

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

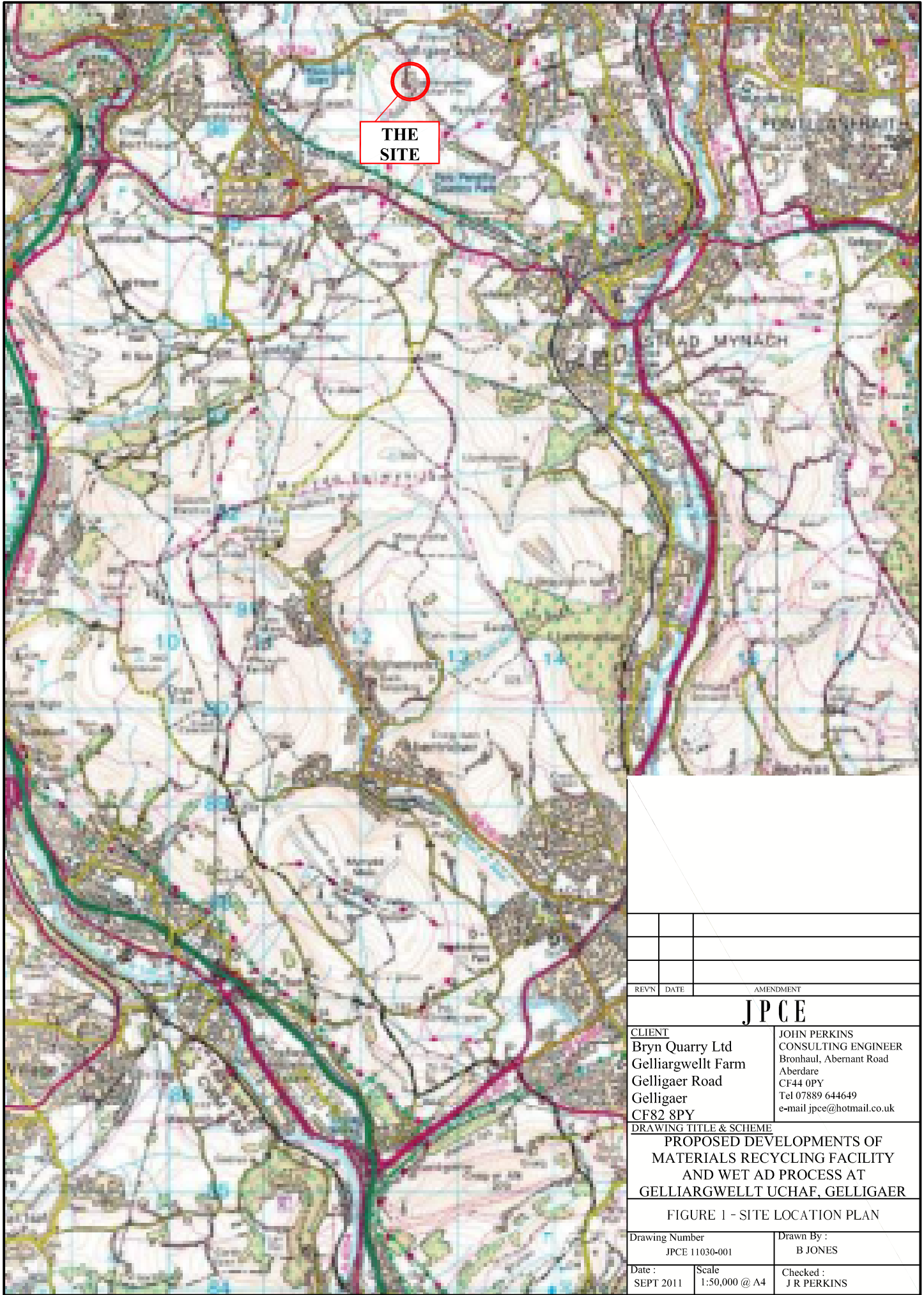
B M Jones BSc. MSc FGS

Report Reviewed by

J R Perkins BSc. C.Eng MICE

17 September 2011.

FIGURES



**THE
SITE**

REVN	DATE	AMENDMENT

J P C E

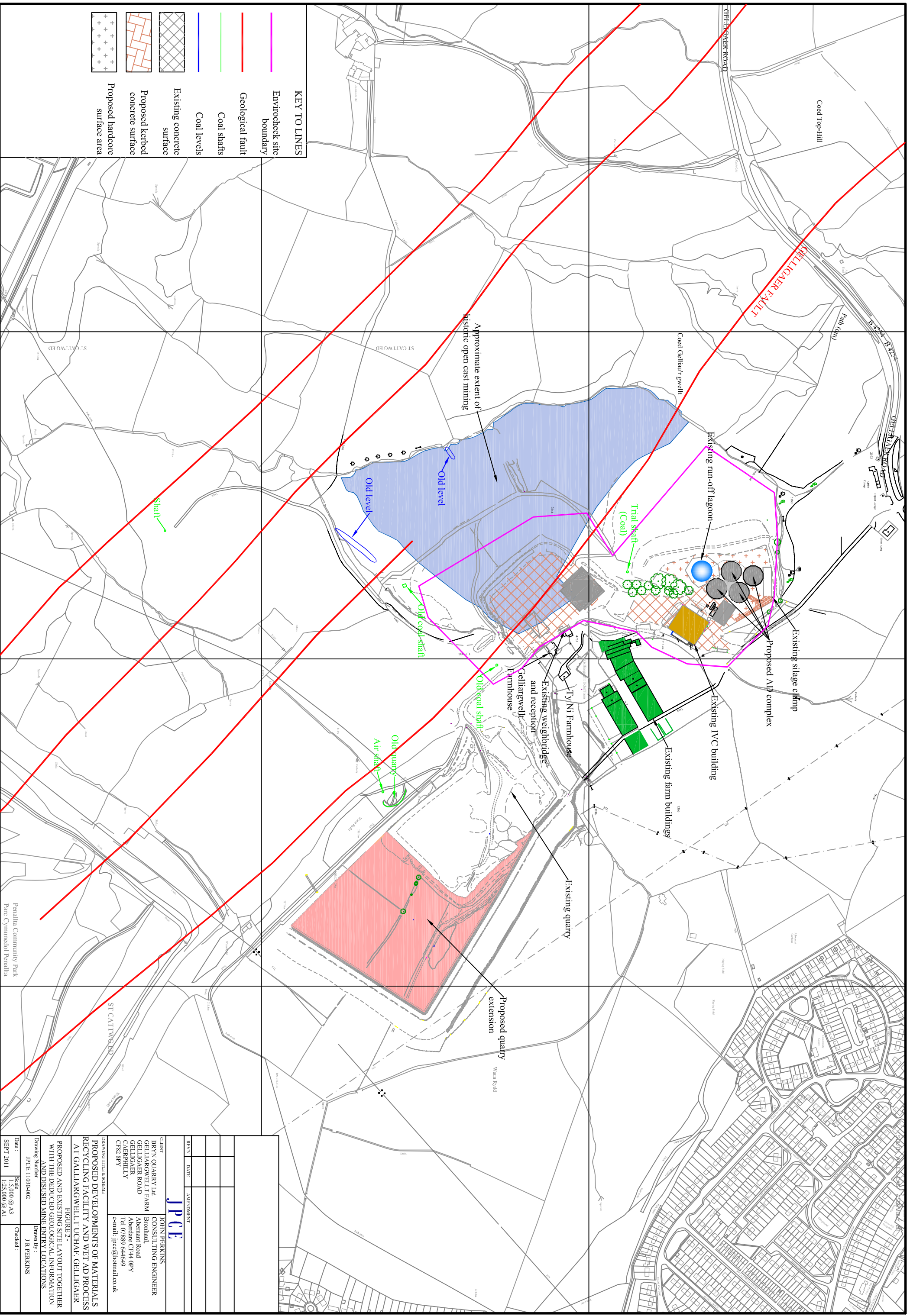
CLIENT Bryn Quarry Ltd Gelliargwellt Farm Gelligaer Road Gelligaer CF82 8PY	JOHN PERKINS CONSULTING ENGINEER Bronhaul, Abernant Road Aberdare CF44 0PY Tel 07889 644649 e-mail jpce@hotmail.co.uk
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DRAWING TITLE & SCHEME
**PROPOSED DEVELOPMENTS OF
 MATERIALS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

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



<p>CLIENT BRYN QUARRY Ltd GELLARGWELT FARM GELLIGAER ROAD CAERPHILLY CF82 8PY e-mail: jpec@bqmail.co.uk</p>	<p>JOHN PERKINS CONSULTING ENGINEER Broonant Road Abernethy CF44 0PY Tel 07889 644649 e-mail: jpec@bqmail.co.uk</p>
<p>DRAWING TITLE & SCHEME PROPOSED AND EXISTING SITE LAYOUT TOGETHER WITH THE DEDUCED GEOLOGICAL INFORMATION AND DISUSED MINE ENTRY LOCATIONS AT GALLARGWELT UCHAF, GELLIGAER</p>	<p>FIGURE 2 - PROPOSED DEVELOPMENTS OF MATERIALS RECYCLING FACILITY AND WET AD PROCESS</p>
<p>REV DATE AMENDMENT</p>	<p>JPEC</p>
<p>Date: Scale: Drawing Number: Drawn By: Checked:</p>	<p>SEP 2011 1:25,000 @ A1 JPEC 110304002 J R PERKINS</p>

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

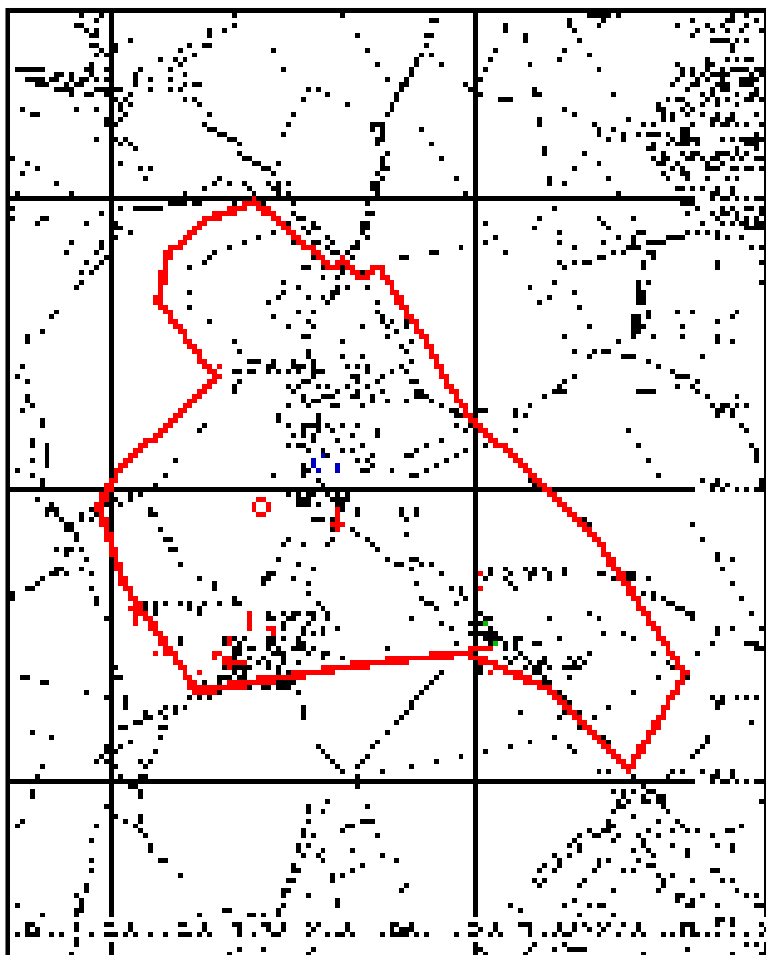
Approximate position of enquiry boundary shown



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		Oaks
	Rough Pasture		Furze		Wood
	Mixed Wood		Brushwood		Orchard
	Fir		Ford		Stepping Stones
	Ferry		Waterfall		Lock
	Twp. Station		Altitude at Twp. Station		
	Bench Mark		Surface Level		
	Arrow denotes flow of water		Antiquity (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. Boro. Bdy.				
	Boundary Post or Stone		Police Call Box		
	B.R.		Pump		
	Electricity Pylon		Signal Post		
	Foot Bridge		Mile		
	Foot Path		Spring		
	Outside Post or Board		Telephone Call Box		
	Mile Stone		Trough		
	Mile Post or Mile		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
	CUT		Slopes Top
	Roofed Building		Gabled Roof Building
	Sloping Masonry		Archway
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Oak		Reeds
	Rough Grassland		Heath
	Direction of water flow		Bench Mark
	Cave Entrance		Triangulation Station
	Electricity Transmission Line		Antiquity (site of)
	County Boundary (Geographical)		Electricity Pylon
	County & Civil Parish Boundary		
	Civil Parish Boundary		
	Admin. County or County Bor. Boundary		
	London Borough Boundary		
	Symbol marking point where boundary meaning changes		
	Beer House		P.P. Post or Post
	Boundary Post or Stone		Post Office
	Canal, Grave		Public Convenience
	Cem. symbol		Public House
	Drinking Fountain		Pump
	Electricity Pylon or Post		Signal Box or Bridge
	F.A. symbol		Signal Post or Light
	Foot Bridge		Spring
	Outside Post		Track or Trench
	Hydrant or Hydraulic		Telephone Call Box
	Level Crossing		Telephone Call Post
	Mile		Trough
	Mile Post or Mile		Water Point, Water Tap
	Mile Stone		Well
	Mile Post or Mile		Wind Pump

