

COAL MINING RISK ASSESSMENT

for

GELLIARGWELLT FARM, GELLIGAER, HENGOED

Prepared for:-

BRYN QUARRY

Submitted by:-

JPCE

(John Perkins Consulting Engineers)

Bronhaul Abernant Road

Aberdare

Mid-Glamorgan

CF44 0PY

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1. INTRODUCTION

1.1. General

Bryn Quarry (the Client) have appointed JPCE to provide a Coal Mining Risk Assessment in support of the Planning Applications reference 11/0226/full and 11/0224/full associated with the proposed construction of a Materials Recycling Facility, Anaerobic Digester and the extension to the existing sandstone quarry

Bryn Quarry is located off the B4254, from Nelson to Gelligaer, approximately 1.5km to the east of the village of Trelewis. (NGR ST 122 969). A Site Location Plan is presented as Figure 1.

1.2. Purpose of the Coal Mining Risk Assessment

The purpose and scope of this Coal Mining Risk Assessment is to:

- Review up to date site specific information;
- Identify and assess the risks to the proposed development;
- Set out the mitigation strategy and how coal mining legacy has influenced the development;
- Demonstrate to the Local Planning Authority (LPA) that the site is or can be made safe and stable.

1.3. Sources of information used to inform the report

An attempt has been made to identify any mining operations past and present that have taken place in the vicinity (min. 500m) of the site. The sources of information referenced in this report:

- Coal Authority Mining Report (reference 00033678-11, dated 05 May 2011);
- EnviroCheck historical mapping data (at 1:25,000 and 1:10,000) supplied by Landmark (reference 36083971_1_1);
- Geology maps (at 1:10,000) supplied by Landmark (reference 36083971_1_1);
- British Geological Society geological map (British Geological Society, Sheet 249 “Newport”, Solid edition at 1:50,000).

The opinions expressed in this report and the comments and recommendations given, are based on the information obtained from the desk assessment. No intrusive investigations have been undertaken to confirm the actual ground conditions.

The information, views and conclusions drawn concerning the site are based, in part, on information supplied to JPCE by other parties. JPCE has proceeded in good faith on the assumption that this information is accurate. JPCE accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to JPCE from others.

Any risks identified in this desk study are perceived risks, based on the information reviewed; actual risks can only be assessed following a physical investigation on site.

2. IDENTIFICATION AND ASSESSMENT SITE SPECIFIC RISKS

2.1. Site specific information

We summarise the information collated in preparing this report, which we believe is relevant to the conclusions contained in this report.

2.1.1 *Coal Authority Mining Report*

A brief mining report provided by the Coal Authority is presented in Appendix B. This report indicates that the site lies within the likely zone of influence on the surface from workings in a number of both shallow and deep coal seams up to 840m depth, the last date of working being 1991. According to the report, ground movement resulting from these past workings should now have ceased.

Coal seams also existed close to the surface that were worked within the past 40 years, the approximate extent of those workings are shown on the attached drawings.

Reserves of coal still exist in the area, which could potentially be worked in the future.

The Coal Authority has no records of any evidence or damage arising from any geological faults or lines of weakness that having been affected by mining.

2.1.2 *EnviroCheck historical mapping data*

The historical maps support the Coal Authority records regarding opencast coal mining taking place within the application area. The 1:10,000 scale maps show the workings to the south of the farmhouse between the years 1965-1990.

The extent of the workings as deduced from the above maps is shown shaded light blue on Figure 2.

As is usual with opencast mining it is suggested that all of the commercially extractable coal as well as the voids created in the course of deep mining will have been removed and treated, during the opencast mining.

To the north of the fault line only 2 shafts are indicated on the historical mapping. The positions of which are shown on Figure 2. The descriptions on the maps are shown to be “Trial Shafts (Coal)”, thus indicating that they probably did not provide working access to any underlying coal seams.

2.1.3 *Geology maps*

The site is bisected by a recorded geological fault, the “Gelligaer Fault”; this fault line is recorded as running roughly north-west to south-east to the south of the Gelliargwellt Farmhouse. The geological maps show a down-throw of the geology to the south. An inspection of the locations of the recorded shafts and levels indicate that most of the shafts and levels are to the south of the fault. It is deduced therefore that the productive coal seams are closer to the ground surface to the south of the fault.

2.2. Assessment of how the risks affect the proposed developments

Since the opencast operations ceased, large areas of the proposed development area have been the subject of a land-raise filling operation as detailed in previous successful planning applications. The effects of this are to have provided a surcharge to all of the opencast backfill, thus ensuring that significant consolidation of the backfill will have taken place. This will lead to the risks of instability reducing, leading to a more robust construction.

3. MITIGATION STRATEGY

3.1. How the risks have influenced the proposed development

It is considered that the risks to the development as a result of the existing below ground conditions are in the 'Low' category.

3.2. Proposed mitigation strategy

Before future development takes place, as part of the design process, a Site Investigation programme will be designed to prove the correctness of this report and to assist in the design process.

It is likely that all foundations for the proposed structures will be designed to accommodate any potential movement associated with any future possible collapse of past underground workings.

3.3. Identify whether Coal Authority Permission will be required

It is submitted that Coal Authority permission will not be required as the application area does not lie within areas where the Authority is considering granting licences for coal extraction either by underground or surface extraction methods.

4. CONCLUSION

- 4.1.** There are numerous instances of underground mining as well as chartered, but not fully recorded mine entries in and around the application site.
- 4.2.** Many of these entries are historical, apparently shallow but with no detailed records of the extent, if any, of workings leading from the shafts.
- 4.3.** The majority of the immediate movement should have occurred within a reasonable timeframe following the withdrawal of support provided at the time of coal extraction. However, there may be some further limited residual movements possible within the geological structure of the area which are not fully identified at this stage.
- 4.4.** As such it would be prudent to design foundations for structures to accommodate any future movement that may occur.
- 4.5.** It is noted that the foundations for the existing IVC building were designed to act as a raft foundation thus accommodating movement, should any occur.
- 4.6.** A similar approach is anticipated for the new development at the site although such details are capable of being adequately controlled by means of a suitable worded condition attached to any forthcoming consent for the site. In addition, any new development will also be required to satisfy development under the Building Regulations Act. This will further serve to control the engineering and foundation details to ensure their appropriateness for the ground conditions at the site.

Report Prepared by

B M Jones BSc. MSc FGS

Report Reviewed by

J R Perkins BSc. C.Eng MICE

17 September 2011.

FIGURES



THE SITE

REV	DATE	AMENDMENT

J P C E

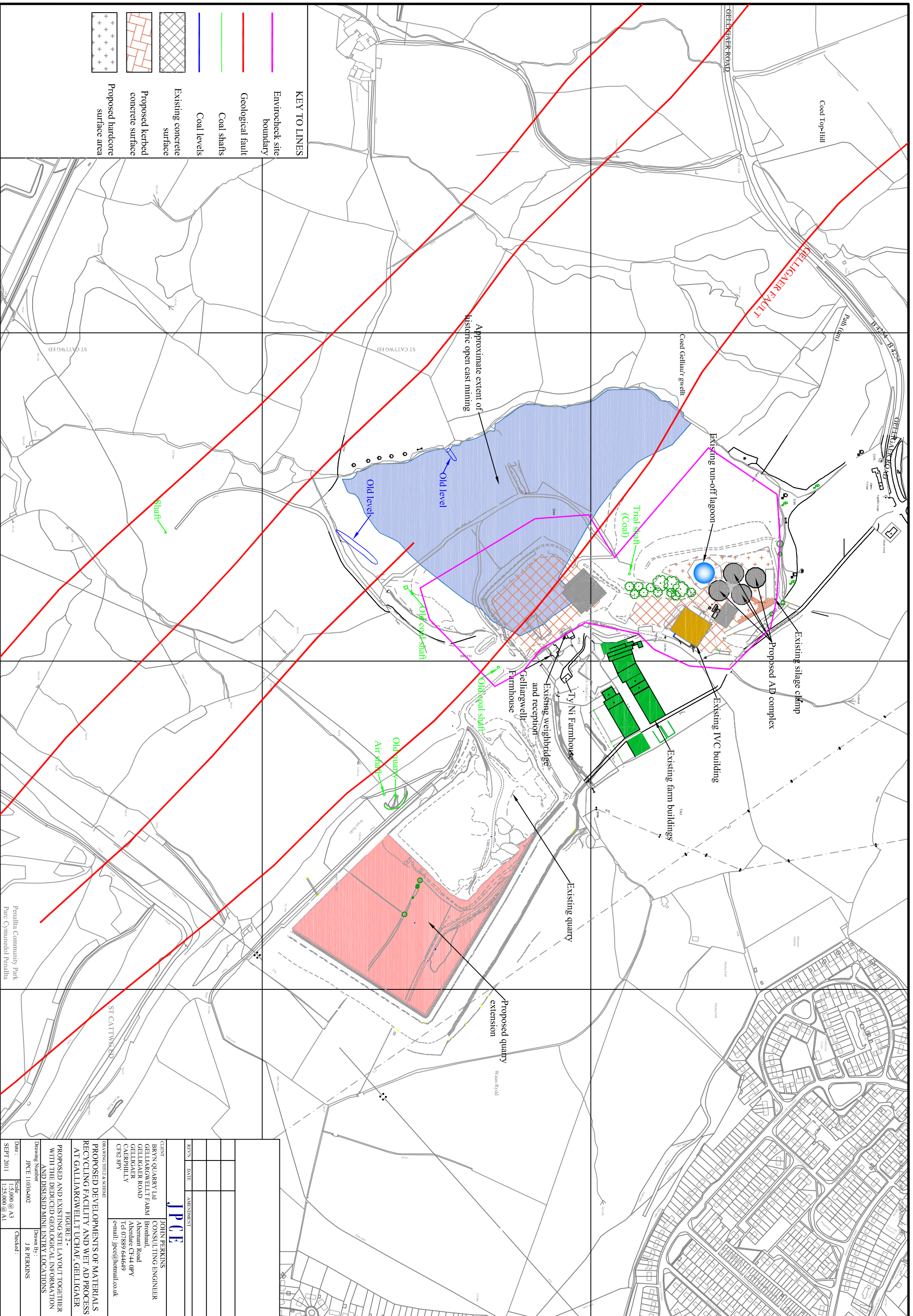
CLIENT Bryn Quarry Ltd Gelliargwellt Farm Gelliarg Road Gelliarg CF82 8PY	JOHN PERKINS CONSULTING ENGINEER Bronhaul, Abernant Road Aberdare CF44 0PY Tel 07889 644649 e-mail jpce@hotmail.co.uk
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DRAWING TITLE & SCHEME
 PROPOSED DEVELOPMENTS OF
 MATERIALS RECYCLING FACILITY
 AND WET AD PROCESS AT
 GELLIARGWELLT UCHAF, GELLIARG

FIGURE 1 - SITE LOCATION PLAN

Drawing Number JPCE 11030-001	Drawn By : B JONES
Date : SEPT 2011	Scale 1:50,000 @ A4
Checked : J R PERKINS	

Appendix A
ENVIROCHECK INCLUDING HISTORICAL ORDNANCE SURVEY MAPS



REV	DATE	AMENDMENT

CLIENT
 BRYN QUARRY Ltd
 GELLARGWELT FARM
 GELIGAER ROAD
 CAERPHILLY
 CF82 8PY

**JOHN PERKINS
 CONSULTING ENGINEER**
 Bronnant Road
 Abernart Road
 Tel 07889 644649
 e-mail: jperce@johnm.co.uk

DRAWING TITLE & SCHEME
FIGURE 2 -
PROPOSED AND EXISTING SITE LAYOUT TOGETHER WITH THE DEDUCED GEOLOGICAL INFORMATION AND DISUSED MINE ENTRY LOCATIONS AT GALLIARGWELT UCHAF, GELIGAER

Date: 14/09/2011
 Scale: 1:25,000 @ A3
 Drawing Number: JFCE 1103d002
 Drawn By: J R PERKINS
 Checked: J R PERKINS

Appendix B
COAL AUTHORITY MINING REPORT

Issued by:

The Coal Authority, Mining Reports Office, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire NG18 4RG
ON-Line Service: www.groundstability.com - Phone: 0845 762 6848 - DX 716176 MANSFIELD 5

MARK ROBERTS,
RPS PLANNING,
PARK HOUSE,
GREYFRIARS ROAD,
CARDIFF,
CF10 3AF

Person dealing with this matter: **Louise Tipper**
Our reference: **00033678-11**
Your reference: **JCC8026**
Electronic Ref:
RRUID: **007.00030339550001**
Date of your enquiry: **05 May 2011**
Date we received your enquiry: **05 May 2011**
Date of issue: **06 June 2011**

This report is for the property described in the address below and the attached plan.

Non-Residential Coal and Brine Report

Gelliargwellt Farm, Gelligaer, Hengoed, Mid Glamorgan

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	Yes
Brine Compensation District	No

Information from the Coal Authority

Underground Coal Mining

Past

The property is in the likely zone of influence from workings in 9 seams of coal at shallow to 840m depth, and last worked in 1991.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove coal using underground methods.

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The property is not in an area that is likely to be affected at the surface from any planned future workings.

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

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

Within, or within 20 metres of, the boundary of the property there are 16 mine entries, the approximate positions of which are shown on the attached plan.

Coal Authority records disclose the following information:

312196-018. No treatment details.

312196-016. No treatment details.

312196-023. No treatment details.

312196-021. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-017. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-014. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-011. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-007. No treatment details.

312196-004. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-003. No treatment details.

312196-009. No treatment details.

312196-022. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-015. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-008. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-020. This mine entry may have been partially or wholly excavated during past opencast mining

.

312196-010. This mine entry may have been partially or wholly excavated during past opencast mining

.

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

Coal-mining geology

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

Opencast Coal Mining

Past

The property is within the boundary of an opencast site from which coal has been removed by opencast methods.

Present

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

Future

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

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

Coal-mining subsidence

A damage notice or claim for alleged subsidence damage was given, made or pursued in December 1995. However, the claim was rejected.

A damage notice or claim for alleged subsidence damage was given, made or pursued in May 1994. However, the claim was rejected.

A damage notice or claim for alleged subsidence damage was given, made or pursued in June 1993. The claim was discharged by repair.

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

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

If further subsidence damage claims information is required in addition to that provided in this report, the Authority need to manually search their records. Such further enquiries should be made under separate cover to The Coal Authority, Claims History Service at the above address or by telephone. Payment to be made by credit or debit card or can be charged to your monthly account if applicable. Alternatively, it may be that such information can be obtained by directing further enquiries to the present owner.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

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

Withdrawal of Support

The property is in an area for which notices of entitlement to withdraw support were published in 1976,1986.

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

Working Facilities Orders

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

Payments to Owners of Former Copyhold Land

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

Comments on Coal Authority information

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

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

The attached plan shows the approximate location of the disused mine entry/entries referred to in this report. For reasons of clarity, mine entry symbols may not be drawn to the same scale as the plan. 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 the obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by telephoning 0845 762 6848 or online at www.coal.gov.uk/services/subsidence. If you wish to discuss the relevance of any of the information contained in this report you should seek the advice of a qualified mining engineer or surveyor. If you or your adviser wish to examine the source plans from which the information has been taken these are normally available at our Mansfield office, free of charge, by prior appointment, telephone 01623 637233. Should you or your adviser wish to carry out any physical investigations that may enter, disturb or interfere with any disused mine entry the prior permission of the owner must be sought. For coal mine entries the owner will normally be the Coal Authority.

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). Our emergency telephone number at all times is 01623 646333.

*Note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional remarks

This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions 2006. The report is compliant with Home Information Pack requirements.

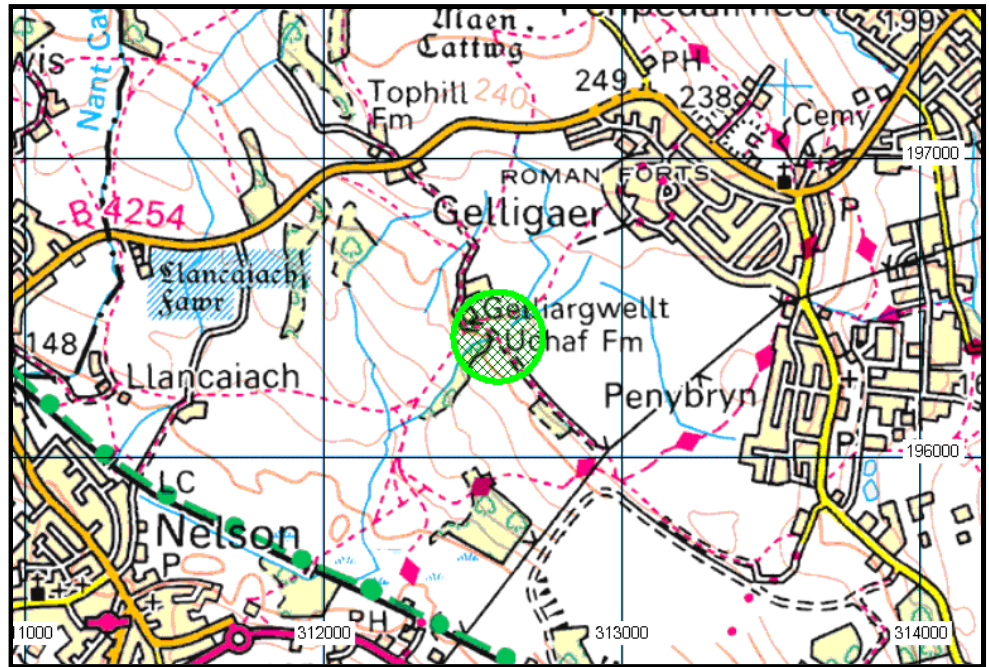
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Issued by:	The Coal Authority, 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG
Date:	06 Jun 2011
Coal and Brine Report at:	Gelliargwellt Farm, Gelligaer, Hengoed, Mid Glamorgan
Reference number:	00033678-11
Cost:	£128.00
Plus VAT:	£25.60
Total received:	£153.60
VAT registration number:	598 5850 68

Location map



Approximate position of property



Enquiry boundary

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Key

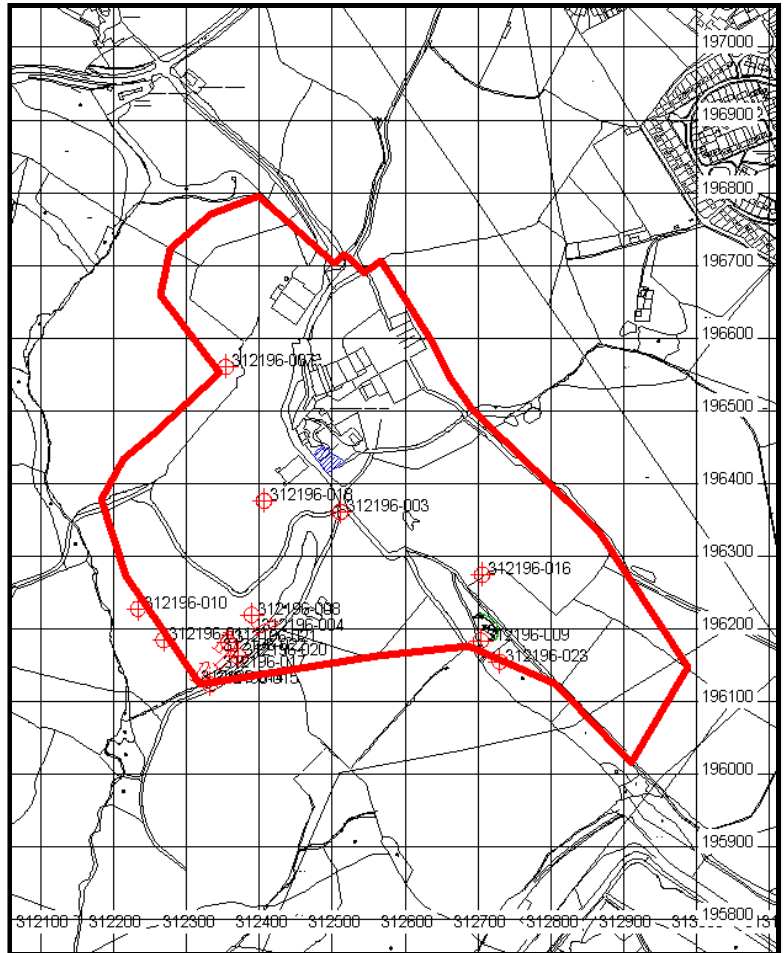
Approximate position of enquiry boundary shown



Coal Authority mining subsidence claim boundary shown



Disused Adit or Mineshaft



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325 9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
Co. Burgh Bdy.
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl** **Sluice**
F.P. **Foot Path** **Sp.** **Spring**
G.P. **Guide Post or Board** **T.C.B.** **Telephone Call Box**
M.S. **Mile Stone** **Tr.** **Trough**
M.P.M.R. **Mooring Post or Ring** **W** **Well**

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

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

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

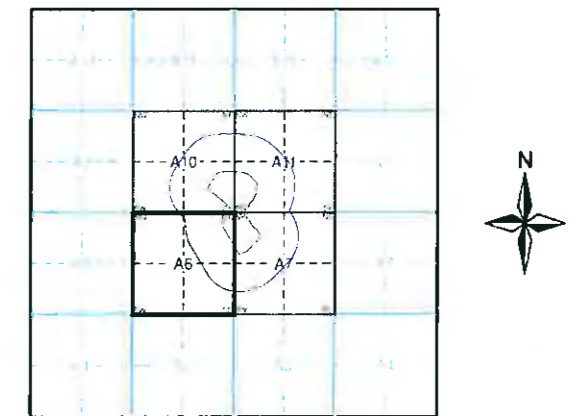
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds**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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1875 - 1877	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1981	5
Ordnance Survey Plan	1:2,500	1969 - 1971	6
Additional SIMs	1:2,500	1977 - 1990	7
Additional SIMs	1:2,500	1985 - 1987	8
Additional SIMs	1:2,500	1990 - 1992	9
Ordnance Survey Plan	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1993	11
Large-Scale National Grid Data	1:2,500	1993	12
Large-Scale National Grid Data	1:2,500	1996	13
Large-Scale National Grid Data	1:2,500	1996	14

Historical Map - Segment A6



Order Details

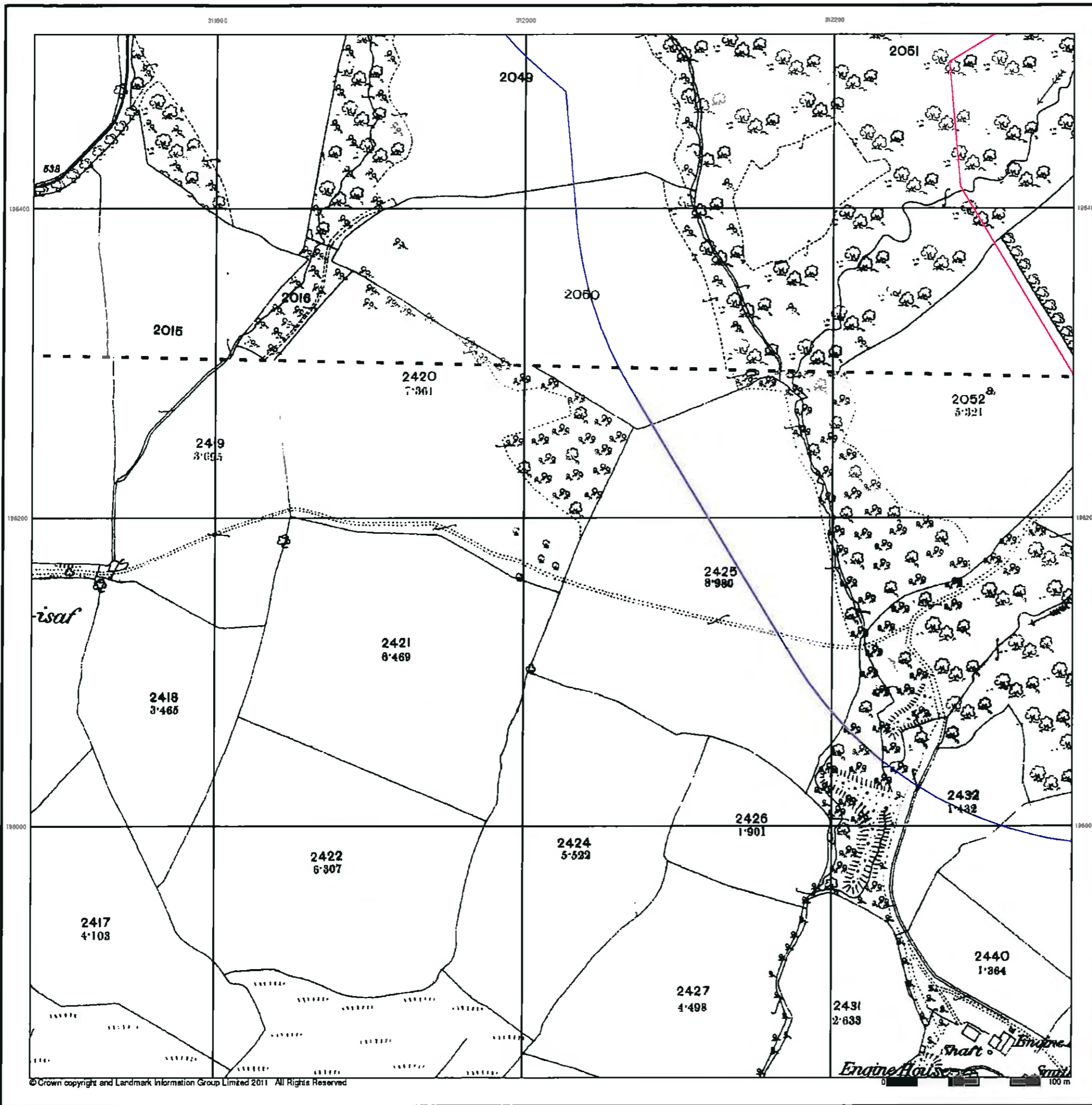
Order Number: 36083971_1_1
Customer Ref: Bryn Q
National Grid Reference: 312380, 196540
Slice: A
Site Area (Ha): 10.87
Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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



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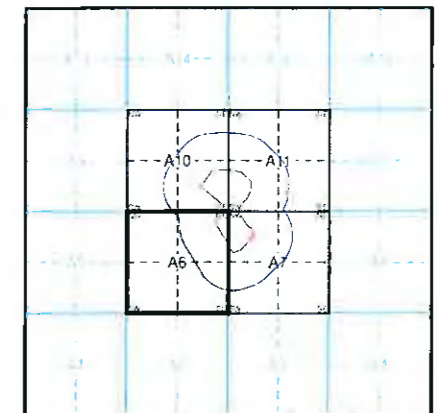
Glamorganshire
Published 1875 - 1877
Source map scale - 1:2,500

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)

019_12	1875	1:2,500
019_16	1877	1:2,500

Historical Map - Segment A6



Order Details

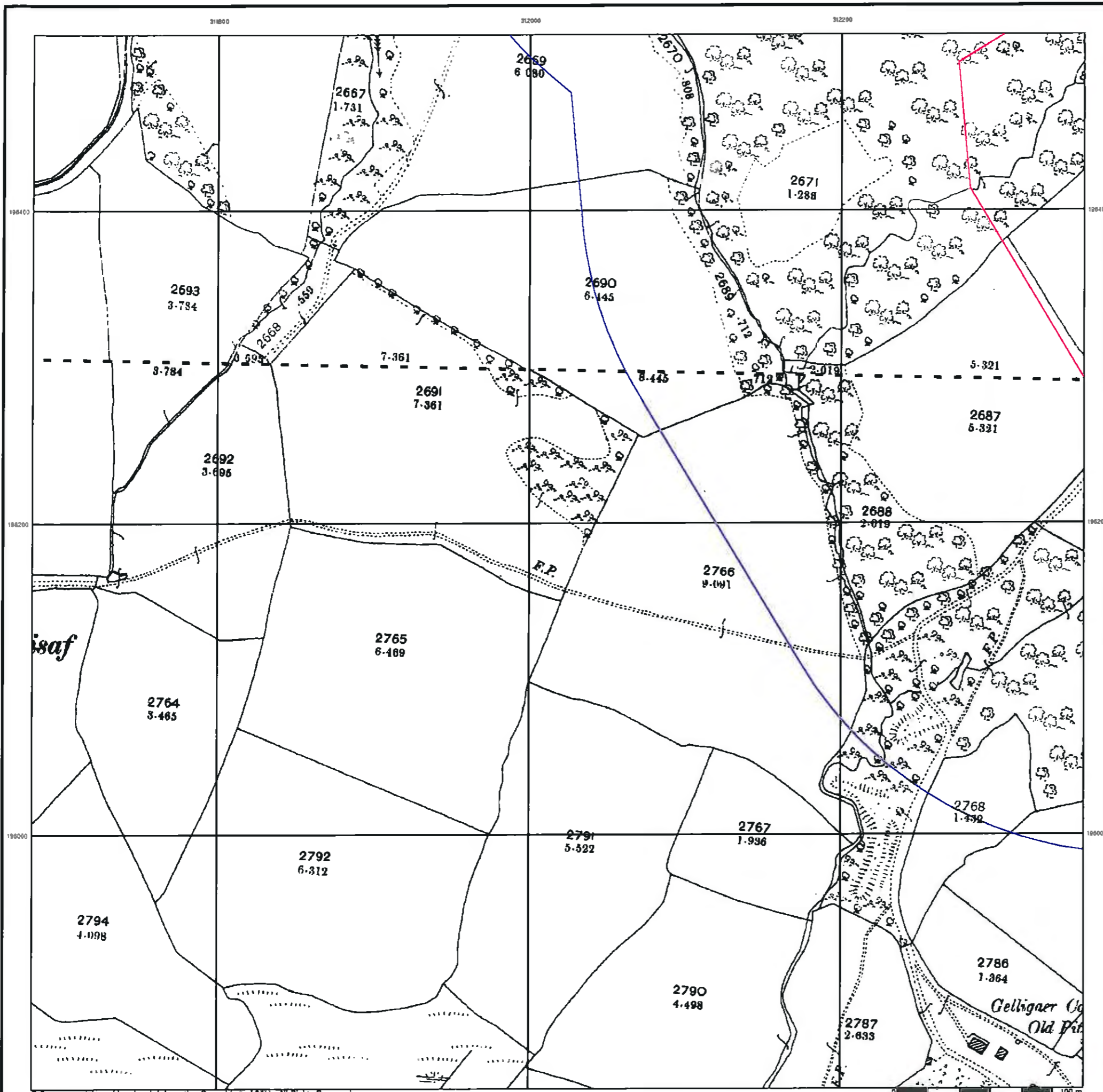
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



