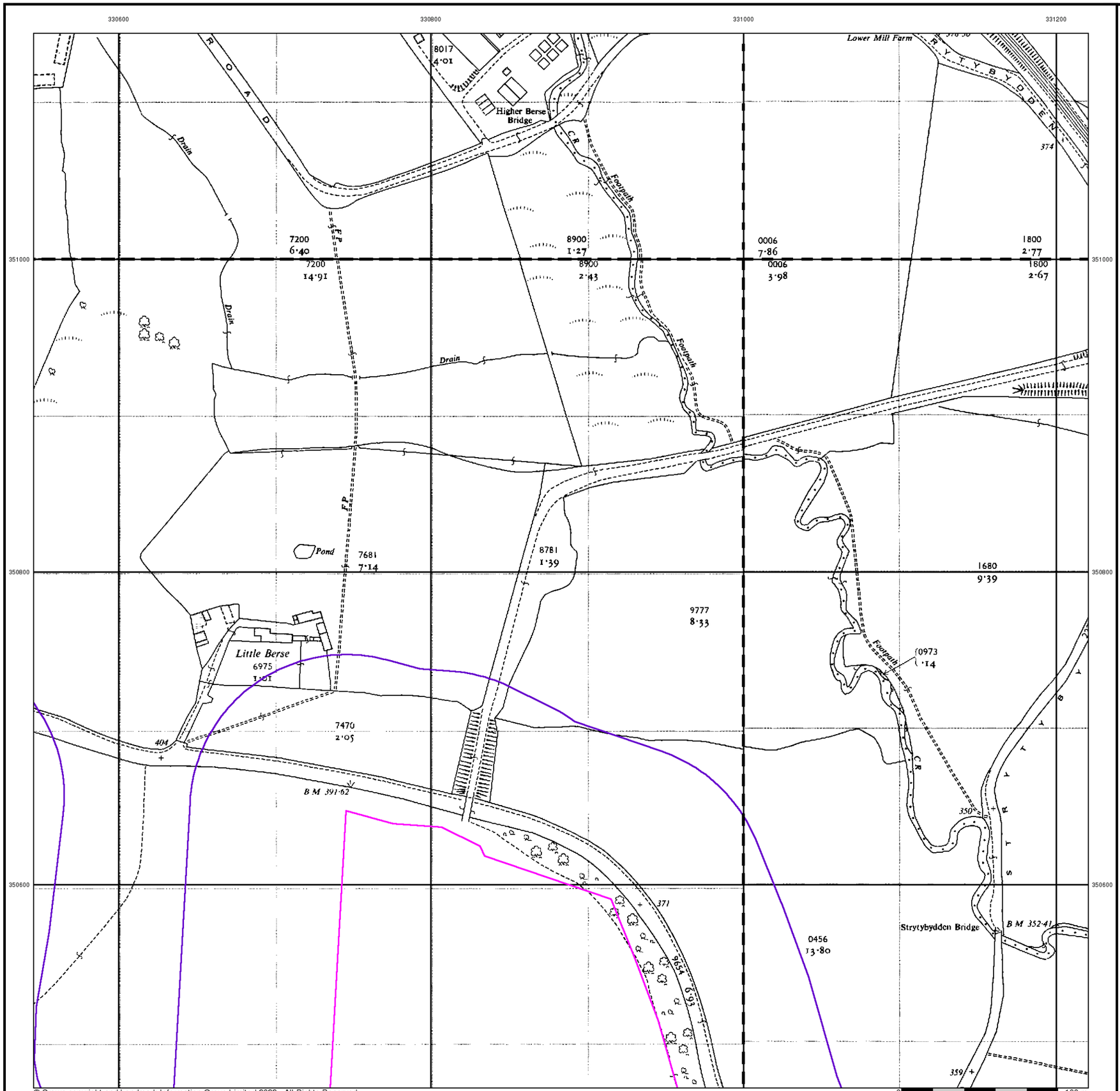

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

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0 100 m

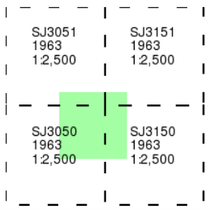
## Ordnance Survey Plan

## Published 1963

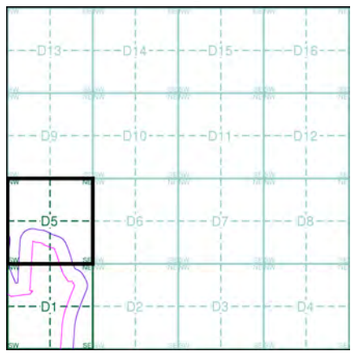
## Source map scale - 1:2,500

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 D5



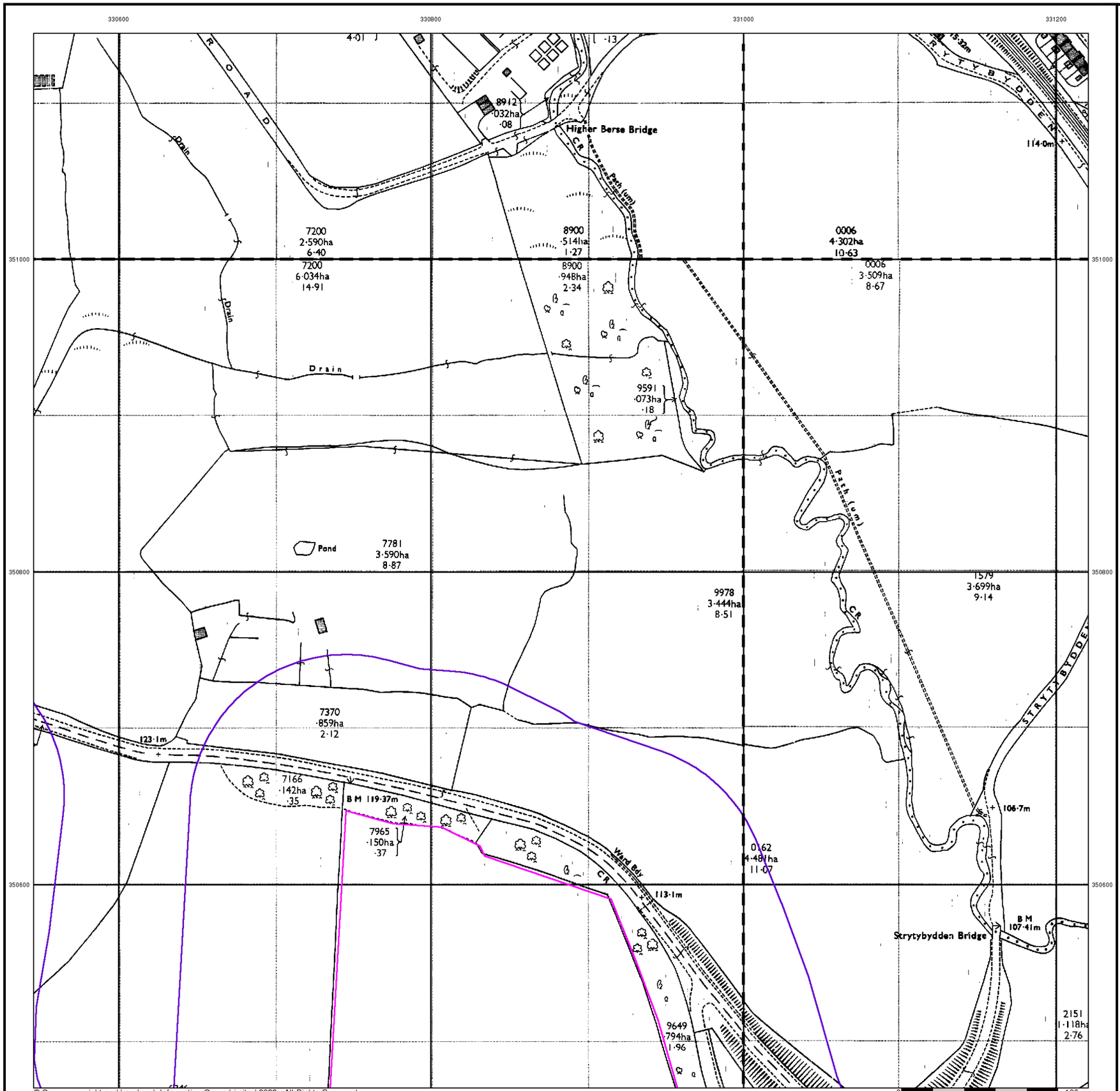

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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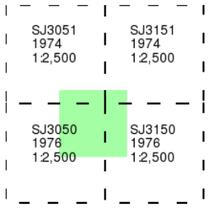
## Ordnance Survey Plan

**Published 1974 - 1976**

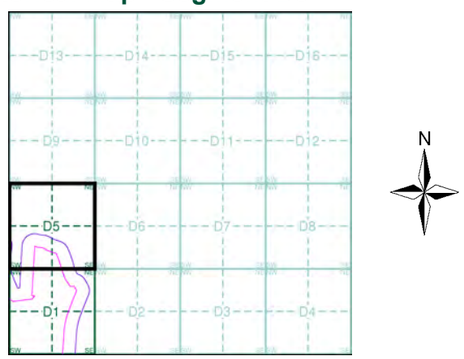
**Source map scale - 1:2,500**

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 D5



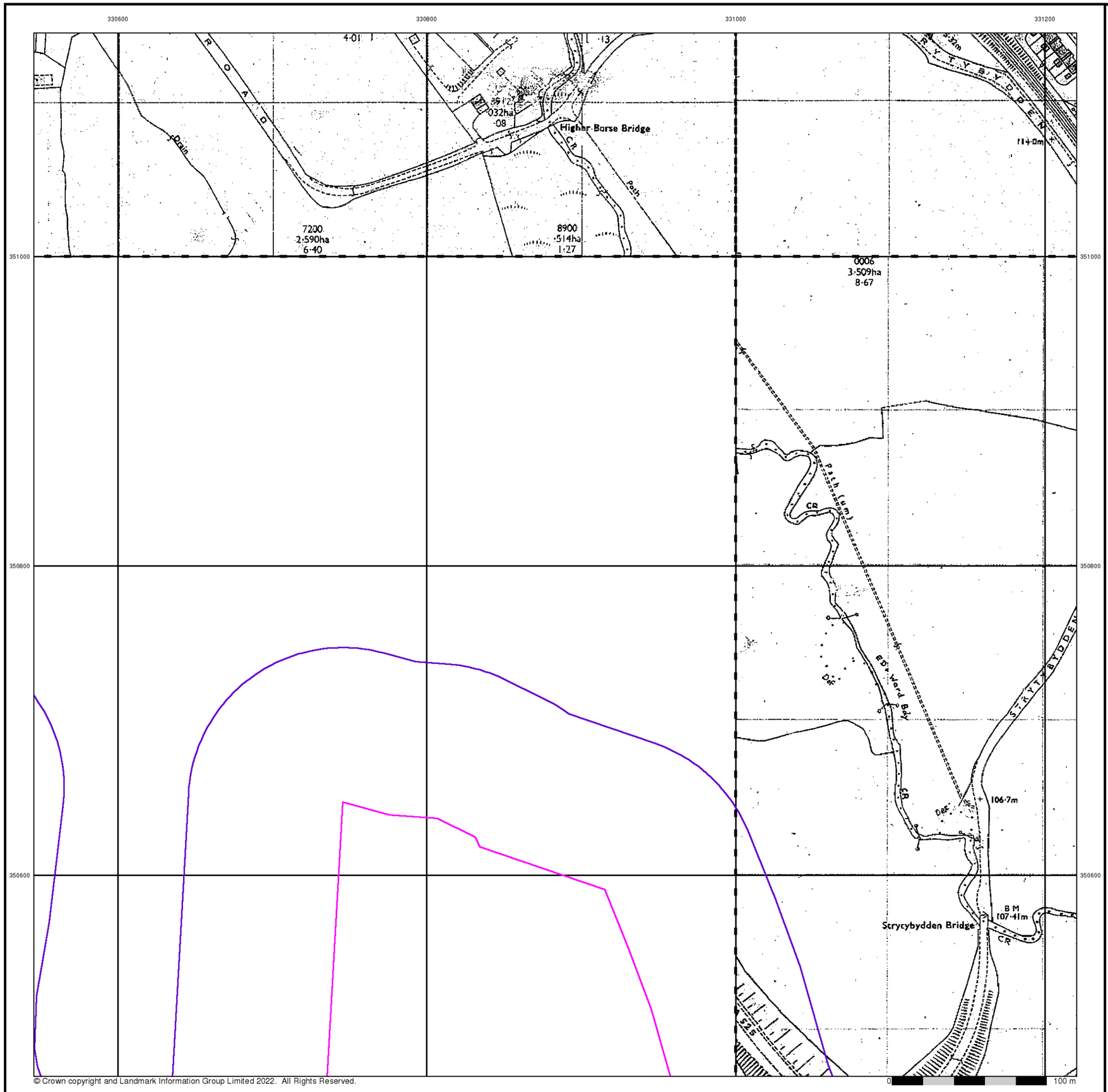

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

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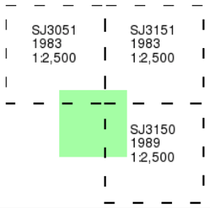
## Additional SIMs

**Published 1983 - 1989**

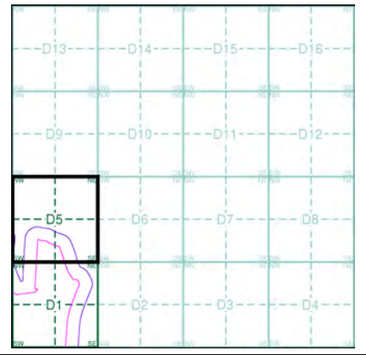
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment D5