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

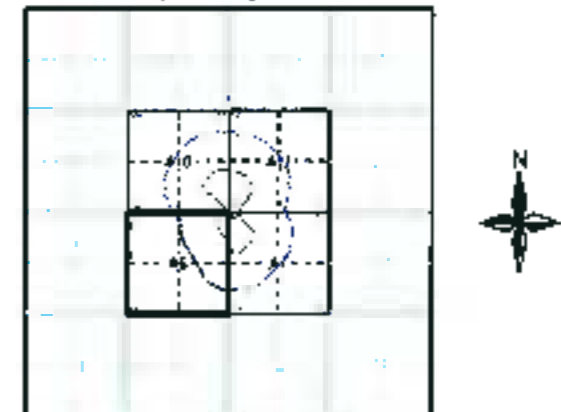
	CUT		Slopes Top
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Positioned Boulder		Scrub
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Oak		Reeds
	Rough Grassland		Heath
	Direction of water flow		Triangulation Station
	Electricity Transmission Line		Antiquity (site of)
	Bench Mark		Electricity Pylon
	Roofed Building		Gabled Roof Building
	Civil parish/Community boundary		
	District boundary		
	County boundary		
	Boundary positions		
	Boundary meaning symbol (note: these always appear in opposed pairs or groups of three)		
	Barrel		P.P. Post or Post
	Battery		Post Office
	Cem. symbol		Public Convenience
	Ch. symbol		Pump
	C. symbol		Pumping Station
	D.R. symbol		Public House
	E.G.S. symbol		Signal Post or Light
	Electricity Pylon		Spring
	Electricity Sub Station		Track or Trench
	Foot Bridge		Telephone Call Box
	Foot Path		Telephone Call Post
	Outside Post		Trough
	Hydrant or Hydraulic		Water Point, Water Tap
	Level Crossing		Well
	Mile		Wind Pump
	Mile Post or Mile		



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Gloucestershire	1:2,500	1876 - 1877	2
Gloucestershire	1:2,500	1900	3
Gloucestershire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1991	5
Ordnance Survey Plan	1:2,500	1960 - 1971	6
Additional SIMs	1:2,500	1977 - 1990	7
Additional SIMs	1:2,500	1995 - 1997	8
Additional SIMs	1:2,500	1998 - 1999	9
Ordnance Survey Plan	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1995	11
Large-Scale National Grid Data	1:2,500	1995	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

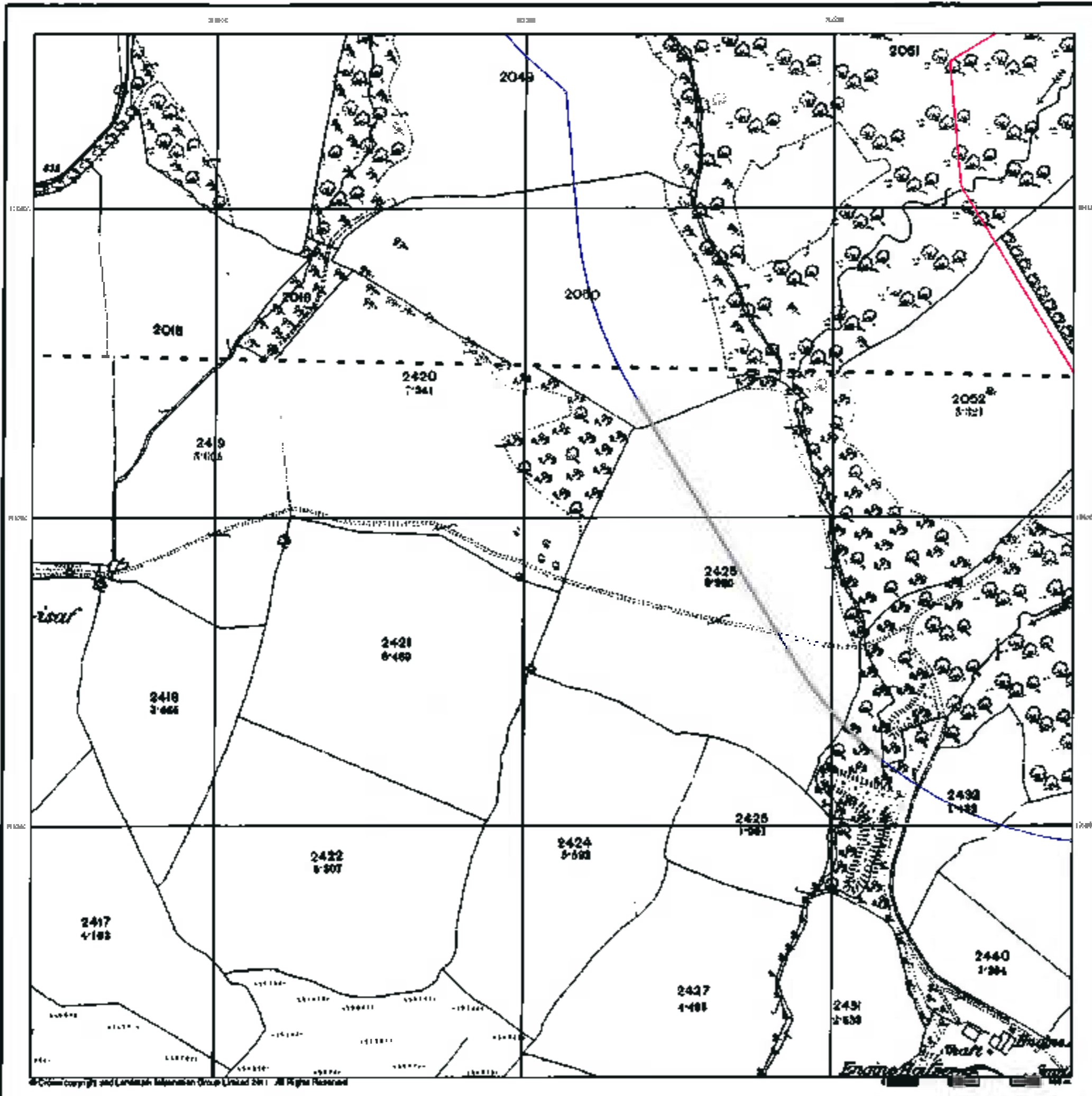
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 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 6FY



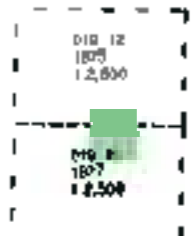
Tel: 0844 844 9552
 Fax: 0844 844 9561
 Email: envirocheck@landmark.co.uk



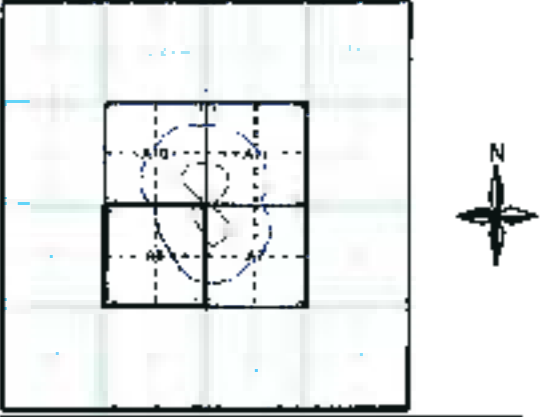
Glamorganshire
Published 1875 - 1877
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1959 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

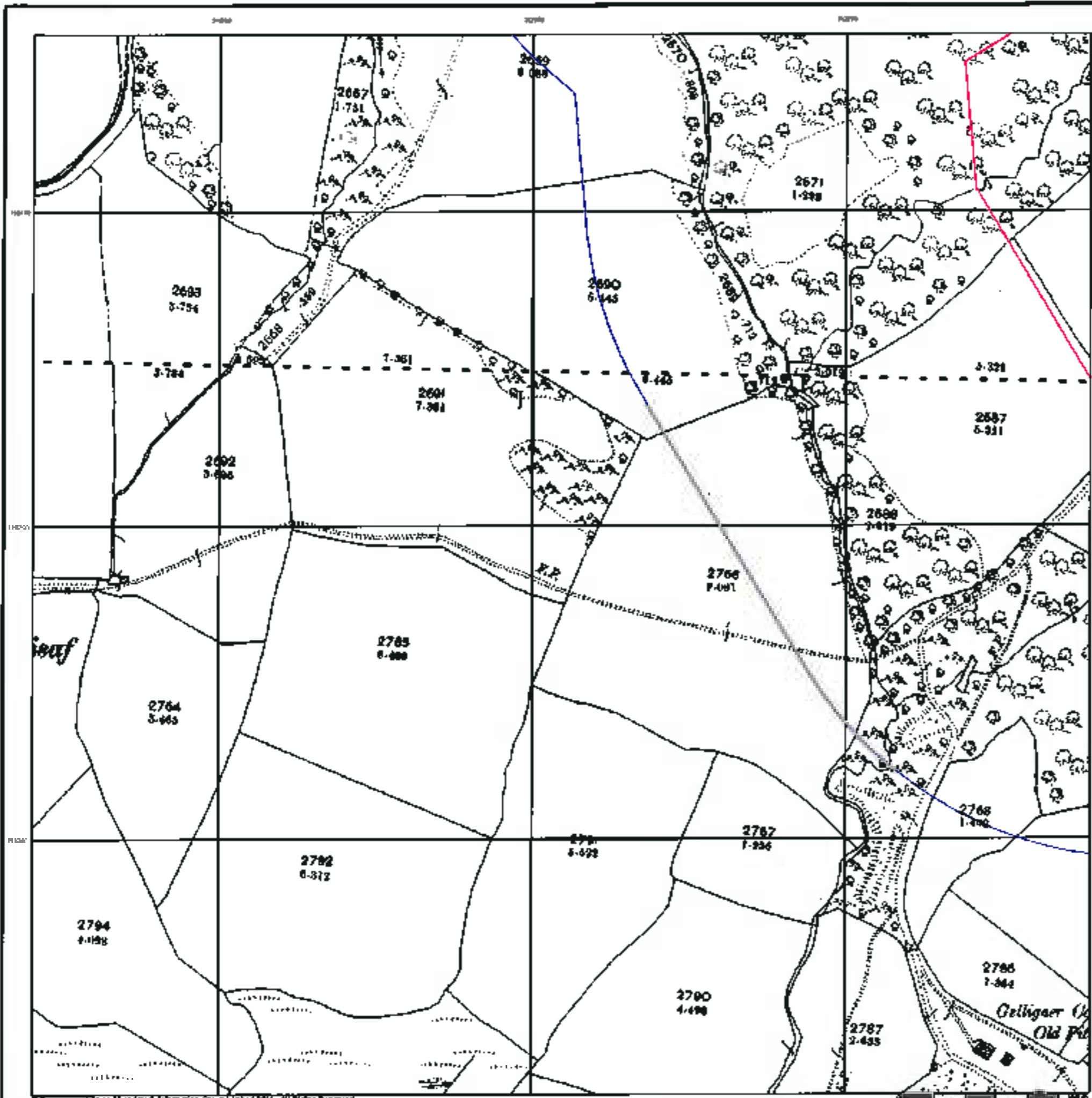
Order Number: 38083971_1_1
 Customer Ref: Bym O
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Galligarnall Uchar Farm, Galligarn, Hengoed, CF82 8FY



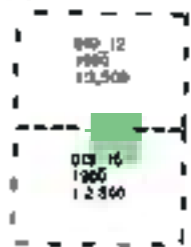
Tel: 0844 667 0052
 Fax: 0844 346 5961
 Web: www.envirocheck.co.uk



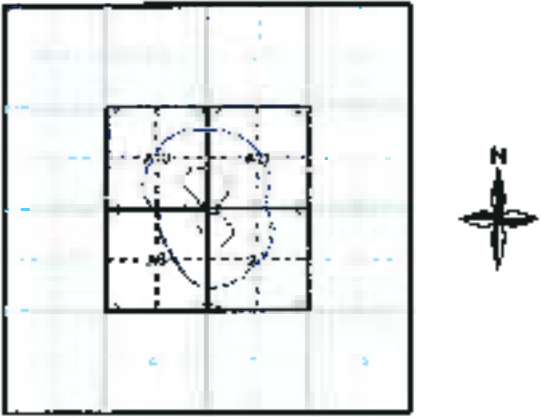
Glamorganshire
Published 1900
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1884 the 1:2,500 scale was adopted for mapping urban areas and by 1899 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1899, 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 utility grids.