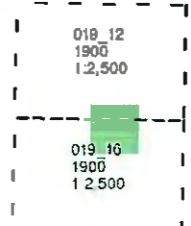
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



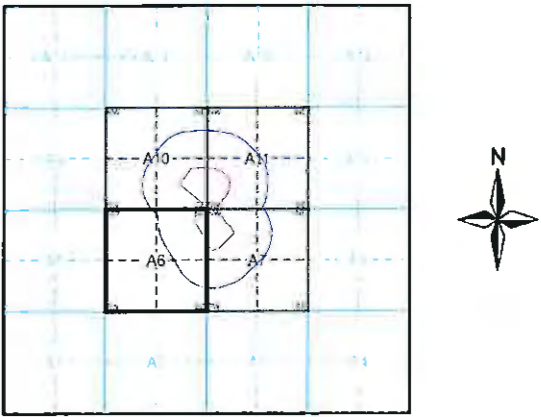
Glamorganshire
Published 1900
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1838, 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 A6



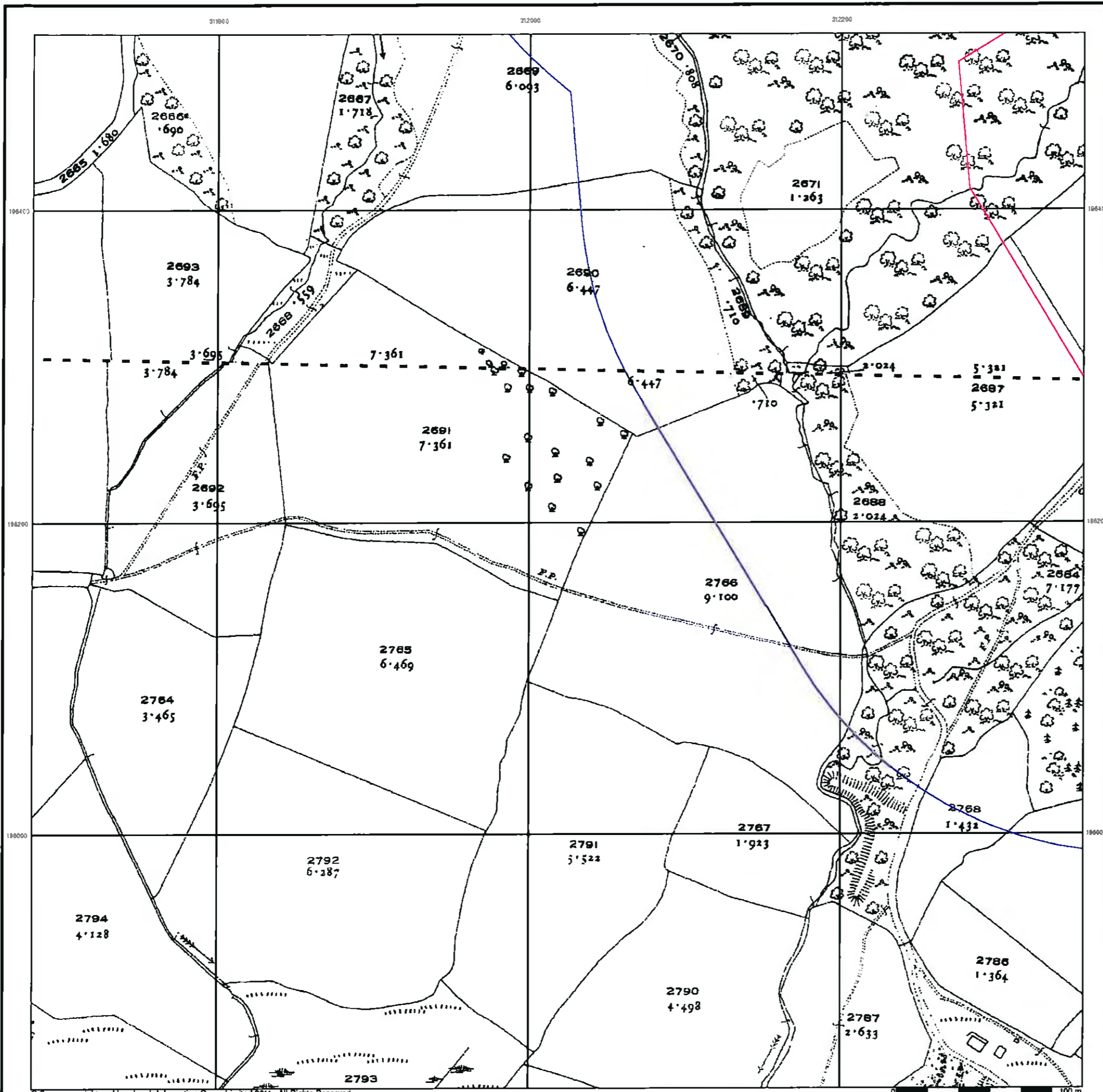
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerweltl Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

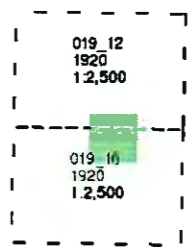




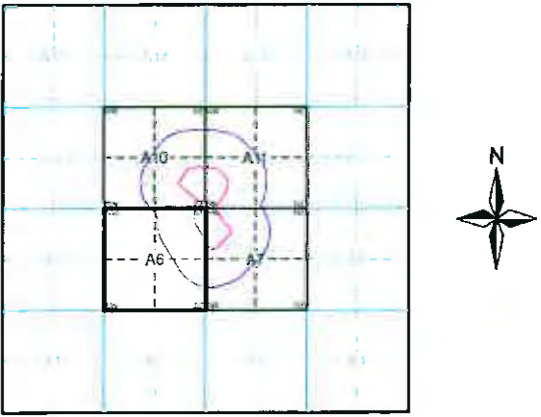
Glamorganshire
Published 1920
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1898 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 A6



Order Details

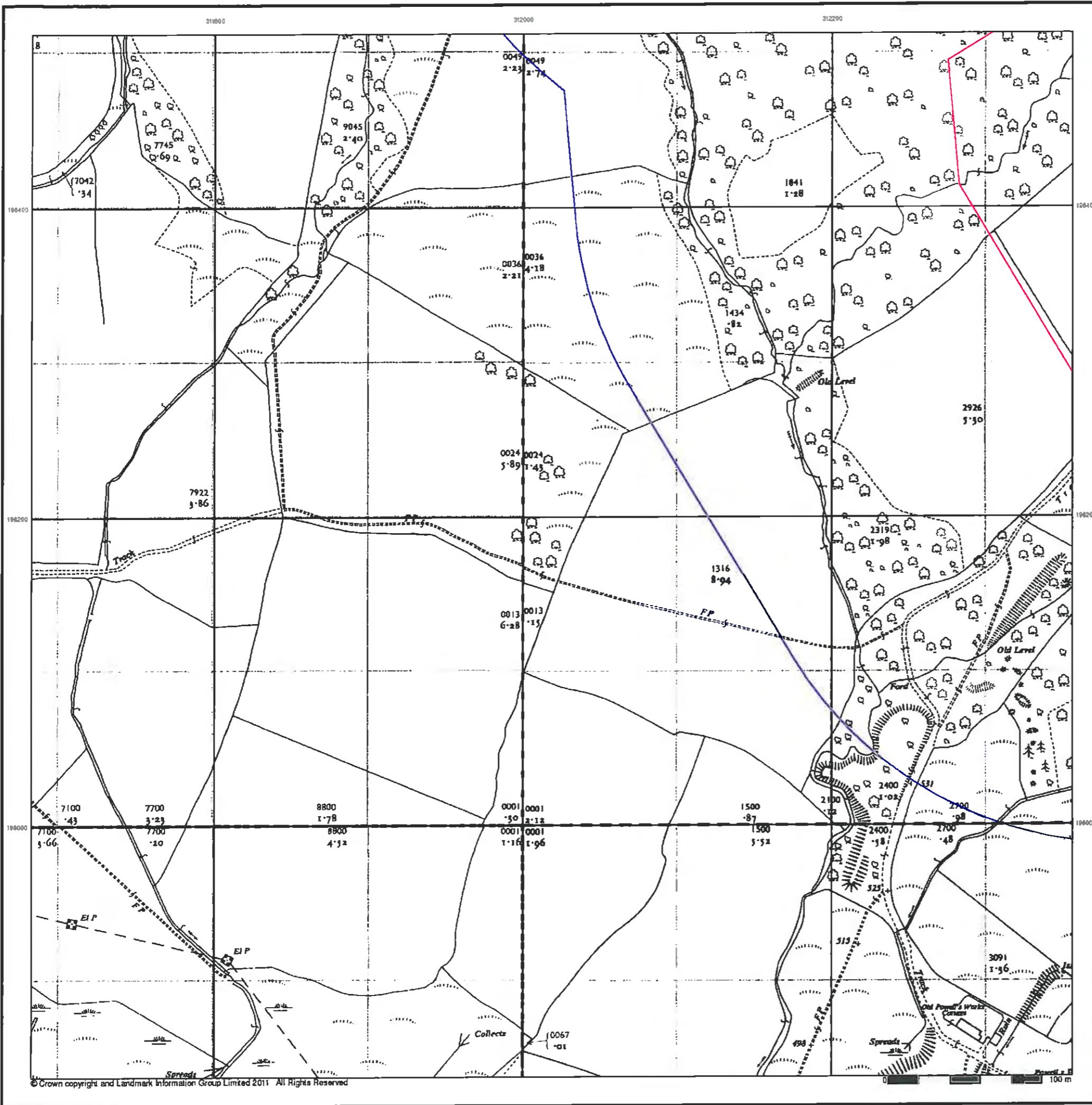
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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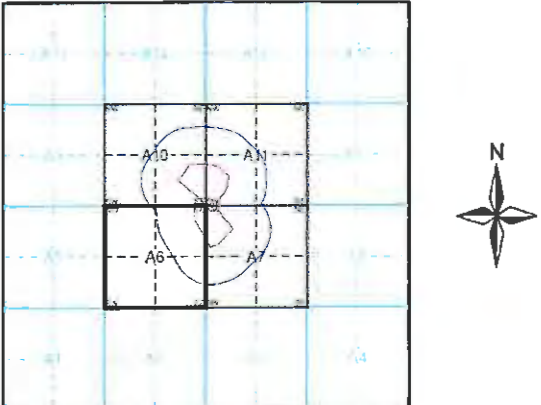
**Ordnance Survey Plan
Published 1961
Source map scale - 1:2,500**

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)

ST1196 1961 1:2,500	ST1296 1961 1:2,500
ST1195 1961 1:2,500	ST1295 1961 1:2,500

Historical Map - Segment A6



Order Details

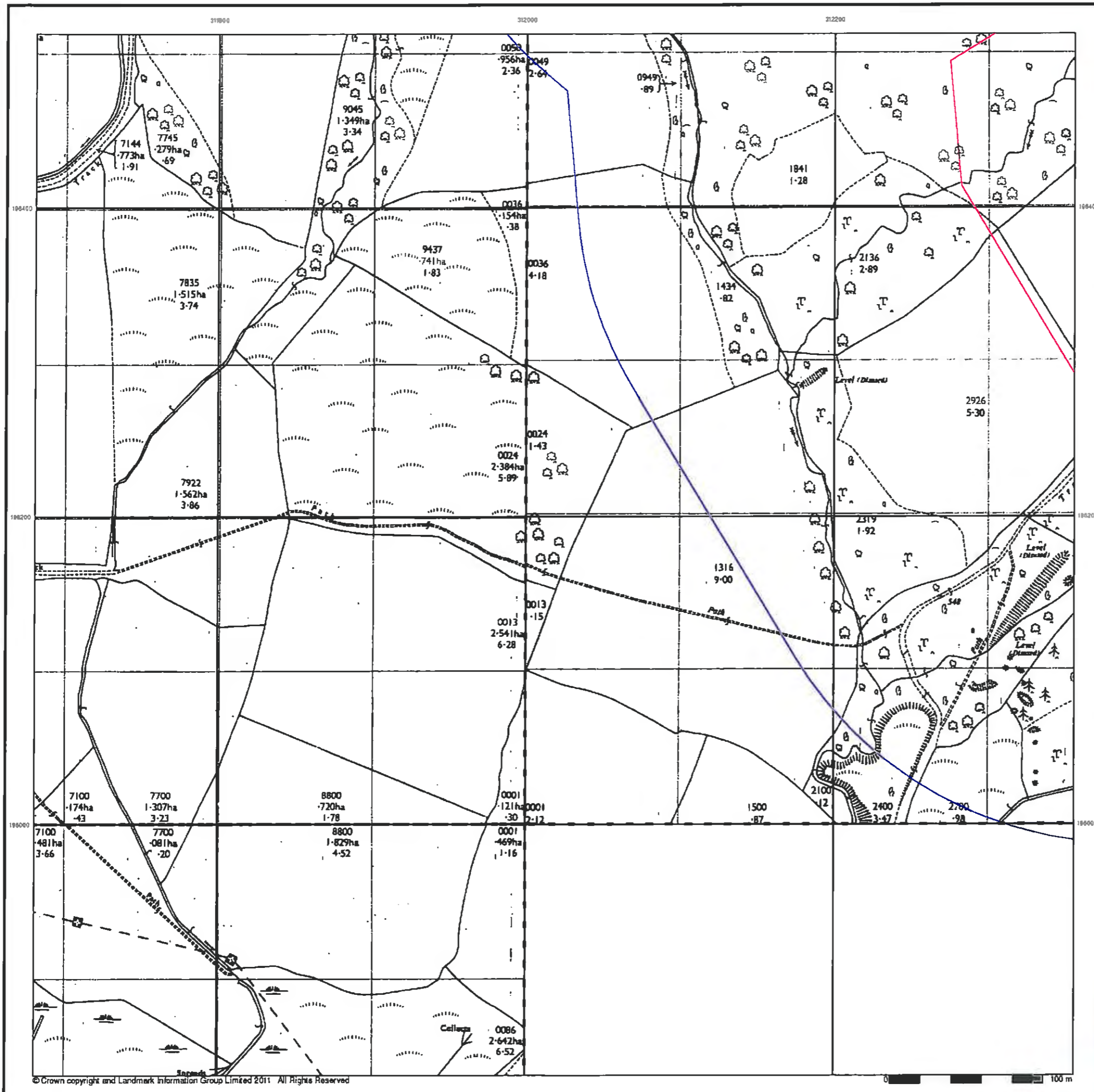
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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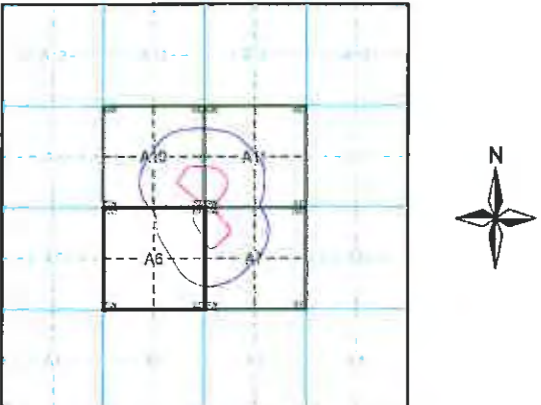
Ordnance Survey Plan Published 1969 - 1971 Source map scale - 1:2,500

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 1898 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)

ST1106 1971 1:2,500	ST1298 1989 1:2,500
ST1195 1971 1:2,500	

Historical Map - Segment A6



Order Details

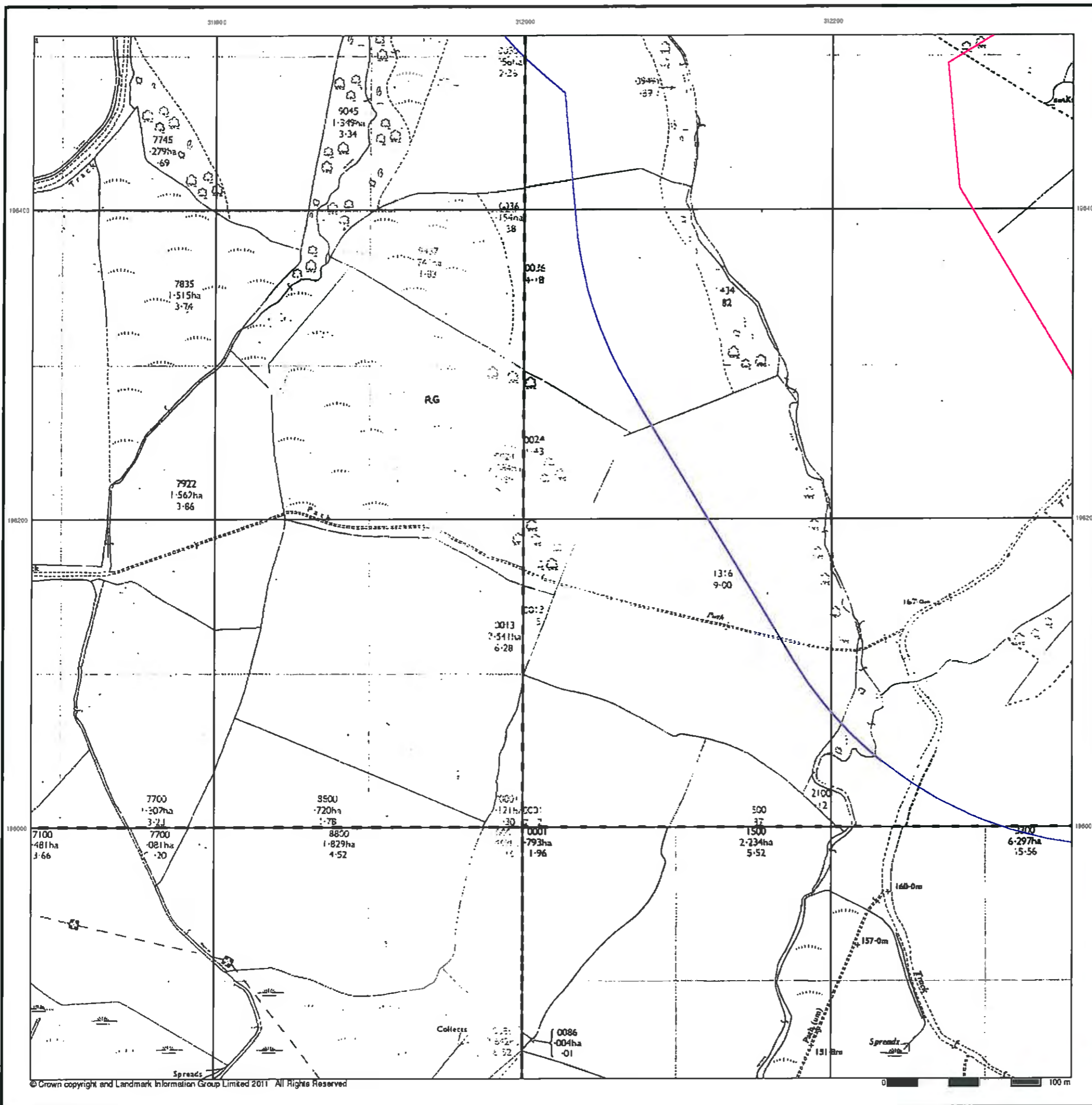
Order Number: 36083971_1_1
Customer Ref: Bryn Q
National Grid Reference: 312380, 196540
Slice: A
Site Area (Ha): 10.87
Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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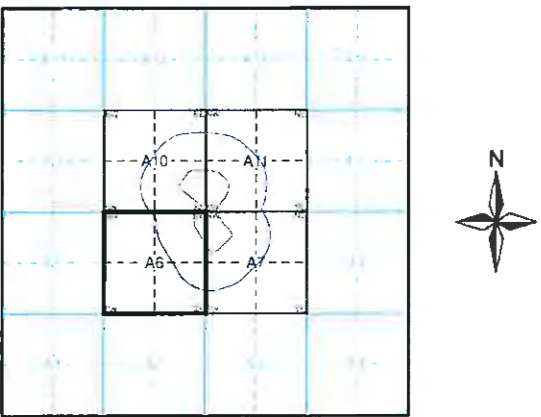
**Additional SIMs
Published 1977 - 1990
Source map scale - 1:2,500**

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

Map Name(s) and Date(s)

ST1198 1982 1:2,500	ST1298 1990 1:2,500
ST1195 1982 1:2,500	ST1295 1977 1:2,500

Historical Map - Segment A6



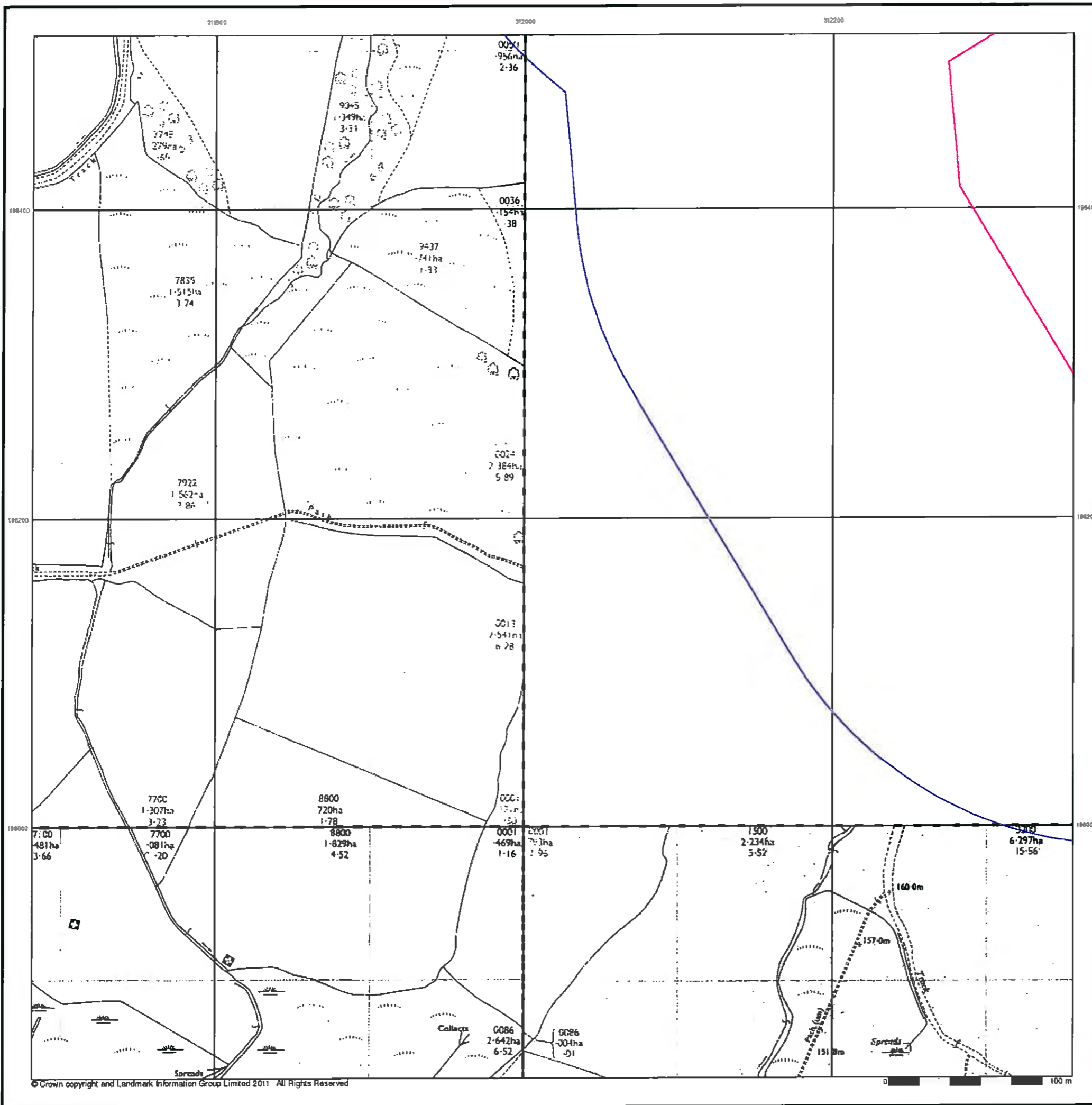
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY





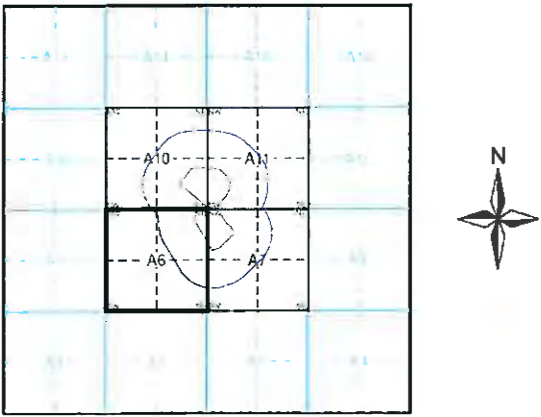
**Additional SIMs
Published 1985 - 1987
Source map scale - 1:2,500**

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)

ST1198 1987 1:2,500	ST1295 1985 1:2,500
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Historical Map - Segment A6



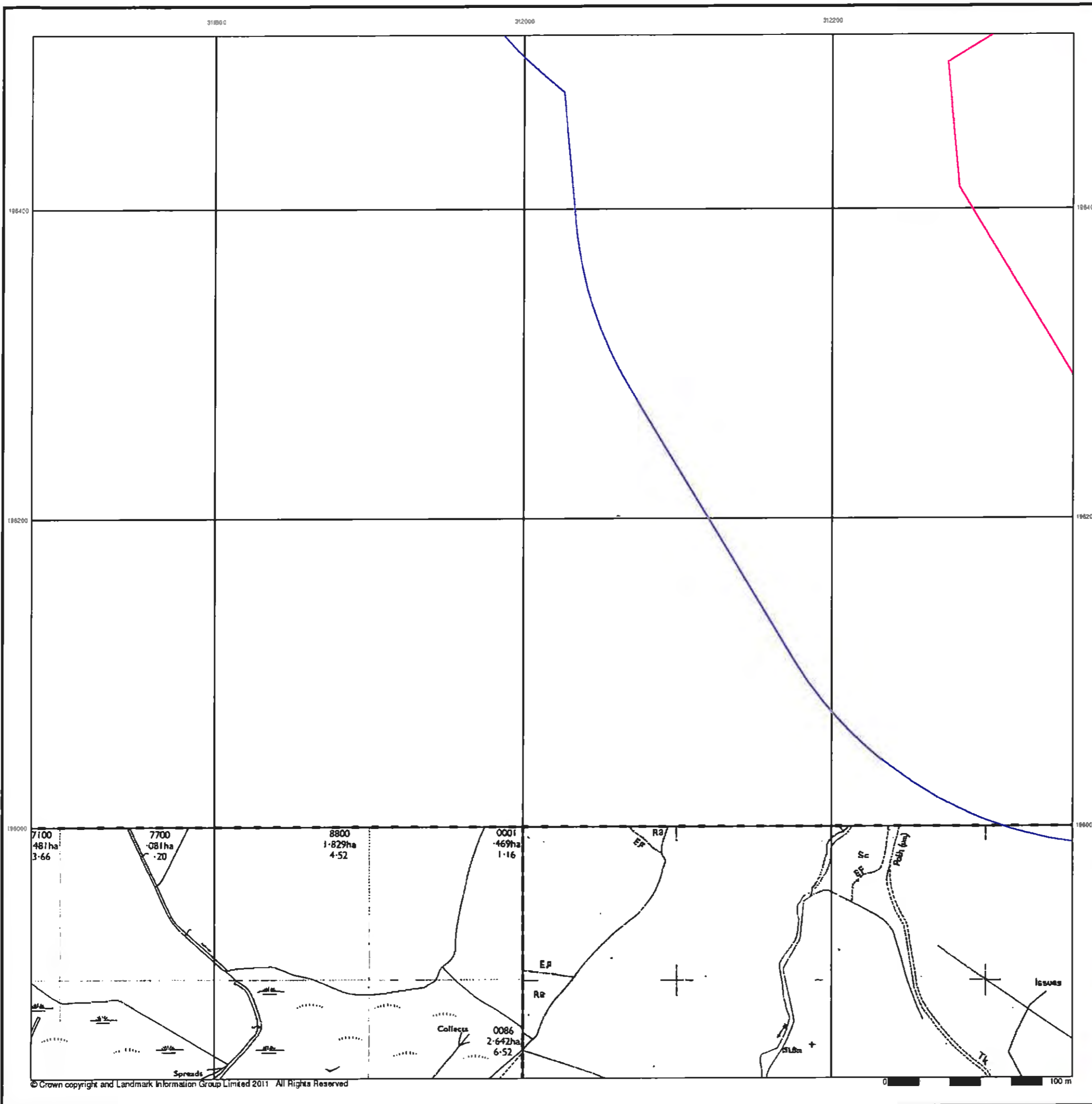
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