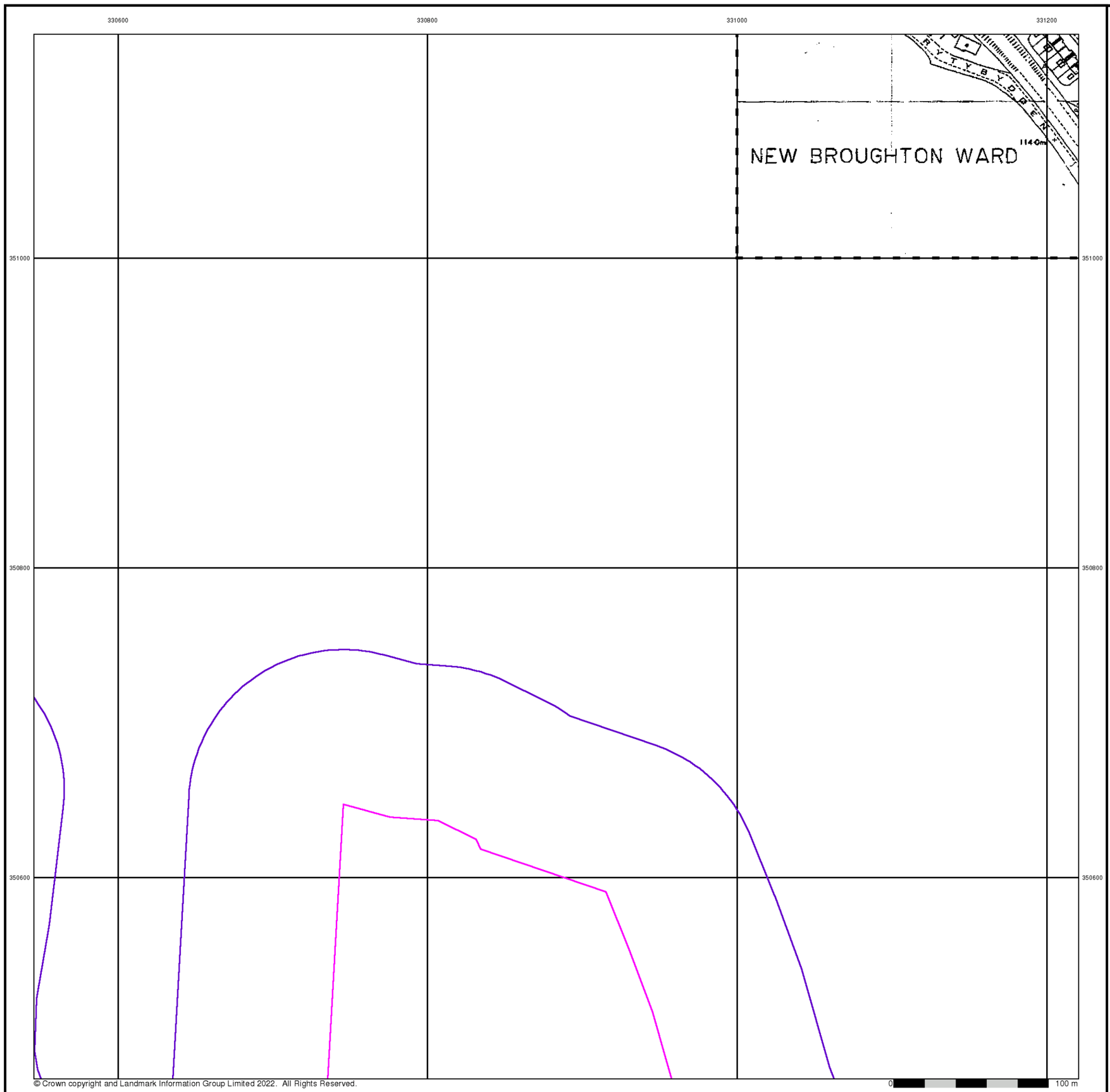

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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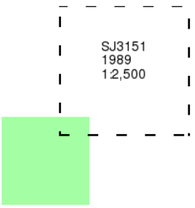

## Additional SIMs

**Published 1989**

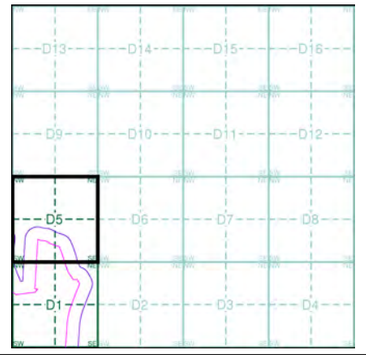
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment D5



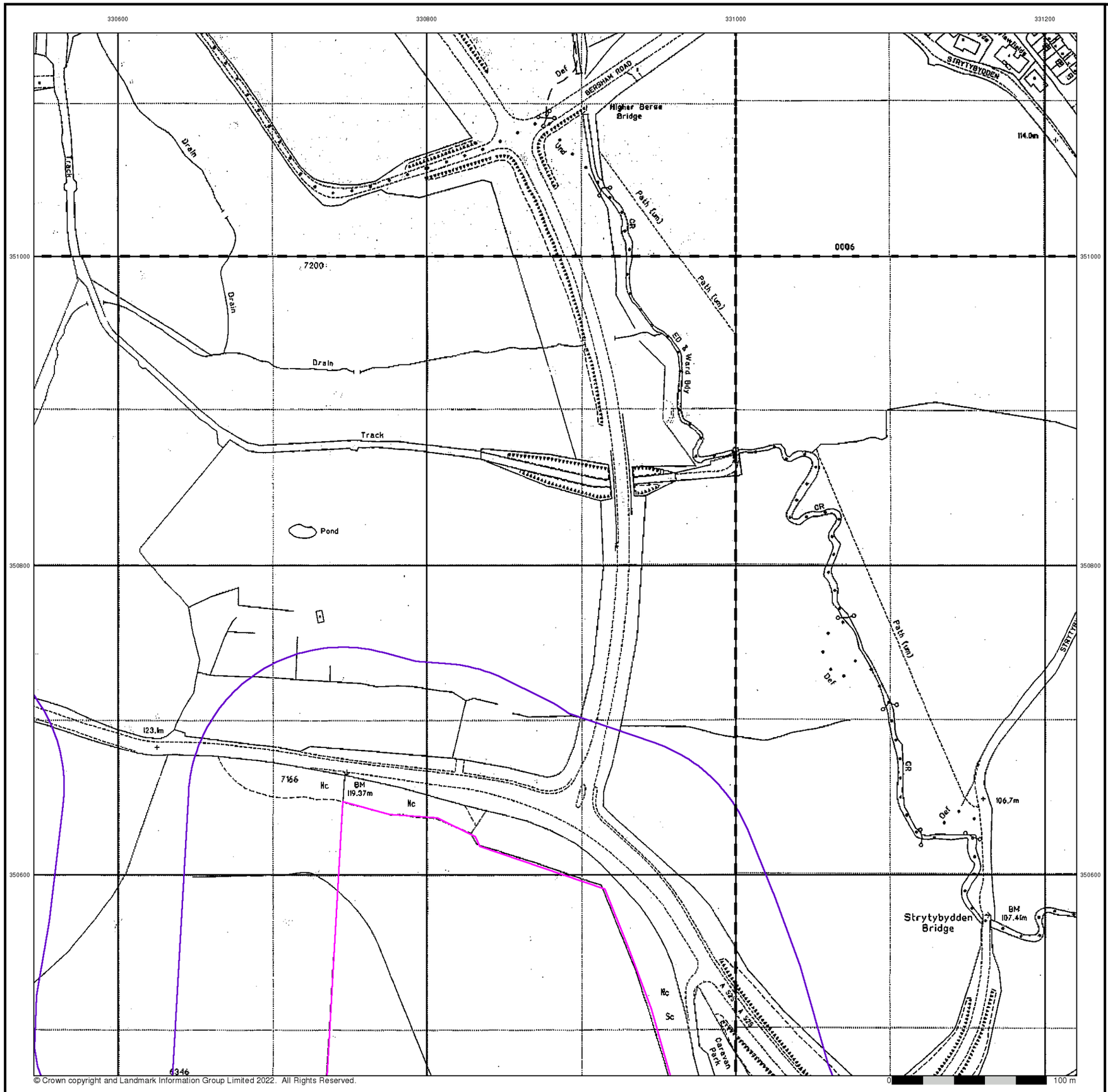

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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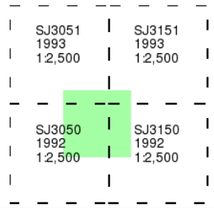
## Large-Scale National Grid Data

**Published 1992 - 1993**

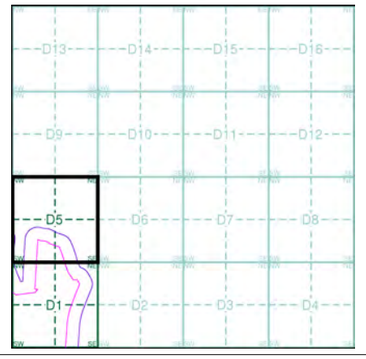
**Source map scale - 1:2,500**

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

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




## Historical Map - Segment D5



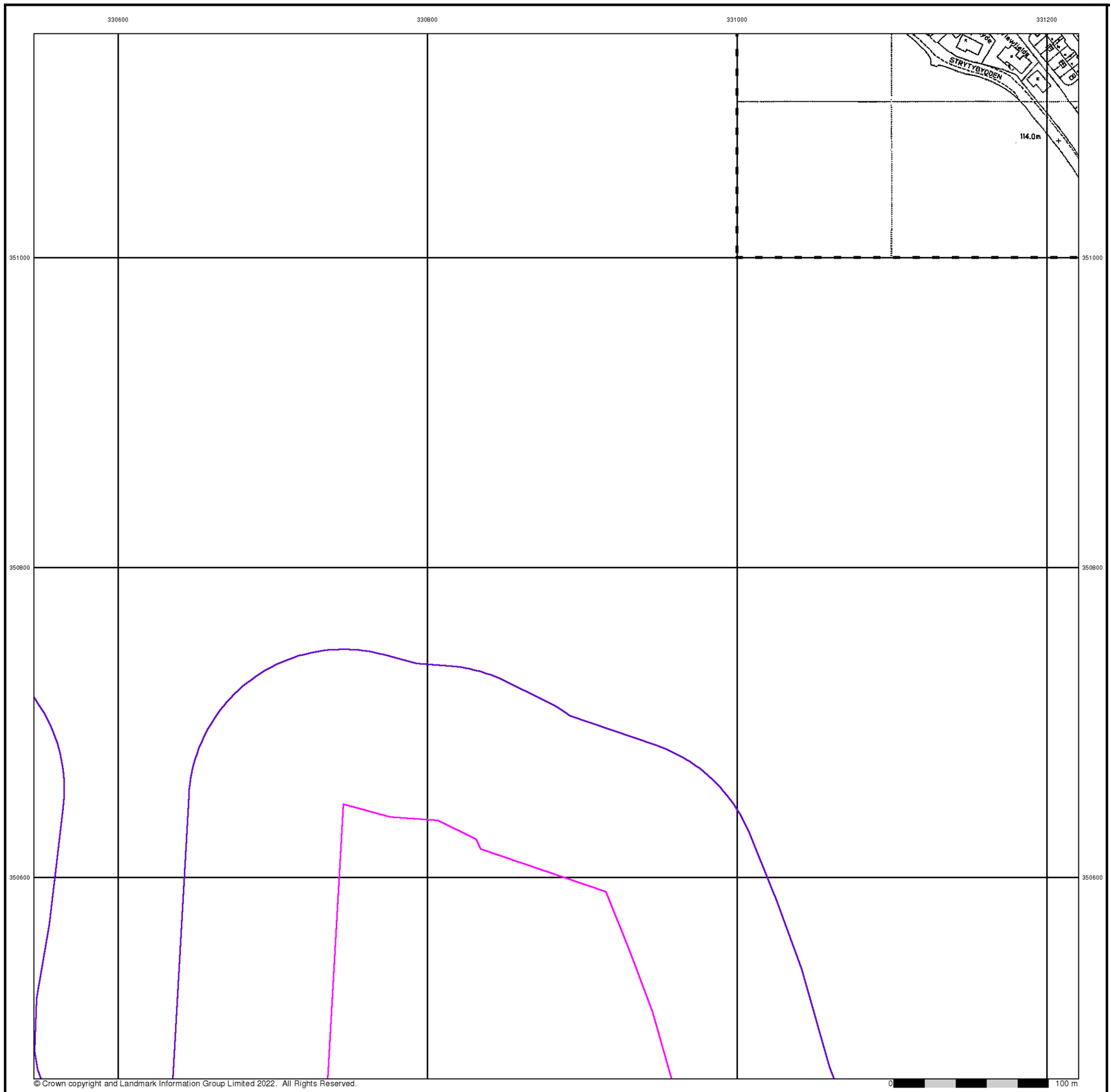

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

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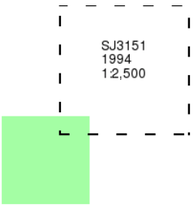

## Large-Scale National Grid Data

**Published 1994**

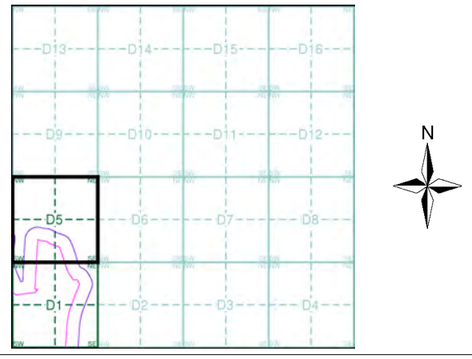
**Source map scale - 1:2,500**

'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 D5



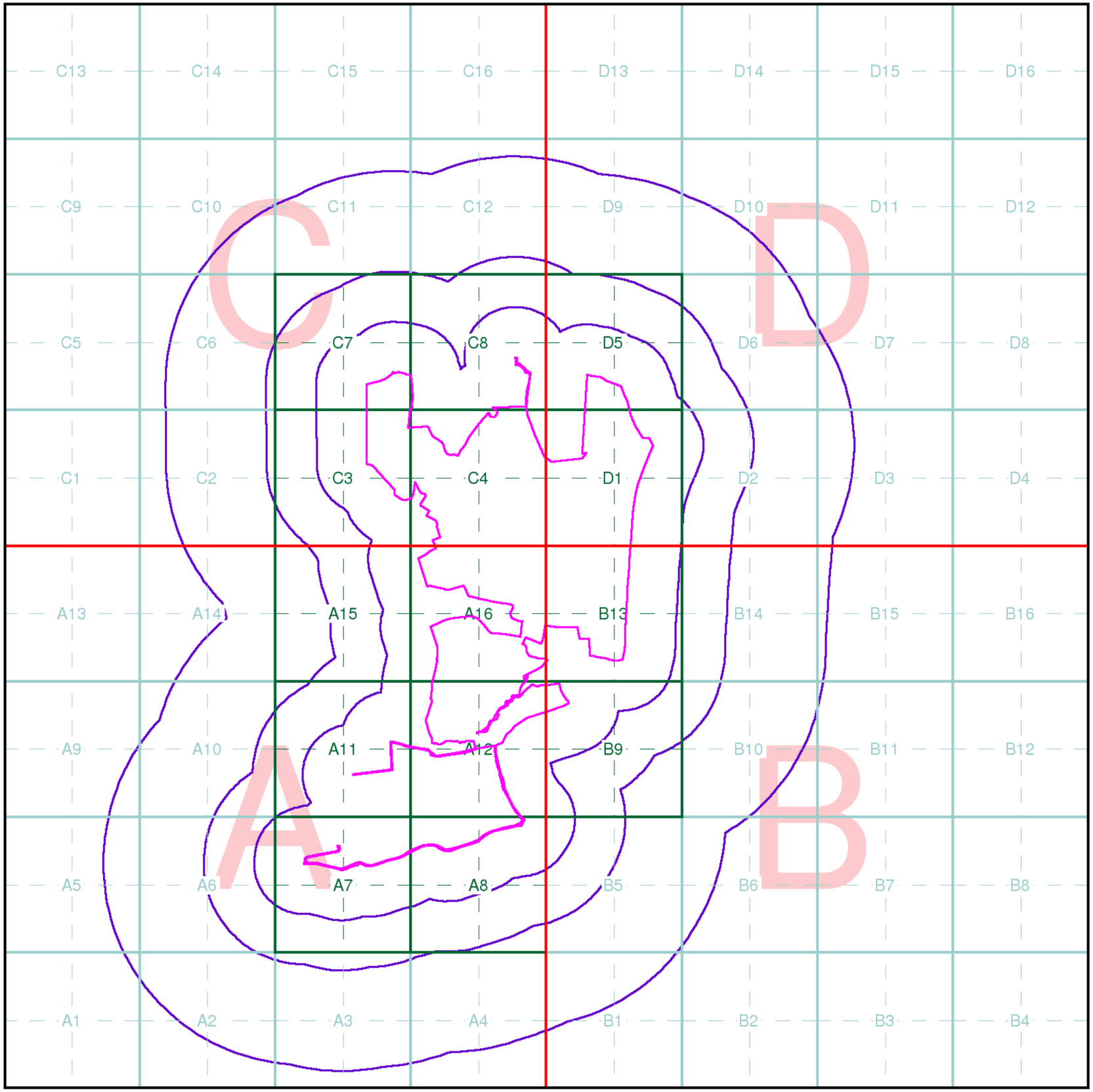

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 331220, 350630 |
| Slice: | D |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 100 |

## Site Details

Site at 330330, 350090

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## Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Cyfoeth Naturiol Cymru
Natural Resources Wales

Envirocheck reports are compiled from 136 different sources of data.