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

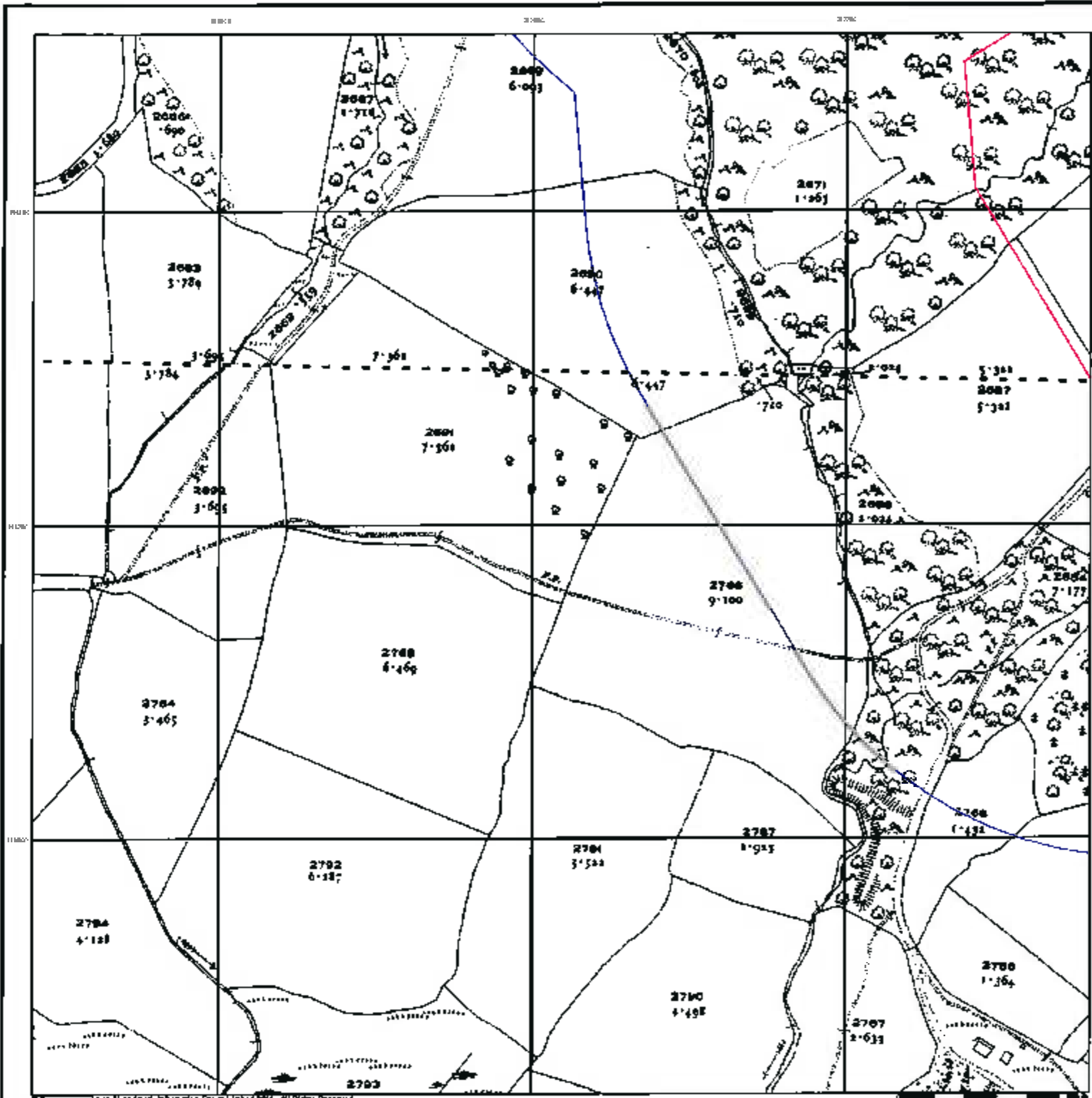
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312300, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwâl Uchar Farn, Gelligaer, Nengoed, CF82 8FY



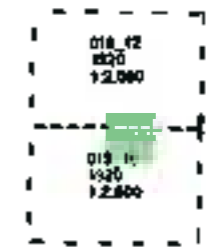
Tel: 0844 644 3842
 Fax: 0844 644 3853
 Web: www.landmark.co.uk



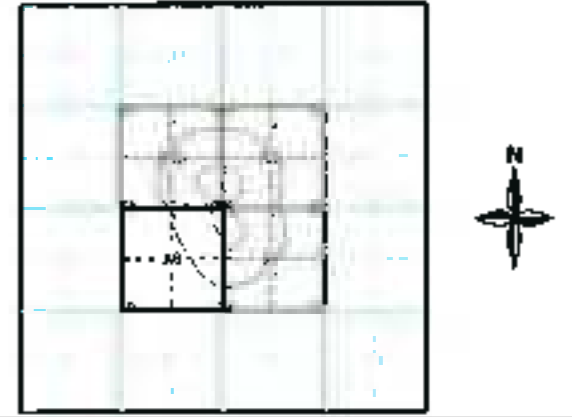
Glamorganshire
Published 1920
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1964 the 1:2,500 scale was adopted for mapping urban areas and by 1968 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1998, 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 existing plans.

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

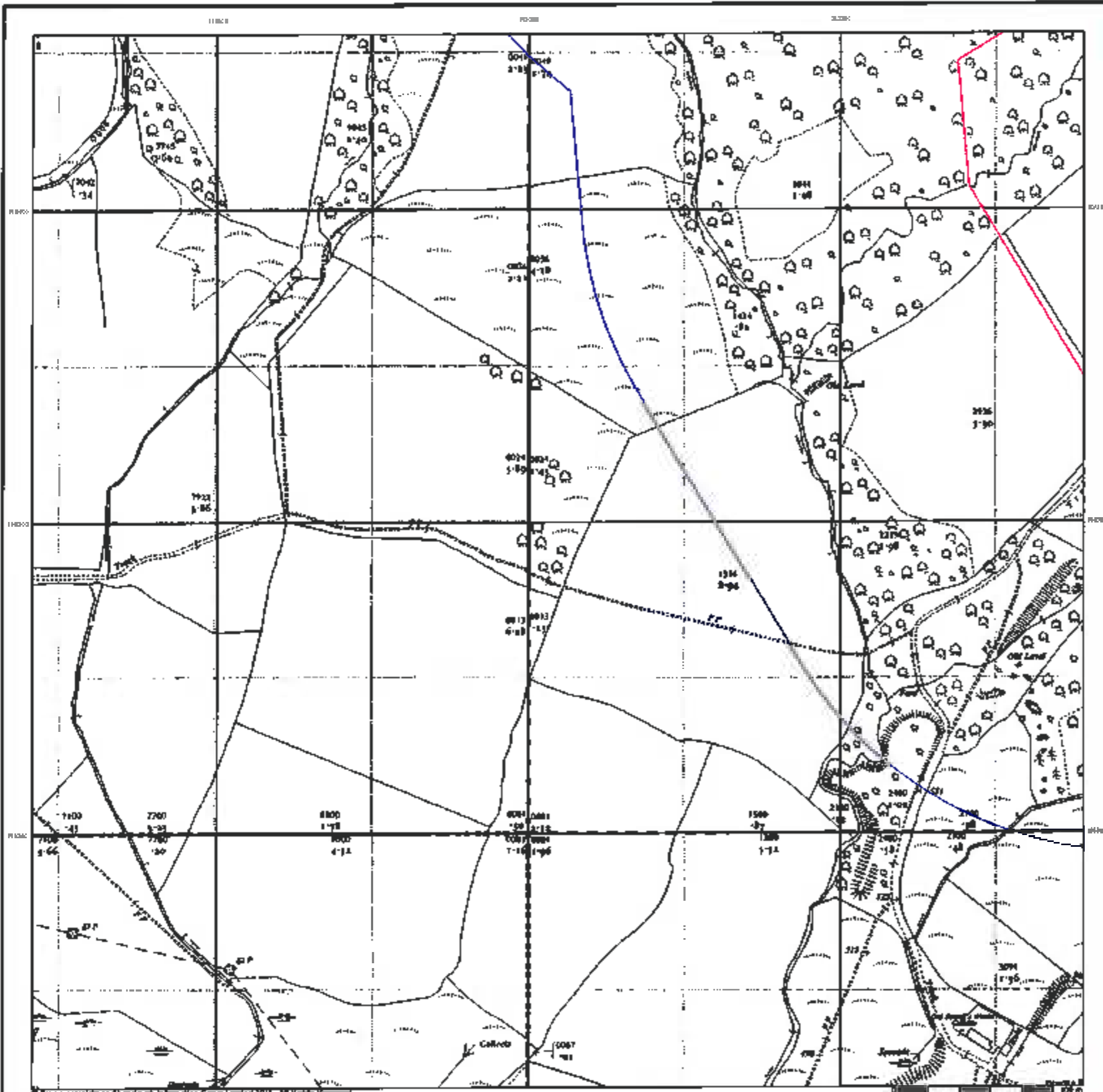
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312360, 196540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Geligaerwâl Uchaf Farm, Geligaer, Hengoed, CF62 8FY



Tel: 0844 9960
 Fax: 0844 9961
 Web: www.envirocheck.co.uk



Ordnance Survey Plan

Published 1961

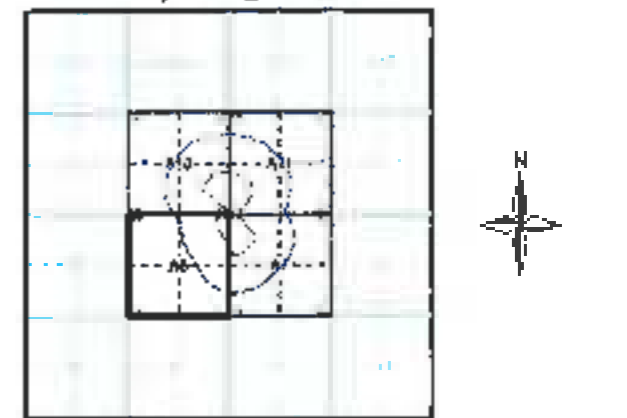
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1956 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 1928, 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)

ST1286 1961 1:2,500	ST1284 1961 1:2,500
ST1285 1961 1:2,500	ST1284 1961 1:2,500

Historical Map - Segment A5



Order Details

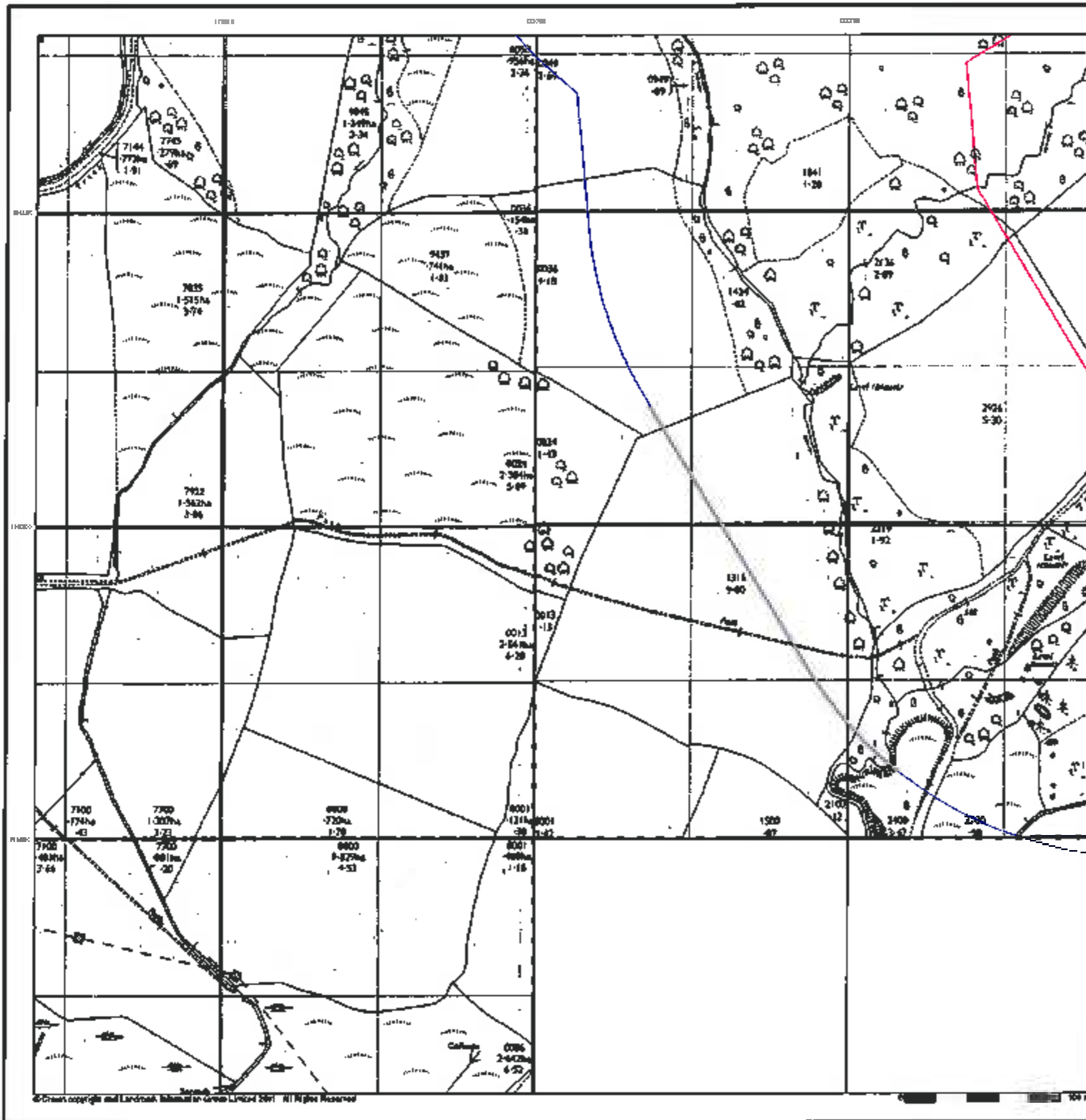
Order Number: 36083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312360, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gellogerwell Uchaf Farm, Gelloger, Hengoed, CF62 6FY



Tel: 0544 644 999
 Fax: 0544 644 998
 Web: www.envirocheck.co.uk



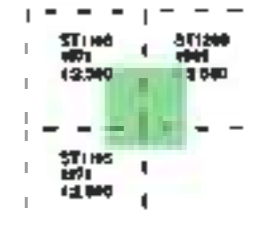
Ordnance Survey Plan

Published 1969 - 1971

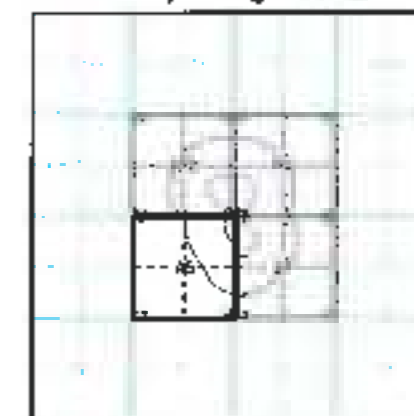
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1969 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published data gives below is often some years later than the surveyed data. Before 1954, all OS maps were based on the Cassini Projections, 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