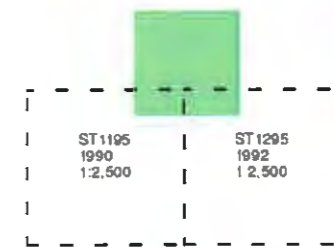




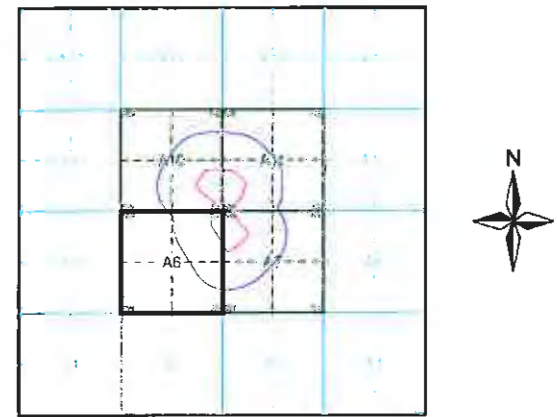
**Additional SIMs
Published 1990 - 1992
Source map scale - 1:2,500**

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 A6



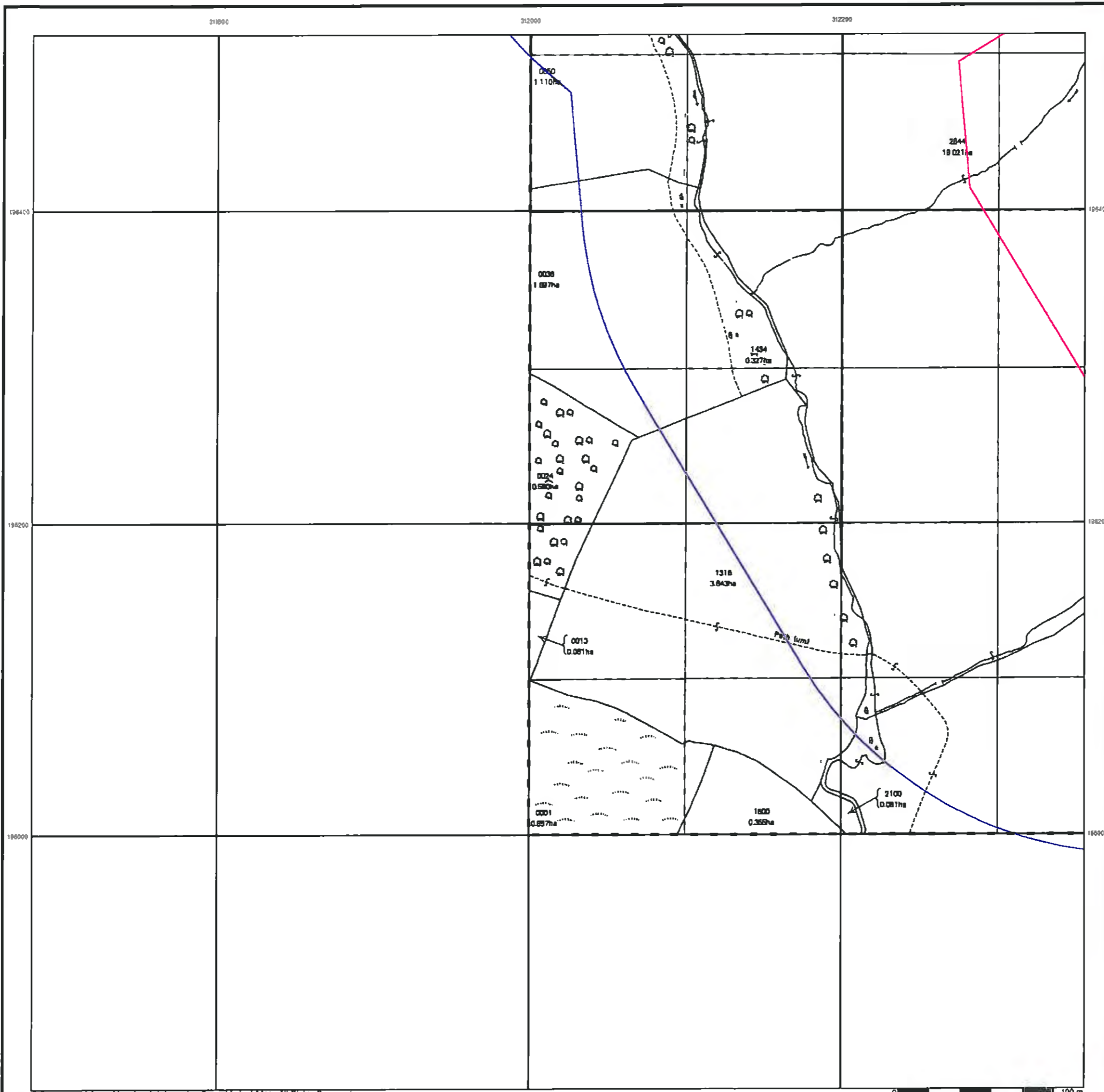
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

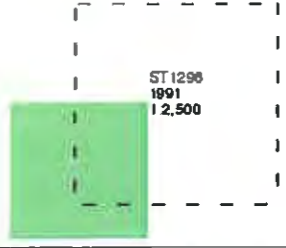




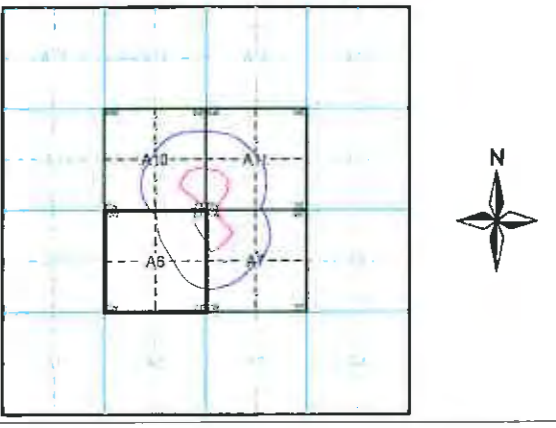
**Ordnance Survey Plan
Published 1991
Source map scale - 1:2,500**

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 A6



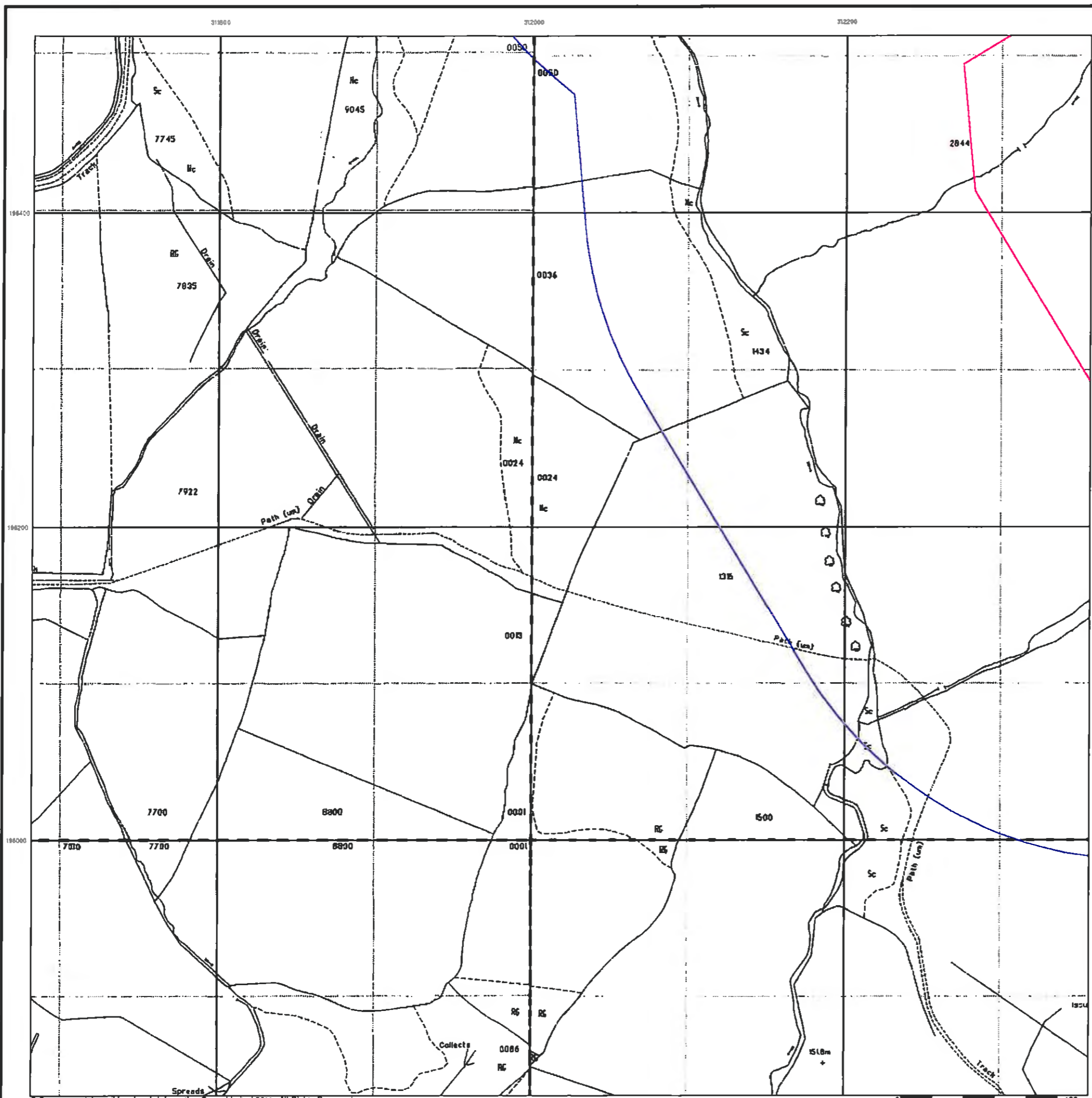
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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 Web: www.envirocheck.co.uk



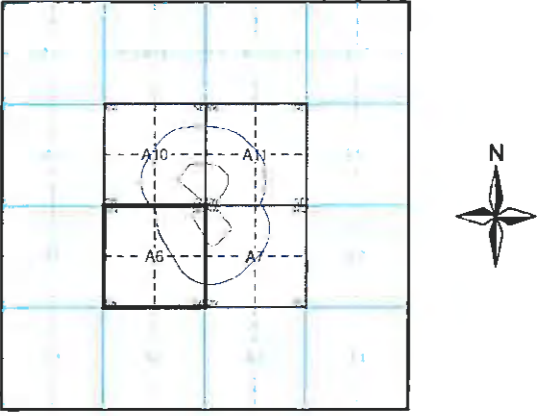
Large-Scale National Grid Data
Published 1993
Source map scale - 1:2,500

'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)

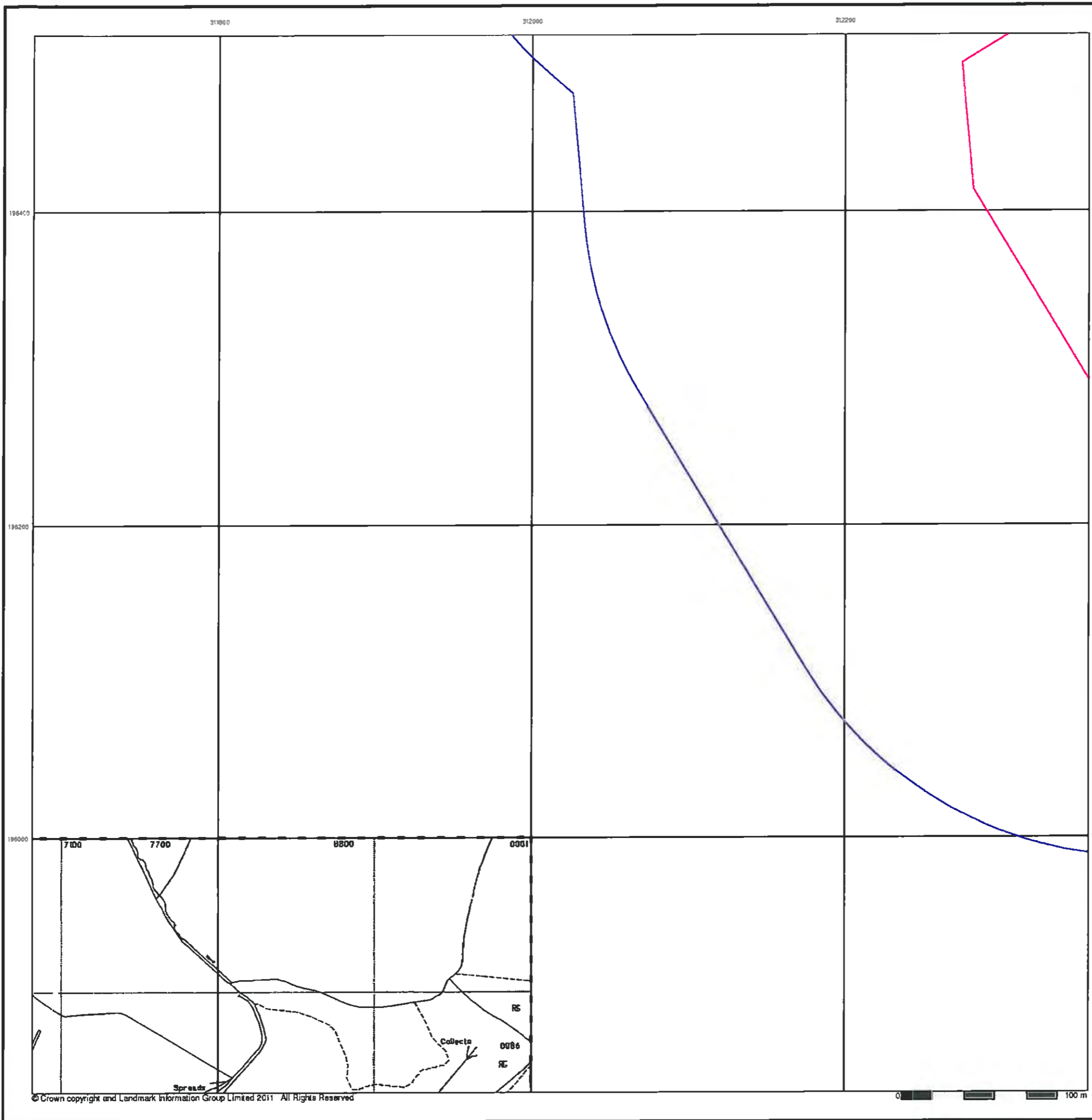
ST1196	ST1206
1993	1993
1:2,500	1:2,500
ST1195	ST1205
1993	1993
1:2,500	1:2,500

Historical Map - Segment A6



Order Details
Order Number: 36083971_1_1
Customer Ref: Bryn Q
National Grid Reference: 312380, 196540
Slice: A
Site Area (Ha): 10.87
Search Buffer (m): 250

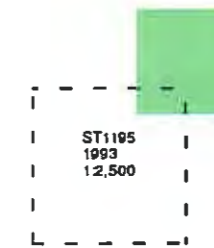
Site Details
Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



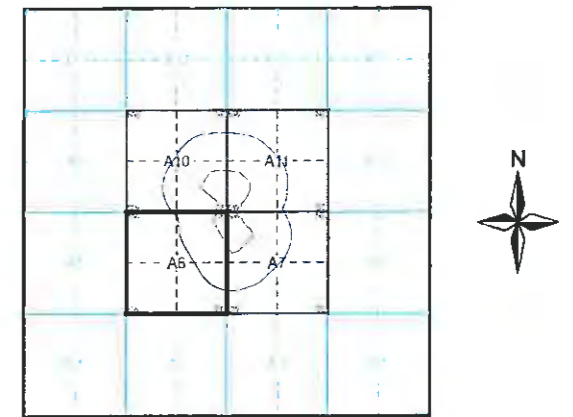
**Large-Scale National Grid Data
Published 1993
Source map scale - 1:2,500**

'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 A6

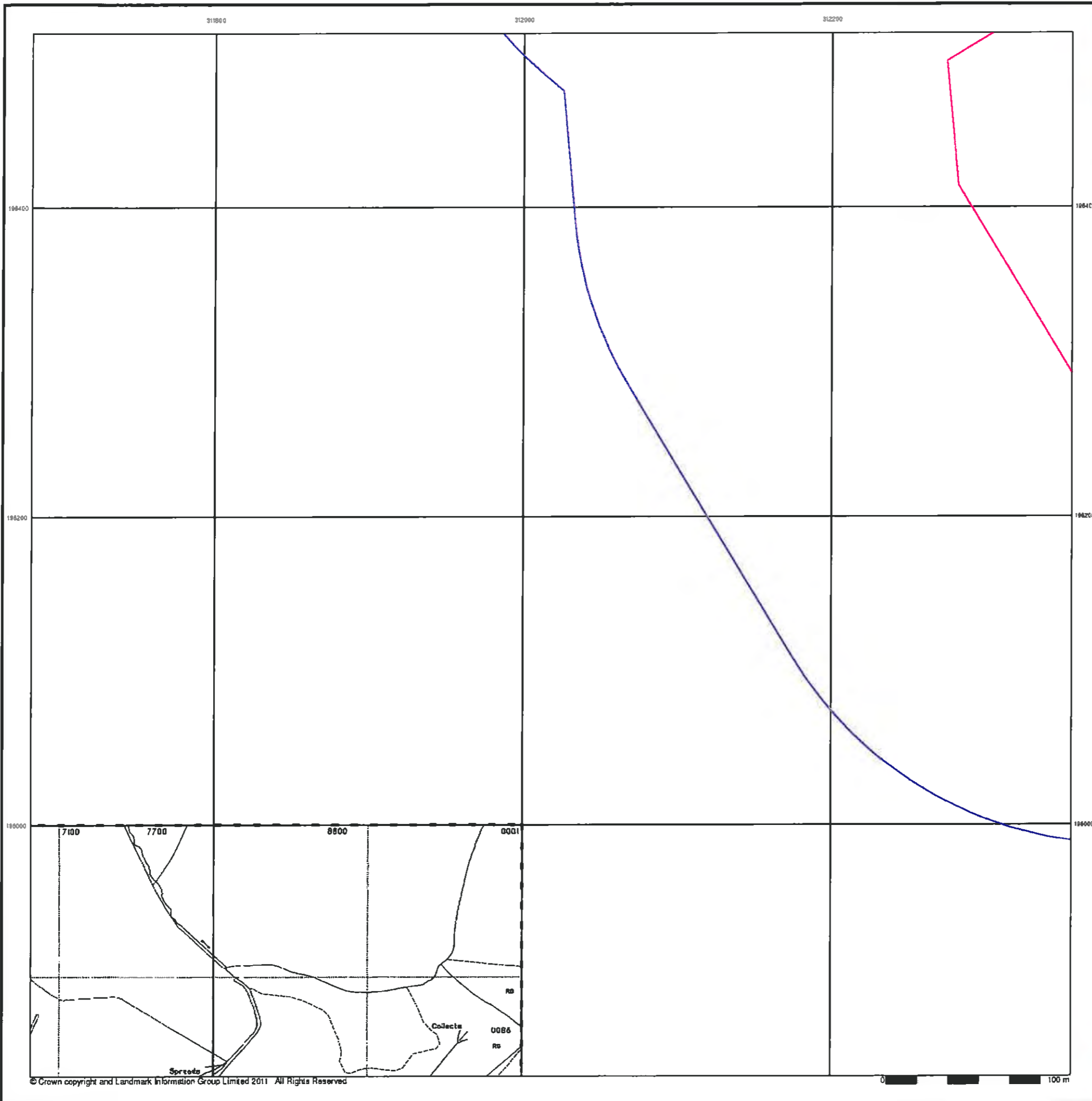


Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

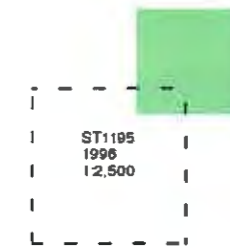


**Large-Scale National Grid Data
Published 1996**

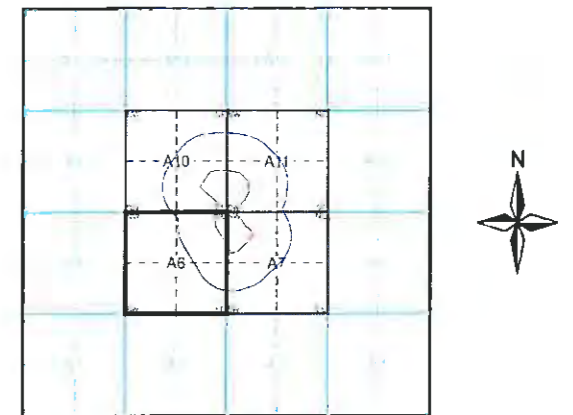
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

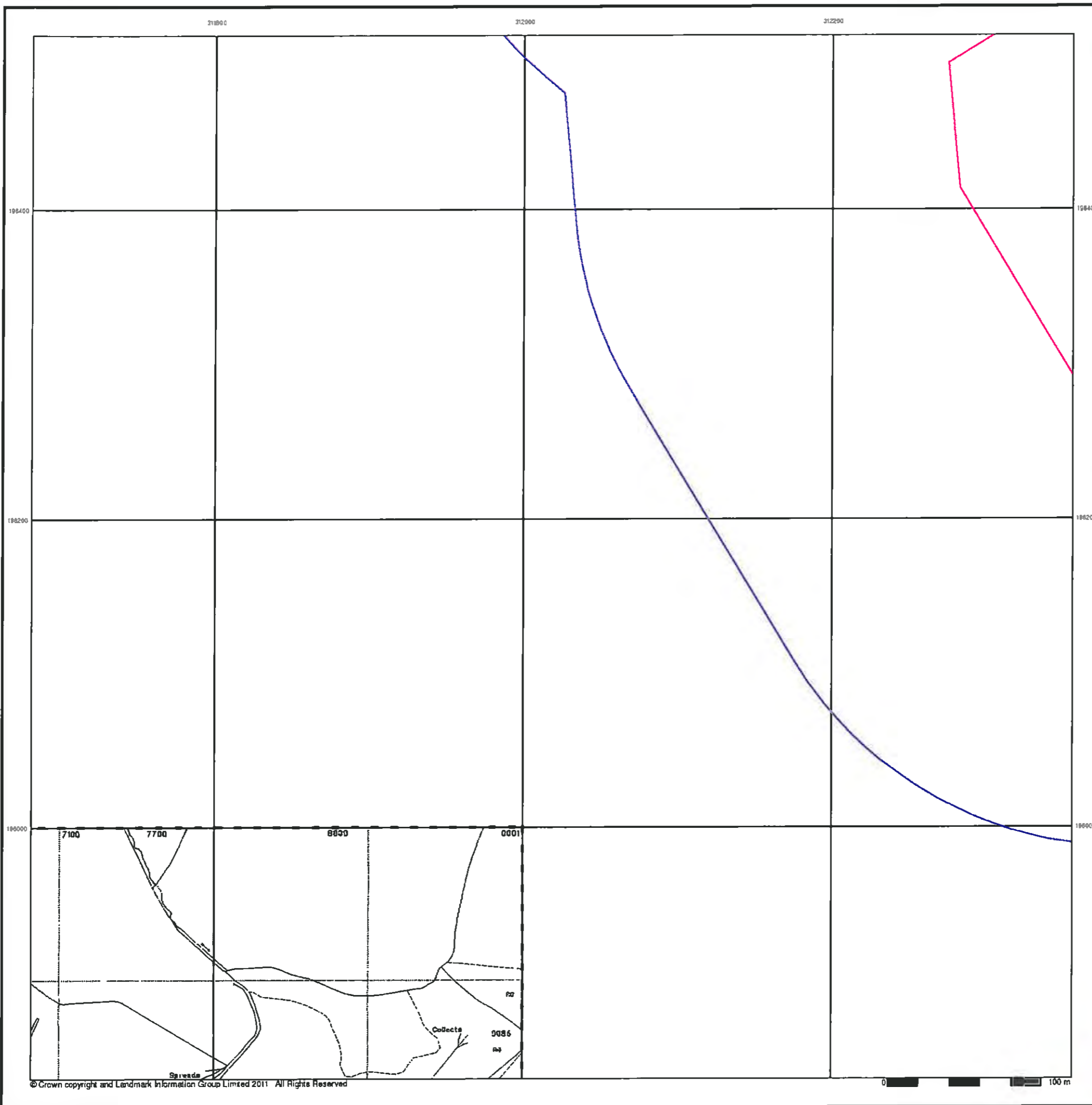
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



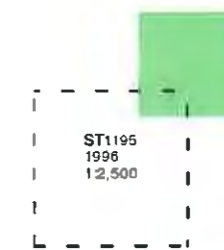
Tel: 0344 344 9952
 Fax: 0344 344 9951
 Web: www.envirocheck.co.uk



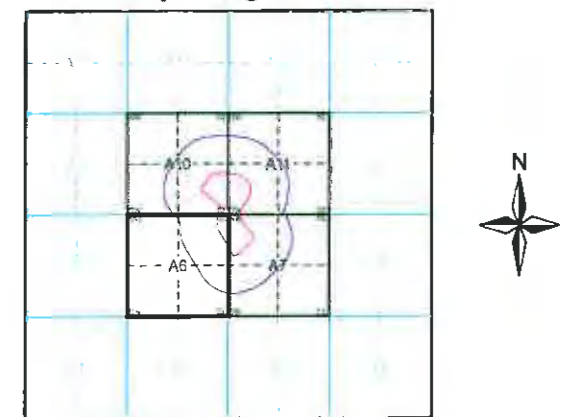
**Large-Scale National Grid Data
Published 1996
Source map scale - 1:2,500**

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1998. 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 A6



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325 9 **Bench Mark** **342** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. 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 Stulce**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

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

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

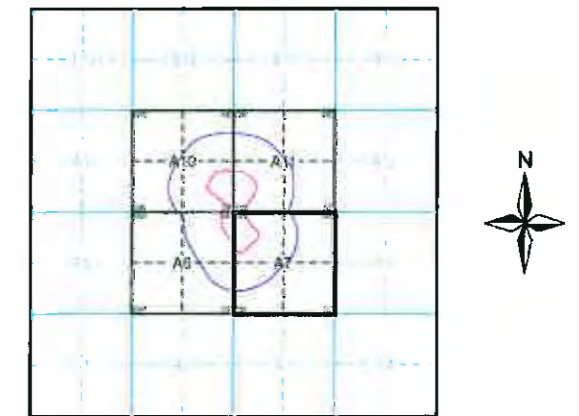
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 221.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P. Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cla Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Fbn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876 - 1878	2
Monmouthshire	1:2,500	1878	3
Glamorganshire	1:2,500	1900 - 1901	4
Glamorganshire	1:2,500	1919 - 1920	5
Ordnance Survey Plan	1:2,500	1961	6
Additional SIMs	1:2,500	1961 - 1990	7
Ordnance Survey Plan	1:2,500	1969	8
Additional SIMs	1:2,500	1985	9
Additional SIMs	1:2,500	1989 - 1992	10
Ordnance Survey Plan	1:2,500	1991	11
Large-Scale National Grid Data	1:2,500	1993	12