## Client Details

Mr G Chapman, RPS Consulting Services Ltd, 260 Park Avenue, Aztec West, Almondsbury, Bristol, BS32 4SY

## Order Details

| | |
|---|---|
| Order Number: | 291151542_1_1 |
| Customer Ref: | JER8537 |
| National Grid Reference: | 330390, 349790 |
| Site Area (Ha): | 145.64 |
| Search Buffer (m): | 1000 |

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Site at 330330, 350090

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

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# Appendix D
# BGS BOREHOLE LOG RECORDS

British Geological Survey

BGS ID: 145043 : BGS Reference: SJ25SE42
British National Grid (27700) : 329710,350770

SJ 25 SE 42 **2971 5077** **East of Coedpoeth** 1st No. 121

Surface level (+157.2 m) +516 ft
Water struck at +151.2 m
Shell and auger 8-in (203 mm) diameter
April 1977

Overburden 6.0 m
Mineral 2.5 m
Bedrock 0.5 m +

## LOG

| Geological classification | Lithology | Thickness m | Depth m |
|---|---|---|---|
| | Soil | 0.1 | 0.1 |
| Boulder Clay | Clay, brown to dark brown, stony, plastic becoming hard at the base | 5.9 | 6.0 |
| Glacial Sand and Gravel | Gravel | 2.5 | 8.5 |
| | Gravel: fine and coarse with cobbles, subangular sandstone with quartzite and some chert, siltstone, volcanics and a trace of quartz<br>Sand: fine, medium and coarse | | |
| Coal Measures | Sandstone, yellow-brown | 0.5+ | 9.0 |

## GRADING

| Mean for deposit *percentages* | | | Depth below surface (m) | *percentages* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fines | Sand | Gravel | | Fines | Sand | | | Gravel | | |
| | | | | $-\frac{1}{16}$ | $+\frac{1}{16}-\frac{1}{4}$ | $+\frac{1}{4}-1$ | $+1-4$ | $+4-16$ | $+16-64$ | $+64$ |
| 6 | 30 | 64 | 6.0–7.0 | 3 | 5 | 9 | 13 | 15 | 25 | 30 |
| | | | 7.0–8.0 | 9 | 6 | 11 | 13 | 26 | 17 | 18 |
| | | | 8.0–8.5 | 5 | 6 | 12 | 17 | 17 | 38 | 5 |
| | | | Mean | 6 | 6 | 10 | 14 | 20 | 24 | 20 |

## COMPOSITION

| Depth below surface (m) | Percentages by weight in +8 mm fraction | | | | | | |
|---|---|---|---|---|---|---|---|
| | Quartz | Quartzite | Sandstone | Limestone | Other sediments | Igneous | Chert, flint |
| 6.0–8.5 | Trace | 18 | 75 | — | 3 | 1 | 3 |

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 145043 : BGS Reference: SJ25SE42
British National Grid (27700) : 329710,350770

Institute of Geological Sciences

MAU Sand and Gravel Borehole Log Form

| SJ 25 SE 42 | 2971 5077 | East of Coedfoeth | Block |
|---|---|---|---|

| Surface level | (+157.2m) +516ft |
|---|---|
| Water struck at | +151.2m |
| Shell and auger: | 8in (202mm) diameter |
| April 1977 | |

| | | |
|---|---|---|
| Overburden | 6.0m | |
| Mineral | 2.5m | |
| Bedrock | 0.5m+ | |

LOG

| Geological Classification | Lithology | Thickness m | Thickness ft | Depth m | Depth ft |
|---|---|---|---|---|---|
| | Soil | 0.1 | | 0.1 | |
| | Clay, brown – dark brown stoney clay, plastic, becoming hard at the base. | 5.9 | | 6.0 | |
| | Gravel | 2.5 | | 8.5 | |
| | Gravel: fine to coarse with cobbles, subangular quartzite, with sandstone and siltstone | | | | |
| | Sand: fine to coarse | | | | |
| | Sandstone, yellow-brown | 0.5+ | | 9.0 | |

COMMERCIAL IN CONFIDENCE

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 145043 : BGS Reference: SJ25SE42
British National Grid (27700) : 329710,350770

[redacted] Team for Deposit Percentages

Fines Sand Gravel

| | | |
|---|---|---|
| 6 | 30 | 64 |

SJ 25 SE/42

GRADING

COMMERCIAL IN CONFIDENCE

| Depth below surface (m) | | Percentages | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Fines | Sand | | | Gravel | | |
| From | To | -1/16 | 1/16-1/4 | 1/4-1 | 1-4 | 4-16 | 16-64 | +64 |
| 6.0 | 7.0 | 3 | 5 | 9 | 13 | 15 | 25 | 30 |
| 7.0 | 8.0 | 9 | 6 | 11 | 13 | 26 | 17 | 18 |
| 8.0 | 8.5 | 5 | 6 | 12 | 17 | 17 | 38 | 5 |

IGS 1697 (1475) 1500 8/76

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 145043 : BGS Reference: SJ25SE42
British National Grid (27700) : 329710,350770

42

IGS 1536 (1159) 2000 1/76 — Institute of Geological Sciences — Sheet 1 of 2

Borehole Reg No: SJ 25 SE 42
Temp borehole No: SJ 25 SE 8
Nat Grid Ref: 2971 5077
Locality: West of Barn Hill
Surface level: m O.D.( ft O.D.)
Drilled by: Strata
Drill type: Shell
Hole diameter: 8"
Depth(s) bailed: 1m – 9m
Date started: 12 April 1977
Date finished: 12 Ap.
Recorded by: R Stanczyszyn

| Classification of ground | Thickness m | Nature |
|---|---|---|
| overburden | 6·0 | Glacial till |
| mineral | 2-5 | " gravel |
| bedrock | 0-5 | Sandstone. |

Remarks

Explanation
▽ Groundwater depth first encountered
a▼ Morning water level
p▼ Evening water level
Casing depth
Borehole depth
w Water sample
U, sample; solid ornament shows fraction recovered
Spot disturbed sample
Bulk sample
S.P.T. Standard Penetration Test

| Geological Classification | Description of Strata | Sampling | Sample Nos | Water level | Drilling and Casing progress |
|---|---|---|---|---|---|
| | Topsoil | 0·1 | | | |
| Glacial till | Light orangish brown, soft to firm and plastic CLAY with sand and pebbles upto 50mm. Small proportion of coal fragments, about 2–10mm. | | | | |
| | Still predominantly CLAY with more sand. Greater percentage volume of pebbles, especially mid-range, 16mm ± just larger. | 2·6 | SS * | | |
| | Colour darkening | | | | |
| | Gradation to grey, firm to hard CLAY with pebbles, most numerous in size 8–16mm. | | | | |
| | | 6·0 | | ▽ | |
| Glacial | GRAVEL – upto 150mm cobbles, mostly clastic types sst ± siltst, predominantly angular. Sand – coarse grade relatively abundant. Est. % G 80 / S 15 / F 5 (washed out) | | CL 255 | | |
| | | 7·0 | | | |
| | Same GRAVEL, v. large pebbles sub-rounded Volume of coarse sand increased. Est % 60 / 30 / 10 | | CL 256 | | |
| | | 8·0 | | | |

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 145043 : BGS Reference: SJ25SE42
British National Grid (27700) : 329710,350770

Borehole Reg No:
Temp. borehole No: 25SE/8

SJ25SE|42

Sheet 2 of 2

| Geological Classification | Description of Strata | Sampling | Sample Nos | Water level | Drillin and Ca progre |
|---|---|---|---|---|---|
| Glacial | Same GRAVEL – v. many of smaller pebbles angular Perhaps broken up bedrock | 8·0 | CL 257 | | |
| | Definite bedrock – yellowish brown hard sst; pieces mostly small, all angular. | 8·5 | | | |
| | Drilling stopped at 9m. | 9·0 | | | |

IGS 1418 2000 8/75

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 154897 : BGS Reference: SJ35SW46
EPSG: 27700 : 330140,350210

FORM P 70
SERIES 680

Section of PLAS POWER PREX BOREHOLE

Purpose TO PROVE COAL MEASURES

Exact Site E 330 138·0
N 350 214·0

Level at which ~~shaft~~ bore ~~drift~~ commenced relative to O.D. 125·73 m or ~~ft~~

Date of sinking or boring AUGUST – SEPTEMBER 1979

Sinker or borer NCB.

| 6-INCH MAP | B/H REGD. No. |
|---|---|
| SJ35SW (County, Sheet and Qtr.) | 46 |
| SJ 35 SW (Nat. Grid, Sheet & Qtr.) | 502 |

Attach tracing from a map or sketch map if possible

CONFIDENTIAL
This borehole is now released
5 Sept.
21/10/92

*Delete as appropriate

| GEOLOGICAL CLASSIFICATION | NATURE OF STRATA | THICKNESS ~~m~~ or ft* | THICKNESS ~~cm~~ or in* | DEPTH ~~m~~ or ft* | DEPTH ~~cm~~ or in* |
|---|---|---|---|---|---|
| | NO SAMPLES | 10 | – | 10 | – |
| | COAL 80%, black smooth mudstone 20% | 5 | – | 15 | – |
| | Sand coarse angular light grey gravelly sand with 10% COAL | 5 | – | 20 | – |
| | Sand coarse angular grey gravel with trace COAL | 5 | – | 25 | – |
| | Sandstone light grey, medium grained, with a little of COAL fragments in top 15' | 50 | – | 75 | – |
| | Siltstone medium grey, medium grained | 5 | – | 80 | – |
| | Mudstone medium grey, slightly silty | 5 | – | 85 | – |
| | Mudstone light and medium grey, slightly silty | 5 | – | 90 | – |
| | Sandstone light grey, fine grained | 5 | – | 95 | – |
| | Mudstone medium grey, silty | 5 | – | 100 | – |
| | Siltstone medium grey, fine grained | 5 | – | 105 | – |
| | Sandstone light grey, medium grained | 20 | – | 125 | – |
| | Mudstone medium grey, slightly silty | 15 | – | 140 | – |
| | Sandstone light grey, medium grained | 10 | – | 150 | – |
| | Siltstone medium grey, medium grained | 5 | – | 155 | – |
| | Mudstone medium grey, slightly silty 20% COAL fragments | 5 | – | 160 | – |
| | Mudstone medium grey, slightly silty | 10 | – | 170 | – |

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 154897 : BGS Reference: SJ35SW46
EPSG: 27700 : 330140,350210

FORM P 71
SERIES 680

| 6-INCH MAP | B/H |
|---|---|
| SJ35SW | 46 |
| | |

*Delete as appropriate

Section of PLAS POWER PARK BOREHOLE

| GEOLOGICAL CLASSIFICATION | NATURE OF STRATA | THICKNESS ~~m~~ or ft* | THICKNESS ~~cm~~ or in* | DEPTH ~~m~~ or ft* | DEPTH ~~cm~~ or in* |
|---|---|---|---|---|---|
| | Brought forward | | | 170 | |
| | Sandstone light grey, medium grained | 5 | – | 175 | – |
| | Siltstone medium grey, fine grained | 10 | – | 185 | – |
| | Sandstone light grey, medium grained | 10 | – | 195 | – |
| | CORES START @ 199'4" | | | | |

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 154897 : BGS Reference: SJ35SW46
EPSG: 27700 : 330140,350210

FORM P 71
SERIES 680

| 6-INCH MAP | B - |
|---|---|
| SJ35SW | 46 |
| | |

Section of PLAS POWER PARK BOREHOLE

*Delete as appropriate

| GEOLOGICAL CLASSIFICATION | NATURE OF STRATA | THICKNESS ft* | THICKNESS in* | DEPTH ft* | DEPTH in* |
|---|---|---|---|---|---|
| | CORES START @ | | | 199 | 4 |
| Sandstone | light grey, medium grained, massive and strong | 3 | 8 | 203 | 00 |
| Siltstone | medium to dark grey, laminated, | – | 5 | 203 | 5 |
| Sandstone | light grey, medium grained, massive, with some occasional silty wisps and laminae | 17 | 3 | 220 | 8 |
| Sandstone | light grey medium grained, carbonaceous with large silty mudstone clasts, | 2 | 4 | 223 | 00 |
| Sandstone | light grey, medium grained, massive, | 5 | 7 | 228 | 7 |
| Siltstone | medium to dark grey, medium grained, laminated, | 1 | 3 | 229 | 10 |
| Sandstone | light grey, medium grained, massive, with some occasional dark grey carbonaceous laminae and thin coaly threads below 255' | 43 | 2 | 273 | 00 |
| Siltstone | dark grey, fine grained, firm, with rare plant fragments and some mudstone alternations below 275' | 6 | 1 | 279 | 01 |
| Mudstone | medium grey, smooth, weak, highly fissured, | – | 11 | 280 | 00 |
| Seatearth | Mudstone, medium grey, with a faint tinge, smooth, with numerous distinct surfaces and numerous roots, | 1 | 8 | 281 | 8 |
| Seatearth | Mudstone medium grey with a faint tinge, slightly silty, occasional silty surfaced, numerous roots and ironstone nodules, | 1 | 6 | 283 | 2 |
| Mudstone | medium grey, silty, firm and rather poorly bedded with some roots, with a 6" massive splaroidal ironstone band @ 286'3" with a strong splaroidal ironstone band 6" @ 287'4", passing into: | 4 | 10 | 288 | 00 |

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 154897 : BGS Reference: SJ35SW46
EPSG: 27700 : 330140,350210