Gelligaerweik Uchal Farm, Gelligaer, Hengoed, CF82 8FY



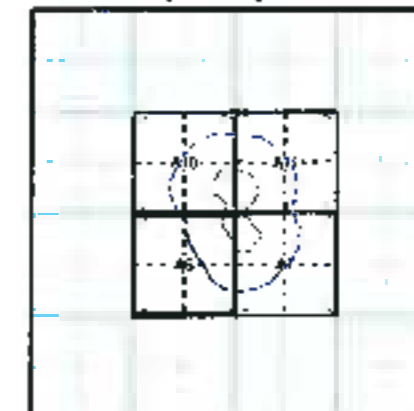
Tel: 0844 844 3952
 Fax: 0344 344 3951
 Web: www.os-landmark.co.uk

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)

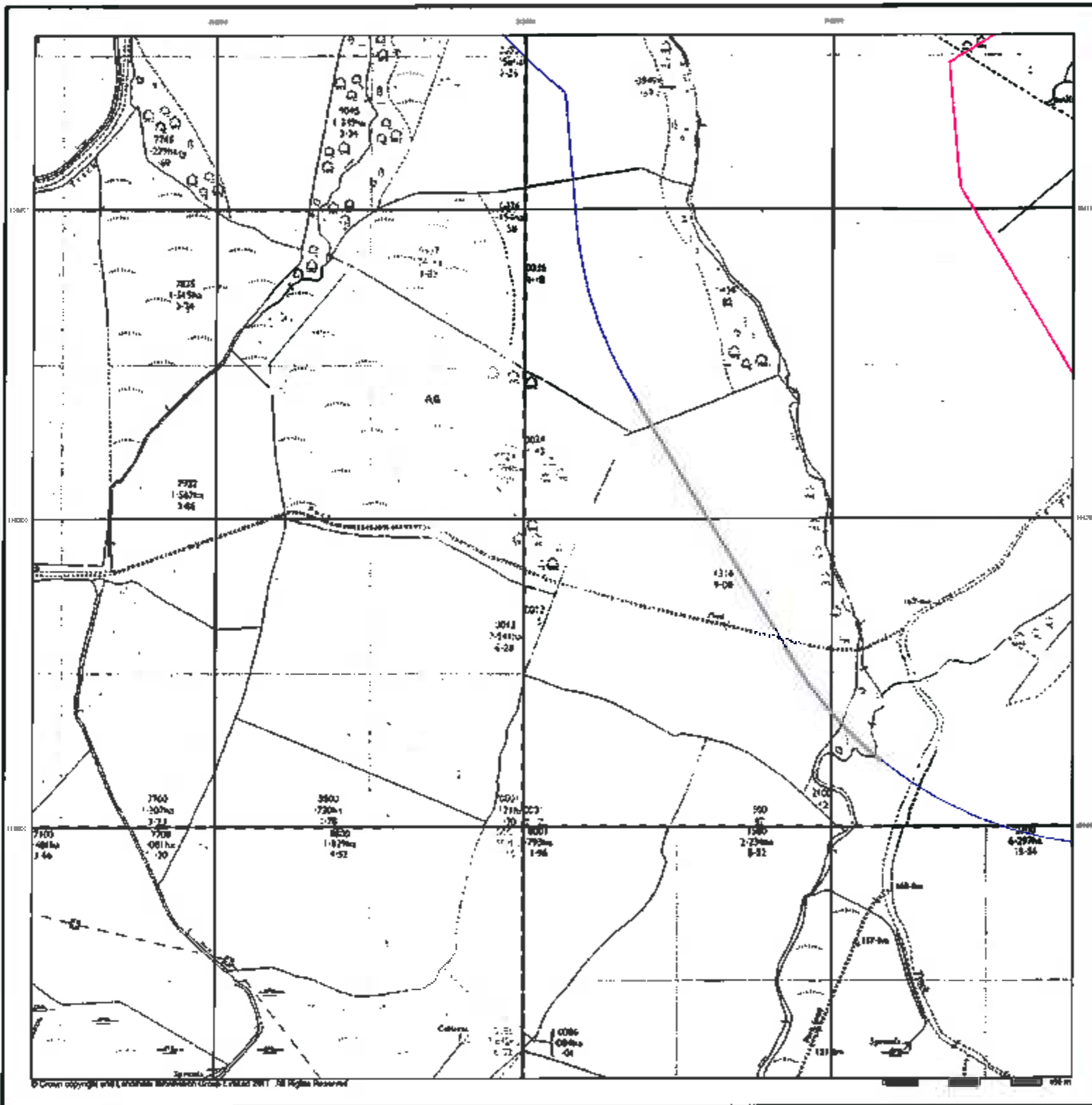
ST 1195 1990 1:2,500	ST 1196 1990 1:2,500
ST 1195 1990 1:2,500	ST 1205 1997 1:2,500

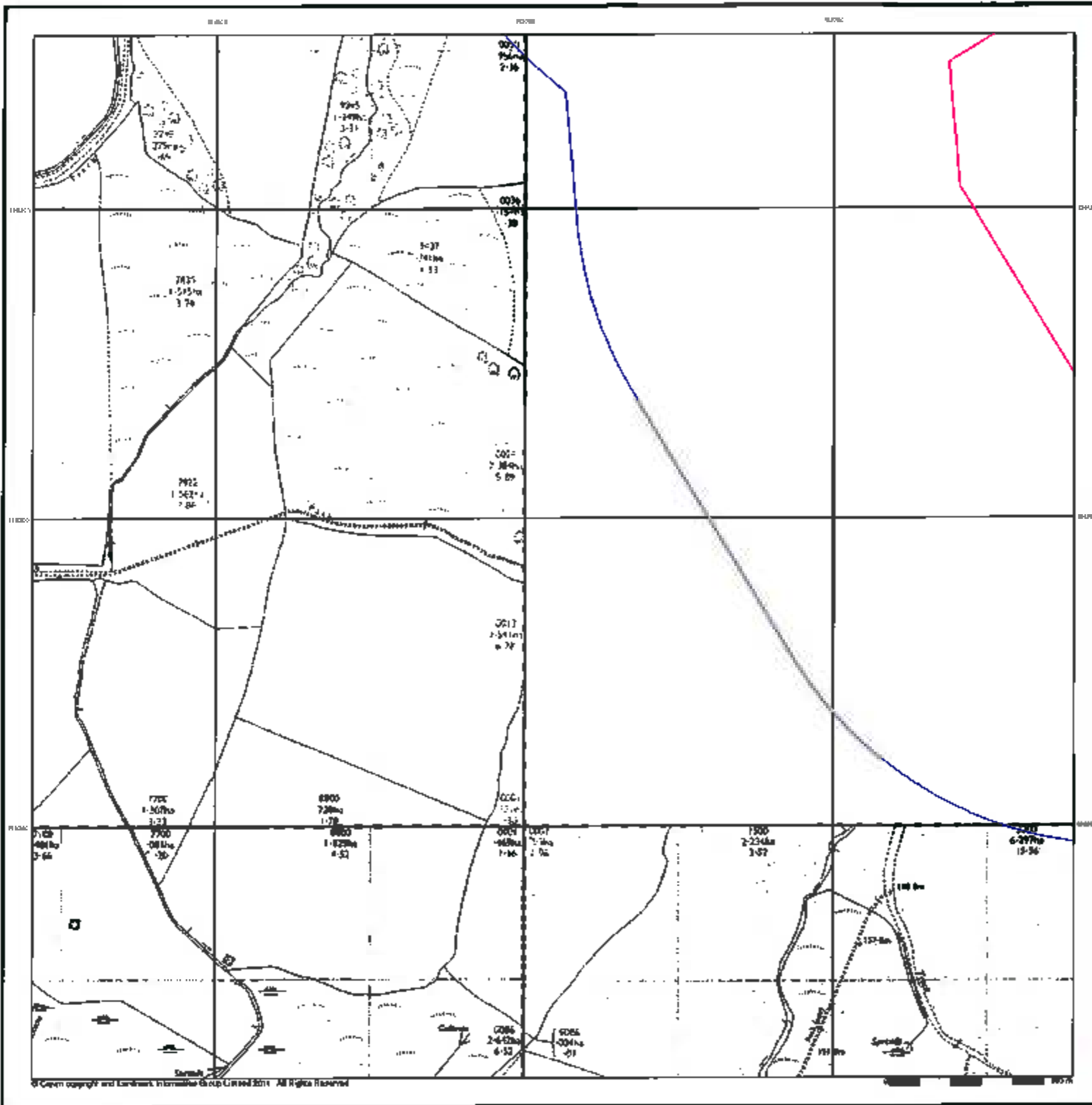
Historical Map - Segment A6

Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 70.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF62 8FY

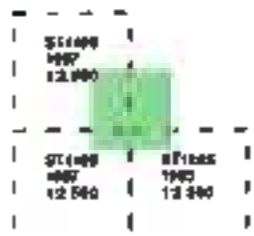




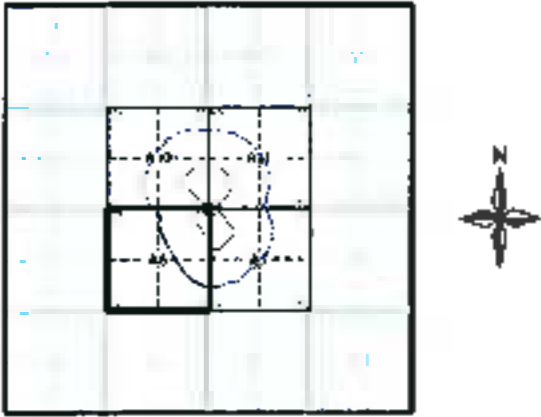
**Additional SIMs
Published 1985 - 1987
Source map scale - 1:2,500**

The SIMs (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



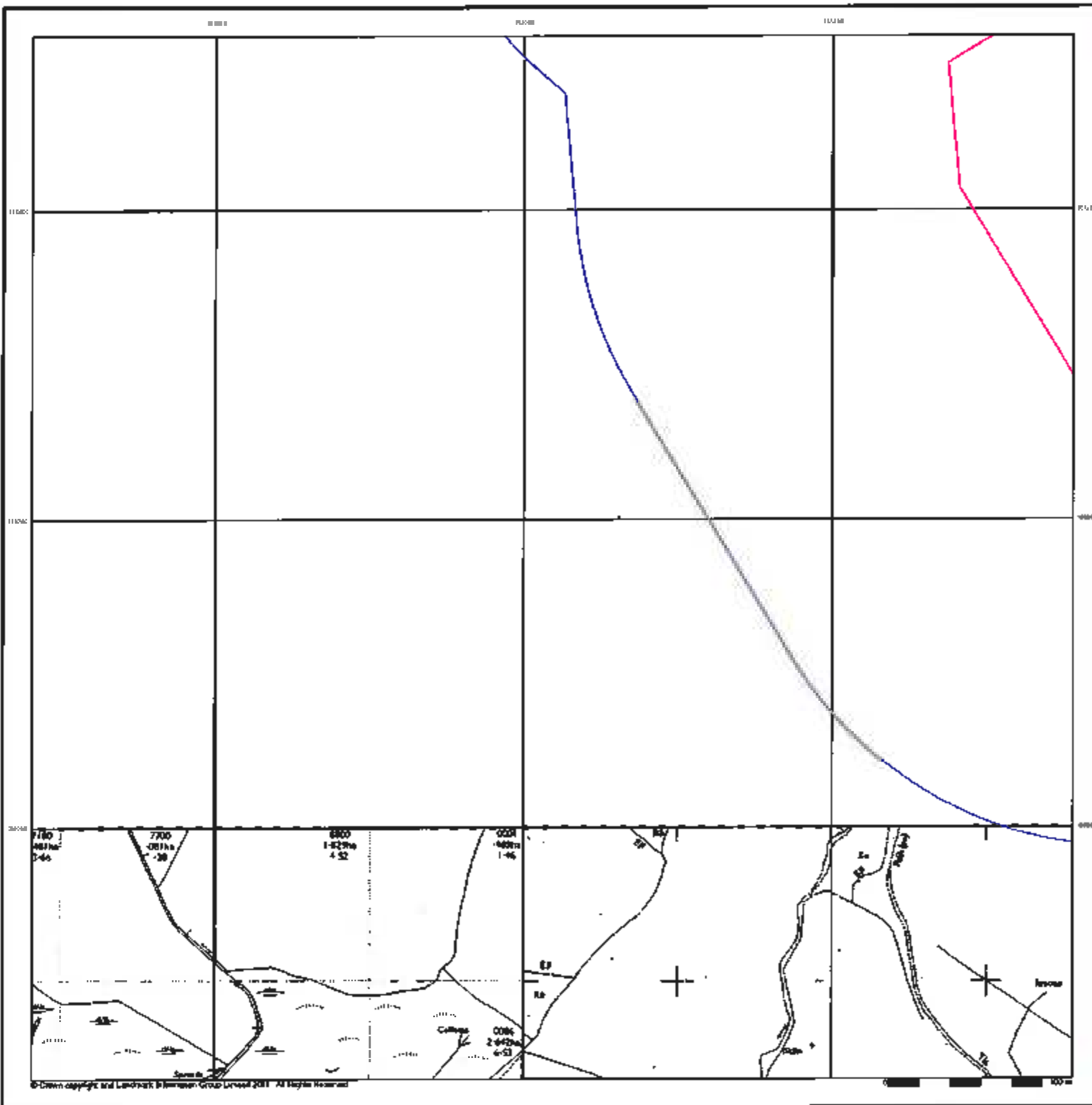
Order Details

Order Number: 38063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312390, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