Historical Map - Segment A7



Order Details

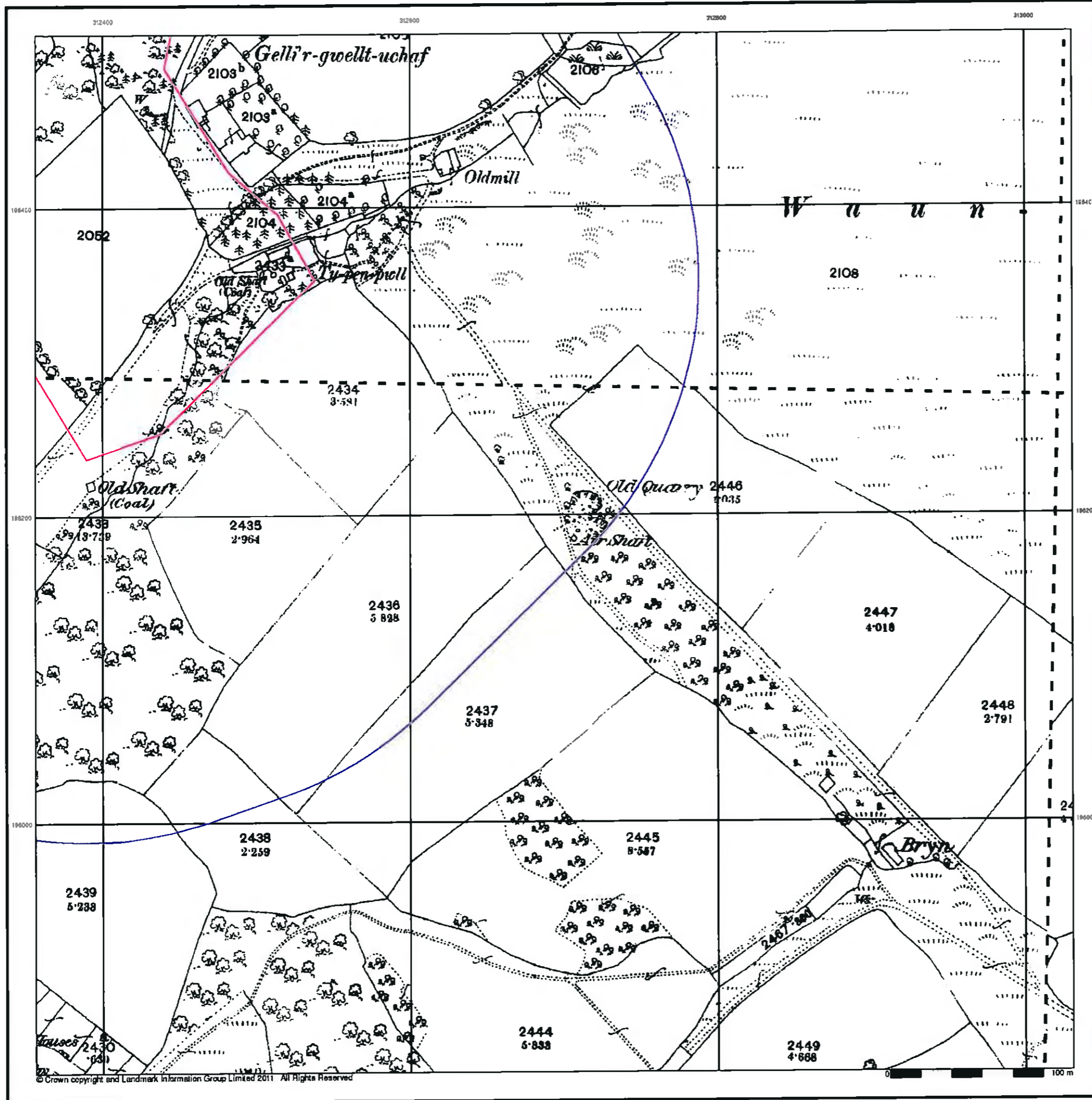
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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



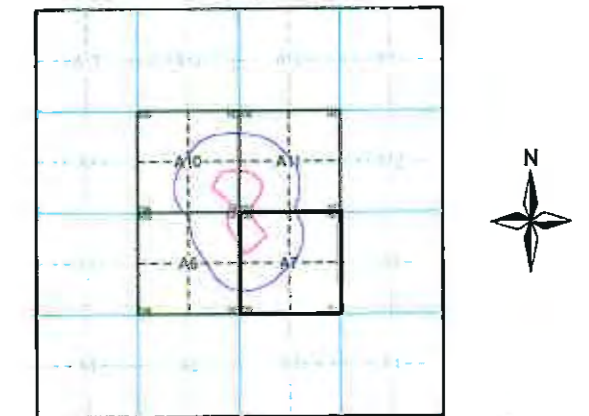
Glamorganshire
Published 1875 - 1878
Source map scale - 1:2,500

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 1888 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 1838, 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)

019_12 1875 1:2,500	020_09 1877 1:2,500
019_18 1877 1:2,500	020_13 1878 1:2,500

Historical Map - Segment A7



Order Details

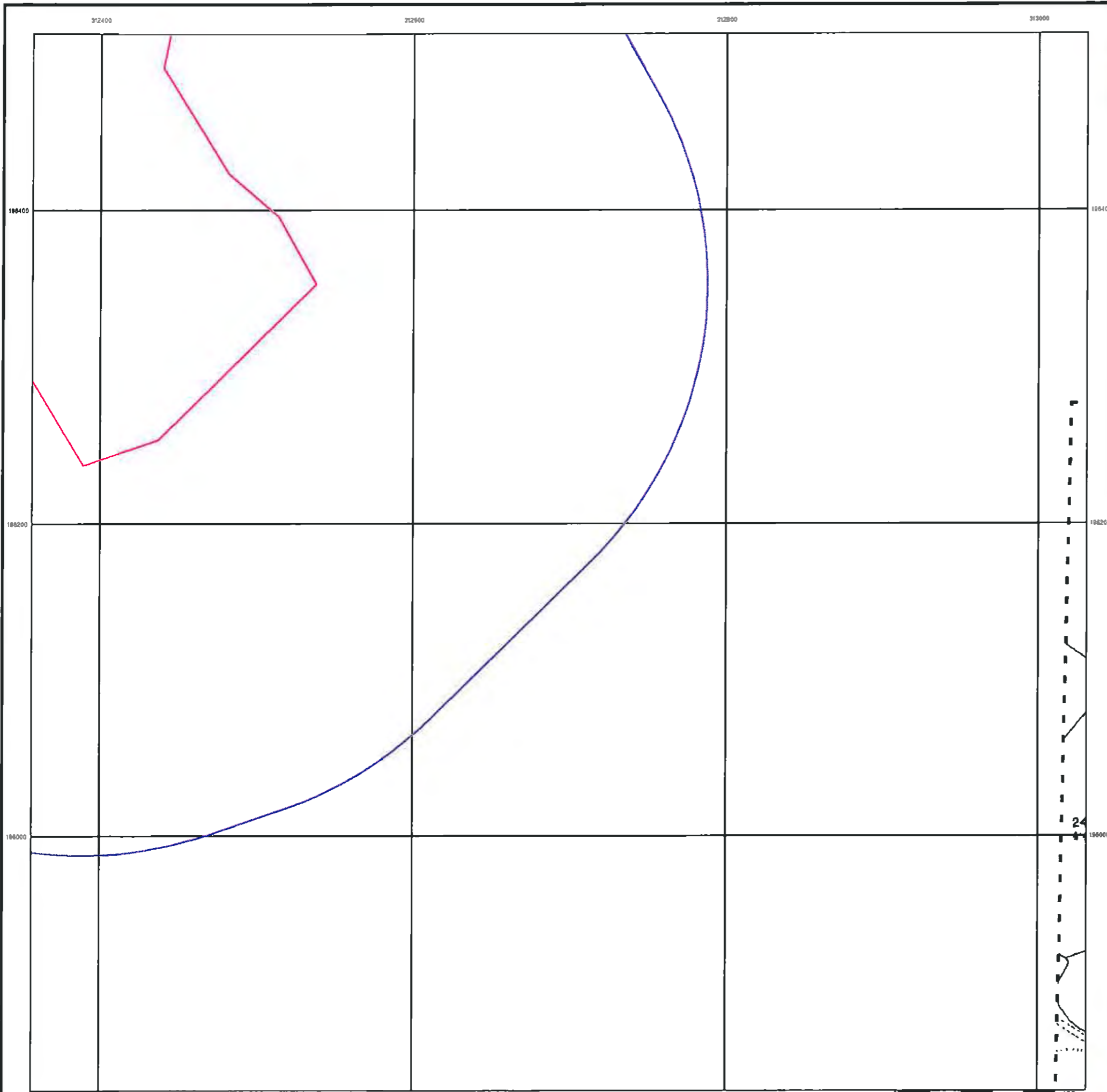
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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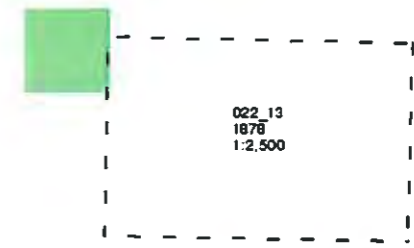
Monmouthshire

Published 1878

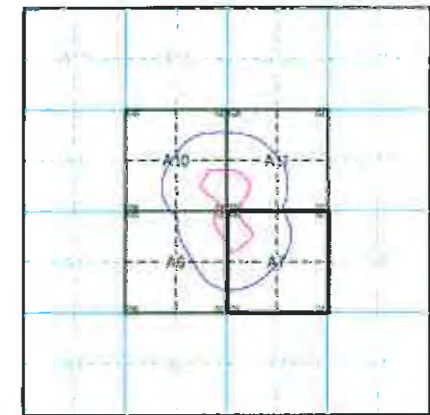
Source map scale - 1:2,500

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 1898 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 A7



Order Details

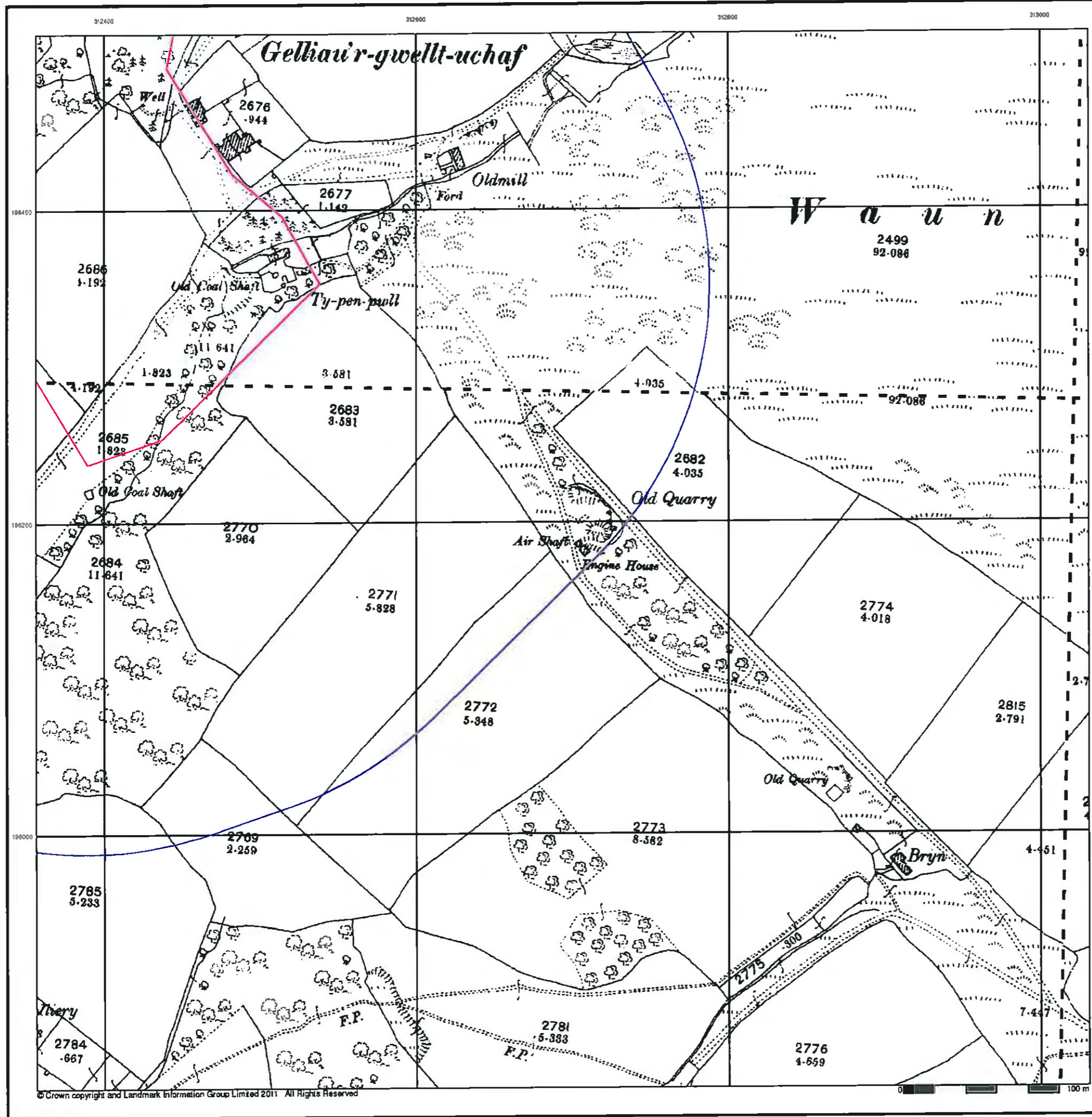
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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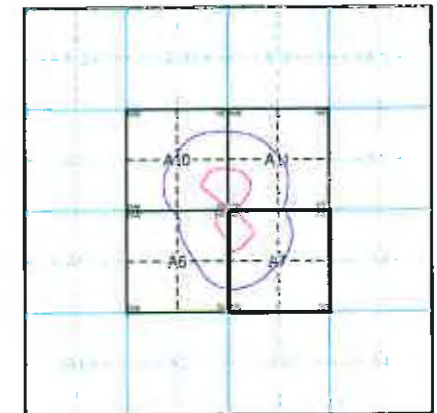
Glamorganshire
Published 1900 - 1901
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1898 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)

019_12 1900 1:2,500	020_09 1900 1:2,500
019_16 1900 1:2,500	020_13 1901 1:2,500

Historical Map - Segment A7



Order Details

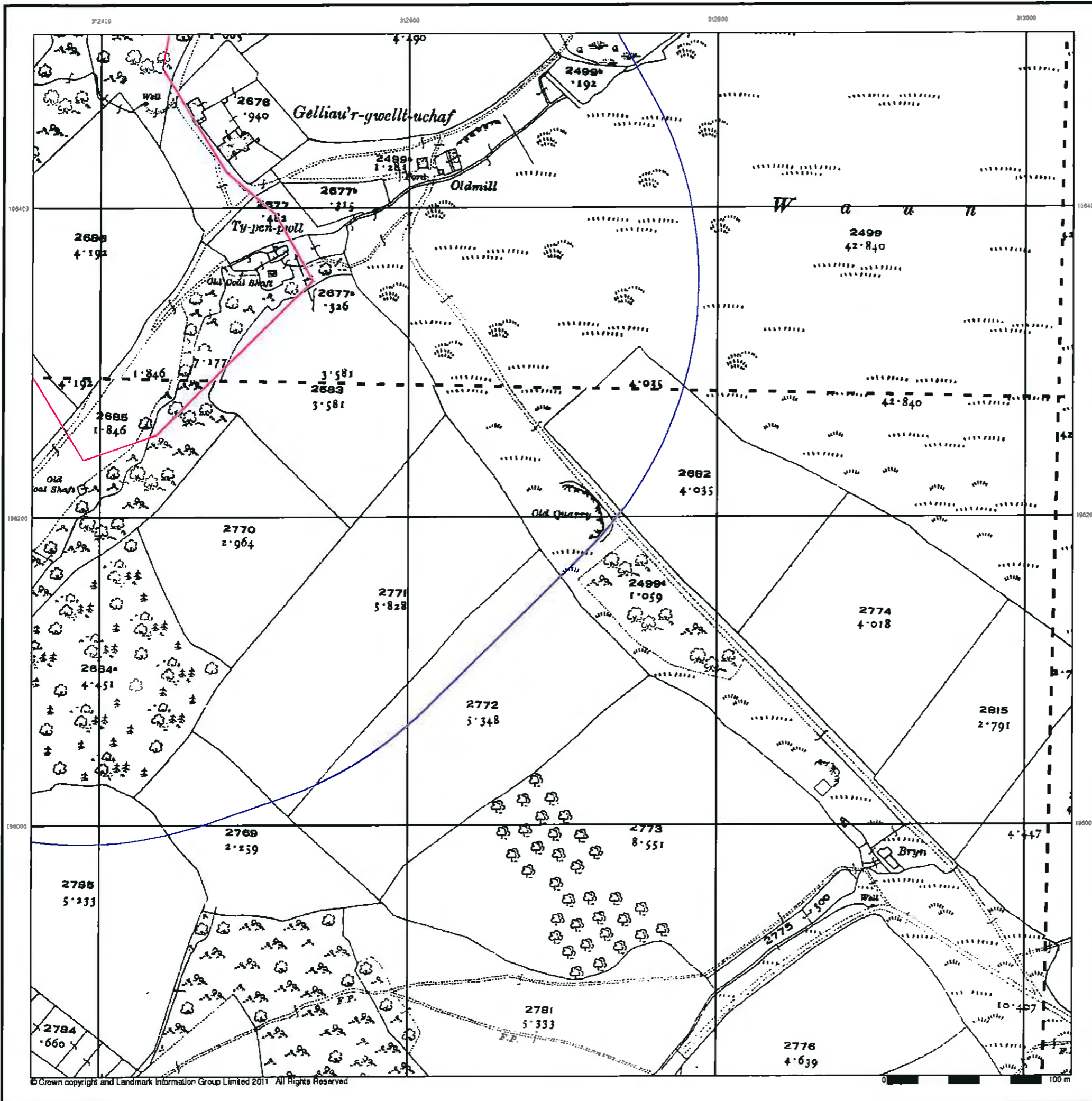
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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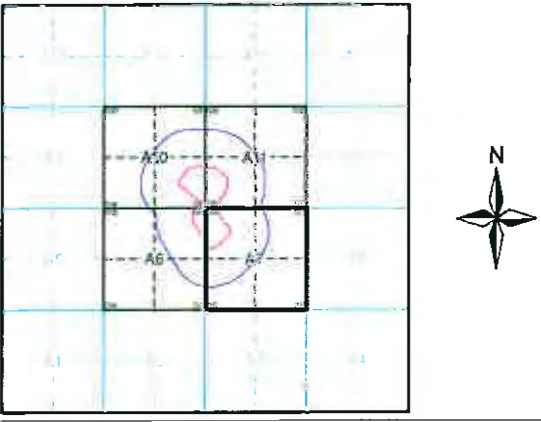
Glamorganshire
Published 1919 - 1920
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1898 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)

019_12 1920 1:2,500	020_09 1919 1:2,500
019_16 1920 1:2,500	020_13 1919 1:2,500

Historical Map - Segment A7



Order Details

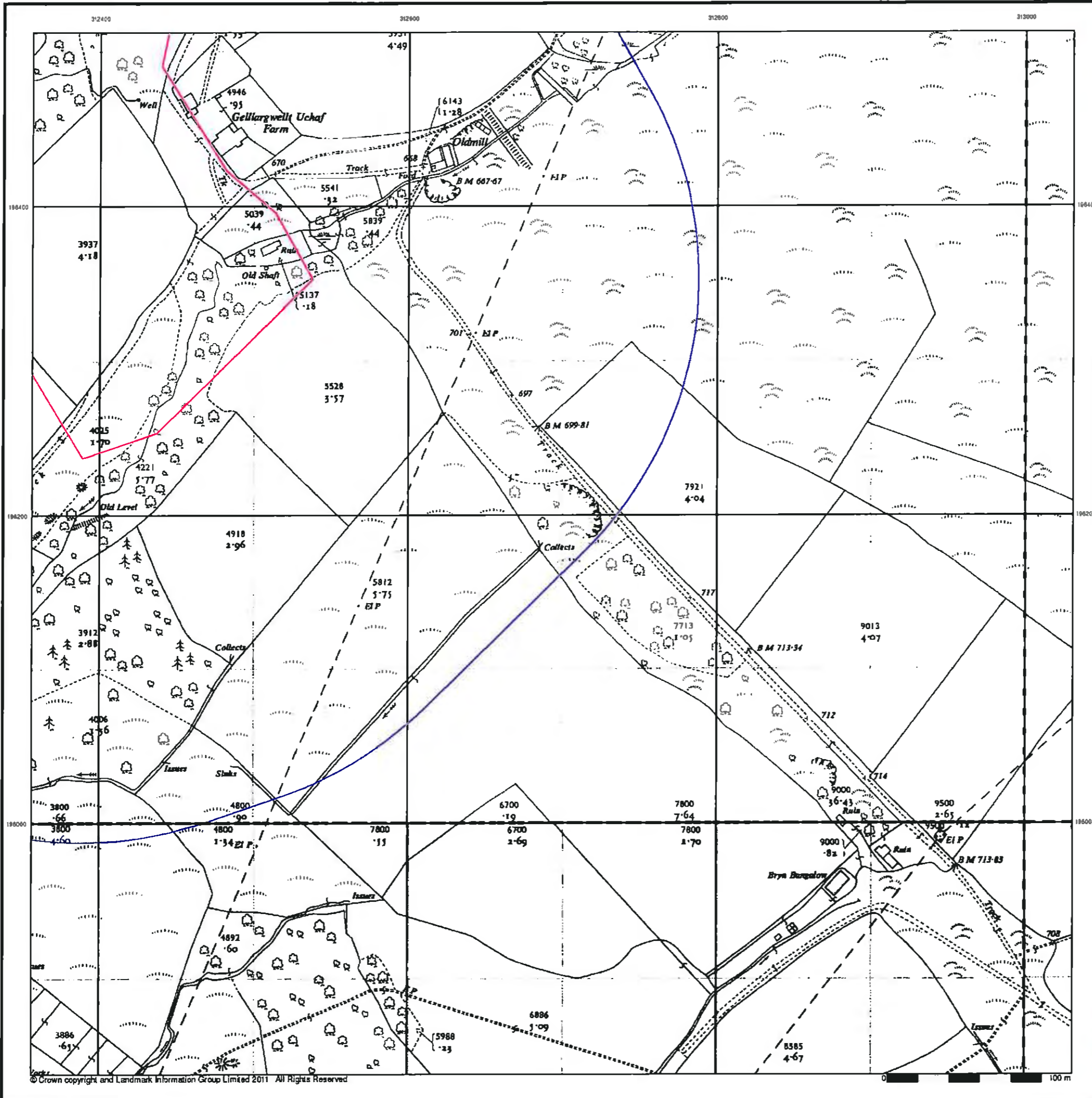
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelliaw'r-gwelltuchaf Farm, Gelliaw'r, Hengoed, CF82 8FY

Landmark
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**Ordnance Survey Plan
Published 1961**

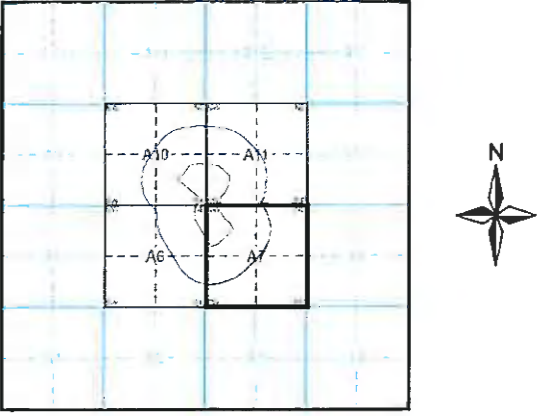
Source map scale - 1:2,500

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 1898 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)

ST1296 1961 1:2,500	ST1396 1961 1:2,500
ST1295 1961 1:2,500	ST1395 1961 1:2,500

Historical Map - Segment A7



Order Details

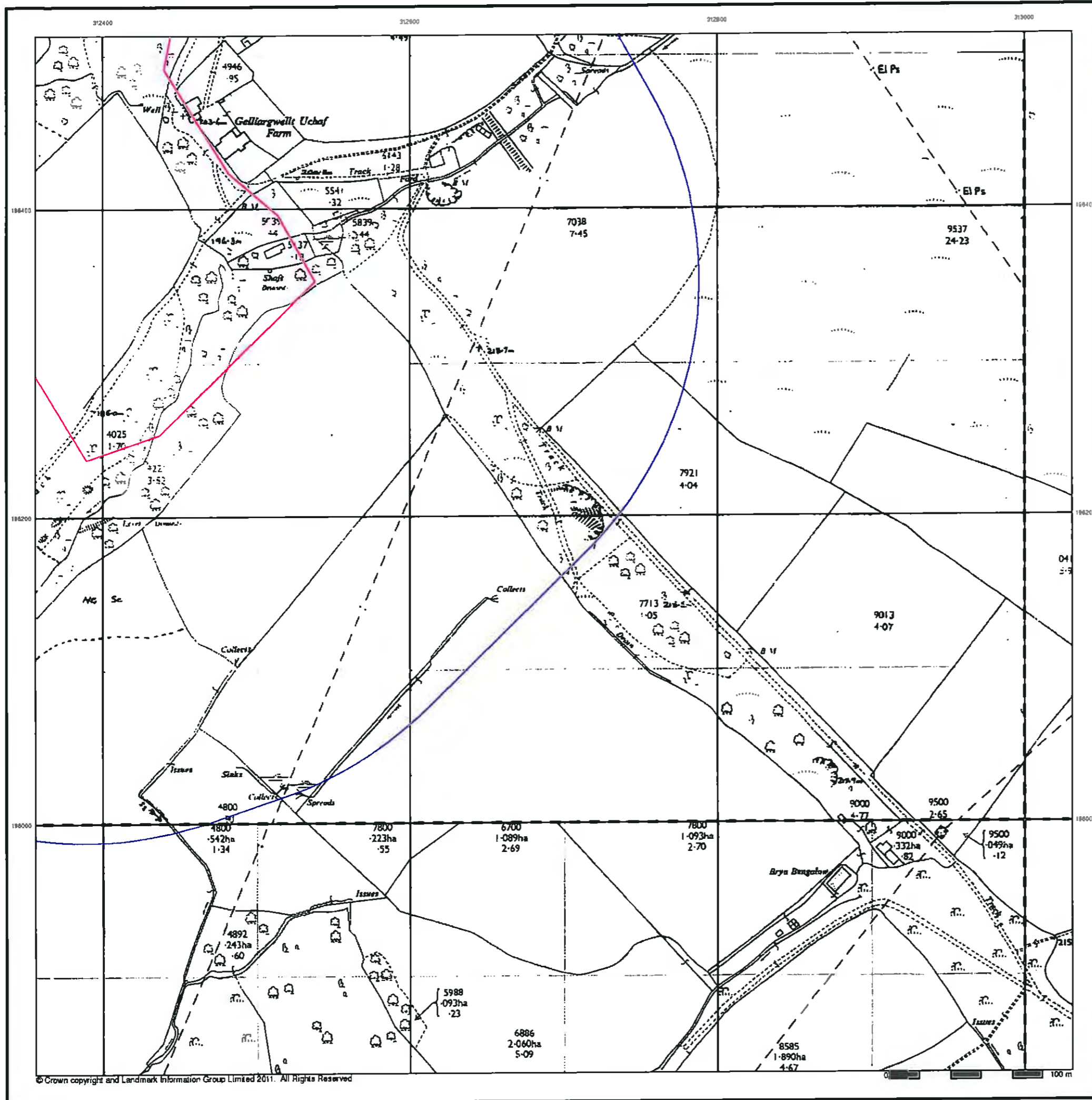
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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**Additional SIMs
Published 1961 - 1990
Source map scale - 1:2,500**

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

Map Name(s) and Date(s)