FORM P 71
SERIES 680

| 6-INCH MAP | B/H |
|---|---|
| SJ35SW | H6 |
| | |

*Delete as appropriate

Section of PLAS POWER PARK BOREHOLE

| GEOLOGICAL CLASSIFICATION | NATURE OF STRATA | THICKNESS ft* | THICKNESS in* | DEPTH ft* | DEPTH in* |
|---|---|---|---|---|---|
| | Brought Forward | | | 288 | 00 |
| Mudstone | medium grey, silty, moderately well bedded, into some large ironstone tentacles bellow 290' 6", | 5 | 4 | 293 | 4 |
| Mudstone | dark grey, slightly silty, with some pyritic fragments | 1 | 2 | 294 | 6 |
| Mudstone | medium to dark grey, slightly silty to silty, with some plant fragments, becoming silty towards base and passing into: | 2 | 6 | 297 | 00 |
| Siltstone | medium grey, fine to medium grained, faintly laminated, with some comminuted plant debris, with uneven small ironstone tentacles and nodules i band 5" | 11 | 8 | 308 | 8 |
| Siltstone | dark grey coarse grained, strongly laminated, | — | 8 | 309 | 4 |
| Siltstone | medium to dark grey, fine grained with occasional diffuse ivory fentacles with occasional large plants and some thin sandy wisps with a 1" sandstone band @ 317' 7" passing into @ | 10 | 8 | 320 | 00 |
| Mudstone | dark grey, silty, with some plant fragments | 2 | 3 | 322 | 3 |
| Siltstone | dark grey, fine to medium grained, with dark grey carbonaceous laminae and comminuted plant debris | 5 | 4 | 327 | 7 |
| Mudstone | dark grey, slightly silty with uneven pyritic nits and spherules and tubules for 5" @ 328' 3" | 1 | 2 | 328 | 9 |
| Mudstone | dark grey, smooth, with uneven pale yellow speckles and pyritic tubules, EUPHEMITES @ 329' 8" EUPHEMITES @ 330' 2" and @ 331' 3" and @ 332' 0" and @ 332' 3" with numerous ironstone tentacles bellow 333' 0" | 5 | 10 | 334 | 7 |

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British Geological Survey

BGS ID: 154897 : BGS Reference: SJ35SW46
EPSG: 27700 : 330140,350210

FORM P 71
SERIES 680

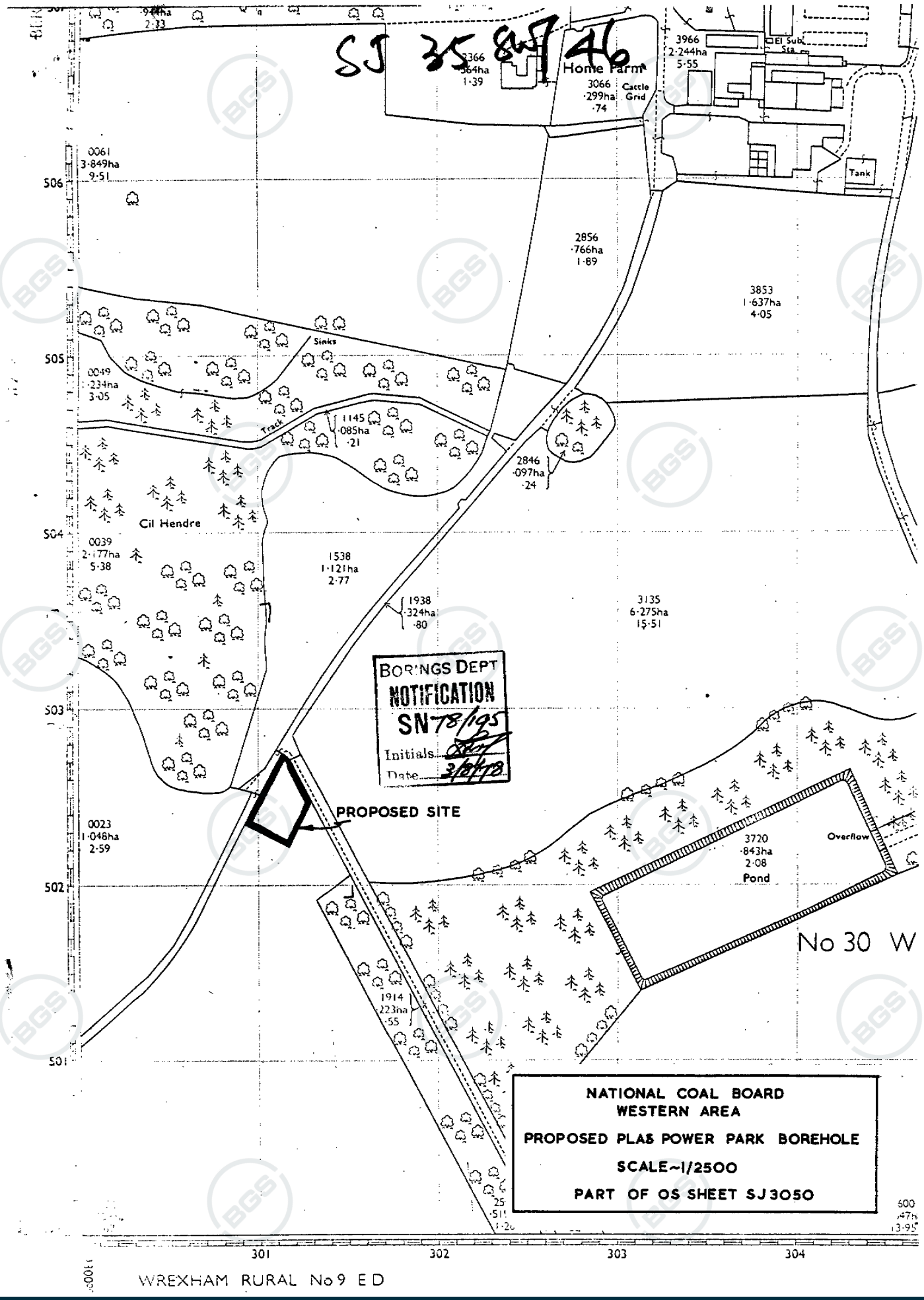
| 6-INCH MAP | B/H |
|---|---|
| SJ35SW | H10 |
| | |

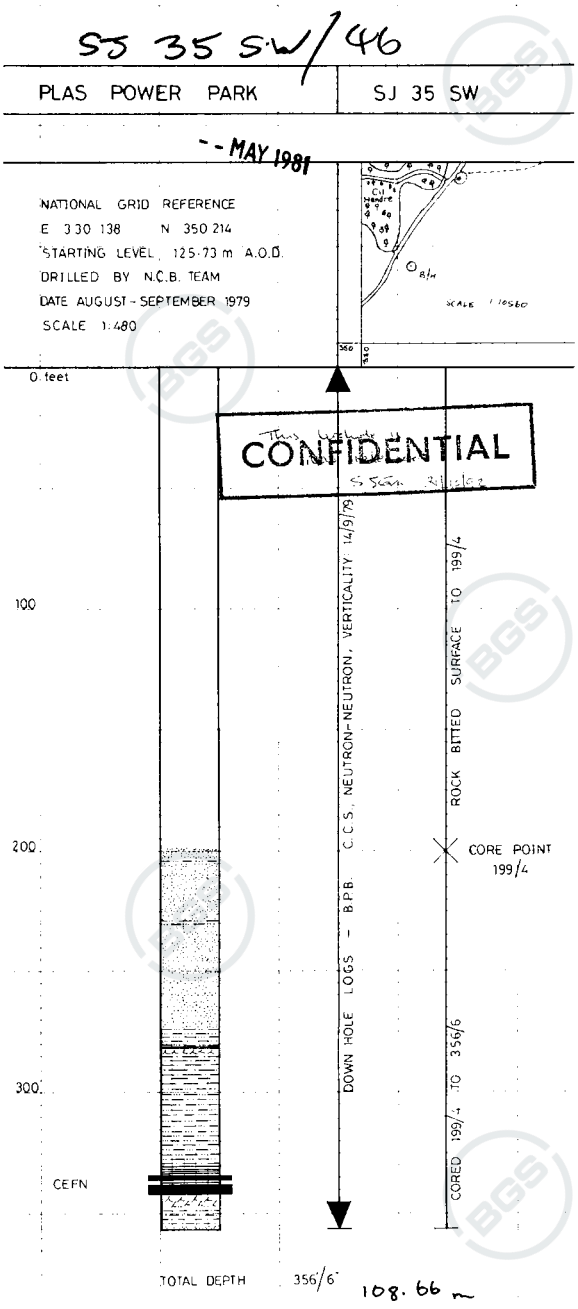
*Delete as appropriate

Section of PLAS POWER PARK BOREHOLE

| GEOLOGICAL CLASSIFICATION | NATURE OF STRATA | THICKNESS ft* | THICKNESS in* | DEPTH ft* | DEPTH in* |
|---|---|---|---|---|---|
| | Brought forward | | | 334 | 7 |
| | COAL Inferior in part, fractured and slightly fragmentary | 1 | 9 | 336 | 4 |
| CEFN | Mudstone black, carbonaceous slightly silty in parts rare FISH debris | 2 | 1 | 338 | 5 |
| | COAL Inferior in part Dip 8° | 3 | 0 | 341 | 5 |
| | Seatearth Mudstone medium brown grey smooth, weak and bioturbated | — | 5 | 341 | 10 |
| | Seatearth Mudstone medium grey, slightly silty | 3 | 6 | 345 | 4 |
| | Seatearth Siltstone medium grey, fine to medium grained, passing into: | — | 8 | 346 | 00 |
| | Siltstone medium grey, medium grained, finely laminated, | — | 9 | 346 | 9 |
| | Mudstone medium grey, silty, moderately firm, finely micaceous, passing into: | 3 | 3 | 352 | 00 |
| | Siltstone medium grey, fine grained with some large plant fragments and rare ironstone nodules | 1 | 11 | 354 | 11 |
| | Sandstone light grey, fine and massive | 1 | 7 | 356 | 6 |
| | TOTAL DEPTH | | | 356 | 6 |
| | Borehole sealed in accordance with PI 1977/9 with 36 bags Shallow Oilwell cement and 6 bags baryte | | | | |

Contact BGS: ngdc@bgs.ac.uk


SJ 35 SW 46
Home Farm
Cattle Grid
Tank
El Sub Sta
Sinks
Track
Cil Hendre
BORINGS DEPT
NOTIFICATION
SN78/195
Initials
Date 3/11/78
PROPOSED SITE
Overflow
Pond
No 30 W
NATIONAL COAL BOARD
WESTERN AREA
PROPOSED PLAS POWER PARK BOREHOLE
SCALE~1/2500
PART OF OS SHEET SJ3050
WREXHAM RURAL No 9 E D


SJ 35 SW/46
PLAS POWER PARK
SJ 35 SW
MAY 1981
NATIONAL GRID REFERENCE
E 330 138 N 350 214
STARTING LEVEL 125·73 m A.O.D.
DRILLED BY N.C.B. TEAM
DATE AUGUST - SEPTEMBER 1979
SCALE 1:480
O feet
CONFIDENTIAL
100
200
300
DOWN HOLE LOGS - B.P.B. C.C.S. NEUTRON-NEUTRON, VERTICALITY 14/9/79
ROCK BITTED SURFACE TO 199/4
CORE POINT 199/4
CORED 199/4 TO 356/6
CEFN
TOTAL DEPTH 356/6'
108.66 m

# Appendix E
## CON29 COAL MINING REPORTS

Groundsure
LOCATION INTELLIGENCE

# CON29M
OFFICIAL COAL MINING SEARCH

Plas Power Solar Farm Area 1,

## Professional opinion

Inc. integrated mine entry interpretive assessment

POTENTIAL RISK

## Site plan



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## Search results


1. Past underground coal mining — Identified — page 4
2. Present underground coal mining — Not identified
3. Future underground coal mining — Not identified
4. Shafts and adits (mine entries) — Not identified
5. Coal mining geology — Not identified
6. Past opencast coal mining — Not identified
7. Present opencast coal mining — Not identified
8. Future opencast coal mining — Not identified
9. Coal mining subsidence claims — Identified — page 6
10. Mine gas emissions — Not identified
11. Emergency Call Out incidents — Not identified
12. Withdrawal of support — Not identified
13. Working facilities orders — Not identified
14. Payments to copyhold owners — Not identified
Cheshire Brine — Not identified

# Coal mining (CON29M) assessment

We consider there to be a potential risk to the property from past coal mining activity. For further details refer to: Coal mining subsidence claims.

## Coal mining

### Subsidence claims

A subsidence claim has been identified within 50m of the property. Whilst no further searches are required, it should be noted that in the event of coal mining settlement or subsidence occurring the property will benefit from the protection of the Coal Mining Subsidence Acts of 1991 and as amended 1994.

**Next steps for consideration:**

- A visual inspection of the property by a suitably qualified and experienced person may be of value in identifying any currently identifiable mining related settlement or subsidence effects.

### Coal Mining Subsidence Act 1991

If any coal mining subsidence damage has occurred, as determined by the appropriate persons/bodies, the property will benefit from the protection of the Coal Mining Subsidence Acts of 1991 and as amended 1994.

This Act, however, 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. In this instance it would be prudent to have the property visually inspected for signs of mining related settlement or subsidence by a suitably qualified and experienced person, who could be sought through https://www.ricsfirms.com/.

The Coal Authority provide a call out service on 01623 646 333 to take remedial action concerning the movement or collapse of any coal entries or coal mining surface hazards. Further details can be found on www.groundstability.com.

CON29M reports are a requirement for conveyancing and are recommended throughout the official Coal Mining Reporting Area. This is the area within which it is deemed prudent to clarify the risk presented by coal mining, using the questions laid out in the Law Society's CON29M form. The need for a CON29M does not always translate to an identification of risk, and reports will often be assessed as free from risk or 'Passed' even though they are within the official Coal Mining Reporting Area.

# Coal mining (CON29M)




Site Outline

Search buffers in metres (m)

Mine entries

- Adits
- Shafts
- Calculated 'zone of influence'

Subsidence claims

- Awaiting decision
- Rejected
- Admitted
- Deferred
- Settled
- Withdrawn

- Probable shallow coal mine workings
- Coal outcrops
- Past shallow coal mine workings

## Coal mining (CON29M)

The map above shows relevant, mappable hazards identified that could constitute a risk to the property. It does not necessarily show all features or potential issues identified in this report. Further details of any features shown indicating the location of Mine Entries or Subsidence Claims can be found in the relevant sections of this report (4 and 9 respectively).

Responses to the Law Society CON29M Coal Mining search enquiries are produced using official Coal Authority data and the expert interpretation of Groundsure. This report is prepared in accordance with The Law Society CON29M (2018) Guidance Notes. Additional interpretation and calculation of mine entry zones of influence has also been carried out by Groundsure using Coal Authority and British Geological Survey data.

Please read this report carefully, and in particular any sections flagged with an amber 'i'.



Contact us with any questions at:
info@groundsure.com
01273 257 755

The Law Society

These enquiries are The Law Society CON29M (2018) Coal Mining search enquiries and are used with permission of The Law Society. The Law Society CON29M Coal Mining search enquiries are protected by copyright owned by The Law Society of 113 Chancery Lane, London WC2A 1PL. The Law Society has no responsibility for information provided in response to CON29M (2018) Coal Mining search enquiries within this report or otherwise.