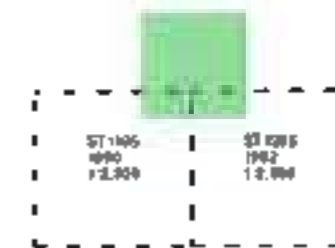




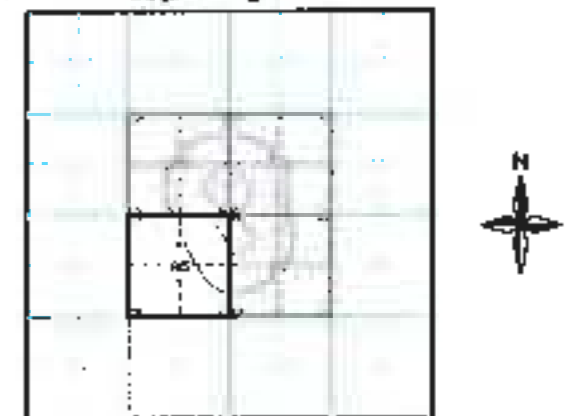
Additional SIMs
Published 1990 - 1992
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilms) 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 landscape. 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: 36063871_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 199540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

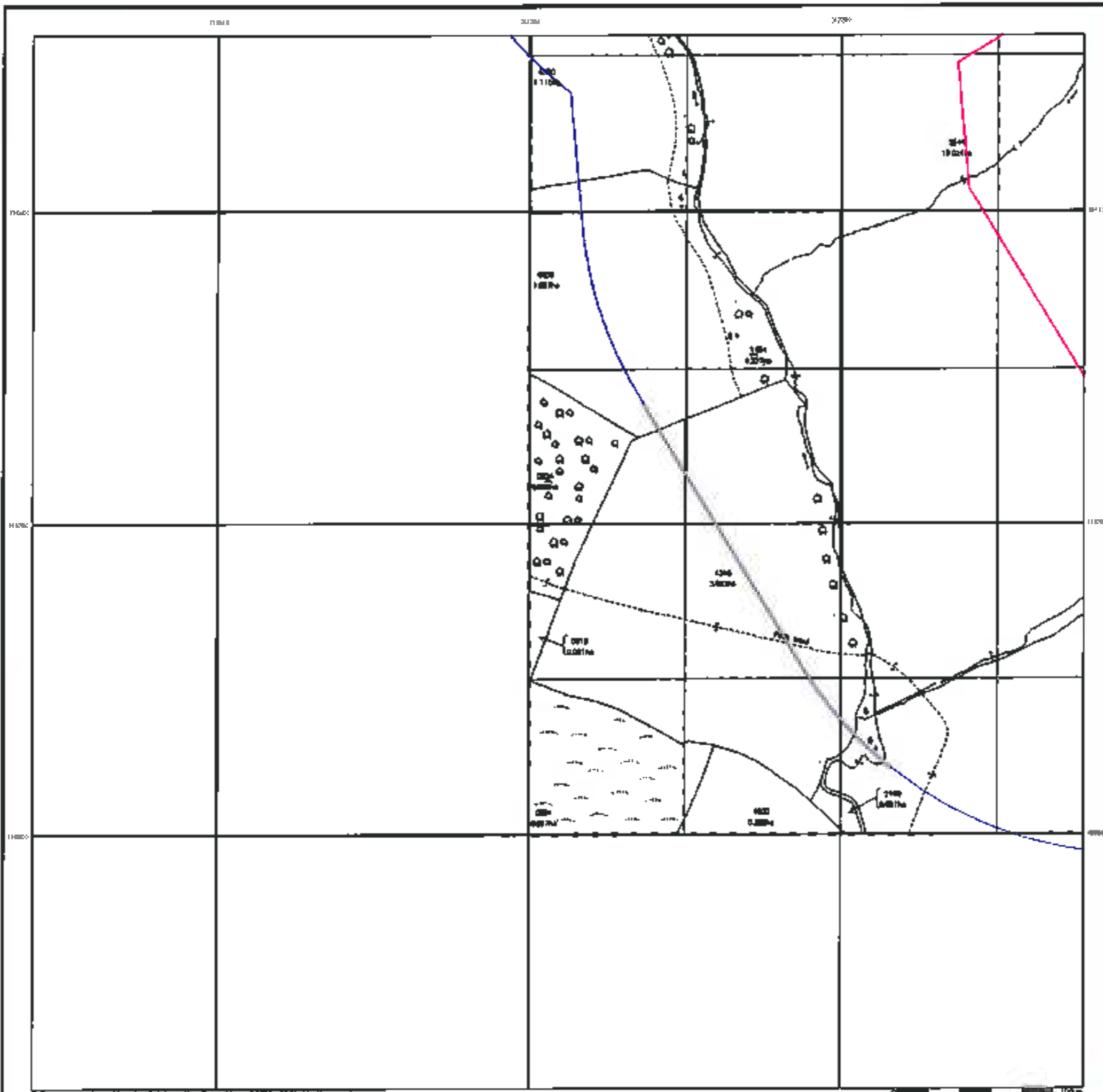
Site Details

Galligarrwallt Uchar Farm, Galligarr, Mengoed, CF82 8PY



Tel: 01497 614 152
 Fax: 01497 614 151
 Web: www.envirocheck.co.uk

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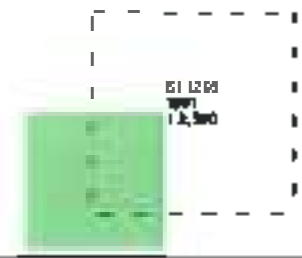


**Ordnance Survey Plan
Published 1991**

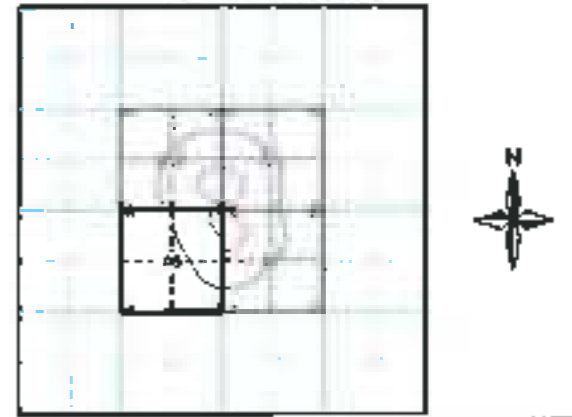
Source map scale - 1:2,500

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 1898 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data 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

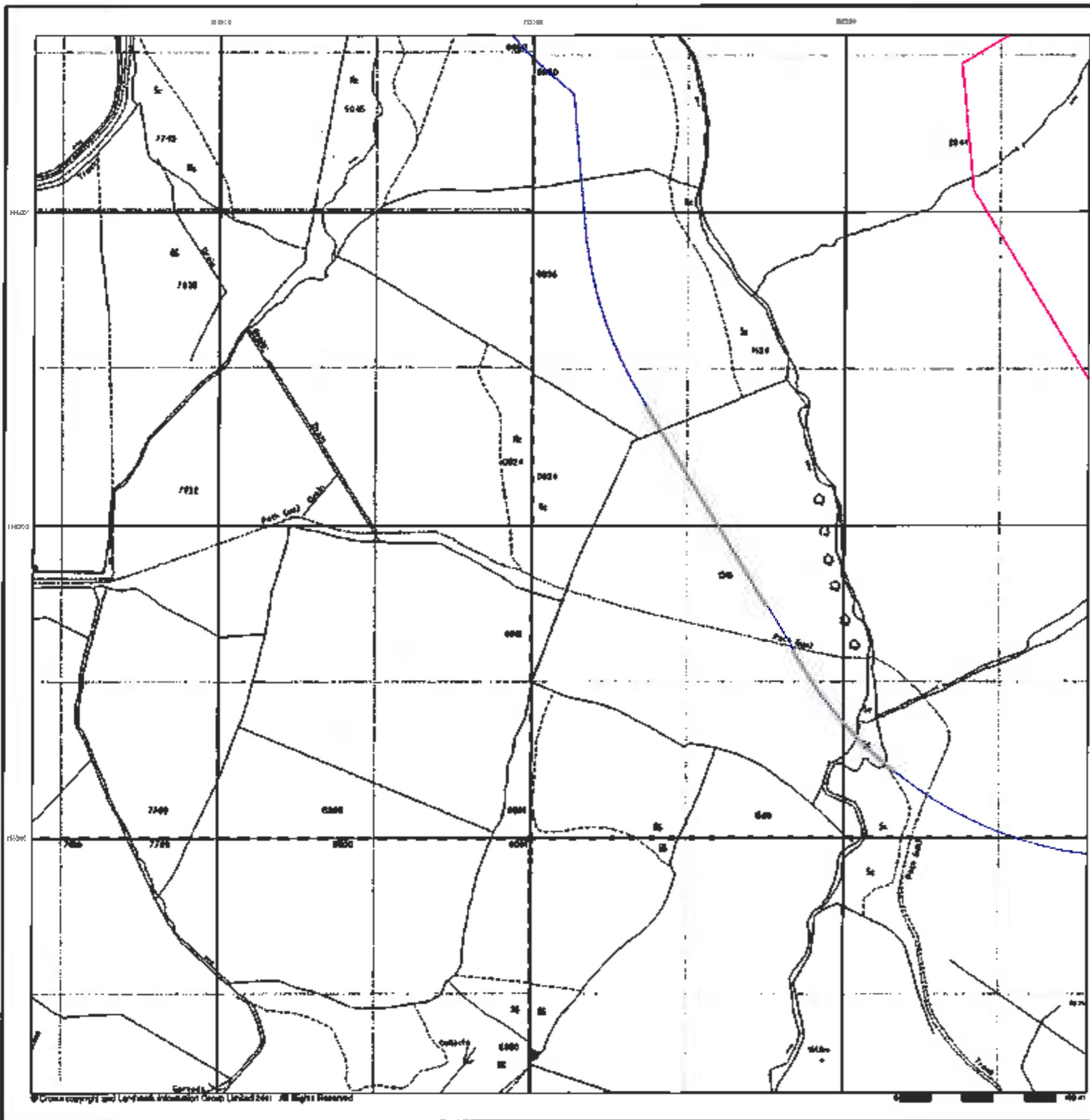
Order Number: 36083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Hts): 10.67
 Search Buffer (m): 250

Site Details

Gelligaerwast Uchar Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0844 344 0952
 Fax: 0844 344 0961
 Web: www.envirocheck.co.uk



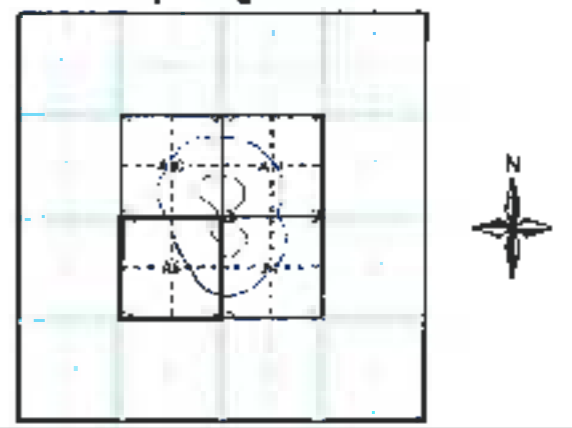
**Large-Scale National Grid Data
Published 1993
Source map scale - 1:2,500**

Large Scale National Grid Data superseded SMI cards (Distance Survey's 'Survey of Interlocking Microfilms') in 1992, and continued to be produced until 1999. These maps were the forerunners 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	ST1296
4993	1993
12.600	12.600
ST1196	ST1296
4993	1993
12.600	12.600

Historical Map - Segment A6



Order Details

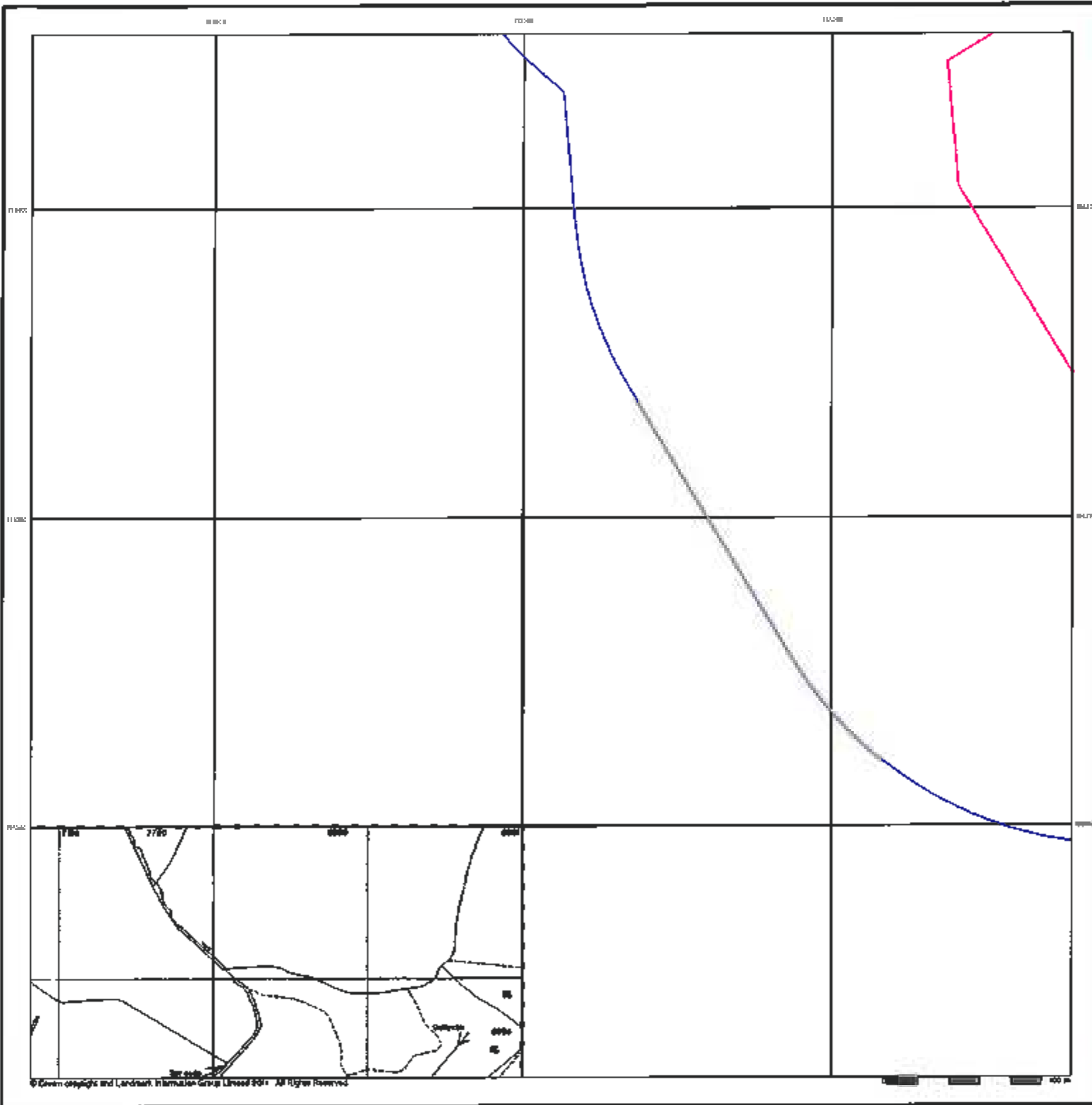
Order Number: 36083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gollgaerwell Uchaf Farm, Gollgaer, Hengoed, CF82 6FY