ST1296 1990 1:2,500	ST1396 1978 1:2,500
ST1295 1977 1:2,500	ST1395 1981 1:2,500

Historical Map - Segment A7



Order Details

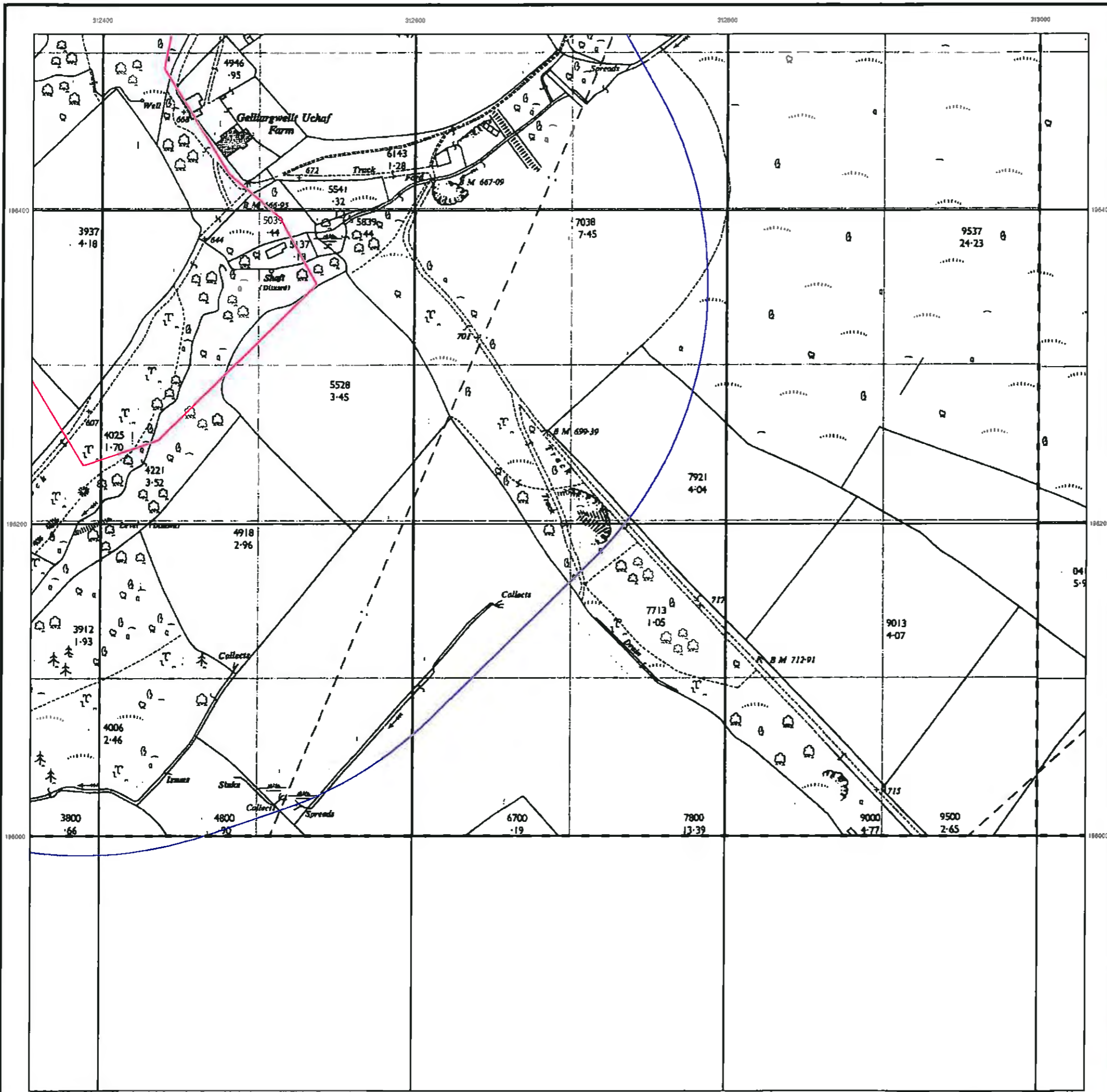
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 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

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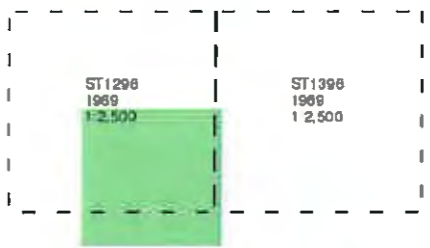


**Ordnance Survey Plan
Published 1969**

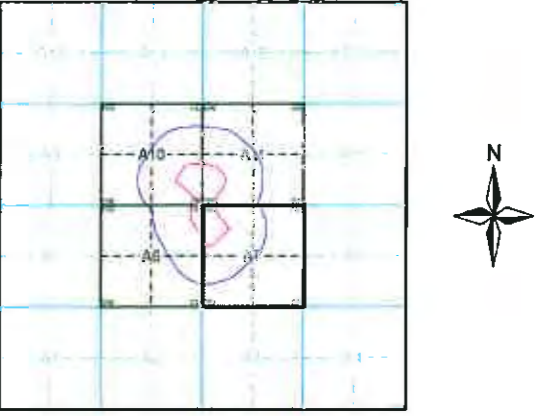
Source map scale - 1:2,500

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 1890 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 A7



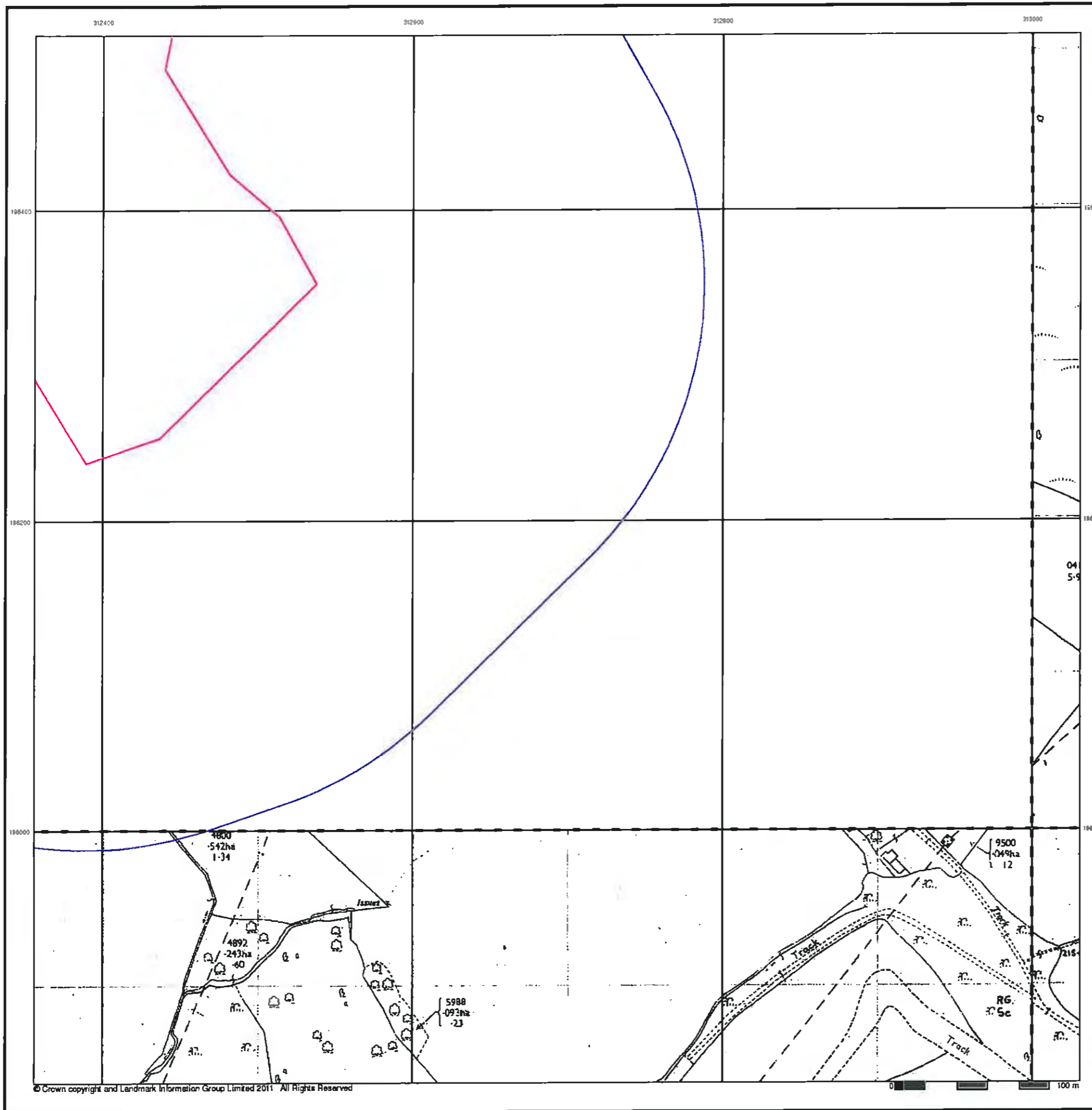
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY





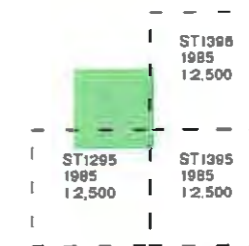
Additional SIMs

Published 1985

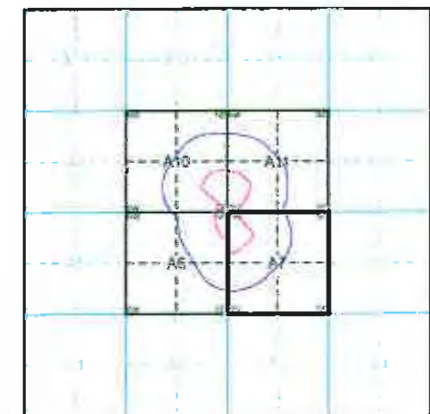
Source map scale - 1:2,500

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 A7



Order Details

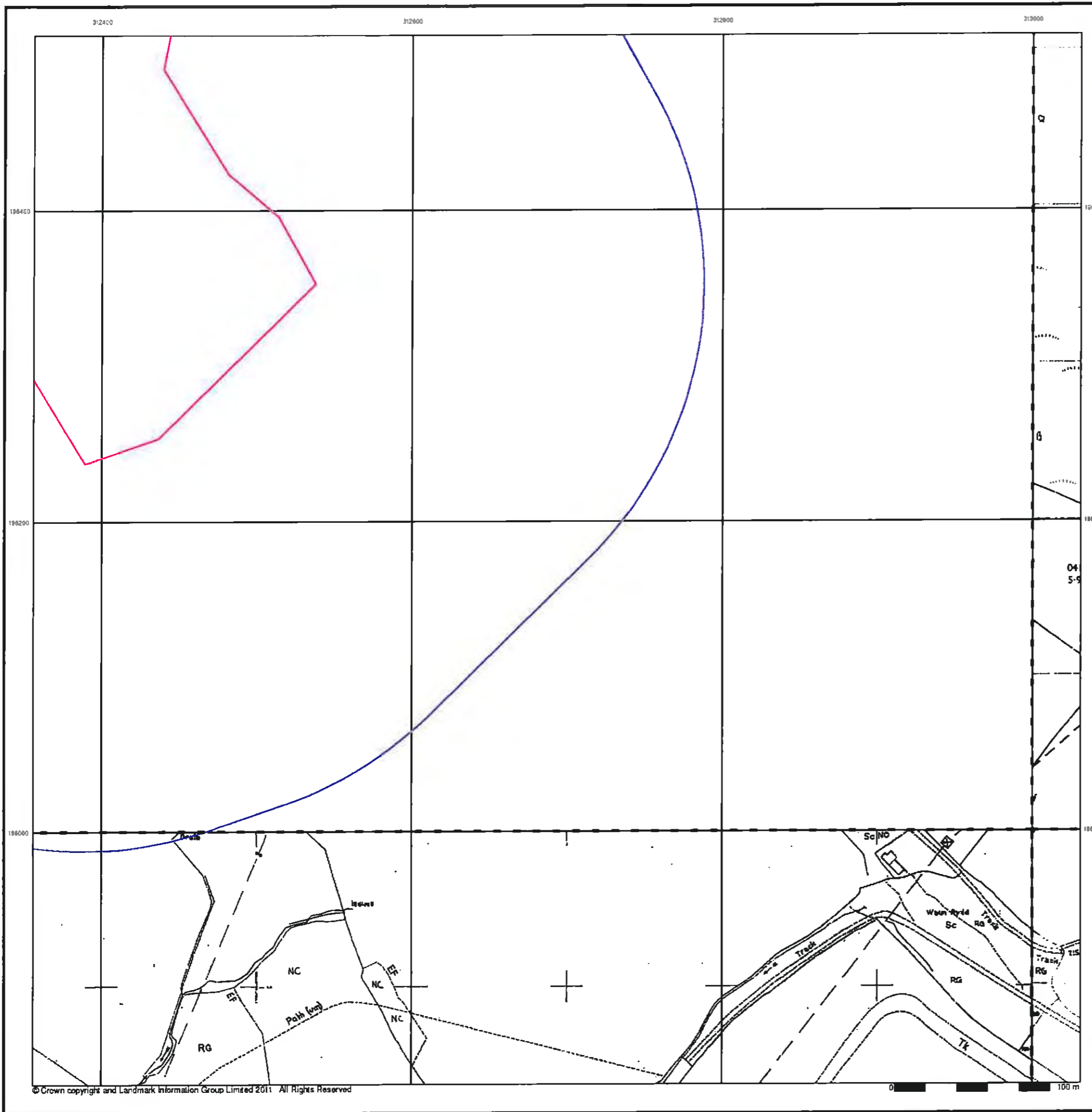
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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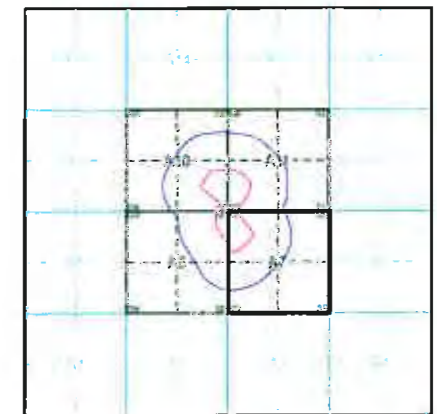
**Additional SIMs
Published 1989 - 1992
Source map scale - 1:2,500**

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)

	ST1395 1989 1:2,500
ST1295 1992 1:2,500	ST1395 1992 1:2,500

Historical Map - Segment A7



Order Details

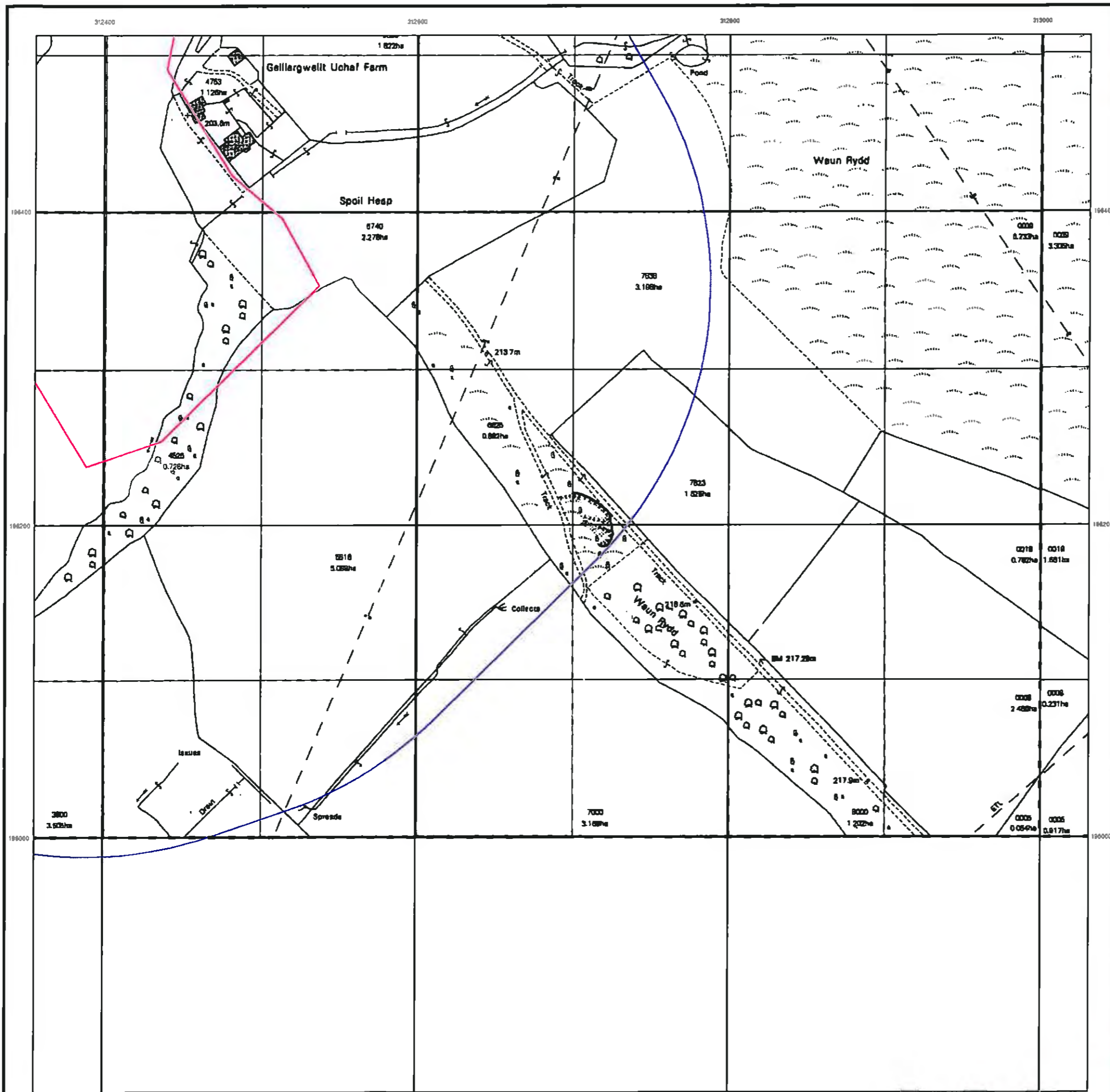
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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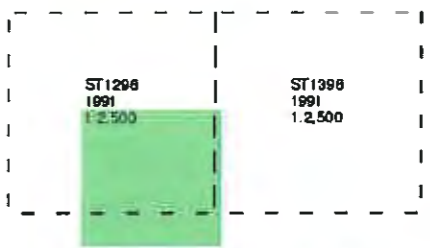
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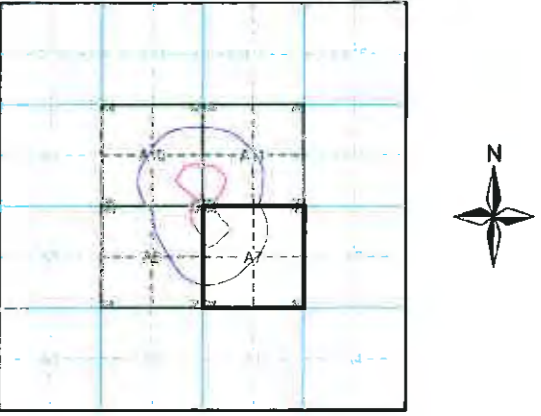
**Ordnance Survey Plan
Published 1991
Source map scale - 1:2,500**

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 A7



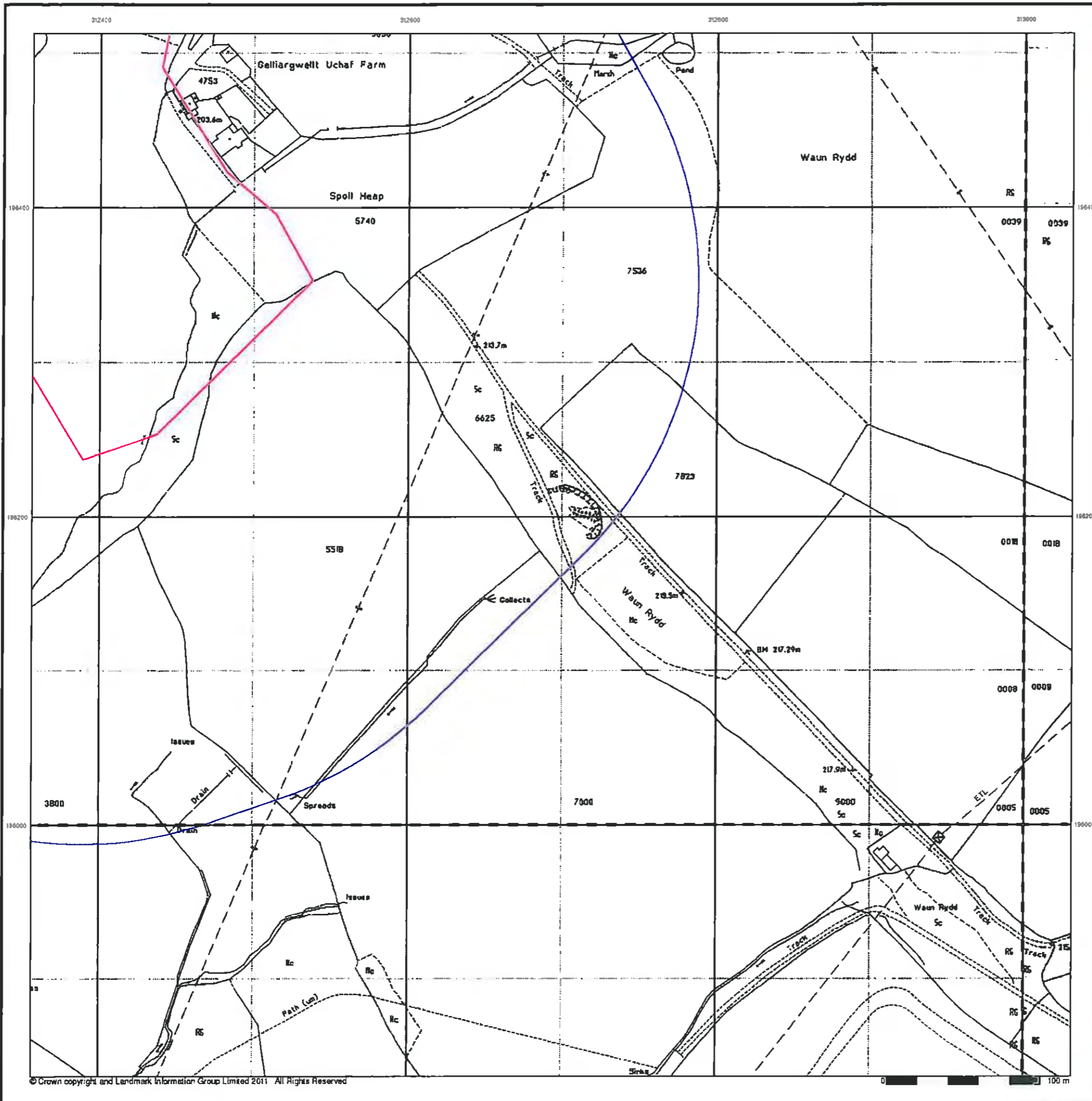
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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**Large-Scale National Grid Data
Published 1993**

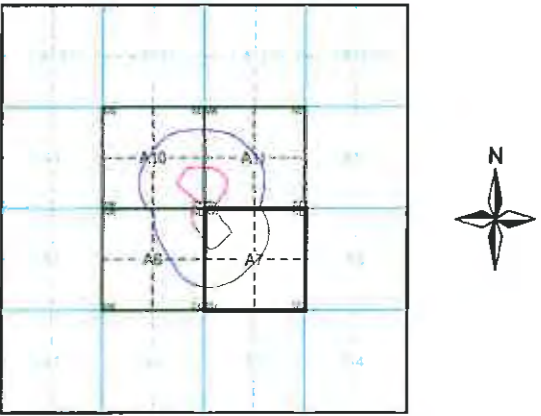
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST1296 1993 1:2,500	ST1396 1993 1:2,500
ST1295 1993 1:2,500	ST1395 1993 1:2,500

Historical Map - Segment A7



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. 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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Top **Sloping Masonry** **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
E.T.L. Electricity Transmission Line
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**
EI P Electricity Pillar or Post **SB, S Br Signal Box or Bridge**
FAP Fire Alarm Pillar **SP, SL Signal Post or Light**
FB Foot Bridge **Spr Spring**
GP Guide Post **Tk Tank or Track**
H Hydrant or Hydraulic **TCB Telephone Call Box**
LC Level Crossing **TCP Telephone Call Post**
MH Manhole **Tr Trough**
MP Mile Post or Mooring Post **Wr Pt, Wrt Water Point, Water Tap**
MS Mile Stone **W Well**
N.T.L. Normal Tidal Limit **Wd Pp Wind Pump**

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

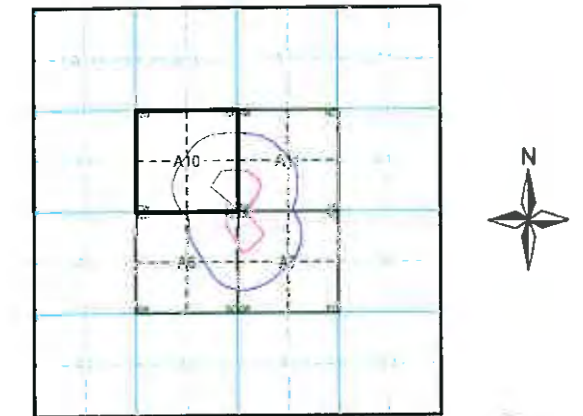
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
E.T.L. Electricity Transmission Line **Electricity Pylon**
B.M. 221.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P. Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Piece of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wrt 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
Glamorganshire	1:2,500	1875	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1961	5
Ordnance Survey Plan	1:2,500	1969 - 1972	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Additional SIMs	1:2,500	1982 - 1990	8
Additional SIMs	1:2,500	1987	9
Ordnance Survey Plan	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1993	11

Historical Map - Segment A10



Order Details

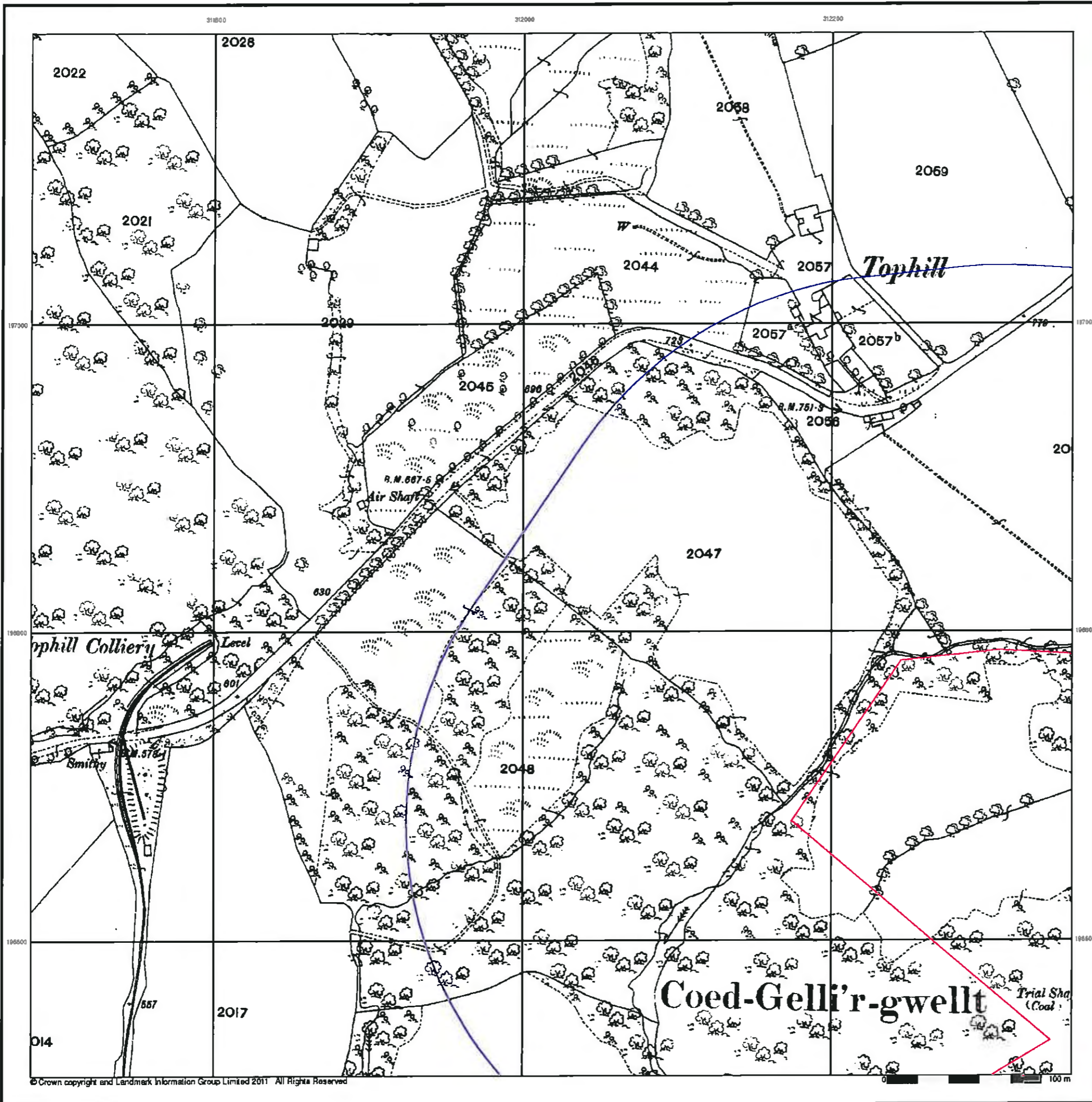
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