## 1. Past underground coal mining

*Is the property within the zone of likely physical influence on the surface of past underground coal workings?*

- **The property lies within the potential zone of influence of recorded workings in 6 seam(s) of coal. The most recent underground working in the area was in 1938. These workings lie between 35 metres and 190 metres. Any ground movement due to this coal mining activity should have stopped.**

## 2. Present underground coal mining

*Is the property within the zone of likely physical influence on the surface of present underground coal workings?*

- **The property does not lie within the boundary of an underground site from which coal is being removed by underground methods.**

## 3. Future underground coal mining

*(a) Is the property within any geographical area for which the Coal Authority is determining whether to grant a licence to remove coal by underground methods?*

- **The property does not lie within the boundary of an underground site for which the Coal Authority is determining whether to grant a licence to remove coal by underground methods.**

*(b) Is the property within any geographical area for which a licence to remove coal by underground methods has been granted?*

- **The property does not lie within the boundary of an underground site for which a licence to remove coal by underground methods has been granted.**

*(c) Is the property within the zone of likely physical influence on the surface of planned future underground coal workings?*

- **The property does not lie within the zone of likely physical influence on the surface of planned future underground workings.**

*(d) Has any notice of proposals relating to underground coal mining operations been given under section 46 of the Coal Mining Subsidence Act 1991?*

- **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. Shafts and adits (mine entries)

*Are there any shafts and adits or other entries to underground coal mine workings within the property or within 20 metres of the boundary of the property?*

- **No coal mine entries are recorded to lie within 20 metres of the property.**

## 5. Coal mining geology

*Is there any record of any fault or other line of weakness due to coal mining at the surface within the boundary of the property that has made the property unstable?*

- **No damage arising from geological faults or other lines of weakness activated by coal mining are recorded within the property.**

## 6. Past opencast coal mining

*Is the property situated within the geographical boundary of an opencast site from which coal has been removed in the past by opencast methods?*

- **The property does not lie within the boundary of an opencast site from which coal was removed by opencast methods.**

## 7. Present opencast coal mining

*Is the property within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods?*

- **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

*(a) Is the property within 800 metres of the boundary of an opencast site for which the Coal Authority are determining whether to grant a licence to remove coal by opencast methods?*

- **The property does not lie within 800 metres of the boundary of an opencast site for which the Coal Authority are determining whether to grant a licence to remove coal by opencast methods.**

*(b) Is the property within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted?*

- **The property does not lie 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 claims

*(a) Has any damage notice or claim for alleged coal mining subsidence damage to the property been given, made or pursued since 31st October 1994?*

- **We have evidence of a damage notice or subsidence claim for the property or within 50m of the property since 31st October 1994.**

| Distance | Type | Reference | Address | Claim date | Status | Status reason | Claim value |
|---|---|---|---|---|---|---|---|
| 18 m | TCA | S36184-CI | AGRICULTURAL LAND OFF SMITHY ROAD SOUTHSEA WREXHAM CLWYD | 19/10/1995 | 02 - Rejected | - | - |

*(b) In respect of any such notice or claim has the responsible person given notice agreeing that there is a remedial obligation or otherwise accepted that a claim would lie against them?*

- **Responsible persons have not given notice agreeing that there is a remedial obligation or accepted that a claim would lie against them.**

*(c) In respect of any such notice or acceptance has the remedial obligation or claim been discharged?*

- **Remedial obligation or claims have not been discharged.**

*(d) Does any current "Stop Notice" delaying the start of remedial works or repairs affect the property?*

- **There are no current Stop Notices delaying the start of remedial works or repairs to the property.**

*(e) Has any request been made under Section 33 of the 1991 Act to execute preventive works before coal is worked, which would prevent the occurrence or reduce the extent of subsidence damage to any buildings, structures or works and, if yes, has any person withheld consent or failed to comply with any such request to execute preventive works?*

- **There is no record of a request that has been made to carry out preventive works before coal is worked under Section 33 of the Coal Mining Subsidence Act 1991.**

*NB. Records of damage notices or subsidence claims before 31st October 1994 are excluded from The Coal Authority data from which this search is compiled.*

## 10. Mine gas emissions

*Does the Coal Authority have record of any mine gas emission within the boundary of the property being reported that subsequently required action by the Authority to mitigate the effects of the mine gas emission?*

- **No mine gas emissions are recorded within the boundary of the property.**

## 11. Emergency Surface Hazard Call Out incidents

*Have the Coal Authority carried out any work on or within the boundaries of the property following a report of an alleged hazard related to coal mining under the Authority's Emergency Surface Hazard Call Out procedures?*

- **No Emergency Surface Hazard Call Out procedures are recorded against the property.**

## 12. Withdrawal of support

*(a) Does the land lie within a geographical area in respect of which a notice of entitlement to withdraw support has been published?*

- **The property does not lie in an area where the right to withdraw support has been granted.**

*(b) Does the land lie within a geographical area in respect of which a revocation notice has been given under section 41 of the Coal Industry Act 1994?*

- **The property does not lie within a geographical area in which a revocation notice has been given under section 41 of the Coal Industry Act 1994.**

## 13. Working facilities orders

*Is the property within a geographical area subject to an order in respect of the working of coal under the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof?*

- **The property is not in an area where a court order has been issued.**


Contact us with any questions at:
info@groundsure.com
01273 257 755

## 14. Payments to owners of former copyhold land

*(a) Has any relevant notice, which may affect the property, been given?*

- **The property does not lie within former copyholder land.**

*(b) If yes, has any notice of retained interests in coal and coal mines been given?*

- **No notices of retained interests in coal and coal mines been given.**

*(c) If yes, has any acceptance notice or rejection notice been served?*

- **No acceptance or rejection notices have been served.**

*(d) If any such acceptance notice has been served, has any compensation been paid to a claimant?*

- **No compensation has been paid to a claimant.**

## CON29M notes and guidance

This report is prepared in accordance with The Law Society Guidance Notes 2018; under which all replies to these enquiries are made. Groundsure's Terms and Conditions are applicable at the time the report was produced.

Property owners have the benefit of statutory protection (under the Coal Mining Subsidence Act 1991). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage from disused coal mine workings including disused coal mine entries. A leaflet setting out the rights and obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by telephoning 0345 762 6848. Further information can be found on their website: www.groundstability.com.

The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries).

The Coal Authority emergency telephone number at all times is 01623 646333.

Responses to The Law Society CON29M (2018) Coal Mining Search enquiries and associated findings and recommendations relating to coal mining risk have been provided by Groundsure Ltd. Groundsure Ltd have additionally provided information relating to the Cheshire Brine Compensation Area, and have compiled all information into this report.

Queries should be made of Groundsure Ltd on 01273 257 755, or via email: info@groundsure.com.

## CON29M report limitations

This CON29M (2018) Coal Mining Report has been carried out with reference to all available official Coal Authority licensed data, an extensive collection of abandoned mine plans, maps and records. From this material, we have endeavoured to provide as accurate a report as possible. Any and all analysis and interpretation of licensed Coal Authority data in this report is made by Groundsure

The information provided in this report by Groundsure Ltd has been compiled in response to The Law Society CON29M (2018) Coal Mining search enquiries. The scope of the assessment is limited to interpretation of past, present and future extraction of coal, and does not consider the impact from non-coal mining hazards and/or natural ground stability hazards. The Law Society's Guidance Notes 2018 recommends separate enquiries to the appropriate sources are made with regard to other minerals.

The Report is created by a remote investigation and reviews only information provided by the client (address and site location boundaries) and from the databases of publicly available and/or licensable information that enable a desk-based assessment of the Site. The Report does not include a Site Investigation, nor does Groundsure Ltd make additional specific information requests of the regulatory authorities for any relevant information they may hold.

This report is concerned solely with the Site searched and should not be used in connection with nearby properties, as only known coal mining features that could potentially have a direct influence upon the Site searched are considered relevant; other features present in the general area may have been omitted for ease of reference.

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Additional mine entry assessment is based on and limited to the data supplied by the Coal Authority at the time of production. In order to determine whether a property is within the likely zone of influence of a disused coal mine entry the following is considered: the actual or plotted position of the mine entry, its known or assumed diameter and the thickness of superficial deposits above rockhead. Where these figures are not known, assumptions based on established estimations have been made.

# CON29M report licensing

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- normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
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# Coal Mining Report Insurance Policy

ZURICH

## Coal Mining Report Insurance Policy

### The Schedule

**Policy Number:** The Reference contained in the **Coal Mining Search Report**

**Premium:** £1.40 inclusive of Insurance Premium Tax at 12%

**Property:** The property which is the subject of the **Coal Mining Search Report**

**Limit of Indemnity:** £100,000 increasing by 10% compound per annum on each anniversary of and for the first 10 years following the **Commencement Date**

**Commencement Date:** The date of the **Coal Mining Search Report**

**You/Your:**
**1.** A purchaser of the **Property**
**2.** A lender providing a **Mortgage** in connection with a purchase of the **Property**
**3.** A lender providing a **Mortgage** by way of a re-mortgage of the **Property**

### Definitions

Where a word is defined below or in the schedule it shall carry the same meaning wherever it appears in bold text in this policy

**Insured Use:** The continued use of the **Property** as a single house or flat or a single commercial premises

**Market Value:** The value as determined by a surveyor appointed by agreement between **You** and **Us** or (in default of agreement) the President for the time being of the Royal Institution of Chartered Surveyors

**Mortgage:** A mortgage or charge secured on the **Property** by an institutional mortgage lender

**Coal Mining Search Report:** The coal mining search report attached to this policy

**Search:** An official search comprising a search in form CON29M (2018) being mining searches relating to coal and brine in the area in which the **Property** is situated

**We/Our/Us:**
Zurich Insurance plc. A public limited company incorporated in Ireland. Registration No. 13460. Registered Office: Zurich House, Ballsbridge Park, Dublin 4, Ireland. UK Branch registered in England and Wales Registration No. BR7985. UK Branch Head Office: The Zurich Centre, 3000 Parkway, Whiteley, Fareham, Hampshire PO15 7JZ.

Zurich Insurance plc is authorised by the Central Bank of Ireland and authorised and subject to limited regulation by the Financial Conduct Authority. Details about the extent of our authorisation by the Financial Conduct Authority are available from us on request. Our FCA Firm Reference Number is 203093.

Communications may be monitored or recorded to improve our service and for security and regulatory purposes.

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## Your Policy

This is a legal document and should be kept in a safe place.

This policy is an agreement between **You** and **Us** and cover is provided subject to the payment of the **Premium**.

**You** must read this policy and its conditions, exclusions, schedule and any endorsements as one contract. Please read all of them to make sure that they provide the cover **You** require. If they do not, please contact **Us** or **Your** insurance adviser who arranged the policy for **You**.

When **You** take out and make changes to the cover provided by this policy, **You** must take reasonable care to ensure that **You** accurately answer any questions which **We** ask of **You** and that any information **You** give **Us** is accurate. If **You** are taking out this policy for purposes which are mainly related to **Your** trade, business or profession, **You** must also let **Us** know about all facts which are material to **Our** decision to provide **You** with insurance. Failure to meet these obligations could result in this policy being invalidated, a claim not being paid, or an additional premium being charged.

## Fair presentation of the risk

a) At inception of this policy and also whenever changes are made to it at **Your** request You must:

i) where **You** have taken out this policy for purposes which are wholly or mainly related to **Your** trade, business or profession, disclose to **Us** all material facts in a clear and accessible manner and not misrepresent any material facts, and
ii) where **You** have taken out this policy for purposes which are wholly or mainly unrelated to **Your** trade, business or profession, take reasonable care not to misrepresent any material facts.

b) If **You** do not comply with clause a) of this condition **We** may:

i) avoid this policy which means that **We** will treat it as if it had never existed and refuse all claims where any non-disclosure or misrepresentation by **You** is proven by **Us** to be deliberate or reckless in which case **We** will not return the premium paid by **You**; and
ii) recover from **You** any amount **We** have already paid for any claims including costs or expenses **We** have incurred.

c) If You do not comply with clause a) of this condition and the non-disclosure or misrepresentation is not deliberate or reckless this policy may be affected in one or more of the following ways depending on what **We** would have done if **We** had known about the facts which **You** failed to disclose or misrepresented:

i) if **We** would not have provided **You** with any cover **We** will have the option to:
1. avoid the policy which means that **We** will treat it as if it had never existed and repay the premium paid; and
2. recover from **You** any amount **We** have already paid for any claims including costs or expenses **We** have incurred
ii) if **We** would have applied different terms to the cover **We** will have the option to treat this policy as if those different terms apply. **We** may recover any payments made by **Us** on claims which have already been paid to the extent that such claims would not have been payable had such additional terms been applied
iii) if **We** would have charged **You** a higher premium for providing the cover **We** will charge **You** the additional premium which **You** must pay in full.

d) If any insured person, other than **You**, is responsible for a misrepresentation or failure to make a fair presentation of the risk, **We** will invoke the remedies available to **Us** under this condition as against that particular person as if a separate insurance contract had been issued to them leaving the remainder of the policy unaffected.

NB: For the purposes of the duty of disclosure stated in paragraphs a) i) and ii) above the content of the **Coal Mining Search Report** will be deemed to satisfy **Your** disclosure obligations.

## Cover

1. **You** are in the process of purchasing the **Property** relying on the **Coal Mining Search Report** and/or
2. **You** (being a lender) have agreed to provide a **Mortgage** in connection with **Your** borrower's purchase or re-mortgage of the **Property** relying on the **Coal Mining Search Report**.

**We** will pay the following losses sustained by **You** arising out of the **Property** being affected by any matter which would have been revealed by a **Search** had one been carried out on the date of the **Coal Mining Search Report** but which was not revealed by the **Coal Mining Search Report**:

1. any reduction in **Market Value** of the **Property** calculated at the date **You** become aware of the matter(s) and/or loss in connection with a **Mortgage** as a result of such reduction.
2. all other costs and expenses including out of court settlement costs incurred by **Us** or by **You** with **Our** prior written agreement.

## Waiver of Breach of Policy Condition

**We** will not exercise **Our** right to avoid **Our** liability to **You** in respect of loss where **You** have inadvertently breached any term or condition of the policy provided that such breach does not prejudice **Our** rights and remedies under the policy or otherwise directly or indirectly result in or increase the amount of any loss.

## Protection for Mortgagees and Successors in Title

**We** will not avoid **Our** liability to make a payment to **You** solely because another person breaches the terms and conditions of this policy, provided such breach was not committed on **Your** behalf or with **Your** agreement, and **We** will invoke the remedies available to **Us** under the Policy as against that other person as if a separate insurance contract had been issued to them leaving the remainder of the policy unaffected.

## Joint Insured

Any party insured under this policy standing in the relation of parent company, subsidiary company, associated company, branch office or joint venture partner to each other will be deemed to be joint insured for the purposes of this policy and jointly liable and responsible for any breach of any terms and conditions of this policy. If there is any inconsistency between this clause and any other term of this policy, this clause shall prevail.

## Exclusions

**We** will not pay for any:

1. amount in excess of the **Limit of Indemnity**.
2. loss which would be recoverable under a household buildings insurance policy.
3. loss arising from any matter that **You** were aware of at the **Commencement Date**.
4. loss if the **Property** is used for any purpose other than the **Insured Use**.