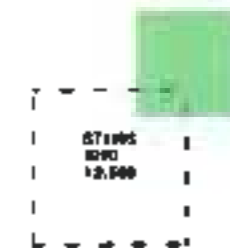
Tel: 0844 814 9902
 Fax: 0844 844 2951
 Web: www.envirocheck.co.uk



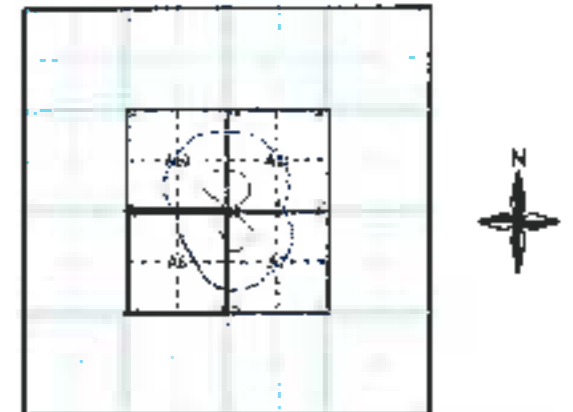
**Large-Scale National Grid Data
Published 1993
Source map scale - 1:2,500**

'Large Scale National Grid Data' superseded OSM data (Ordnance Survey's 'Survey of Information on Microfilm') in 1993, and continued to be produced until 1998. These maps were the forerunners 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

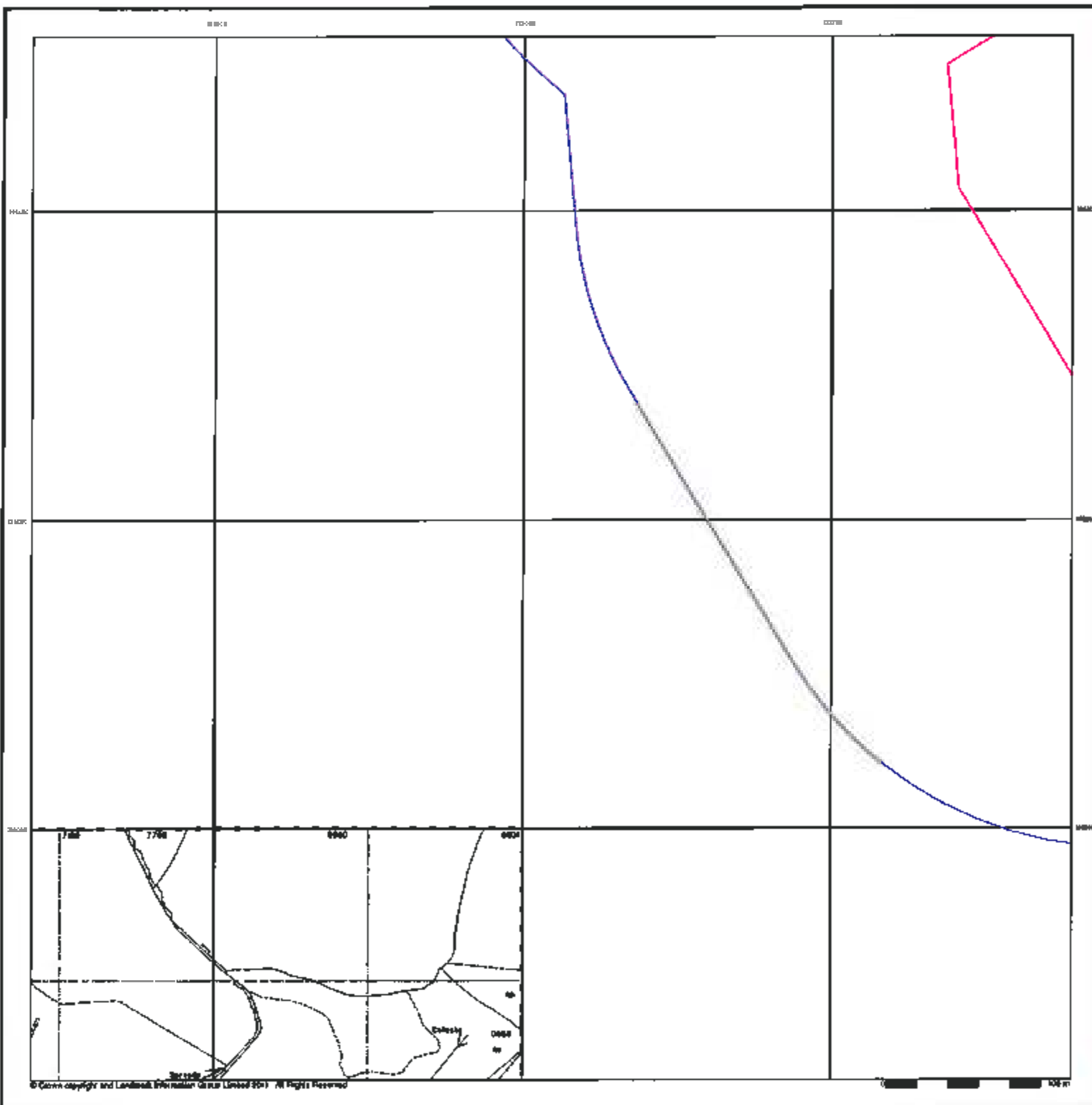
Order Number: 36083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312390, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gellogerwell Uchaf Farm, Gellgauer, Nengoed, CF82 8FY



Tel: 0844 844 2952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



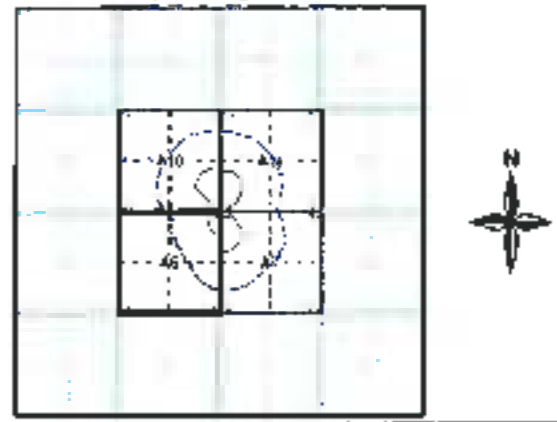
**Large-Scale National Grid Data
Published 1996
Source map scale - 1:2,500**

'Large Scale National Grid Data' superseded 9M units (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1996. These maps were the forerunners 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



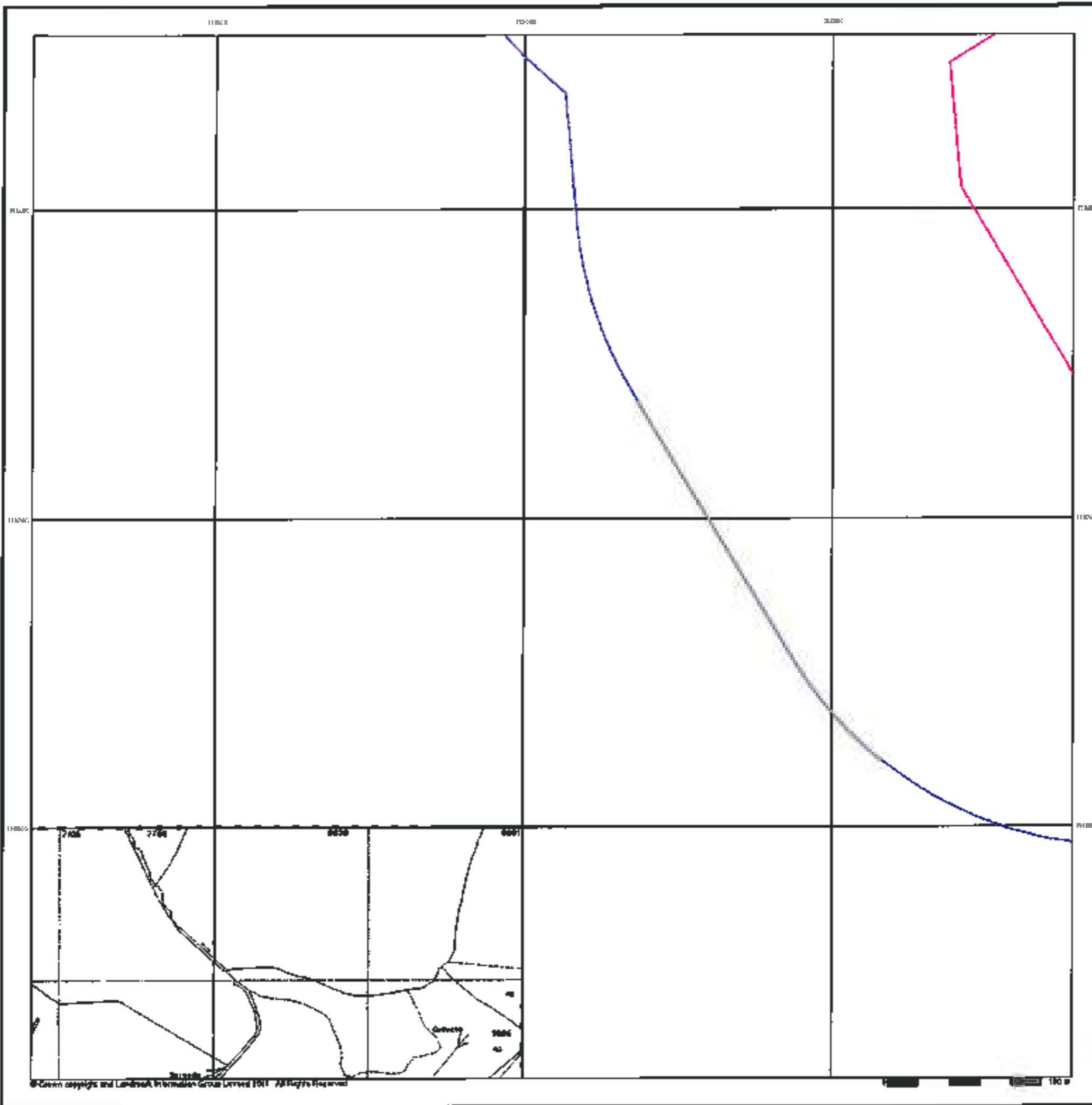
Order Details

Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Galligarnwell Uchaf Farm, Galligarn, Hengoed, CF82 6FY





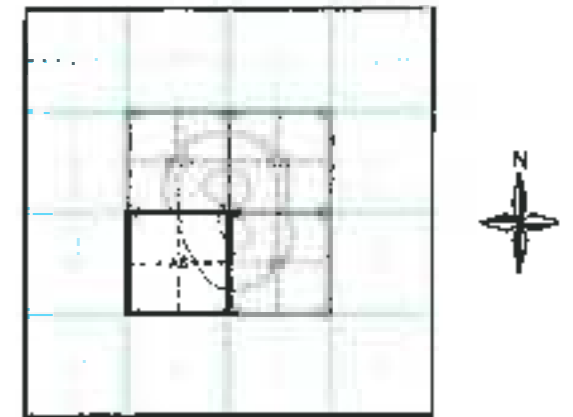
**Large-Scale National Grid Data
Published 1996
Source map scale - 1:2,500**

Large-Scale National Grid Data superseded SDI cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the forerunners 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: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwall Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0844 344 9952
 Fax: 0344 968 0281
 Web: www.landmark.co.uk

Historical Mapping Legends

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

Quarry (circular pattern), **Gravel Pit** (dotted pattern), **Sand Pit** (stippled pattern), **Clay Pit** (cross-hatched pattern), **Shingle** (diagonal lines), **Refuse Heap** (irregular pattern), **Sloping Masonry** (brick pattern), **Flat Rock** (stippled pattern).

Marsh (wavy lines), **Roads** (solid line), **Oscars** (dotted line), **Rough Pasture** (stippled pattern), **Furze** (cross-hatched pattern), **Wood** (solid black), **Mixed Wood** (stippled pattern), **Brushwood** (cross-hatched pattern), **Orchard** (dotted pattern).