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Glamorganshire

Published 1875

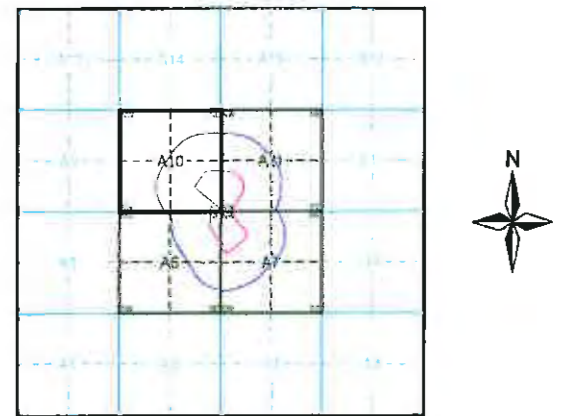
Source map scale - 1:2,500

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 A10



Order Details

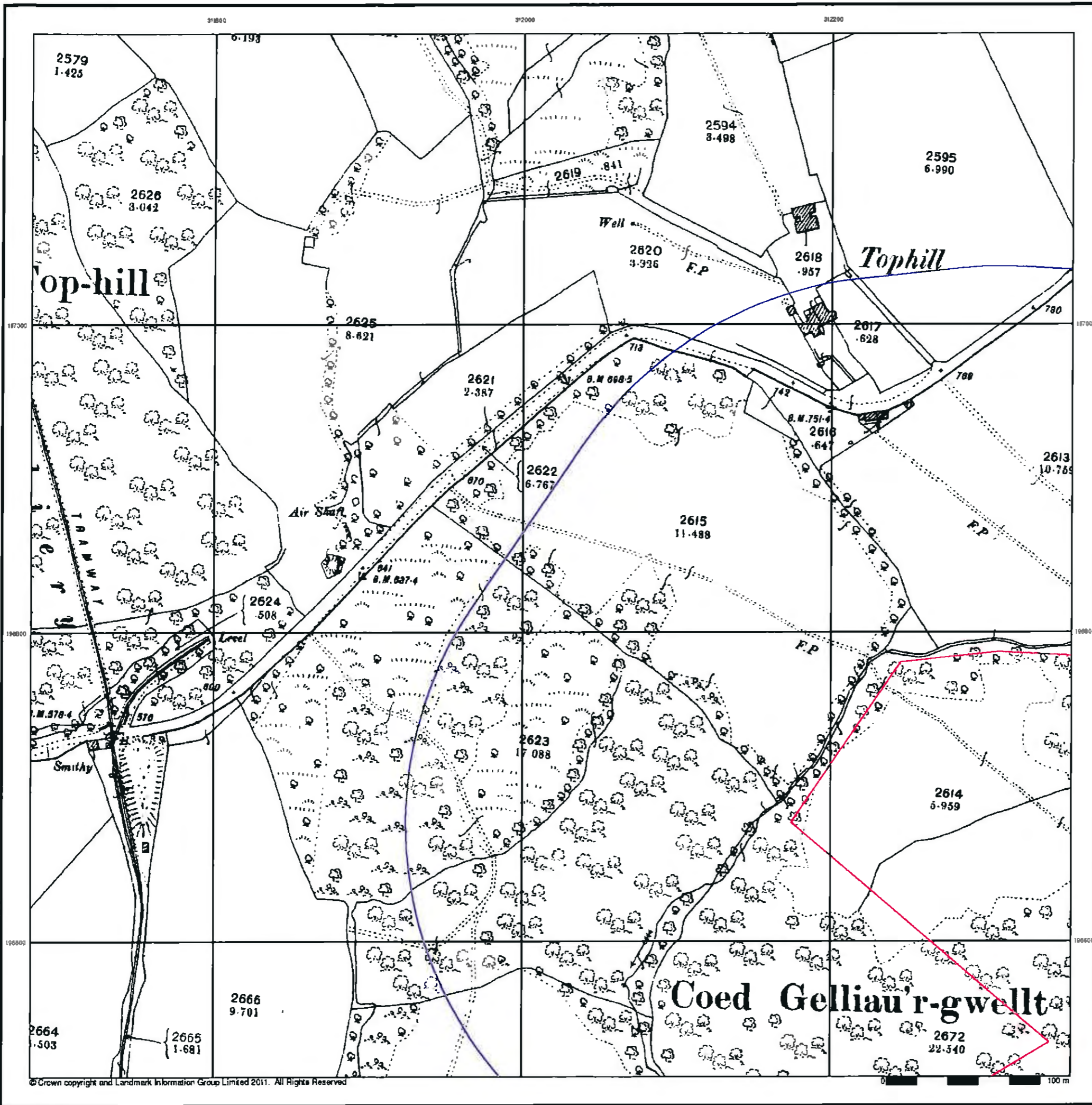
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
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 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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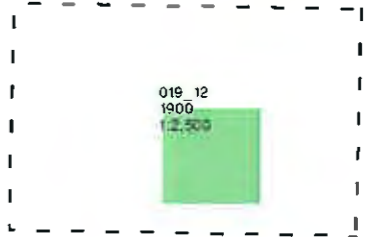
Tel 0844 844 9952
 Fax 0844 844 9951
 Web www.envirocheck.co.uk



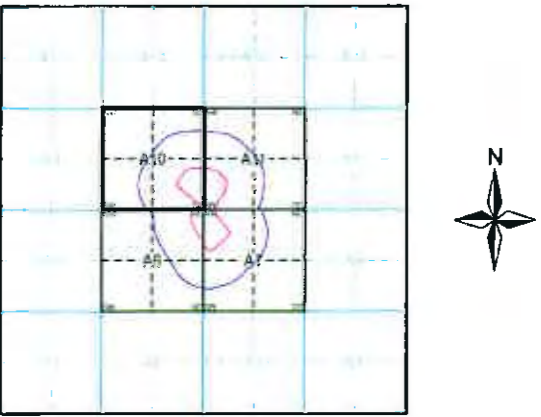
Glamorganshire
Published 1900
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

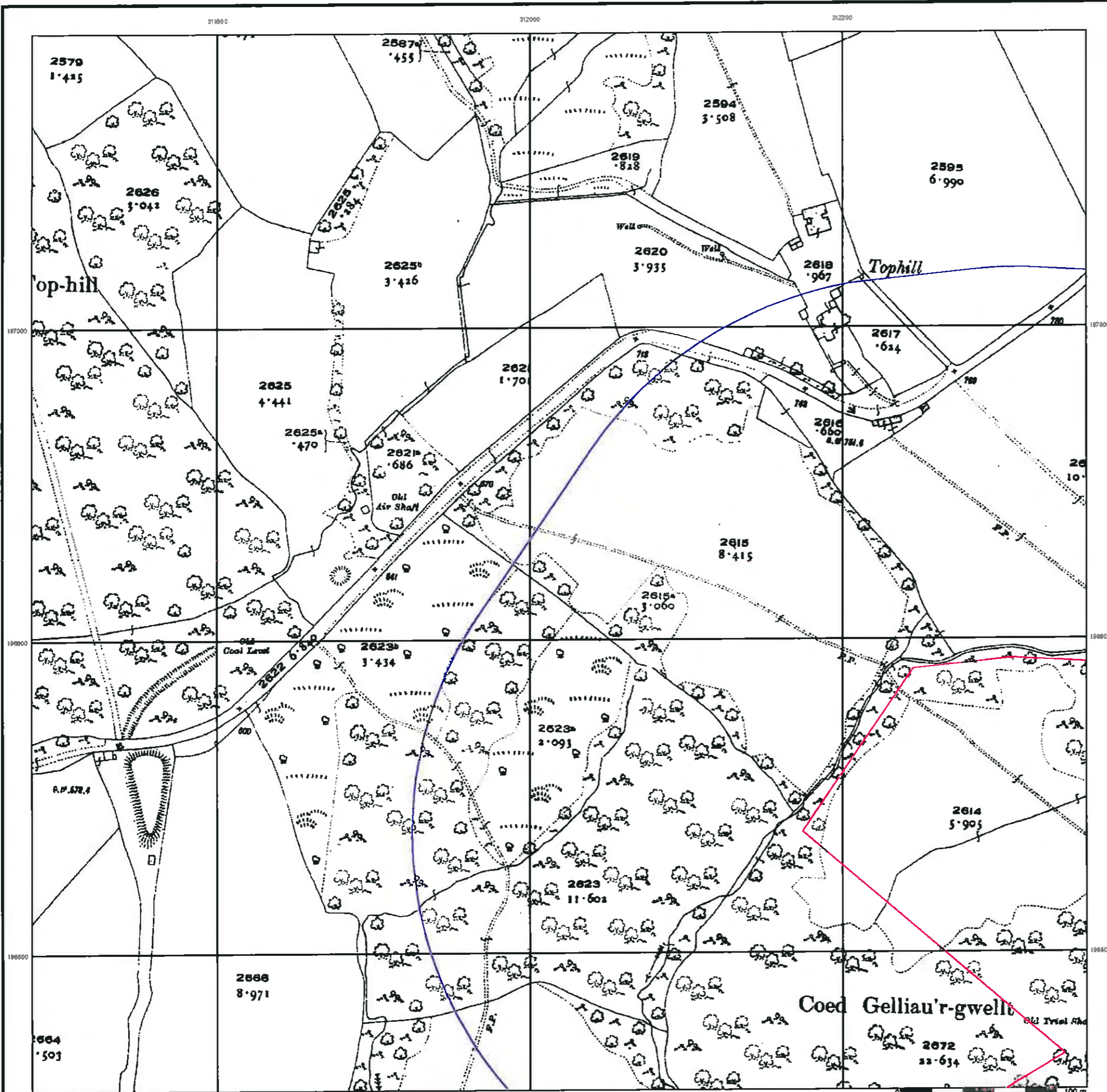
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
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 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



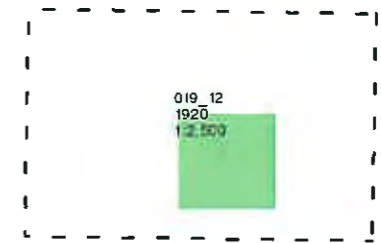
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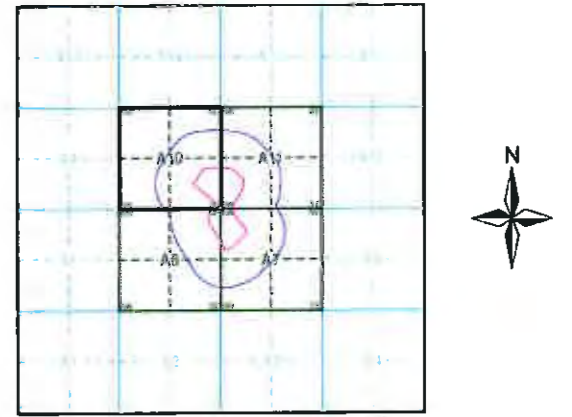
Glamorganshire
Published 1920
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

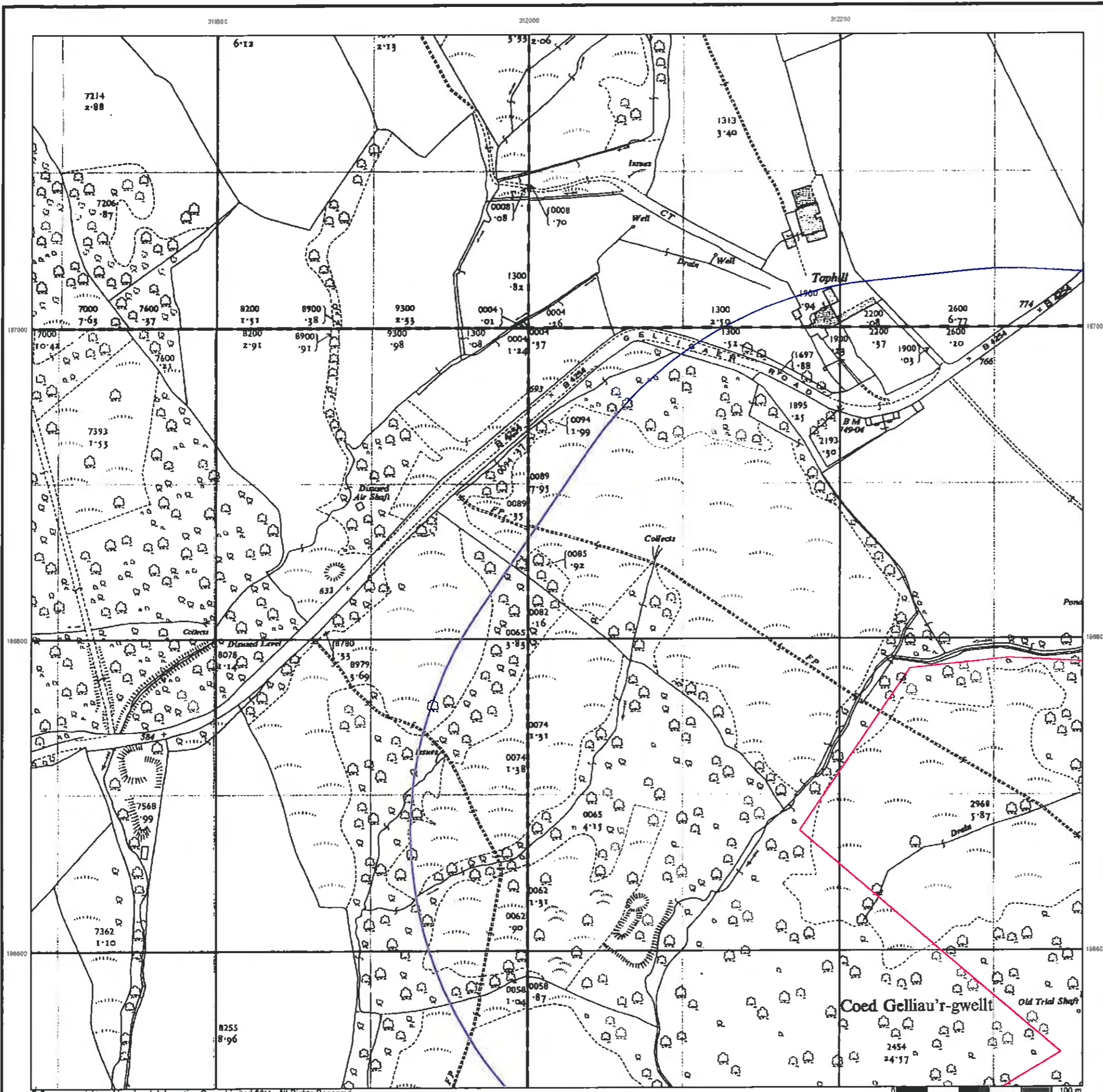
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

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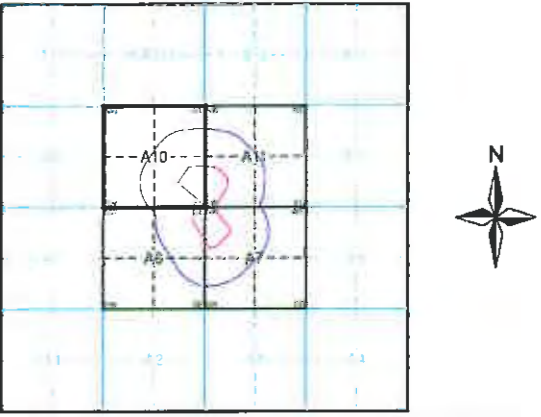
Ordnance Survey Plan
Published 1961
Source map scale - 1:2,500

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)

ST1197 1981 1:2,500	ST1297 1981 1:2,500
ST1196 1981 1:2,500	ST1296 1981 1:2,500

Historical Map - Segment A10



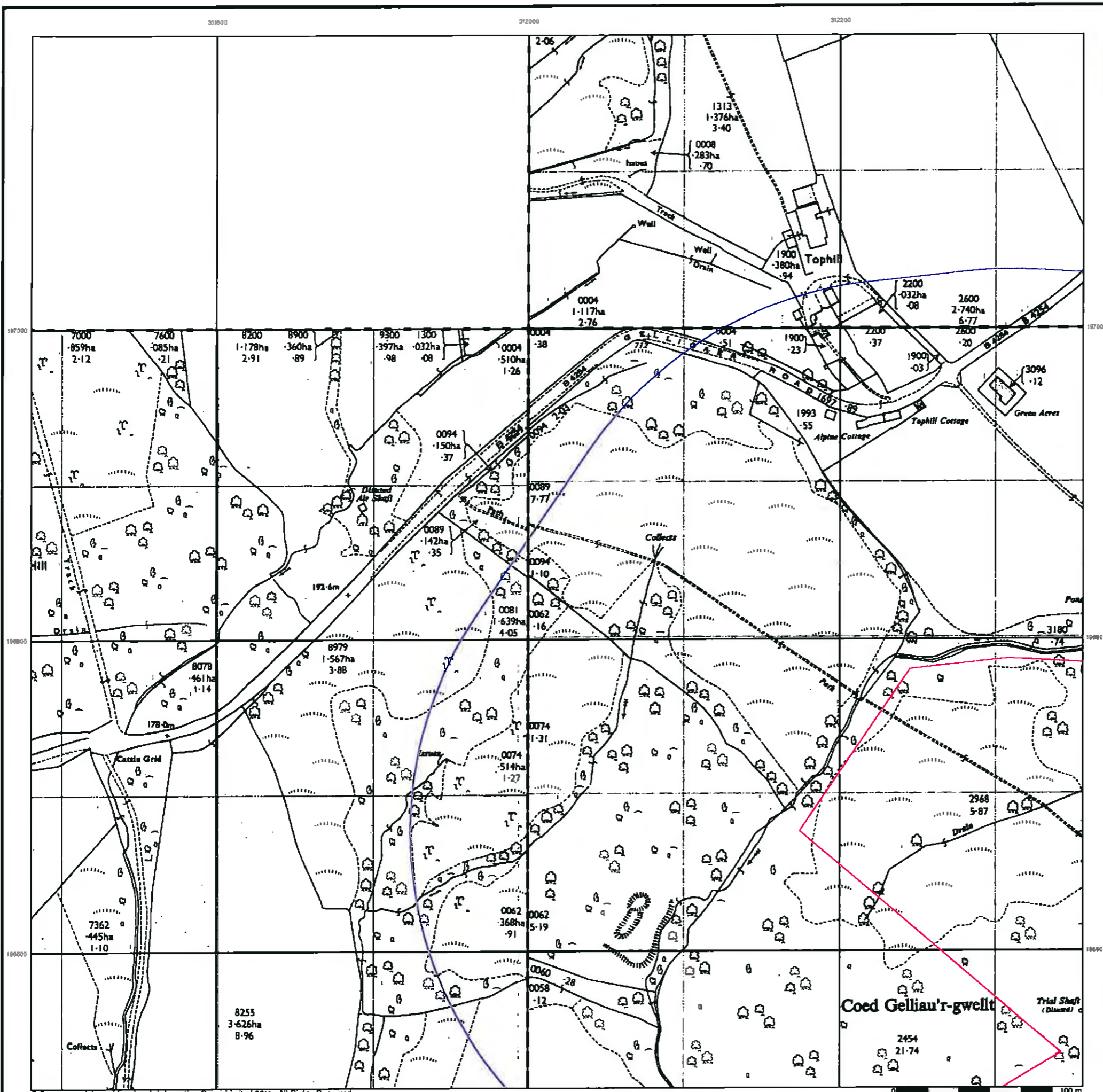
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

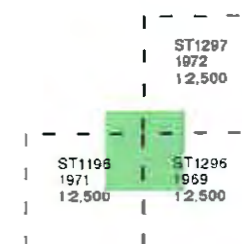




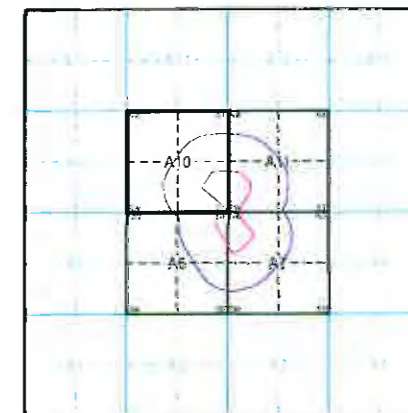
Ordnance Survey Plan
Published 1969 - 1972
Source map scale - 1:2,500

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 1898 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 A10

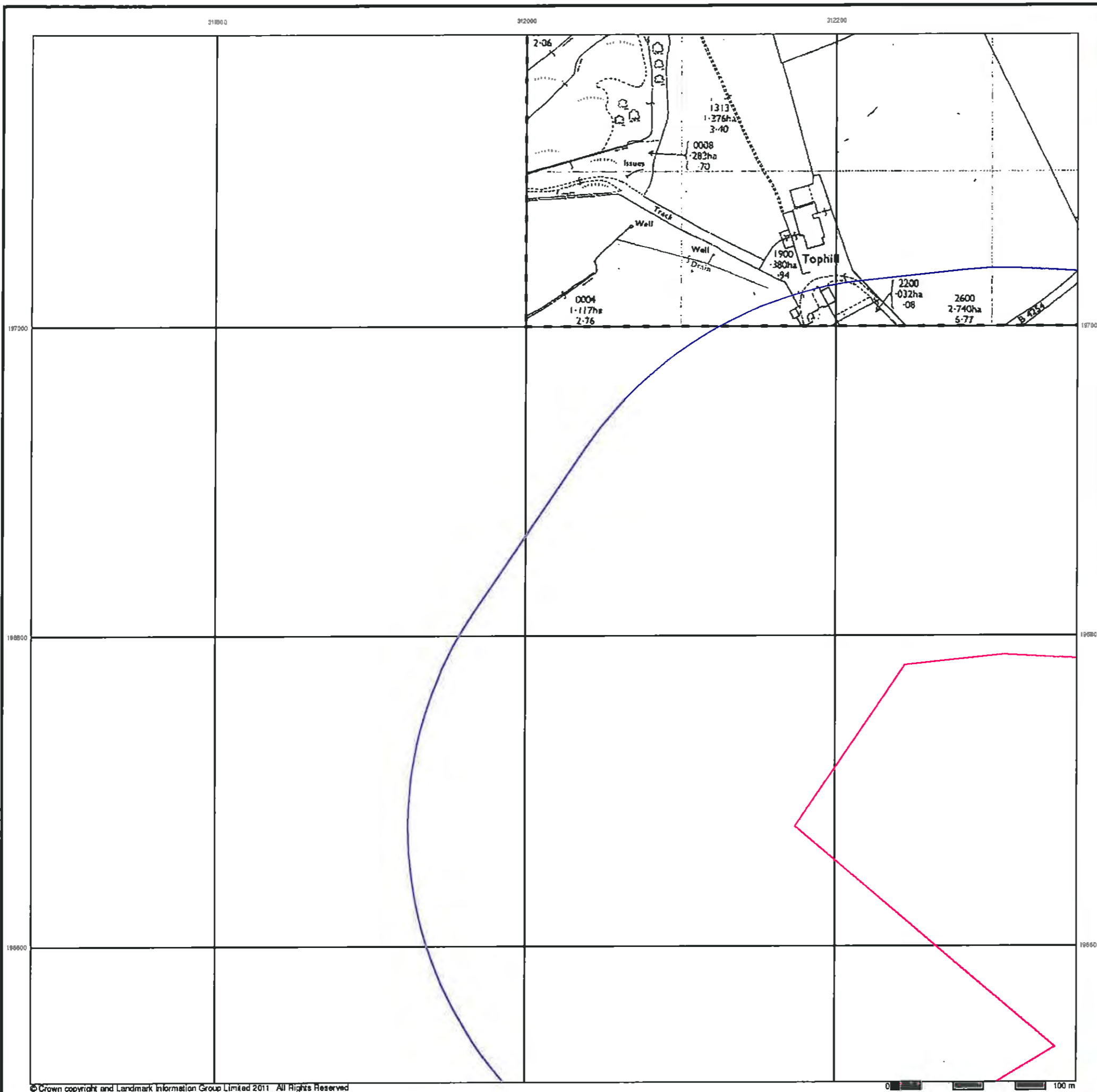


Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
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Site Details

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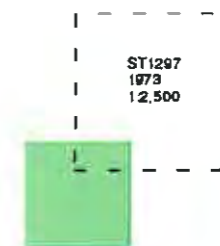
Supply of Unpublished Survey Information

Published 1973

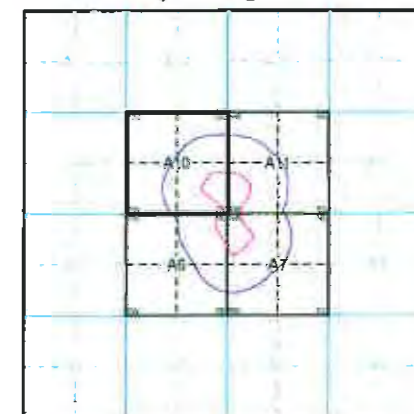
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

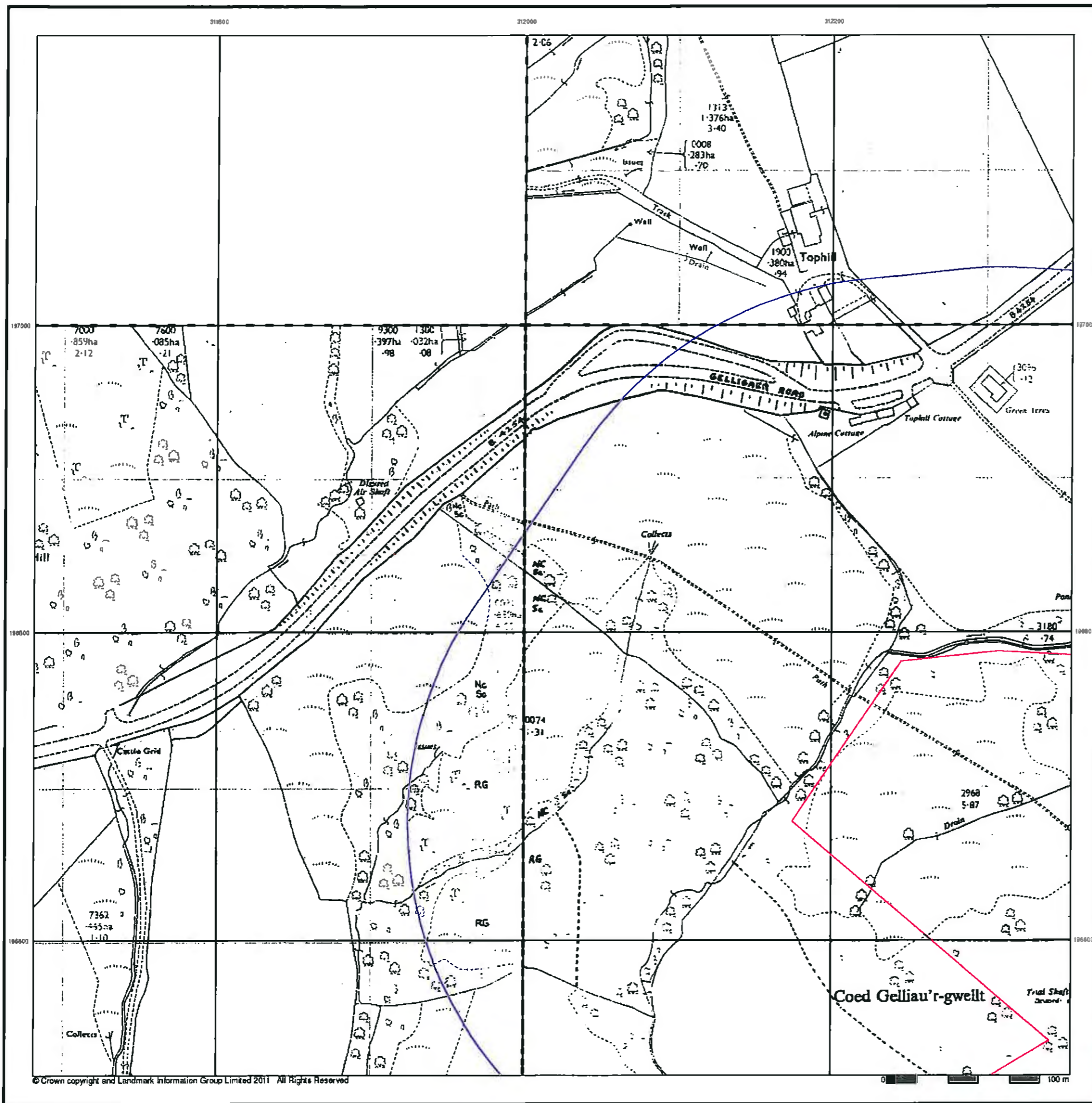
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 Slice: A
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 Search Buffer (m): 250

Site Details

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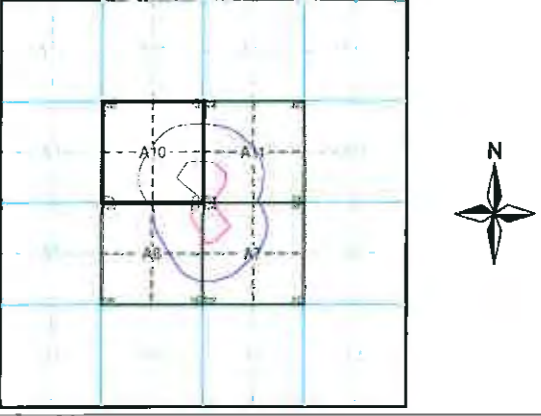
**Additional SIMs
Published 1982 - 1990
Source map scale - 1:2,500**

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

Map Name(s) and Date(s)