## Claims Conditions and How to Claim

1. **You** must:

i) give **Us** written notice as soon as possible of any potential or actual claim or any circumstances likely to result in a claim. Please provide the policy number, **Your** name, the full address of the **Property** and a brief description of the incident that has occurred. Notifications should be sent to: Speciality Lines Claims Team, Zurich Insurance, 8th Floor, 70 Mark Lane, London, EC3R 7NQ. Email: claims@uk.zurich.com, Enquiry line: telephone 0207 648 3523
ii) pass all court documents and/or other communications to **Us** as soon as possible after receipt
iii) not deal with, make any admission of liability or attempt to settle a claim without **Our** prior written agreement.
iv) agree to and carry out at **Our** expense all things necessary to minimise any loss.
v) provide all information and assistance that **We** may require to help defend and settle the claim.

2. **We** are entitled to:

i) decide how to settle or defend a claim and may carry out proceedings in the name of any person insured under this policy, including proceedings for recovering any claim.
ii) pay to **You** at any time, an amount equal to the **Limit of Indemnity** or any lower amount for which the claim can be settled, after deduction of any sum already paid. **We** may then give up control of and have no further liability in connection with the claim.

3. If **We** admit liability for a claim but there is a dispute as to the amount to be paid the dispute will be referred to an arbitrator. The arbitrator will be appointed jointly by **You** and **Us** in accordance with the law at the time. **You** may not take any legal action against **Us** over the dispute before the arbitrator has reached a decision.

4. If **You** or anyone acting on Your behalf:

a) makes a fraudulent or exaggerated claim under this policy; or
b) uses fraudulent means or devices including the submission of false or forged documents in support of a claim whether or not the claim is itself genuine; or
c) makes a false statement in support of a claim whether or not the claim is itself genuine; or
d) submits a claim under this policy for loss or damage which **You** or anyone acting on **Your** behalf or in connivance with **You** deliberately caused; or
e) realises after submitting what **You** reasonably believed was a genuine claim under this policy and then fails to tell **Us** that **You** have not suffered any loss or damage; or
f) suppresses information which **You** know would otherwise enable **Us** to refuse to pay a claim under this policy

**We** will be entitled to refuse to pay the whole of the claim and recover any sums that **We** have already paid in respect of the claim.

If any fraud is perpetrated by or on behalf of an insured person and not on behalf of **You** this condition should be read as if it applies only to that insured person's claim and references to this policy should be read as if they were references to the cover effected for that person alone and not to the policy as a whole.

5. If any claim is covered by any other insurance, **We** will not pay for more than **Our** share of that claim.

6. The most **We** will pay for any loss (or all losses in the aggregate), including costs and expenses agreed by **Us** is the **Limit of Indemnity**. Once **We** have paid a loss or losses equal to the amount of the **Limit of Indemnity, We** will have no further liability under this policy.

## General Conditions

1. Neither **You** (nor anyone acting on **Your** behalf) must disclose the existence of this policy to any other party except **Your** legal and other professional advisers, prospective purchasers, lessees and tenants of the **Property**, their respective mortgagees, legal and other professional advisers.

2. In the UK the law allows both **You** and **Us** to choose the law applicable to the contract. This contract will be subject to the relevant law of England and Wales, Scotland, Northern Ireland, the Isle of Man or the Channel Islands depending upon the Property address stated in the Schedule. If there is any dispute as to which law applies it will be English law. The parties agree to submit to the exclusive jurisdiction of the English courts.

3. Notwithstanding any other terms of this policy **We** will be deemed not to provide cover nor will **We** make any payment or provide any service or benefit to **You** or any other party to the extent that such cover, payment, service, benefit and/or any business or activity of **Yours** would violate any applicable trade or economic sanctions law or regulation.

## Cancellation Clause

If **You** have taken out this policy for purposes which are wholly or mainly unrelated to **Your** trade, business or profession, **You** may cancel this policy within 14 days of receiving the policy by writing to **Us** and in such event **We** may, at **Our** discretion, charge **You** for the time that **You** have been on cover. Any refund will be made to the party who paid the premium. If **You** do cancel, **You** may be in breach of the terms of **Your** mortgage or the terms of the contract for the sale of **Your** property. If **You** are in doubt, **You** may wish to seek legal advice prior to cancellation.

## Fair Processing and Complaints Procedure
## Our Complaints Procedure

**Our commitment to customer service**

We are committed to providing a high level of customer service. If you feel we have not delivered this, we would welcome the opportunity to put things right for you.

**Who to contact in the first instance**

Many concerns can be resolved straight away. Therefore in the first instance, please get in touch with your usual contact at Zurich or your broker or insurance intermediary, as they will generally be able to provide you with a prompt response to your satisfaction.

Contact details will be provided on correspondence that we or our representatives have sent you.

**Many complaints can be resolved within a few days of receipt**

If we can resolve your complaint to your satisfaction within the first few days of receipt, we will do so. Otherwise, we will keep you

updated with progress and will provide you with our decision as quickly as possible.

**Next steps if you are still unhappy**

If you are not happy with the outcome of your complaint, you may be able to ask the Financial Ombudsman Service to review your case.

We will let you know if we believe the ombudsman service can consider your complaint when we provide you with our decision. The service they provide is free and impartial, but you would need to contact them within 6 months of the date of our decision.

More information about the ombudsman and the type of complaints they can review is available via their website www.financial-ombudsman.org.uk.

You can also contact them as follows:

**Post**: Financial Ombudsman Service, Exchange Tower, London, E14 9SR
**Telephone**: 08000 234567 (free on mobile phones and landlines)
**Email**: complaint.info@financial-ombudsman.org.uk

If the Financial Ombudsman Service is unable to consider your complaint, you may wish to obtain advice from the Citizens Advice Bureau or seek legal advice.

**The Financial Services Compensation Scheme (FSCS)**

We are covered by the Financial Services Compensation Scheme (FSCS) which means that you may be entitled to compensation if we are unable to meet our obligations to you. Further information is available on www.fscs.org.uk or by contacting the FSCS directly on 0800 678 1100.

## How we use your information

**Who controls your personal information**

This notice tells you how Zurich Insurance plc ('Zurich'), as data controller, will deal with your personal information. Where Zurich introduces you to a company outside the group, that company will tell you how your personal information will be used.

You can ask for further information about our use of your personal information or complain about its use in the first instance, by contacting our Data Protection Officer at: Zurich Insurance Group, Tri-centre 1, Newbridge Square, Swindon, SN1 1HN or by emailing the Data Protection Officer at GBZ.General.Data.Protection@uk.zurich.com.

If you have any concerns regarding our processing of your personal information, or are not satisfied with our handling of any request by you in relation to your rights, you also have the right to make a complaint to the Information Commissioner's Office. Their address is: First Contact Team, Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, SK9 5AF.

**What personal information we collect about you**

We will collect and process the personal information that you give us by phone, e-mail, filling in forms, including on our website, and when you report a problem with our website. We also collect personal information from your appointed agent such as your trustee, broker, intermediary or financial adviser in order to provide you with the services you have requested and from other sources, such as credit reference agencies and other insurance companies, for verification purposes. We will also collect information you have volunteered to be in the public domain and other industry-wide sources. We will only collect personal information that we require to fulfil our contractual or legal requirements unless you consent to provide additional information. The type of personal information we will collect includes; basic personal information (i.e. name, address and date of birth), occupation and financial details, health and family information, claims and convictions information and where you have requested other individuals be included in the arrangement, personal information about those individuals.

If you give us personal information on other individuals, this will be used to provide you with a quotation and/or contract of insurance and/or provision of financial services. You agree you have their permission to do so. Except where you are managing the contract on another's behalf, please ensure that the individual knows how their personal information will be used by Zurich. More information about this can be found in the 'How we use your personal information' section.

**How we use your personal information**

We and our selected third parties will only collect and use your personal information (i) where the processing is necessary in connection with providing you with a quotation and/or contract of insurance and/or provision of financial services that you have requested; (ii) to meet our legal or regulatory obligations; or (iii) for our 'legitimate interests'. It is in our legitimate interests to collect

your personal information as it provides us with the information that we need to provide our services to you more effectively including providing you with information about our products and services. We will always ensure that we keep the amount of information collected and the extent of any processing to the absolute minimum to meet this legitimate interest. Examples of the purposes for which we will collect and use your personal information are:

1. to provide you with a quotation and/or contract of insurance;
2. to identify you when you contact us;
3. to deal with administration and assess claims;
4. to make and receive payments;
5. to obtain feedback on the service we provide to you;
6. to administer our site and for internal operations including troubleshooting, data analysis, testing, research, statistical and survey purposes;
7. for fraud prevention and detection purposes.

We will contact you to obtain consent prior to processing your personal information for any other purpose, including for the purposes of targeted marketing unless we already have consent to do so.

**Who we share your personal information with**

Where necessary, we will share the personal information you gave us for the purposes of providing you with the goods and services you requested with the types of organisations described below:

associated companies including reinsurers, suppliers and service providers;
introducers and professional advisers;
regulatory and legal bodies;
survey and research organisations;
credit reference agencies;
healthcare professionals, social and welfare organisations; and
other insurance companies

Or, in order to meet our legal or regulatory requirements, with the types of organisations described below:

regulatory and legal bodies;
central government or local councils;
law enforcement bodies, including investigators;
credit reference agencies; and
other insurance companies

**How we use your personal information for websites and email communications**

When you visit one of our websites we may collect information from you such as your email address or IP address. This helps us to track unique visits and monitor patterns of customer website traffic, such as who visits and why they visit.

We use cookies and/or pixel tags on some pages of our website. A cookie is a small text file sent to your computer. A pixel tag is an invisible tag placed on certain pages of our website but not on your computer. Pixel tags usually work together with cookies to assist us to provide you with a more tailored service. This allows us to monitor and improve our email communications and website. Useful information about cookies, including how to remove them, can be found on our websites.

**How we transfer your personal information to other countries**

Where we transfer your personal information to countries that are outside of the UK and the European Union (EU) we will ensure that it is protected and that the transfer is lawful. We will do this by ensuring that the personal information is given adequate safeguards by using 'standard contractual clauses' which have been adopted or approved by the UK and the EU, or other solutions that are in line with the requirements of European data protection laws.

A copy of our security measures for personal information transfers can be obtained from our Data Protection Officer at: Zurich Insurance Group, Tri-centre 1, Newbridge Square, Swindon, SN1 1HN, or by emailing the Data Protection Officer at GBZ.General.Data.Protection@uk.zurich.com.

**How long we keep your personal information for**

We will retain and process your personal information for as long as necessary to meet the purposes for which it was originally

collected. These periods of time are subject to legal, tax and regulatory requirements or to enable us to manage our business.

**Your data protection rights**

You have a number of rights under the data protection laws, namely:

to access your data (by way of a subject access request);
to have your data rectified if it is inaccurate or incomplete;
in certain circumstances, to have your data deleted or removed;
in certain circumstances, to restrict the processing of your data;
a right of data portability, namely to obtain and reuse your data for your own purposes across different services;
to object to direct marketing;
not to be subject to automated decision making (including profiling), where it produces a legal effect or a similarly significant effect on you;
to claim compensation for damages caused by a breach of the data protection legislation.
if we are processing your personal information with your consent, you have the right to withdraw your consent at any time.

We will, for the purposes of providing you with a contract of insurance, processing claims, reinsurance and targeted marketing, process your personal information by means of automated decision making and profiling where we have a legitimate interest or you have consented to this.

**What happens if you fail to provide your personal information to us**

If you do not provide us with your personal information, we will not be able to provide you with a contract or assess future claims for the service you have requested.

**Fraud prevention and detection**

In order to prevent and detect fraud we may at any time:

check your personal data against counter fraud systems
use your information to search against various publicly available and third party resources
use industry fraud tools including undertaking credit searches and to review your claims history
share information about you with other organisations including but not limited to the police, the Insurance Fraud Bureau (IFB), other insurers and other interested parties.

If you provide false or inaccurate information and fraud is identified, the matter will be investigated and appropriate action taken. This may result in your case being referred to the Insurance Fraud Enforcement Department (IFED) or other police forces and fraud prevention agencies. You may face fines or criminal prosecution. In addition, Zurich may register your name on the Insurance Fraud Register, an industry-wide fraud database.

**Claims history**

We may pass information relating to claims or potential claims to any relevant database. We and other insurers may search these databases when you apply for insurance, when claims or potential claims are notified to us or at time of renewal to validate your claims history or that of any other person or property likely to be involved in the policy or claim.

This helps to check information provided and prevent fraudulent claims.

## CON29M (2018) Commercial Coal Mining Search

# Passed

Search Acumen
The Maidstone Studios
New Cut Road Vinters Park
Maidstone
Kent ME14 5NZ

Mining Searches UK
Highburrow Lane
Wilson Way
Pool Industrial Estate
Redruth
Cornwall
TR15 3RN

T: 01209 218861
E: search@miningsearchesuk.com
W: www.miningsearchesuk.com

Date: July 17 2020
Our Reference: SO220192
Your Reference: 12534157

**LAND AT PLAS BUCKLEY NULL, BERSHAM, WREXHAM, LL14 4LW**

## OPINION

Mining Searches UK considers the property to be acceptably free from coal mining related risk.

No further action is required with regards to past coal mining.

## 1. PAST UNDERGROUND COAL MINING

The property lies within the potential zone of influence of recorded workings in 7 seam(s) of coal. The most recent underground working in the area was in 1972. These workings lie between approximately 35 and 350 metres below surface

## 2. PRESENT UNDERGROUND COAL MINING

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

## 3. FUTURE UNDERGROUND COAL MINING

The property does not lie within the boundary of an underground site for which a licence to remove coal by underground methods has been granted.

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. SHAFTS AND ADITS (MINE ENTRIES)

No coal mine entries are recorded to lie within 20 metres of the property.

## 5. COAL MINING GEOLOGY

No damage arising from geological faults or other lines of weakness activated by coal mining are recorded within the property.

## 6. PAST OPENCAST COAL MINING

The property is indicated to lie within the boundary of an opencast site from which coal was removed by opencast methods prior to the issue of licencing from the Coal Authority (pre-1994).

## 7. PRESENT OPENCAST COAL MINING

The property does not lie within, or within 200 metres of the boundary of current opencast site

## 8. FUTURE OPENCAST COAL MINING

The property does not lie within, or within 800 metres of the boundary of a future site for which a licence to remove coal by opencast methods has been granted.

## 9. COAL MINING SUBSIDENCE CLAIMS

Mining Searches UK have no evidence of a damage notice or subsidence claim for the property since 31st October 1994.

Mining Searches UK have no evidence of damage notices or subsidence claims within 50 meters of the property boundary since 31st October 1994.

There are no current Stop Notices delaying the start of remedial works or repairs to the property.

Records of damage notices or subsidence claims before 31st October 1994 are excluded from The Coal Authority data from which this search is compiled.

## 10. MINE GAS EMISSIONS

No mine gas emissions are recorded within the property.

## 11. EMERGENCY SURFACE HAZARD CALL OUT INCIDENTS

No Emergency Surface Hazard Call Out procedures are recorded against the property.

## 12. WITHDRAWAL OF SUPPORT

The property lies within an area where a notice of entitlement to withdraw support has been published. Notices were issued in 1946, 1967, 1974 and 1976.