Pit (circle with cross), **Ford** (dashed line), **Stepping Stones** (dotted line), **Ferry** (dashed line), **Waterfall** (solid line with vertical bars), **Lock** (dotted line).

Trig. Station (triangle with 'T'), **Altitude at Trig. Station** (triangle with number), **Bench Mark** (circle with cross), **Surface Level** (circle with number), **Arrow denotes flow of water** (arrow), **Antiquities (site of)** (cross).

Cutting (hatched pattern), **Embankment** (hatched pattern).

Railway crossing Road (crossing symbol), **Level Crossing** (crossing symbol), **Road crossing Railway** (crossing symbol), **Railway crossing River or Canal** (crossing symbol), **Road over single stream** (crossing symbol), **Road over River or Canal** (crossing symbol).

County Boundary (Geographical) (dashed line), **County & Civil Parish Boundary** (dotted line), **Administrative County & Civil Parish Boundary** (dash-dot line), **County Borough Boundary (England)** (dotted line), **Co. Boro. Bdy.** (dotted line), **County Borough Boundary (Scotland)** (dotted line).

Boundary Post or Stone (circle with cross), **Public Well** (circle with cross), **Bridge Road** (solid line), **Pump** (circle with cross), **Electricity Pylon** (circle with cross), **Signal Post** (circle with cross), **Foot Bridge** (dotted line), **Stair** (dotted line), **Foot Path** (dotted line), **Spring** (circle with cross), **Guide Post or Board** (circle with cross), **Telephone Call Box** (circle with cross), **New Stone** (circle with cross), **Trough** (circle with cross), **Measuring Post or Ring** (circle with cross), **Wall** (solid line).

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 (circular pattern), **Active Quarry, Chalk Pit or Clay Pit** (circular pattern), **Rock** (stippled pattern), **Boulders** (stippled pattern), **Roofed Building** (hatched pattern), **Glazed Roof Building** (solid black), **Sloping Masonry** (brick pattern), **Archway** (dotted line), **Non-Coniferous Tree (surveyed)** (circle with cross), **Coniferous Tree (surveyed)** (circle with cross), **Non-Coniferous Trees (not surveyed)** (circle with cross), **Coniferous Trees (not surveyed)** (circle with cross), **Orchard Tree** (circle with cross), **Scrub** (circle with cross), **Bracken** (circle with cross), **Coppice, Oast** (circle with cross), **Reeds** (circle with cross), **Marsh, Saltings** (circle with cross), **Rough Grassland** (stippled pattern), **Heath** (stippled pattern), **Culvert** (dotted line), **Direction of water flow** (arrow), **Triangulation Station** (triangle with 'T'), **Antiquity (site of)** (cross), **Electricity Transmission Line** (dashed line), **Electricity Pylon** (circle with cross), **County Boundary (Geographical)** (dashed line), **County & Civil Parish Boundary** (dotted line), **Civil Parish Boundary** (dotted line), **Admin. County or County Bor. Boundary** (dash-dot line), **London Borough Boundary** (dotted line), **Symbol marking point where boundary marking changes** (circle with cross).

BH Bench Mark, **BP, BS** Boundary Post or Stone, **Cr, C** Copse, Crave, **Chy** Chyway, **DFn** Drinking Fountain, **SP** Security Post or Post, **FAP** Fire Alarm Point, **FB** Foot Bridge, **GP** Guide Post, **H** Hydrant or Hydraulic, **LC** Level Crossing, **MH** Manhole, **MP** Mile Post or Measuring Post, **MS** Mile Stone, **N/L** Normal Tidal Line, **P** Pillar, Pole or Post, **PO** Post Office, **PC** Public Convenience, **PH** Public House, **Pp** Pump, **SB, S Br** Signal Box or Bridge, **SP, SL** Signal Post or Light, **SP** Spring, **Tk** Tank or Tank, **TCS** Telephone Call Box, **TCP** Telephone Call Post, **Tt** Trough, **WPT, W/T** Water Point, Water Tap, **W** Well, **Wp** Well Post, **Wp** Well Post.

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

Cliff (stippled pattern), **Rock** (stippled pattern), **Boulders** (stippled pattern), **Positioned Boulder** (circle with cross), **Non-Coniferous Tree (surveyed)** (circle with cross), **Non-Coniferous Trees (not surveyed)** (circle with cross), **Orchard Tree** (circle with cross), **Coppice, Oast** (circle with cross), **Rough Grassland** (stippled pattern), **Direction of water flow** (arrow), **Electricity Transmission Line** (dashed line), **Bench Mark** (circle with cross), **Roofed Building** (hatched pattern), **Electricity Pylon** (circle with cross), **Chilparish community boundary** (dotted line), **District boundary** (dotted line), **County boundary** (dotted line), **Boundary post/stone** (circle with cross), **Boundary marking symbol (note: these always appear in opposed pairs or groups of three)** (circle with cross).

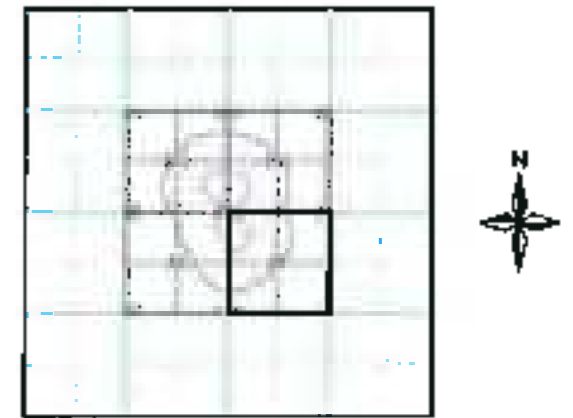
Sta Barnets, **By** Batory, **Comy** Cemetery, **Chy** Chyway, **Ch** Chyway, **Classd Pky** Classed Railway, **Elctricity Pylon** (circle with cross), **Elctricity Sub Station** (circle with cross), **Fb** Fibre Bed, **Fn, FD Fn** Fountain / Drinking Fin., **Gas Dev** Gas Valve Component, **GPC** Gas Generator, **GP** Guide Post, **MH** Manhole, **MP, M/P** Mile Post or Mile Stone, **P** Pillar, Pole or Post, **PO** Post Office, **PC** Public Convenience, **Pp** Pump, **Pp Stn** Pumping Station, **PW** Place of Worship, **Swage Pp Stn** Swage Pumping Station, **SB, S Br** Signal Box or Bridge, **SP, SL** Signal Post or Light, **Sp** Spring, **Tk** Tank or Tank, **Tt** Trough, **W** Well, **Wp** Well Post or Mile Stone, **Wp** Well Post.



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ordnance Survey Plan	1:2,500	1976-1978	2
Ordnance Survey Plan	1:2,500	1979	3
Ordnance Survey Plan	1:2,500	1980-1981	4
Ordnance Survey Plan	1:2,500	1981-1982	5
Ordnance Survey Plan	1:2,500	1981	6
Additional SIMs	1:2,500	1981-1982	7
Ordnance Survey Plan	1:2,500	1982	8
Additional SIMs	1:2,500	1982	9
Additional SIMs	1:2,500	1981-1982	10
Ordnance Survey Plan	1:2,500	1981	11
Large-Scale National Grid Data	1:2,500	1982	12

Historical Map - Segment A7



Order Details

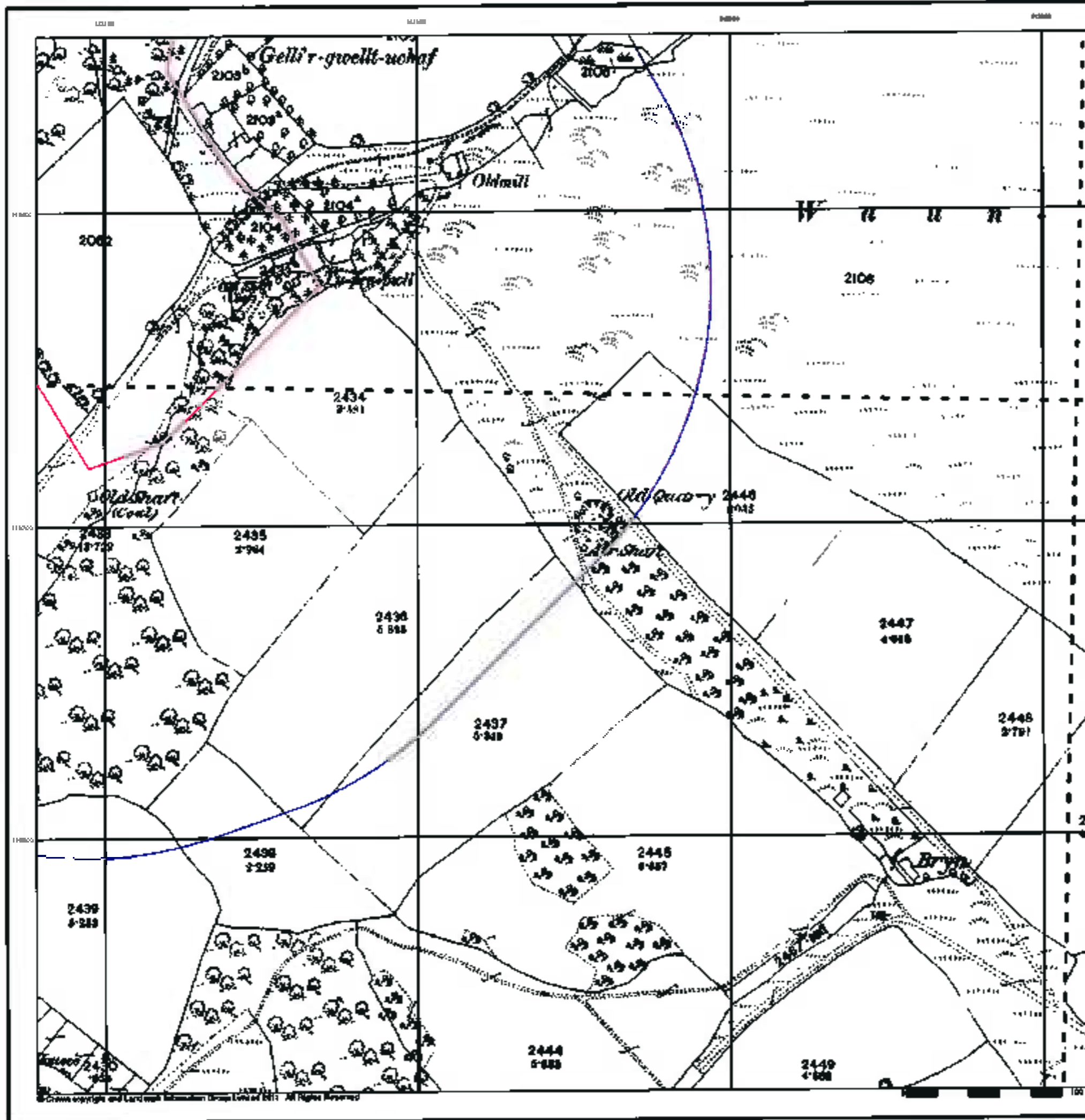
Order Number: 38063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312360, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Geligaerwolk Uchaf Farm, Geligaer, Hengoed, CF62 8FY



Tel: 0544 844 0992
 Fax: 0544 844 0951
 Web: www.landmark.co.uk



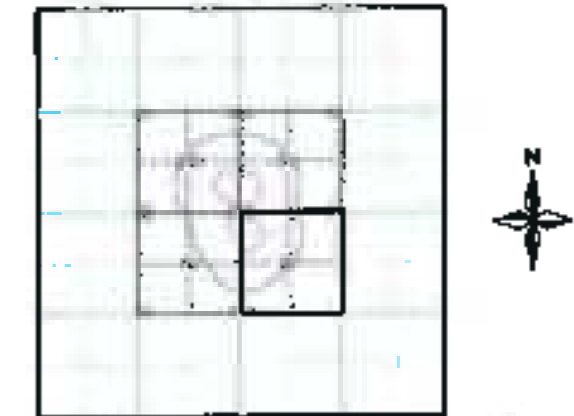
Glamorganshire
Published 1875 - 1878
Source map scale - 1:2,500

The indicated map shown was 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 1860 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed data. Before 1830, 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)