ST1297	1982	12,500
ST1194	1992	12,500
ST1296	1990	12,500

Historical Map - Segment A10



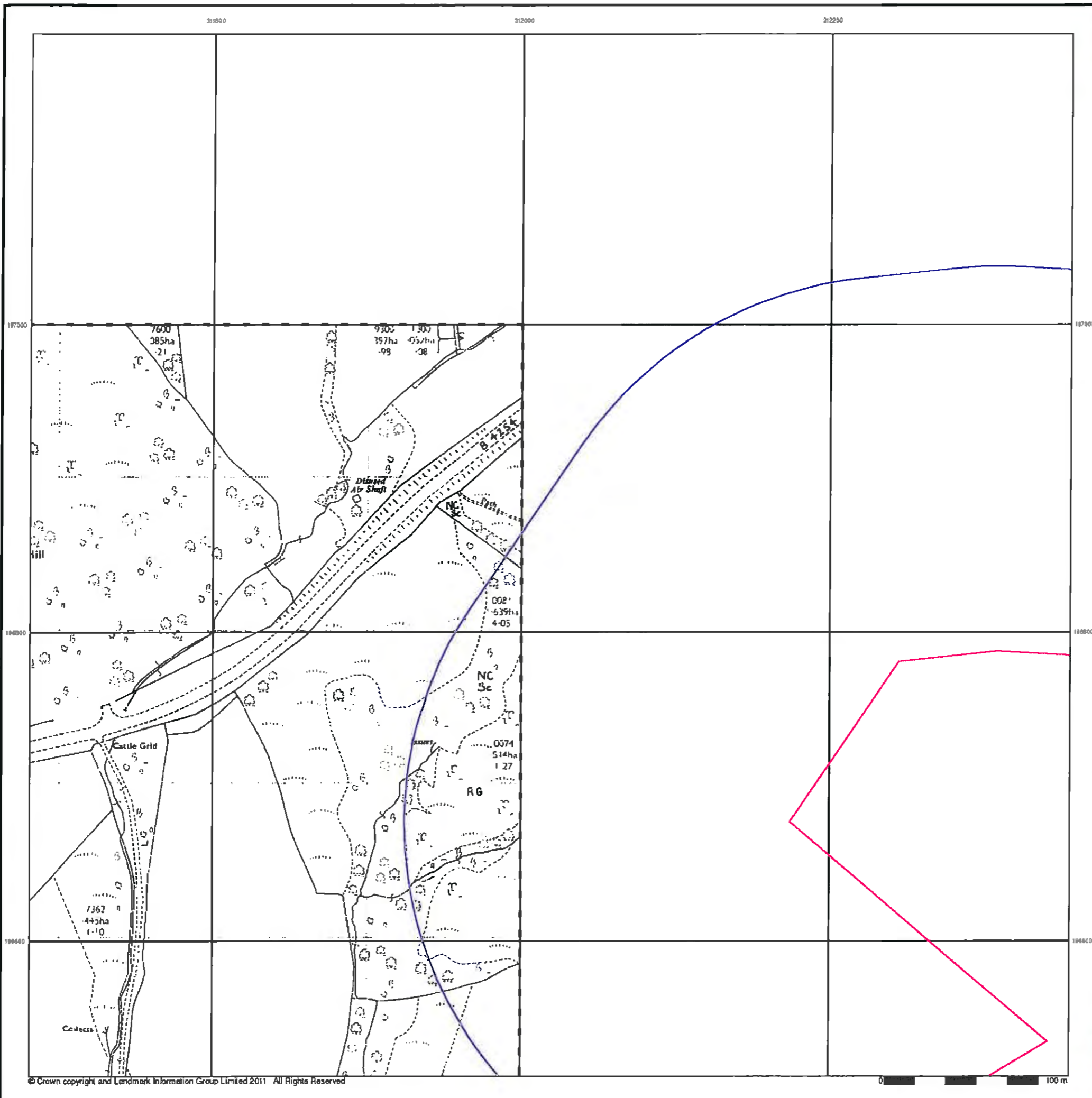
Order Details

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 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
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Site Details

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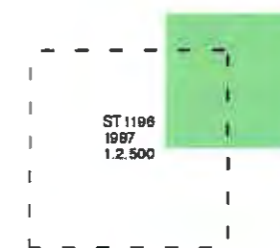
Additional SIMs

Published 1987

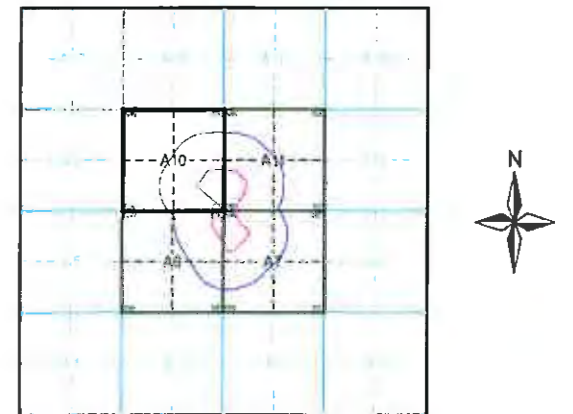
Source map scale - 1:2,500

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 A10



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
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 Site Area (Ha): 10.87
 Search Buffer (m): 250

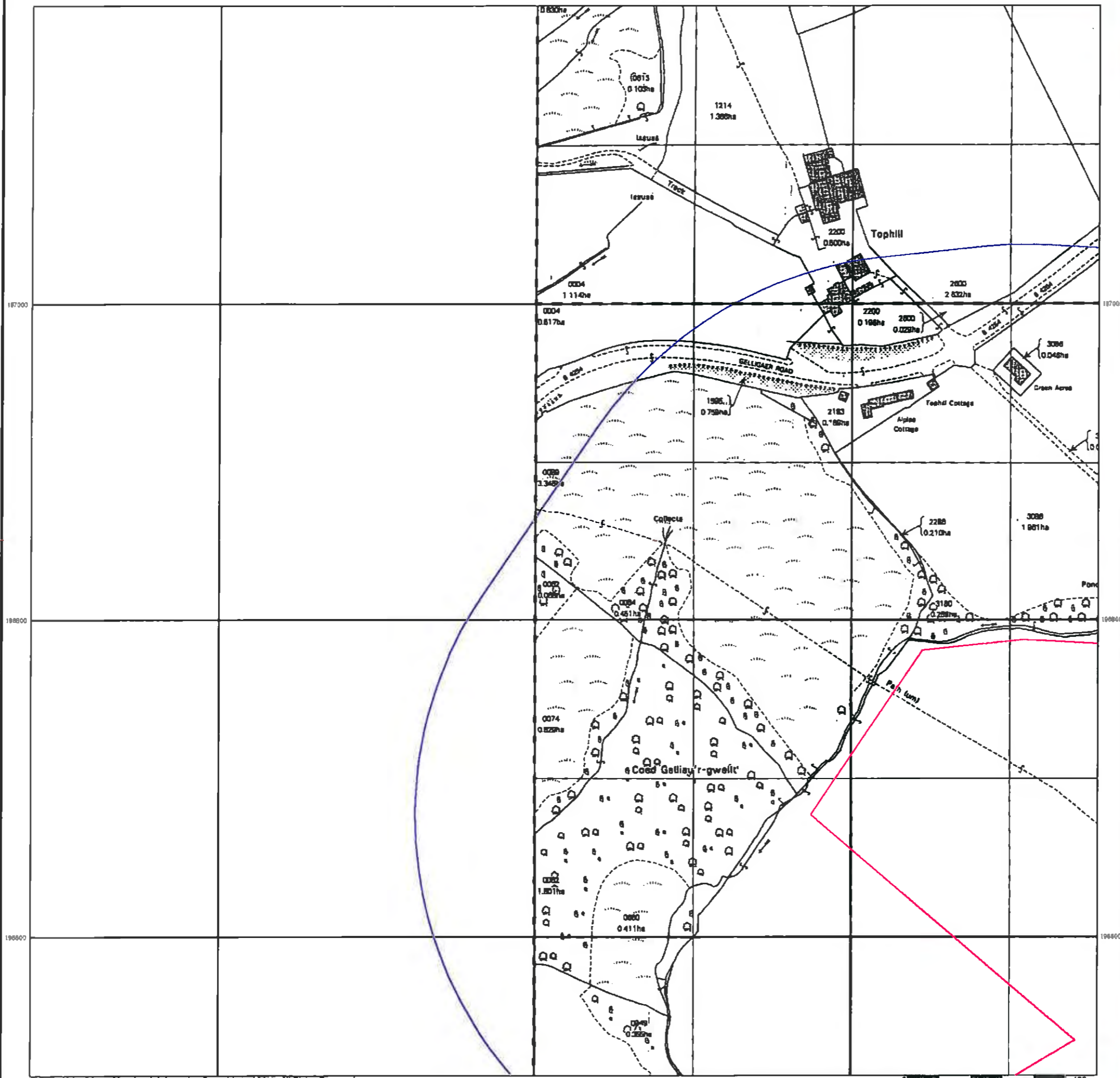
Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

31800

31200

31200



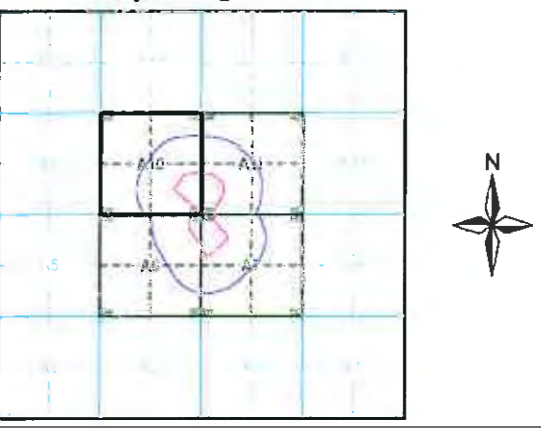
Ordnance Survey Plan
Published 1991
Source map scale - 1:2,500

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)

ST1297	1991	1:2,500
ST1296	1991	1:2,500

Historical Map - Segment A10



Order Details

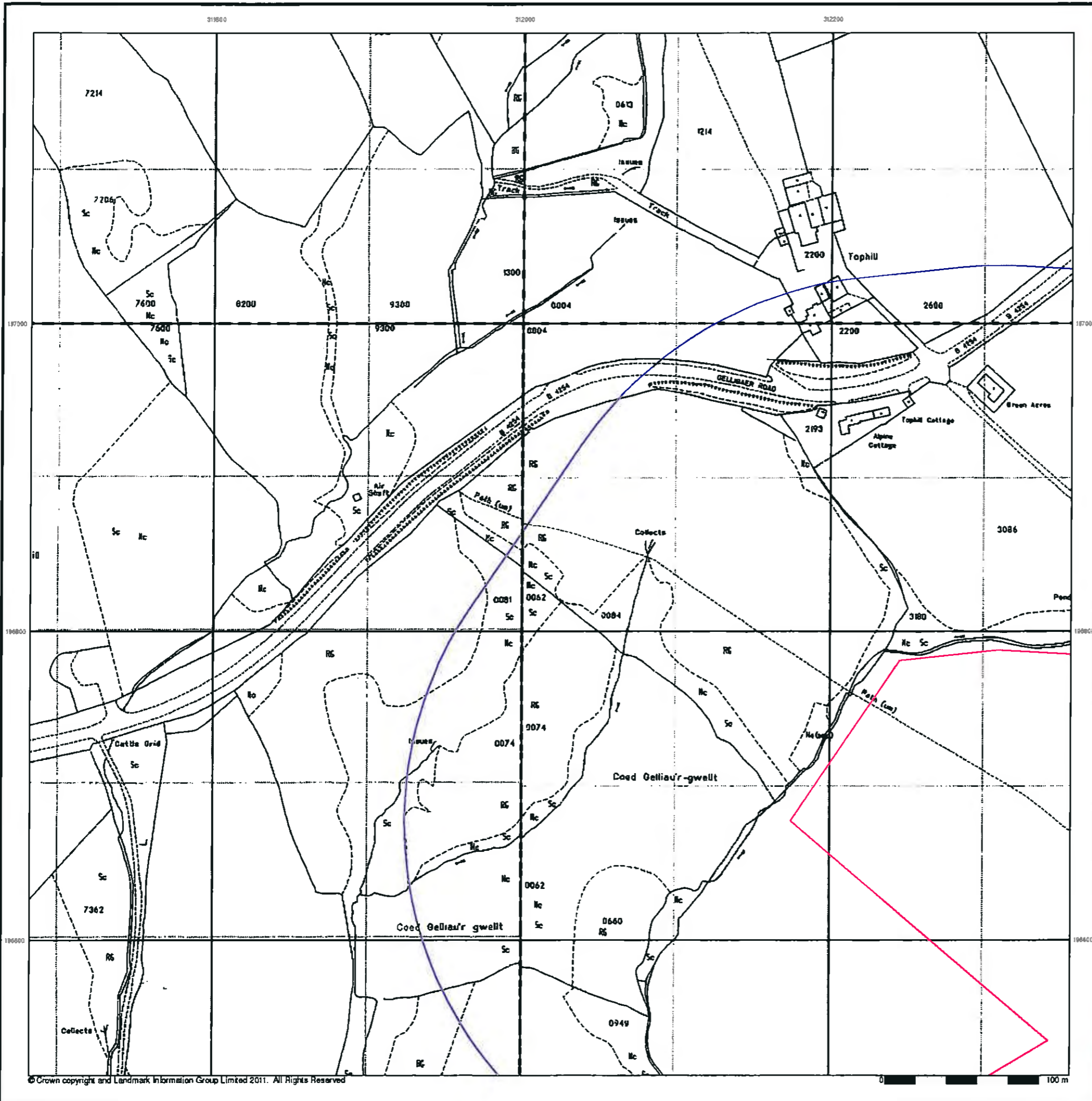
Order Number: 36083971_1_1
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 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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**Large-Scale National Grid Data
Published 1993**

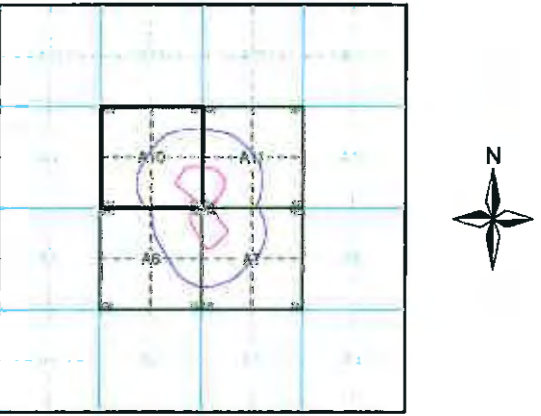
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST1197 1993 12,500	ST1297 1993 12,500
ST1196 1993 12,500	ST1296 1993 12,500

Historical Map - Segment A10



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

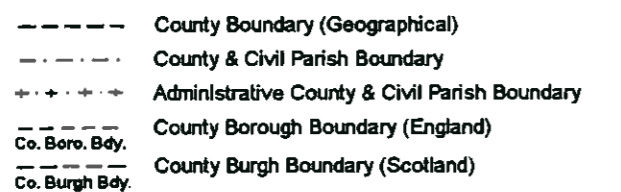
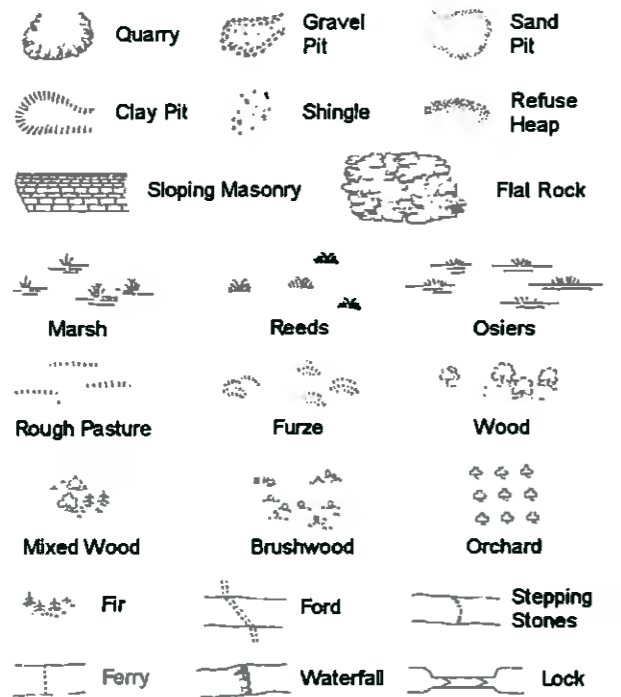
Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

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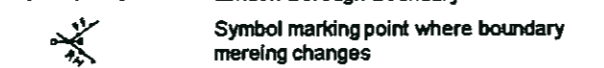
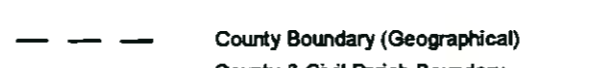
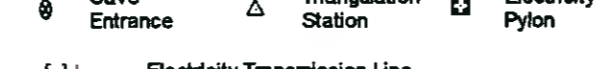
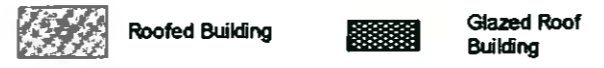
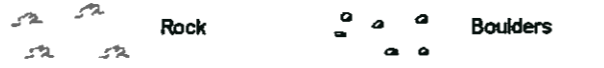
Historical Mapping Legends

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	SL	Stulce
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
EI P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

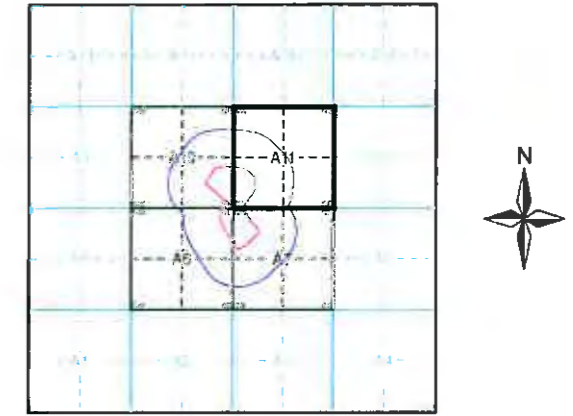
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cls	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
EI Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
EI P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
EI Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governor	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
GH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1875 - 1877	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1919 - 1920	4
Ordnance Survey Plan	1:2,500	1961	5
Ordnance Survey Plan	1:2,500	1969 - 1972	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Additional SIMs	1:2,500	1977 - 1990	8
Additional SIMs	1:2,500	1982 - 1985	9
Additional SIMs	1:2,500	1989	10
Ordnance Survey Plan	1:2,500	1991	11
Large-Scale National Grid Data	1:2,500	1993	12

Historical Map - Segment A11



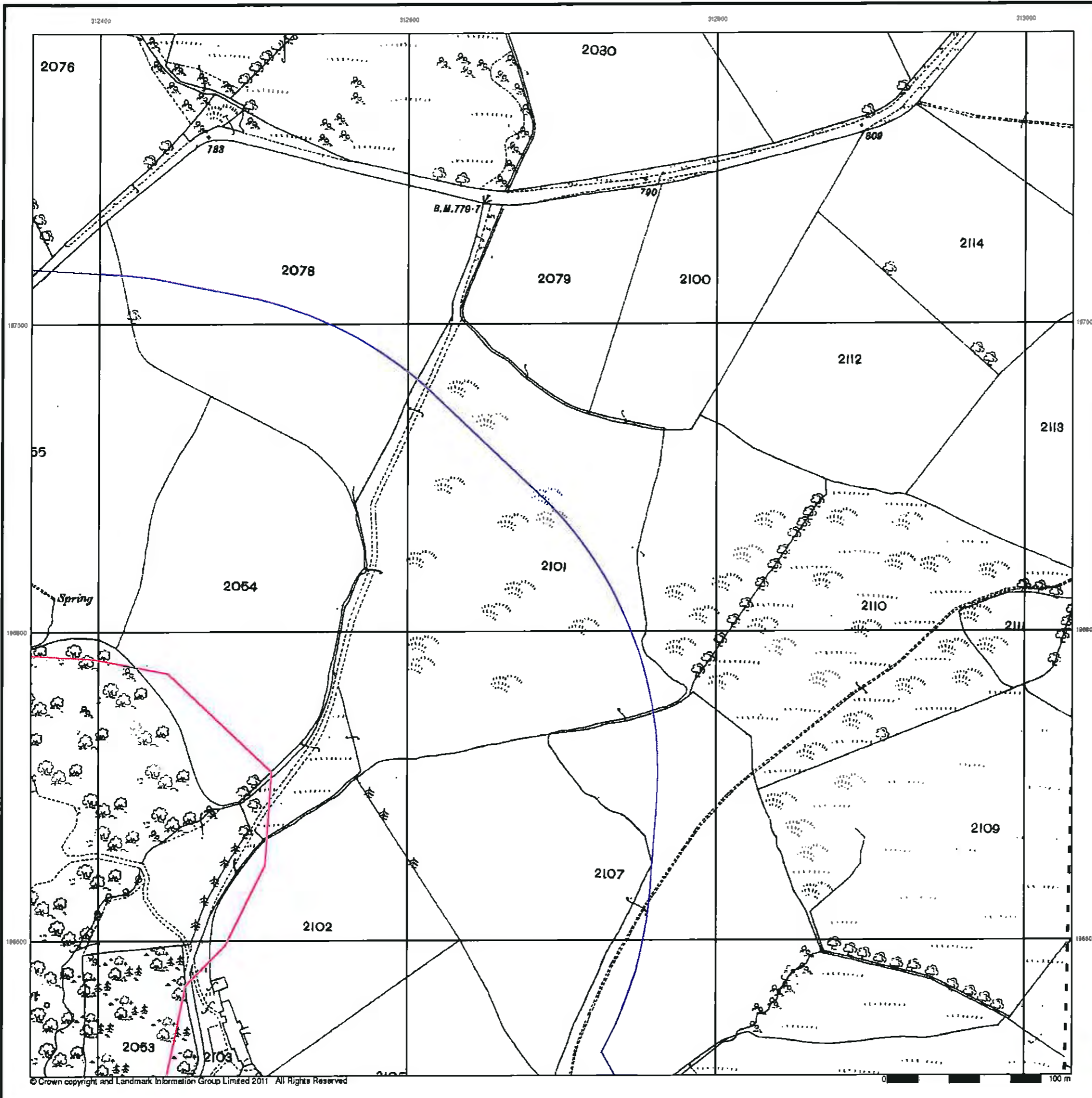
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

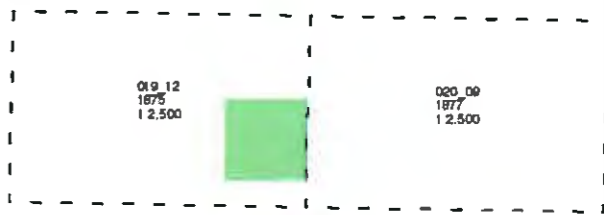




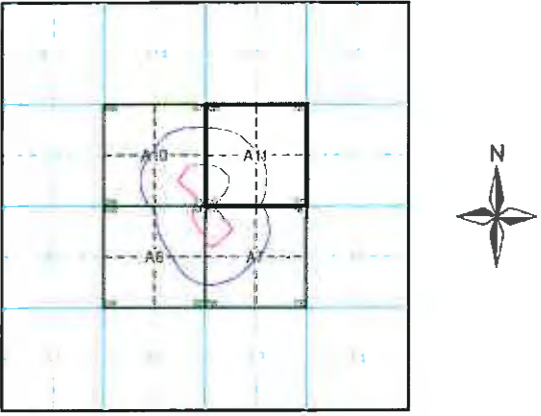
Glamorganshire
Published 1875 - 1877
Source map scale - 1:2,500

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 1880 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 A11



Order Details

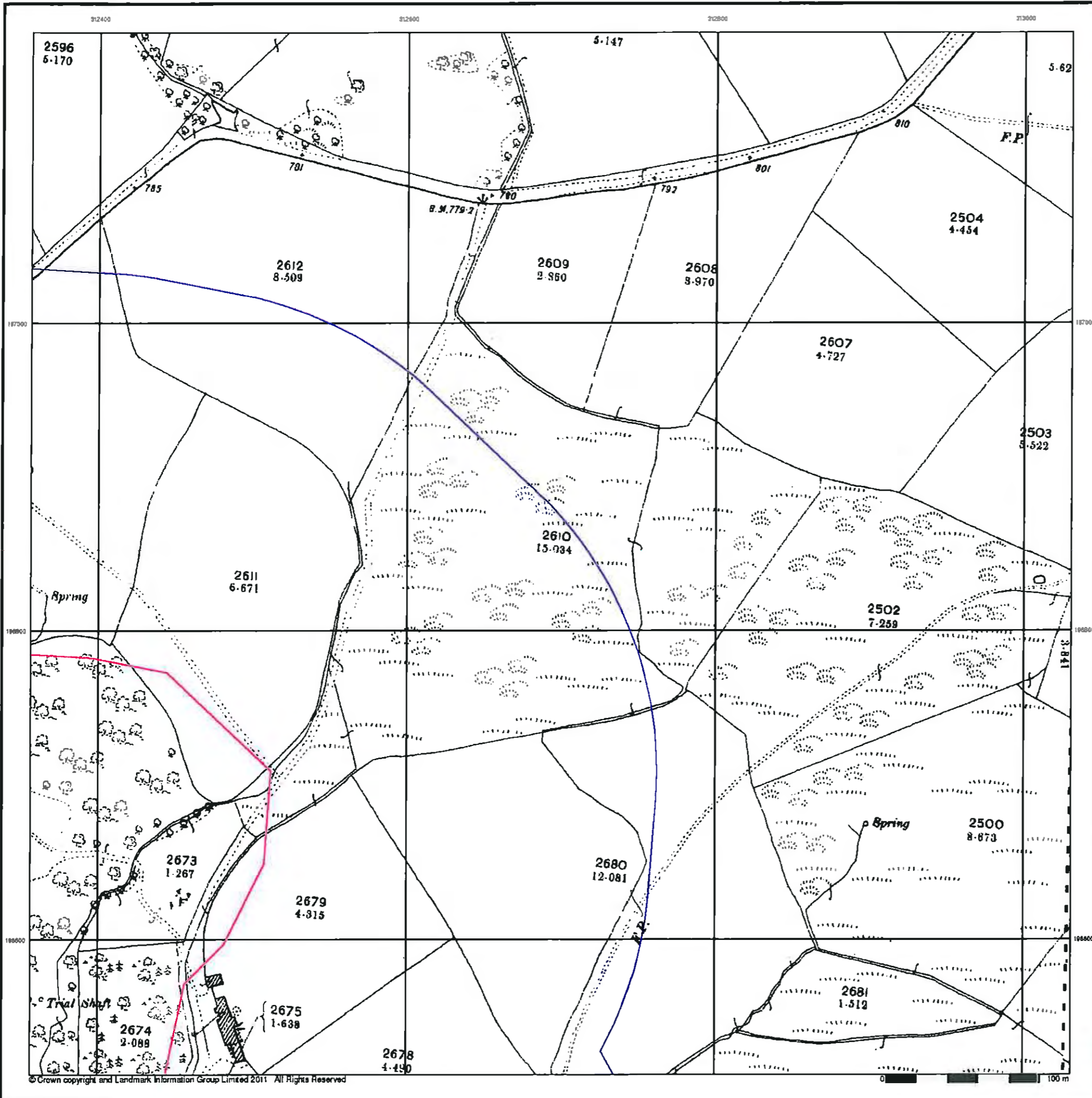
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Glamorganshire
Published 1900

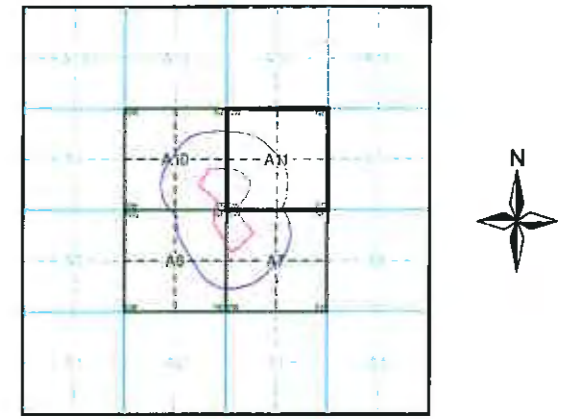
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