## 13. WORKING FACILITIES ORDERS

The property is not in an area where a court order has been issued.

## 14. PAYMENTS TO OWNERS OF FORMER COPYHOLD LAND

The property does not lie within Former Copyhold Land.

## NOTES AND GUIDANCE

This search is based on, and limited to, the data supplied by the Coal Authority at the time of production.

These enquiries are the Law Society's CON29M Coal Mining search enquiries and are used with permission of the Law Society.

The Law Society's CON29M Coal Mining search enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London, WC2A 1PL.

The Law Society has no responsibility for information provided in response to CON29M Coal Mining search enquiries within this report or otherwise.

As with all mining records there is no guarantee or assurance of reliability or accuracy. Mining Searches UK cannot be held responsible for any omissions or errors in the information upon which our interpretation has been based.

Mining records vary in document age, reliability, reproduction, quality of the original record, the reason for the production of the original document, skill of the original surveyor and accounting for the accuracy of the available surveying equipment at the time of production. It must be accepted that the information is subject to interpretation. Alternative interpretations may be possible.

In any area, sporadic, un-surveyed and ancient mine workings can exist, and unrecorded mine workings can never be ruled out. Mining Searches UK cannot be held responsible for any settlement or subsidence problems as a result of a property being affected by unrecorded mining features.

If the property is subject to future development it would be prudent to seek appropriate technical advice concerning past coal mining activity before any works are undertaken.

The Coal Authority should be consulted before any work is undertaken that intersects, disturbs or in any other way interferes with any coal, coal mines or coal mine entries.

Developers should be aware that the investigation or disturbance of coal seams, coal mine entries or former coal mines has the potential to generate and/or displace underground gasses and these present a risk both under and adjacent to the development.

The Coal Authority should be consulted before any work is undertaken that intersects, disturbs or in any other way interferes with any coal, coal mines or coal mine entries.

Developers should be aware that the investigation or disturbance of coal seams, coal mine entries or former coal mines has the potential to generate and/or displace underground gasses and these present a risk both under and adjacent to the development.

If the property is subject to development, a suitable mining investigation may be required to satisfy planning or building regulation conditions. If development is being considered, contact Mining Searches UK for further advice.

This report is suitable for conveyancing purposes and is undertaken on behalf of the client, their mortgagees and legal advisers.

This mining search only considers the coal extraction risk. It is not considered to be an environmental, ecological, contaminated land, archaeological survey or natural ground hazard assessment.

Property owners have the benefit of statutory protection (under the Coal Mining Subsidence Act 1991). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage from disused coal mine workings including disused coal mine entries. A DTI leaflet setting out the rights and obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by telephoning 0845 762 6848.

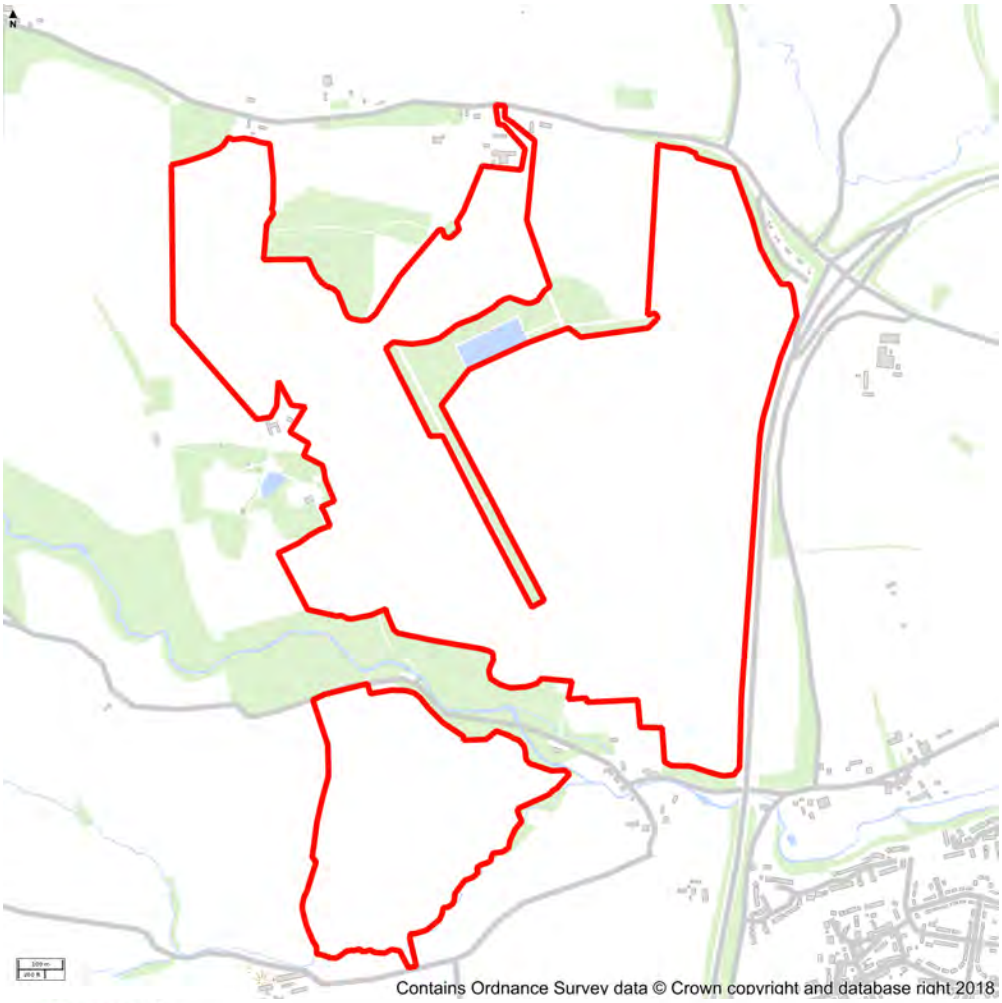
The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries).

The Coal Authority emergency telephone number at all times is 01623 646333

## SEARCH PLAN

**Address:**
LAND AT PLAS BUCKLEY NULL
BERSHAM
WREXHAM
LL14 4LW

**Search Information**
Reference: SO220192
Author: Benjamin Oldcorn
Date: 2020-07-17




**Legend:**

Property

**Coal Mining Data**

Subsidence claim
Indicated shallow underground coal workings
Recorded shallow underground coal workings
Coal crop

**Mine entries**

Adit
Shaft

**Background OS:**

Road
Building
Woodland
Landform

## CONSUMER INFORMATION WITH COMPLAINTS PROCEDURE

### IMPORTANT CONSUMER PROTECTION INFORMATION

This search has been produced by Cornwall Mining Services Limited, trading as Mining Searches UK, Highburrow Lane, Wilson Way, Pool Industrial Estate, Redruth, Cornwall, TR15 3RN, 01209 218861, search@miningsearchesuk.com which is registered with the Property Codes Compliance Board (PCCB) as a subscriber to the Search Code. The PCCB independently monitors how registered search firms maintain compliance with the Code.

The Search Code:

- provides protection for homebuyers, sellers, estate agents, conveyancers and mortgage lenders who rely on the information
- included in property search reports undertaken by subscribers on residential and commercial property within the United Kingdom
- sets out minimum standards which firms compiling and selling search reports have to meet
- promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals
- enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

The Code's core principles

Firms which subscribe to the Search Code will:

- display the Search Code logo prominently on their search reports
- act with integrity and carry out work with due skill, care and diligence
- at all times maintain adequate and appropriate insurance to protect consumers
- conduct business in an honest, fair and professional manner
- handle complaints speedily and fairly
- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

### COMPLAINTS

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Code.

**Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.**

**TPOs Contact Details:**

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk
You can get more information about the PCCB from www.propertycodes.org.uk.

**PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE COMPLAINTS PROCEDURE.**

If you want to make a complaint, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

Complaints should be sent to: Paul Raglan, Managing Director, Mining Searches UK, Highburrow Lane, Wilson Way, Pool Industrial Estate, Redruth, Cornwall, TR15 3RN, Tel: 01209 218861, Email: search@miningsearchesuk.com.

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk.

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision. Highburrow Lane, Wilson Way, Pool Industrial Estate, Redruth, Cornwall, TR15 3RN, 01209 218861, search@miningsearchesuk.com.

# Coal Mining Report Insurance Policy

## The Schedule

| | |
|---|---|
| **Policy Number:** | Z1810039 |
| **Premium:** | £1.40 inclusive of Insurance Premium Tax at 12% |
| **Property:** | The property which is the subject of the attached **Coal Mining Report** |
| **Limit of Indemnity:** | £100,000 increasing by 10% compound per annum on each anniversary of and for the first 10 years following the **Commencement Date** |
| **Commencement Date:** | |
| **You/Your:** | **1.** A purchaser of the **Property**<br>**2.** A lender providing a **Mortgage** in connection with a purchase of the **Property**<br>**3.** A lender providing a **Mortgage** by way of a re-mortgage of the **Property** |

### Definitions

Where a word is defined below or in the schedule it shall carry the same meaning wherever it appears in bold text in this policy.

| | |
|---|---|
| **Insured Use**: | The continued use of the **Property** as a single house or flat or a single commercial premises |
| **Market Value**: | the value as determined by a surveyor appointed by agreement between **You** and **Us** or (in default of agreement) the President for the time being of the Royal Institution of Chartered Surveyors. |
| **Mortgage**: | a mortgage or charge secured on the **Property** by an institutional mortgage lender. |
| **Coal Mining Report:** | the coal mining report attached to this policy |
| **Search:** | an official search comprising a search in form CON29M (or other officially substituted forms) being mining searches relating to coal and brine in the area in which the **Property** is situated. |

**We/Our/Us**: Zurich Insurance plc
A public limited company incorporated in Ireland. Registration No. 13460.
Registered Office: Zurich House, Ballsbridge Park, Dublin 4, Ireland.
UK Branch registered in England and Wales Registration No. BR7985.
UK Branch Head Office: The Zurich Centre, 3000 Parkway, Whiteley, Fareham, Hampshire PO15 7JZ.

Zurich Insurance plc is authorised by the Central Bank of Ireland and authorised and subject to limited regulation by the Financial Conduct Authority. Details about the extent of our authorisation by the Financial Conduct Authority are available from us on request. Our FCA Firm Reference Number is 203093.

Communications may be monitored or recorded to improve our service and for security and regulatory purposes.

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### Your Policy

This is a legal document and should be kept in a safe place.
This policy is an agreement between **You** and **Us** and cover is provided subject to the payment of the **Premium**.

**You** must read this policy and its conditions, exclusions, schedule and any endorsements as one contract. Please read all of them to make sure that they provide the cover **You** require. If they do not, please contact **Us** or **Your** insurance adviser who arranged the policy for **You**.
When **You** take out and make changes to the cover provided by this policy, **You** must take reasonable care to ensure that **You** accurately answer any questions which **We** ask of **You** and that any information **You** give **Us** is accurate. If **You** are taking out this policy for purposes which are mainly related to **Your** trade, business or profession, **You** must also let **Us** know about all facts which are material to **Our** decision to provide **You** with insurance. Failure to meet these obligations could result in this policy being invalidated, a claim not being paid, or an additional premium being charged.

**Fair presentation of the risk**

a) At inception of this policy and also whenever changes are made to it at **Your** request **You** must:
   i) where **You** have taken out this policy for purposes which are wholly or mainly related to **Your** trade, business or profession, disclose to **Us** all material facts in a clear and accessible manner and not misrepresent any material facts, and
   ii) where You have taken out this policy for purposes which are wholly or mainly unrelated to Your trade, business or profession, take reasonable care not to misrepresent any material facts.

b) If **You** do not comply with clause a) of this condition **We** may:
   i) avoid this policy which means that **We** will treat it as if it had never existed and refuse all claims where any non-disclosure or misrepresentation by **You** is proven by **Us** to be deliberate or reckless in which case **We** will not return the premium paid by **You**; and
   ii) recover from **You** any amount **We** have already paid for any claims including costs or expenses **We** have incurred.

c) If **You** do not comply with clause a) of this condition and the non-disclosure or misrepresentation is not deliberate or reckless this policy may be affected in one or more of the following ways depending on what **We** would have done if **We** had known about the facts which **You** failed to disclose or misrepresented:
   i) if **We** would not have provided **You** with any cover **We** will have the option to:
      1) avoid the policy which means that **We** will treat it as if it had never existed and repay the premium paid; and
      2) recover from **You** any amount **We** have already paid for any claims including costs or expenses **We** have incurred
   ii) if **We** would have applied different terms to the cover **We** will have the option to treat this policy as if those different terms apply. **We** may recover any payments made by **Us** on claims which have already been paid to the extent that such claims would not have been payable had such additional terms been applied
   iii) if **We** would have charged **You** a higher premium for providing the cover **We** will charge **You** the additional premium which **You** must pay in full.

d) If any insured person, other than **You,** is responsible for a misrepresentation or failure to make a fair presentation of the risk, **We** will invoke the remedies available to **Us** under this condition as against that particular person as if a separate insurance contract had been issued to them leaving the remainder of the policy unaffected.

**Cover**

1. **You** are in the process of purchasing the **Property** relying on the **Coal Mining Report** and/or
2. **You** (being a lender) have agreed to provide a **Mortgage** in connection with **Your** borrower's purchase or re-mortgage of the **Property** relying on the **Coal Mining Report**.

**We** will pay the following losses sustained by **You** arising out of the **Property** being affected by any matter which would have been revealed by a **Search** had one been carried out on the date of the **Coal Mining Report** but which was not revealed by the **Coal Mining Report**:

1. any reduction in **Market Value** of the **Property** calculated at the date **You** become aware of the matter(s) and/or loss in connection with a **Mortgage** as a result of such reduction.
2. all other costs and expenses including out of court settlement costs incurred by **Us** or by **You** with **Our** prior written agreement.

**Our Right to Cancel for Non Payment of Premium**

If the **Premium** due under this policy has not been paid in accordance with the premium payment and settlement terms notified to **You** or the insurance adviser who arranged the policy for **You We** will have the right to cancel this policy by notifying **You** in writing either directly or via such insurance adviser. In the event of cancellation, premium equal to 50% of the full policy

**Premium** will be due to **Us** for the period that **We** are on risk. However, in the event of a loss or occurrence prior to the date of termination which gives rise to a valid claim under this policy, the full policy **Premium** will be payable to **Us** and we will not pay any claims until the full policy **Premium** has been paid to **Us**.

**Waiver of Breach of Policy Condition**

**We** will not exercise **Our** right to avoid **Our** liability to **You** in respect of loss where **You** have inadvertently breached any term or condition of the policy provided that such breach does not prejudice **Our** rights and remedies under the policy or otherwise directly or indirectly result in or increase the amount of any loss.

**Protection for Mortgagees and Successors in Title**

**We** will not avoid **Our** liability to make a payment to **You** solely because another person breaches the terms and conditions of this policy, provided such breach was not committed on **Your** behalf or with **Your** agreement, and **We** will invoke the remedies available to **Us** under the Policy as against that other person as if a separate insurance contract had been issued to them leaving the remainder of the policy unaffected.