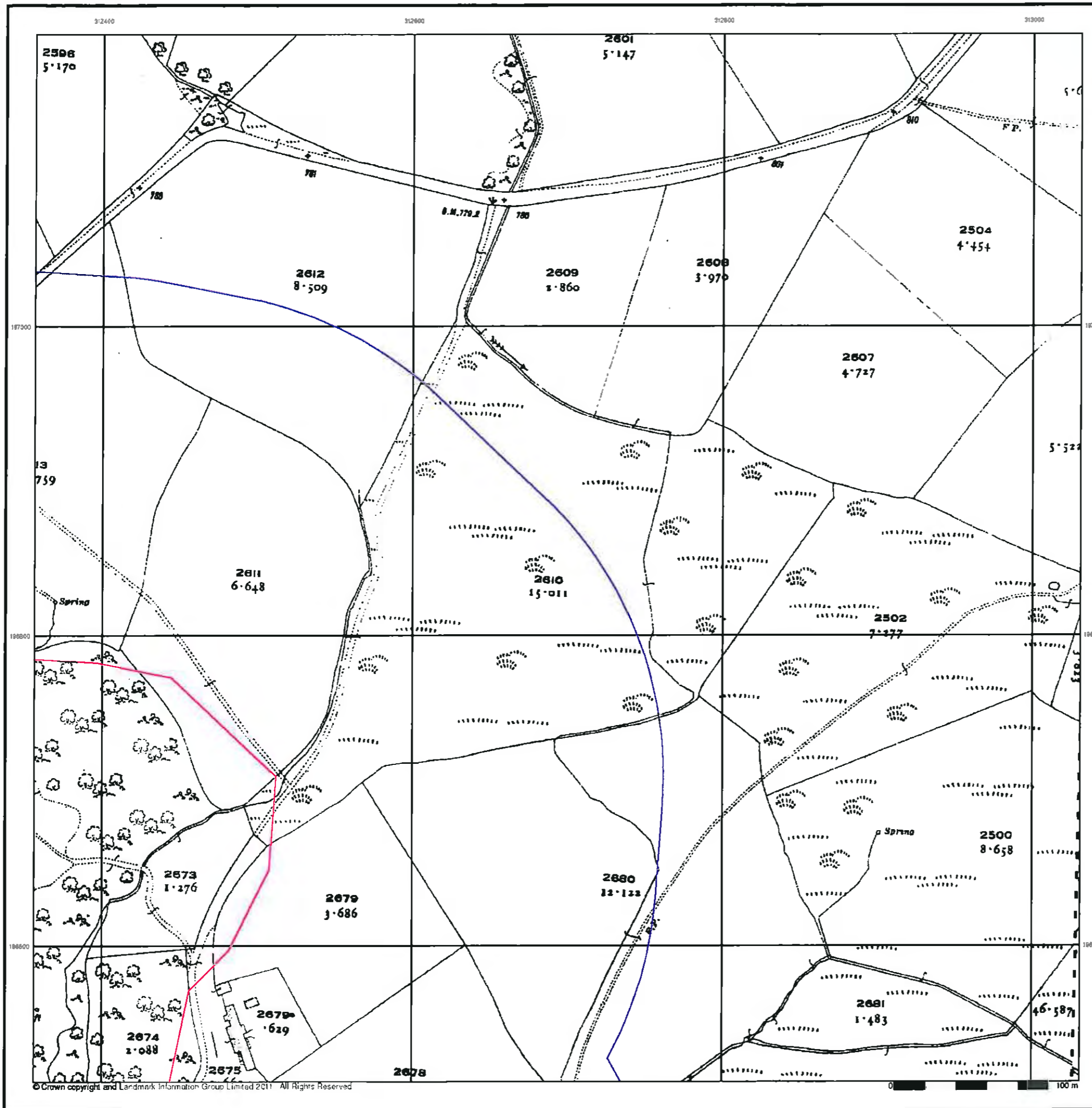
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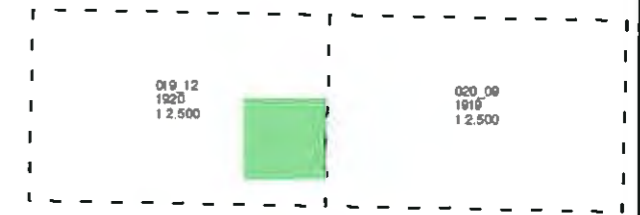
Glamorganshire

Published 1919 - 1920

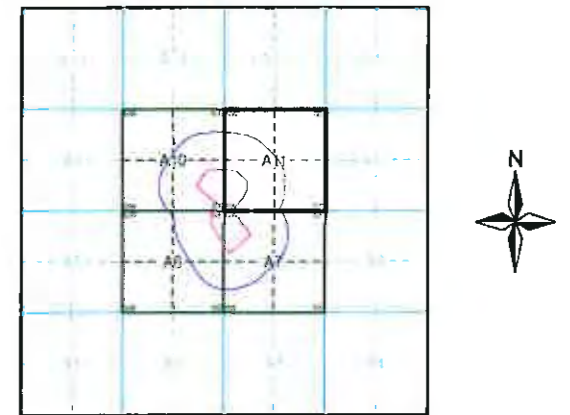
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

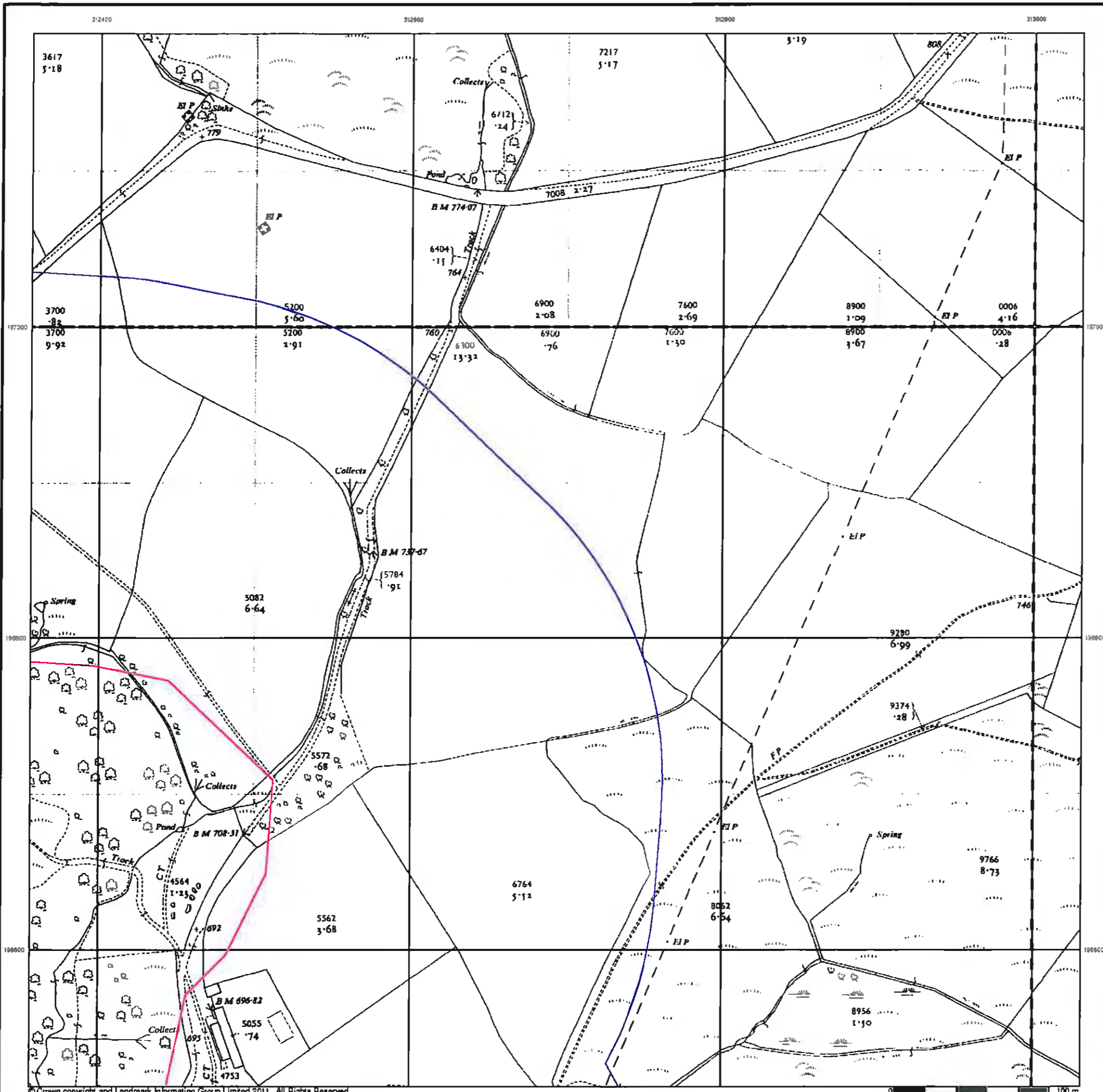
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Ordnance Survey Plan

Published 1961

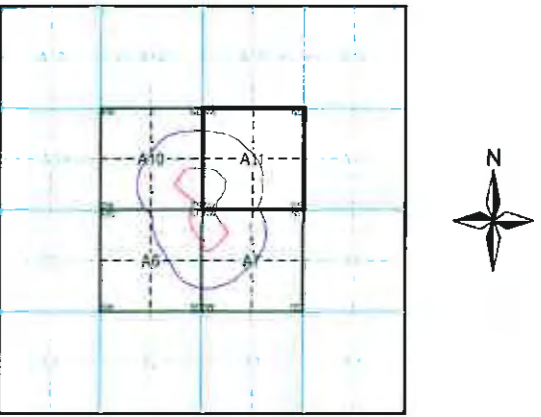
Source map scale - 1:2,500

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 1898 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)

ST1297 1961 1:2,500	ST1397 1961 1:2,500
ST1298 1961 1:2,500	ST1398 1961 1:2,500

Historical Map - Segment A11



Order Details

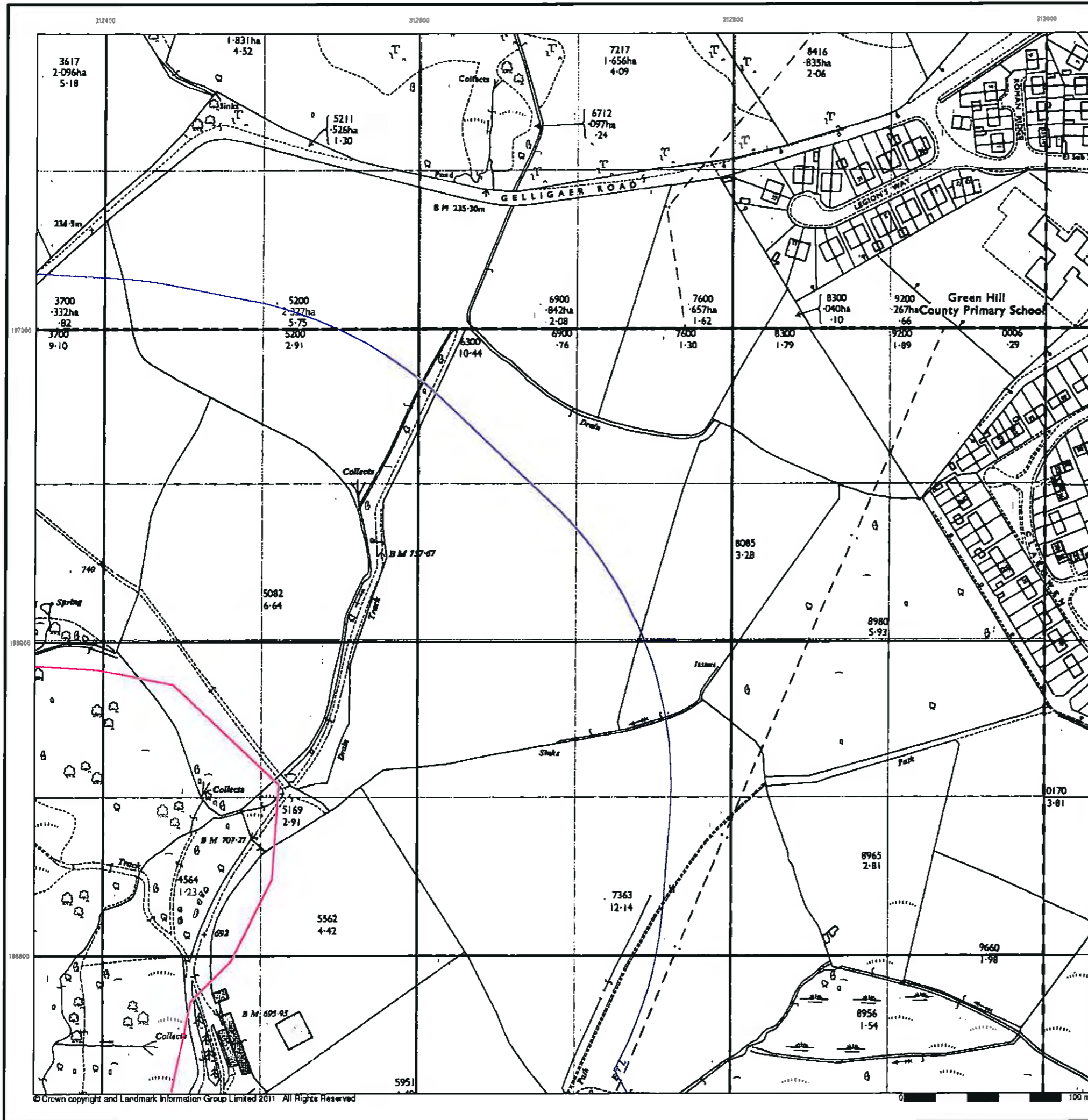
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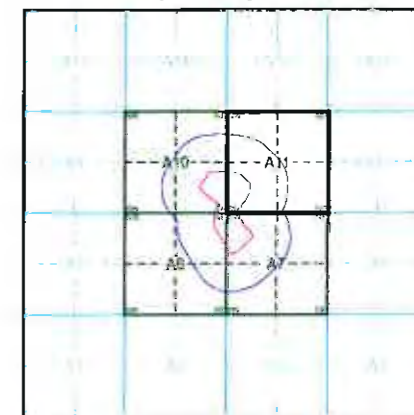
Ordnance Survey Plan
Published 1969 - 1972
Source map scale - 1:2,500

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 1899 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)

ST1297 1972 1:2,500	ST1397 1972 1:2,500
ST1298 1969 1:2,500	ST1398 1969 1:2,500

Historical Map - Segment A11



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
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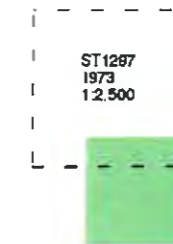
Supply of Unpublished Survey Information

Published 1973

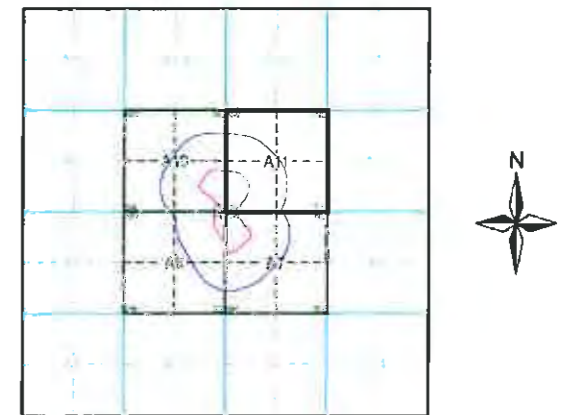
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

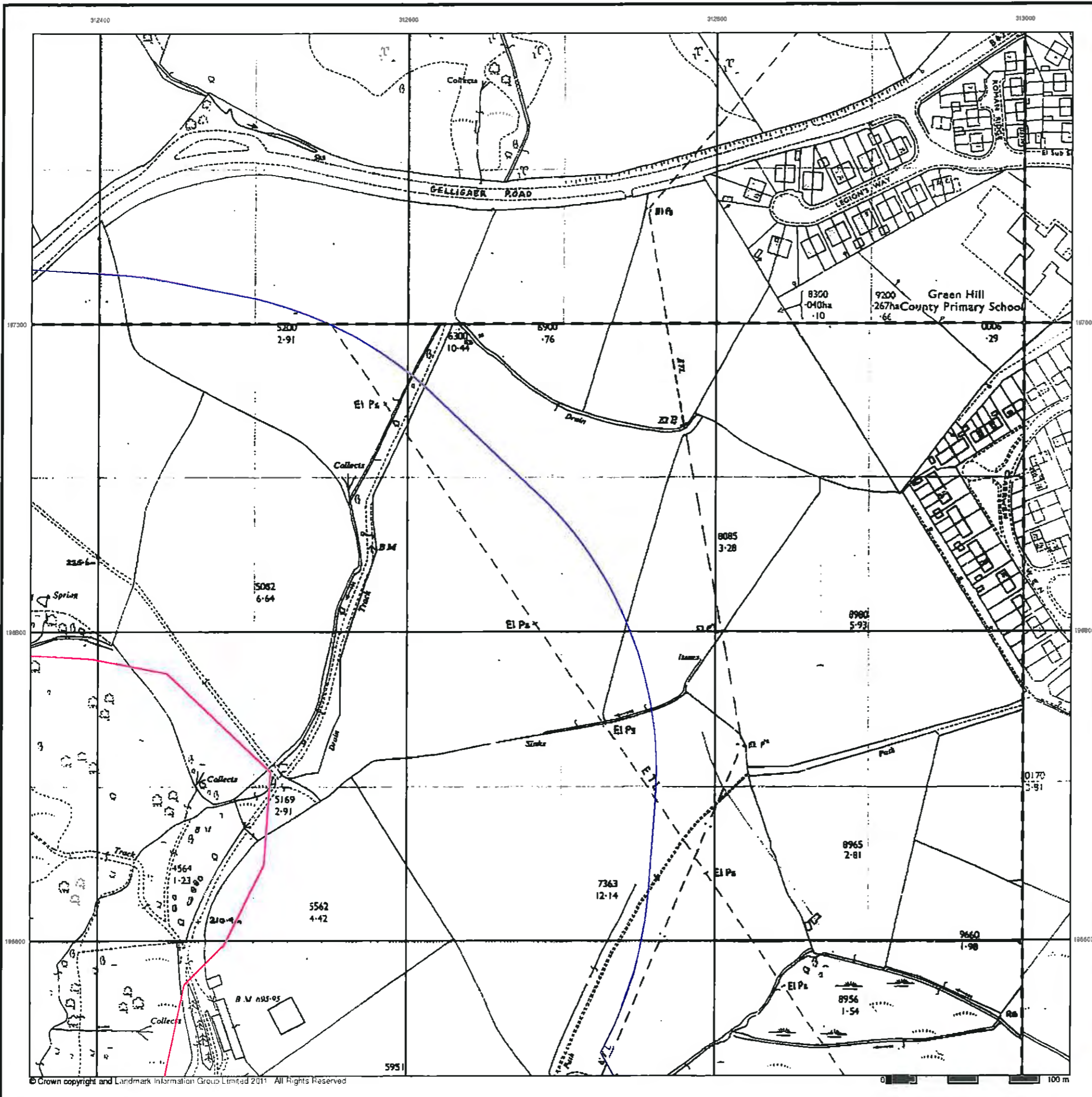
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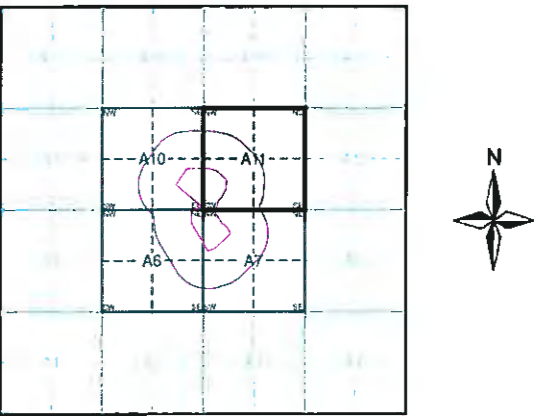
**Additional SIMs
Published 1977 - 1990
Source map scale - 1:2,500**

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

Map Name(s) and Date(s)

ST1297 1982 1:2,500	ST1397 1977 1:2,500
ST1296 1990 1:2,500	ST1396 1978 1:2,500

Historical Map - Segment A11



Order Details

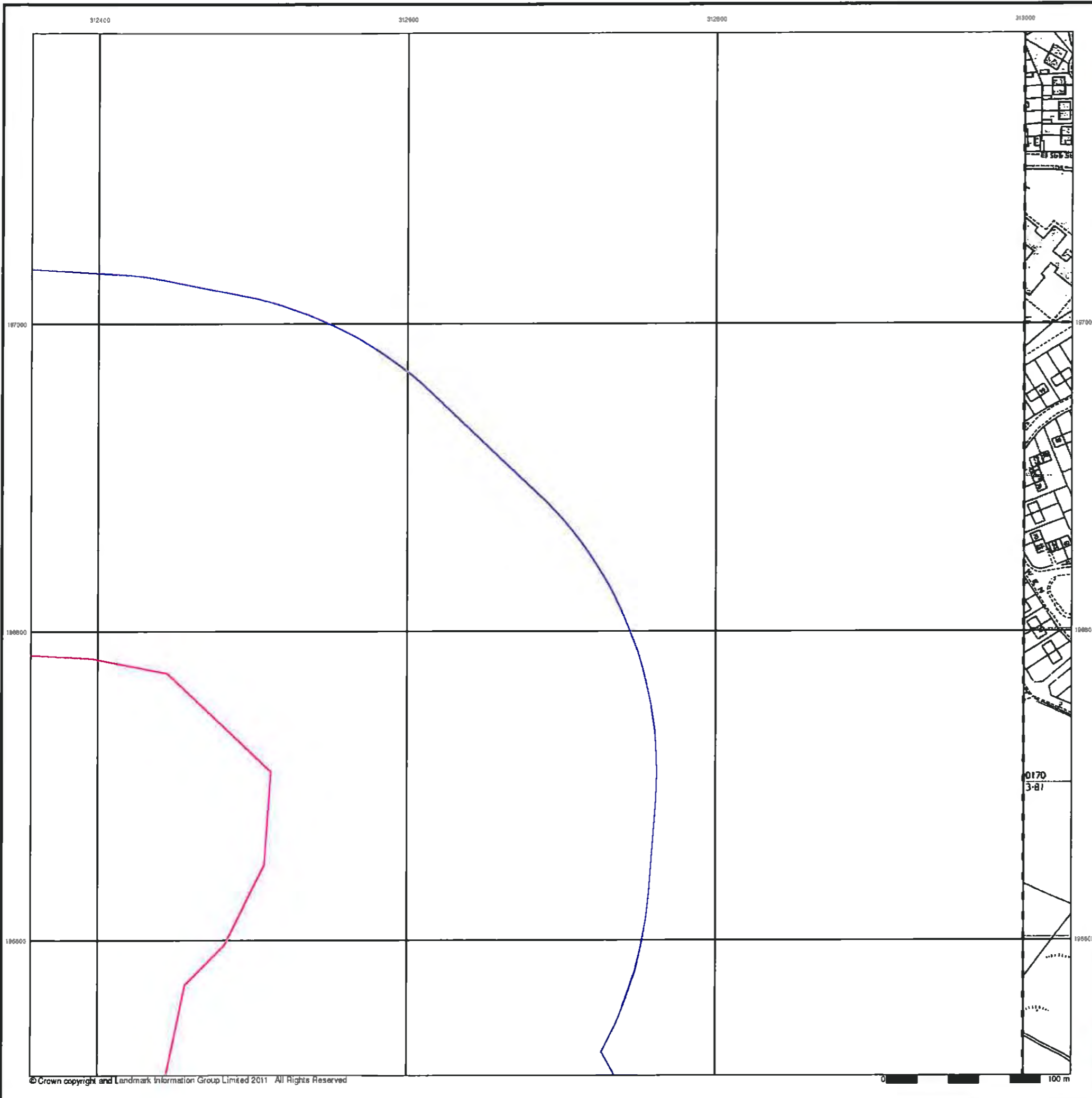
Order Number: 36083971_1_1
Customer Ref: Bryn Q
National Grid Reference: 312380, 196540
Slice: A
Site Area (Ha): 10.87
Search Buffer (m): 250

Site Details

Gelligaerwelt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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



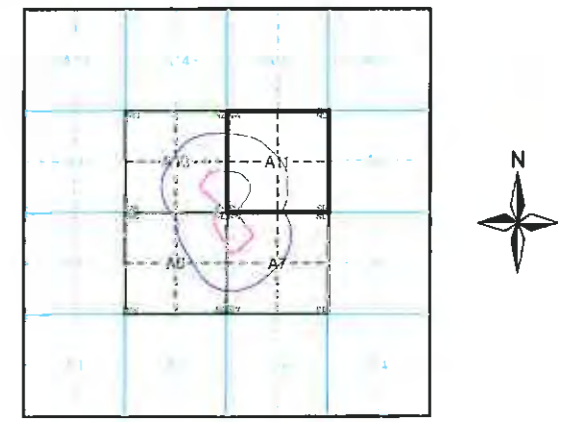
**Additional SIMs
Published 1982 - 1985
Source map scale - 1:2,500**

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)

ST1397	1982	12,500
ST1398	1985	12,500

Historical Map - Segment A11



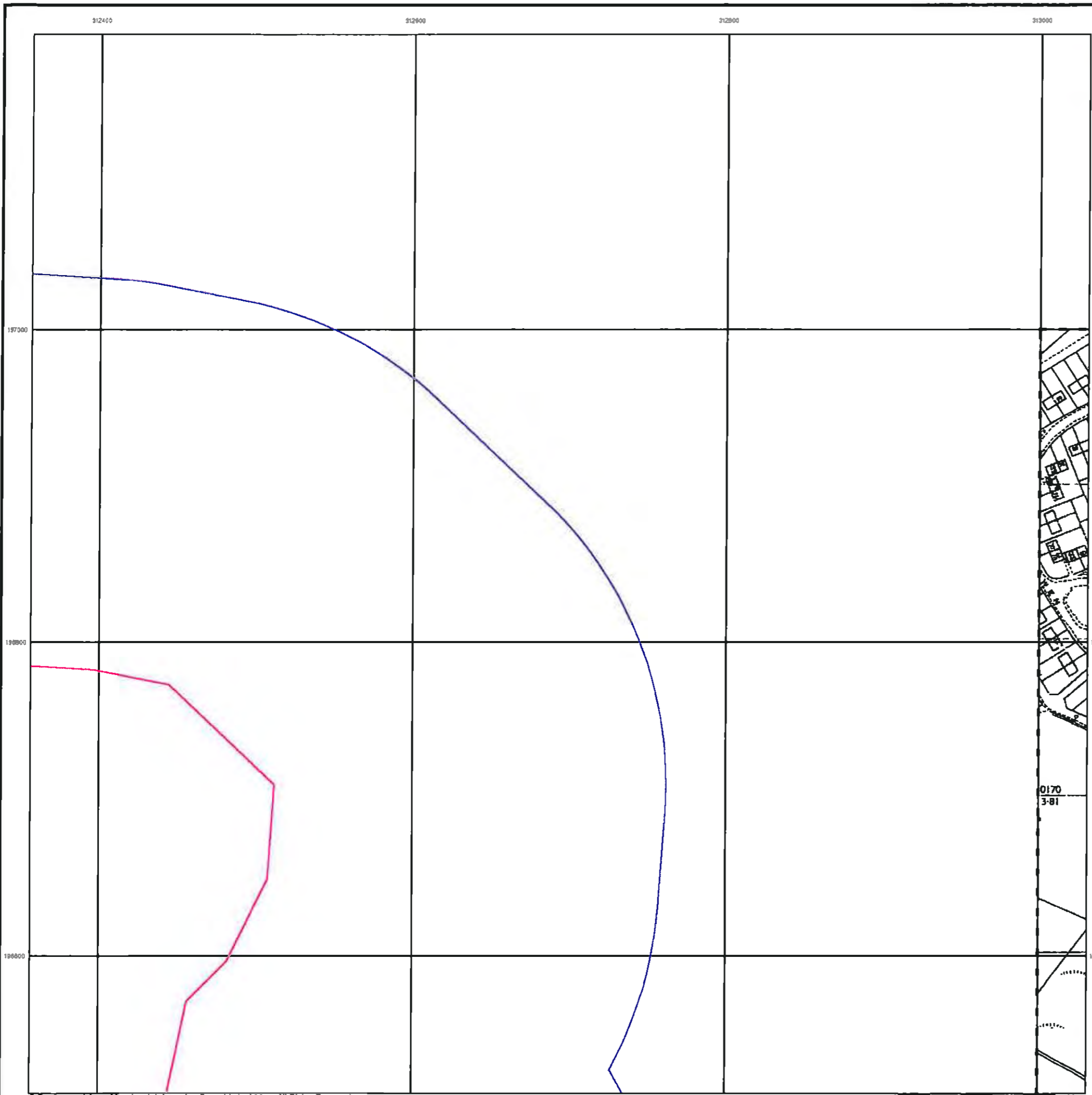
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY





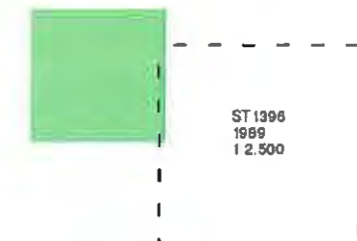
Additional SIMs

Published 1989

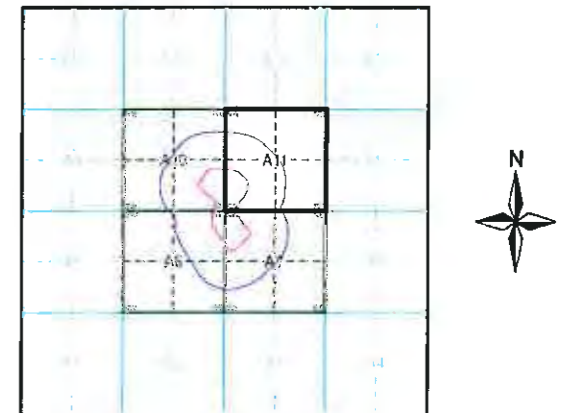
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



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