**Joint Insured**

Any party insured under this policy standing in the relation of parent company, subsidiary company, associated company, branch office or joint venture partner to each other will be deemed to be joint insured for the purposes of this policy and jointly liable and responsible for any breach of any terms and conditions of this policy. If there is any inconsistency between this clause and any other term of this policy, this clause shall prevail.

**Exclusions**

**We** will not pay for any:

1. amount in excess of the **Limit of Indemnity**.
2. loss which would be recoverable under a household buildings insurance policy.
3. loss arising from any matter that **You** were aware of at the **Commencement Date**.
4. loss if the **Property** is used for any purpose other than the **Insured Use**.

**Claims Conditions and How to Claim**

1. **You** must:
   i) give **Us** written notice as soon as possible of any potential or actual claim or any circumstances likely to result in a claim. Please provide the policy number, **Your** name, the full address of the **Property** and a brief description of the incident that has occurred. Notifications should be sent to: Speciality Lines Claims Team, Zurich Insurance, 8th Floor, 70 Mark Lane, London, EC3R 7NQ. Email: claims@uk.zurich.com, Enquiry line: telephone 0207 648 3523
   ii) pass all court documents and/or other communications to **Us** as soon as possible after receipt
   iii) not deal with, make any admission of liability or attempt to settle a claim without **Our** prior written agreement.
   iv) agree to and carry out at **Our** expense all things necessary to minimise any loss.
   v) provide all information and assistance that **We** may require to help defend and settle the claim.
2. **We** are entitled to:
   i) decide how to settle or defend a claim and may carry out proceedings in the name of any person insured under this policy, including proceedings for recovering any claim.
   ii) pay to **You** at any time, an amount equal to the **Limit of Indemnity** or any lower amount for which the claim can be settled, after deduction of any sum already paid. **We** may then give up control of and have no further liability in connection with the claim.
3. If **We** admit liability for a claim but there is a dispute as to the amount to be paid the dispute will be referred to an arbitrator. The arbitrator will be appointed jointly by **You** and **Us** in accordance with the law at the time. **You** may not take any legal action against **Us** over the dispute before the arbitrator has reached a decision.
4. If **You** or anyone acting on **Your** behalf:
   a) makes a fraudulent or exaggerated claim under this policy; or
   b) uses fraudulent means or devices including the submission of false or forged documents in support of a claim whether or not the claim is itself genuine; or
   c) makes a false statement in support of a claim whether or not the claim is itself genuine; or
   d) submits a claim under this policy for loss or damage which **You** or anyone acting on **Your** behalf or in connivance with **You** deliberately caused; or

e) realises after submitting what **You** reasonably believed was a genuine claim under this policy and then fails to tell **Us** that **You** have not suffered any loss or damage; or

f) suppresses information which **You** know would otherwise enable **Us** to refuse to pay a claim under this policy

**We** will be entitled to refuse to pay the whole of the claim and recover any sums that **We** have already paid in respect of the claim.

If any fraud is perpetrated by or on behalf of an insured person and not on behalf of **You** this condition should be read as if it applies only to that insured person's claim and references to this policy should be read as if they were references to the cover effected for that person alone and not to the policy as a whole.

5. If any claim is covered by any other insurance, **We** will not pay for more than **Our** share of that claim.
6. The most **We** will pay for any loss (or all losses in the aggregate), including costs and expenses agreed by **Us** is the **Limit of Indemnity**. Once **We** have paid a loss or losses equal to the amount of the **Limit of Indemnity**, **We** will have no further liability under this policy.

**General Conditions**

1. Neither **You** (nor anyone acting on **Your** behalf) must disclose the existence of this policy to any other party except **Your** legal and other professional advisers, prospective purchasers, lessees and tenants of the **Property**, their respective mortgagees, legal and other professional advisers.
2. In the UK the law allows both **You** and **Us** to choose the law applicable to the contract. This contract will be subject to the relevant law of England and Wales, Scotland, Northern Ireland, the Isle of Man or the Channel Islands depending upon the Property address stated in the Schedule. If there is any dispute as to which law applies it will be English law. The parties agree to submit to the exclusive jurisdiction of the English courts.
3. Notwithstanding any other terms of this policy **We** will be deemed not to provide cover nor will **We** make any payment or provide any service or benefit to **You** or any other party to the extent that such cover, payment, service, benefit and/or any business or activity of **Yours** would violate any applicable trade or economic sanctions law or regulation.

**Cancellation Clause**

If **You** have taken out this policy for purposes which are wholly or mainly unrelated to **Your** trade, business or profession, **You** may cancel this policy within 14 days of receiving the policy by writing to **Us** and in such event **We** may, at **Our** discretion, charge **You** for the time that **You** have been on cover. Any refund will be made to the party who paid the premium. If **You** do cancel, **You** may be in breach of the terms of **Your** mortgage or the terms of the contract for the sale of **Your** property. If **You** are in doubt, **You** may wish to seek legal advice prior to cancellation.

## Fair Processing and Complaints Procedure

**Our Complaints Procedure**

**Our commitment to customer service**

We are committed to providing a high level of customer service. If you feel we have not delivered this, we would welcome the opportunity to put things right for you.

**Who to contact in the first instance**

Many concerns can be resolved straight away. Therefore in the first instance, please get in touch with your usual contact at Zurich or your broker or insurance intermediary, as they will generally be able to provide you with a prompt response to your satisfaction.

Contact details will be provided on correspondence that we or our representatives have sent you.

**Many complaints can be resolved within a few days of receipt**
If we can resolve your complaint to your satisfaction within the first few days of receipt, we will do so. Otherwise, we will keep you updated with progress and will provide you with our decision as quickly as possible.

**Next steps if you are still unhappy**

If you are not happy with the outcome of your complaint, you may be able to ask the Financial Ombudsman Service to review your case.

We will let you know if we believe the ombudsman service can consider your complaint when we provide you with our decision. The service they provide is free and impartial, but you would need to contact them within 6 months of the date of our decision.

More information about the ombudsman and the type of complaints they can review is available via their website www.financial-ombudsman.org.uk.

You can also contact them as follows:
**Post**: Financial Ombudsman Service, Exchange Tower, London, E14 9SR
**Telephone**: 08000 234567 (free on mobile phones and landlines)
**Email**: complaint.info@financial-ombudsman.org.uk

If the Financial Ombudsman Service is unable to consider your complaint, you may wish to obtain advice from the Citizens Advice Bureau or seek legal advice.

**The Financial Services Compensation Scheme (FSCS)**
We are covered by the Financial Services Compensation Scheme (FSCS) which means that you may be entitled to compensation if we are unable to meet our obligations to you. Further information is available on www.fscs.org.uk or by contacting the FSCS directly on 0800 678 1100.

## How we use your information

**Who controls your personal information**

This notice tells you how Zurich Insurance plc ('Zurich'), as data controller, will deal with your personal information. Where Zurich introduces you to a company outside the group, that company will tell you how your personal information will be used.

You can ask for further information about our use of your personal information or complain about its use in the first instance, by contacting our Data Protection Officer at: Zurich Insurance Group, Tri-centre 1, Newbridge Square, Swindon, SN1 1HN or by emailing the Data Protection Officer at GBZ.General.Data.Protection@uk.zurich.com.

If you have any concerns regarding our processing of your personal information, or are not satisfied with our handling of any request by you in relation to your rights, you also have the right to make a complaint to the Information Commissioner's Office. Their address is: First Contact Team, Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, SK9 5AF.

**What personal information we collect about you**

We will collect and process the personal information that you give us by phone, e-mail, filling in forms, including on our website, and when you report a problem with our website. We also collect personal information from your appointed agent such as your trustee, broker, intermediary or financial adviser in order to provide you with the services you have requested and from other sources, such as credit reference agencies and other insurance companies, for verification purposes. We will also collect information you have volunteered to be in the public domain and other industry-wide sources.
We will only collect personal information that we require to fulfil our contractual or legal requirements unless you consent to provide additional information. The type of personal information we will collect includes; basic personal information (i.e. name, address and date of birth), occupation and financial details, health and family information, claims and convictions information and where you have requested other individuals be included in the arrangement, personal information about those individuals.

If you give us personal information on other individuals, this will be used to provide you with a quotation and/or contract of insurance and/or provision of financial services. You agree you have their permission to do so. Except where you are managing the contract on another's behalf, please ensure that the individual knows how their personal information will be used by Zurich. More information about this can be found in the 'How we use your personal information' section.

**How we use your personal information**

We and our selected third parties will only collect and use your personal information (i) where the processing is necessary in connection with providing you with a quotation and/or contract of insurance and/or provision of financial services that you have requested; (ii) to meet our legal or regulatory obligations; or (iii) for our "legitimate interests". It is in our legitimate interests to collect your personal information as it provides us with the information that we need to provide our services to you more effectively including providing you with information about our products and services. We will always ensure that

we keep the amount of information collected and the extent of any processing to the absolute minimum to meet this legitimate interest. Examples of the purposes for which we will collect and use your personal information are:

1. to provide you with a quotation and/or contract of insurance;
2. to identify you when you contact us;
3. to deal with administration and assess claims;
4. to make and receive payments;
5. to obtain feedback on the service we provide to you;
6. to administer our site and for internal operations including troubleshooting, data analysis, testing, research, statistical and survey purposes;
7. for fraud prevention and detection purposes.

We will contact you to obtain consent prior to processing your personal information for any other purpose, including for the purposes of targeted marketing unless we already have consent to do so.

**Who we share your personal information with**

Where necessary, we will share the personal information you gave us for the purposes of providing you with the goods and services you requested with the types of organisations described below:

- associated companies including reinsurers, suppliers and service providers;
- introducers and professional advisers;
- regulatory and legal bodies;
- survey and research organisations;
- credit reference agencies;
- healthcare professionals, social and welfare organisations; and
- other insurance companies

Or, in order to meet our legal or regulatory requirements, with the types of organisations described below:

- regulatory and legal bodies;
- central government or local councils;
- law enforcement bodies, including investigators;
- credit reference agencies; and
- other insurance companies

**How we use your personal information for websites and email communications**

When you visit one of our websites we may collect information from you such as your email address or IP address. This helps us to track unique visits and monitor patterns of customer website traffic, such as who visits and why they visit.

We use cookies and/or pixel tags on some pages of our website. A cookie is a small text file sent to your computer. A pixel tag is an invisible tag placed on certain pages of our website but not on your computer. Pixel tags usually work together with cookies to assist us to provide you with a more tailored service. This allows us to monitor and improve our email communications and website. Useful information about cookies, including how to remove them, can be found on our websites.

**How we transfer your personal information to other countries**

Where we transfer your personal information to countries that are outside of the UK and the European Union (EU) we will ensure that it is protected and that the transfer is lawful. We will do this by ensuring that the personal information is given adequate safeguards by using 'standard contractual clauses' which have been adopted or approved by the UK and the EU, or other solutions that are in line with the requirements of European data protection laws.

A copy of our security measures for personal information transfers can be obtained from our Data Protection Officer at: Zurich Insurance Group, Tri-centre 1, Newbridge Square, Swindon, SN1 1HN, or by emailing the Data Protection Officer at GBZ.General.Data.Protection@uk.zurich.com.

**How long we keep your personal information for**

We will retain and process your personal information for as long as necessary to meet the purposes for which it was originally collected. These periods of time are subject to legal, tax and regulatory requirements or to enable us to manage our business.

**Your data protection rights**

You have a number of rights under the data protection laws, namely:

- to access your data (by way of a subject access request);
- to have your data rectified if it is inaccurate or incomplete;
- in certain circumstances, to have your data deleted or removed;
- in certain circumstances, to restrict the processing of your data;
- a right of data portability, namely to obtain and reuse your data for your own purposes across different services;
- to object to direct marketing;
- not to be subject to automated decision making (including profiling), where it produces a legal effect or a similarly significant effect on you;
- to claim compensation for damages caused by a breach of the data protection legislation.
- if we are processing your personal information with your consent, you have the right to withdraw your consent at any time.

We will, for the purposes of providing you with a contract of insurance, processing claims, reinsurance and targeted marketing, process your personal information by means of automated decision making and profiling where we have a legitimate interest or you have consented to this.

**What happens if you fail to provide your personal information to us**

If you do not provide us with your personal information, we will not be able to provide you with a contract or assess future claims for the service you have requested.

**Fraud prevention and detection**

In order to prevent and detect fraud we may at any time:

- check your personal data against counter fraud systems
- use your information to search against various publicly available and third party resources
- use industry fraud tools including undertaking credit searches and to review your claims history
- share information about you with other organisations including but not limited to the police, the Insurance Fraud Bureau (IFB), other insurers and other interested parties.

If you provide false or inaccurate information and fraud is identified, the matter will be investigated and appropriate action taken. This may result in your case being referred to the Insurance Fraud Enforcement Department (IFED) or other police forces and fraud prevention agencies. You may face fines or criminal prosecution. In addition, Zurich may register your name on the Insurance Fraud Register, an industry-wide fraud database.

**Claims history**
We may pass information relating to claims or potential claims to any relevant database.
We and other insurers may search these databases when you apply for insurance, when claims or potential claims are notified to us or at time of renewal to validate your claims history or that of any other person or property likely to be involved in the policy or claim.

This helps to check information provided and prevent fraudulent claims.

# Appendix F
# GENERAL NOTES

# General Notes

## RPS Consulting Services Ltd

### *Phase 1 - Environmental Risk Assessment / Desk Study Environmental Review*

1. A "desk study" means that no site visits have been carried out as any part thereof, unless otherwise specified.
1. This report provides available factual data for the site obtained only from the sources described in the text and related to the site on the basis of the location information provided by the Client.
2. The desk study information is not necessarily exhaustive and further information relevant to the site may be available from other sources.
3. The accuracy of maps cannot be guaranteed and it should be recognised that different conditions on site may have existed between and subsequent to the various map surveys.
4. No sampling or analysis has been undertaken in relation to this desk study.
5. Any borehole data from British Geological Survey sources is included on the basis that: "The British Geological Survey accept no responsibility for omissions or misinterpretation of the data from their Data Bank as this may be old or obtained from non-BGS sources and may not represent current interpretation".
6. Where any data supplied by the Client or from other sources, including that from previous site investigations, have been used it has been assumed that the information is correct. No responsibility can be accepted by RPS for inaccuracies in the data supplied by any other party.
7. This report is prepared and written in the context of an agreed scope of work and should not be used in a different context. Furthermore, new information, improved practices and changes in legislation may necessitate a re-interpretation of the report in whole or in part after its original submission.
8. The copyright in the written materials shall remain the property of the RPS Company but with a royalty-free perpetual licence to the Client deemed to be granted on payment in full to the RPS Company by the Client of the outstanding amounts.
9. The report is provided for sole use by the Client and is confidential to them, their professional advisors, no responsibility whatsoever for the contents of the report will be accepted to any person other than the Client. [Unless otherwise agreed]
10. These terms apply in addition to the RPS "Standard Terms & Conditions" (or in addition to another written contract which may be in place instead thereof) unless specifically agreed in writing. (In the event of a conflict between these terms and the said Standard Terms & Conditions the said Standard Terms & Conditions shall prevail.) In the absence of such a written contract the Standard Terms & Conditions will apply.