018 of 1875 1:2,500	022 of 1877 1:2,500
040 of 1877 1:2,500	060 of 1878 1:2,500

Historical Map - Segment A7



Order Details

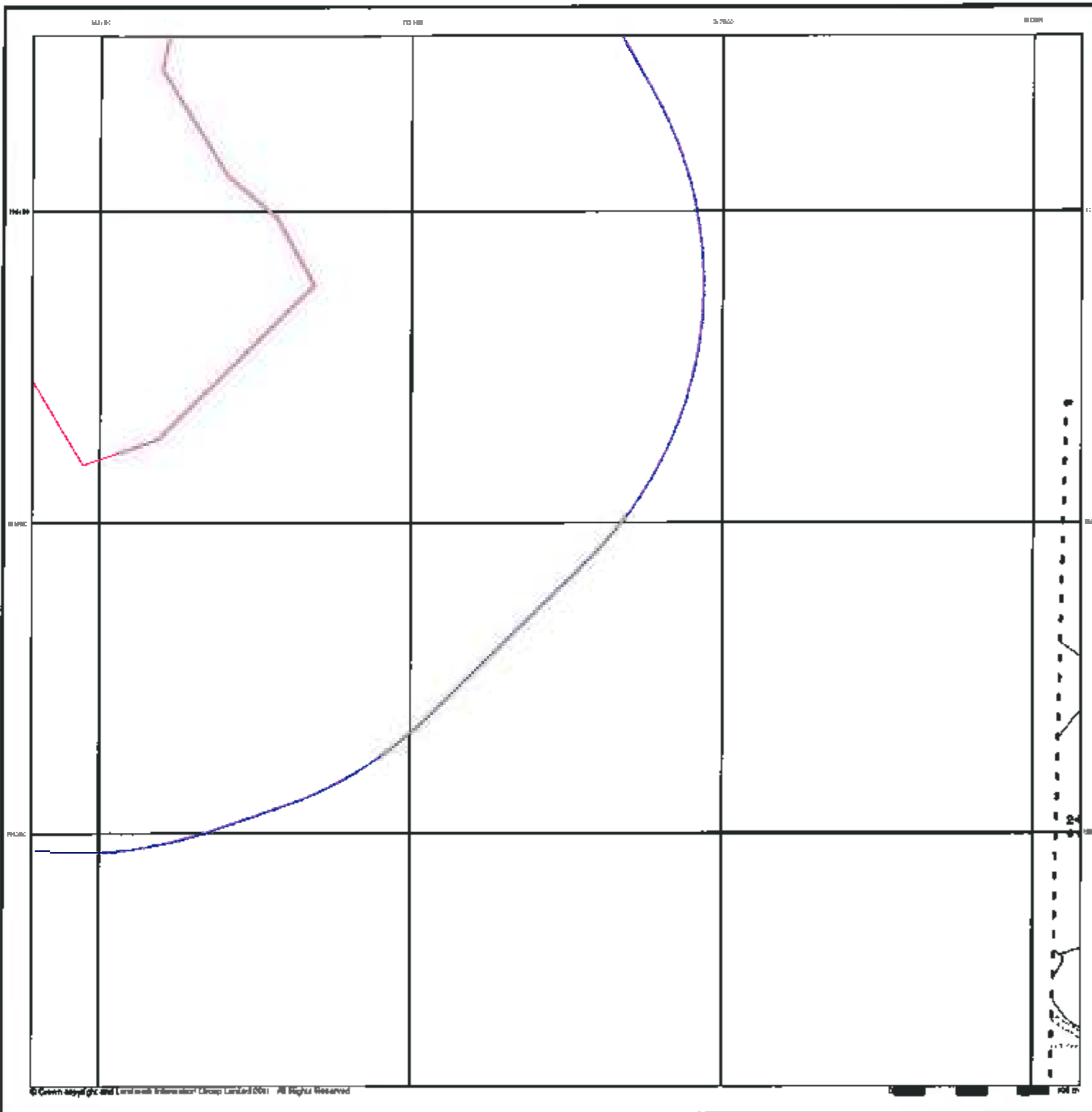
Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312360, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelli-gweilt Uchaf Farm, Gelli-gweilt, Hengoed, CF82 6PY



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 Fax: 0344 844 9991
 Web: www.landmark.co.uk



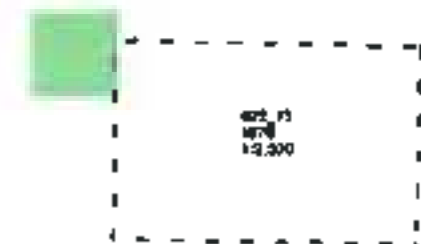
Monmouthshire

Published 1878

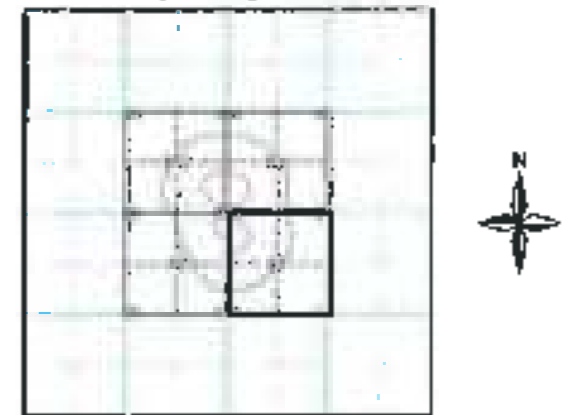
Source map scale - 1:2,500

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 1899 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1899, 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

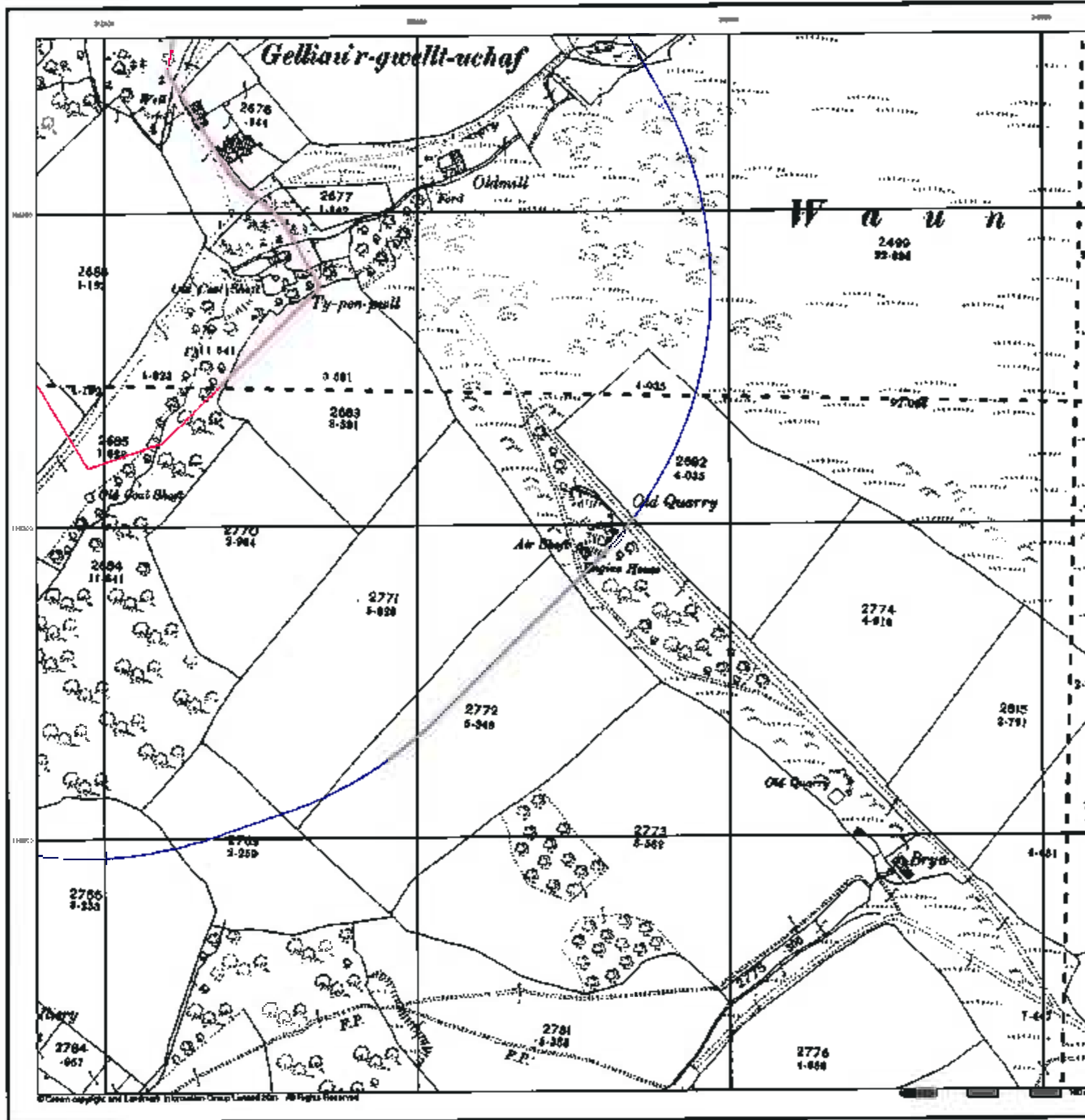
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 102380, 106540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Geligaerweli Uchaf Farm, Geligaer, Hengoed, CF82 6FY



Tel: 0344 844 9952
 Fax: 0344 844 9951
 Web: www.landmark.co.uk



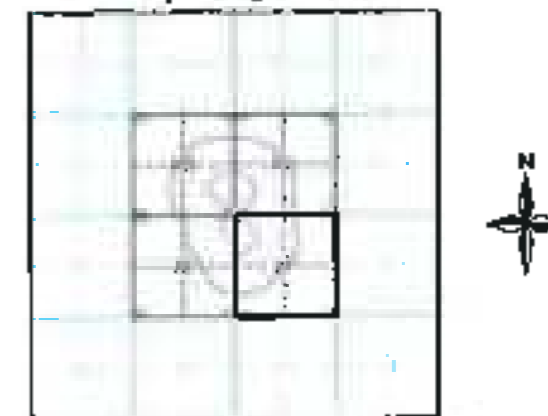
Glamorganshire
Published 1900 - 1901
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1988 it covered the whole of what was 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)

079 to 1007 1:2,500	080 to 0907 1:2,500
088 to 1008 1:2,500	091 to 1009 1:2,500

Historical Map - Segment A7



Order Details

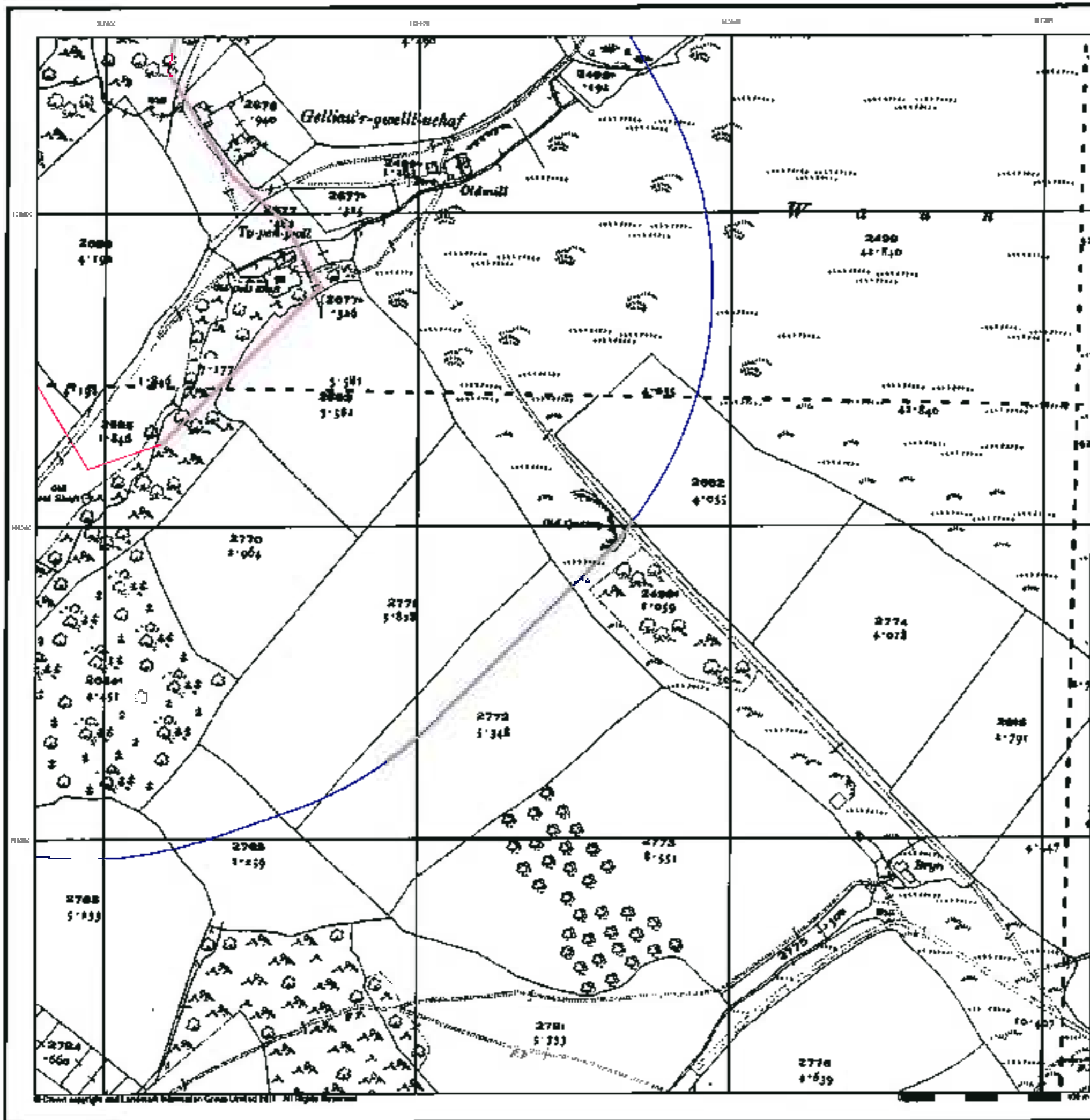
Order Number: 38083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelkai'r-gwellt Uchaf Farm, Gelkai'r, Hengoed, CF82 6FY



Tel: 0844 844 9950
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



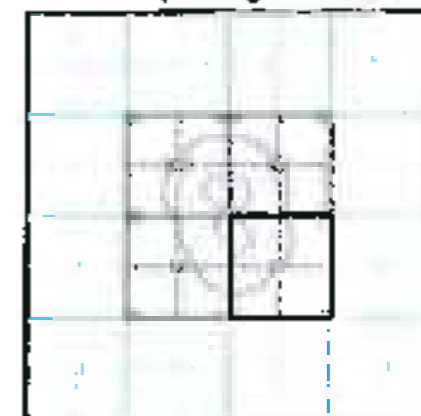
Glamorganshire
Published 1919 - 1920
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1864 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 outlying parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1898, 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)

OS Q 1920 1:2,500	OS Q 1920 1:2,500
OS Q 1920 1:2,500	OS Q 1920 1:2,500

Historical Map - Segment A7



Order Details

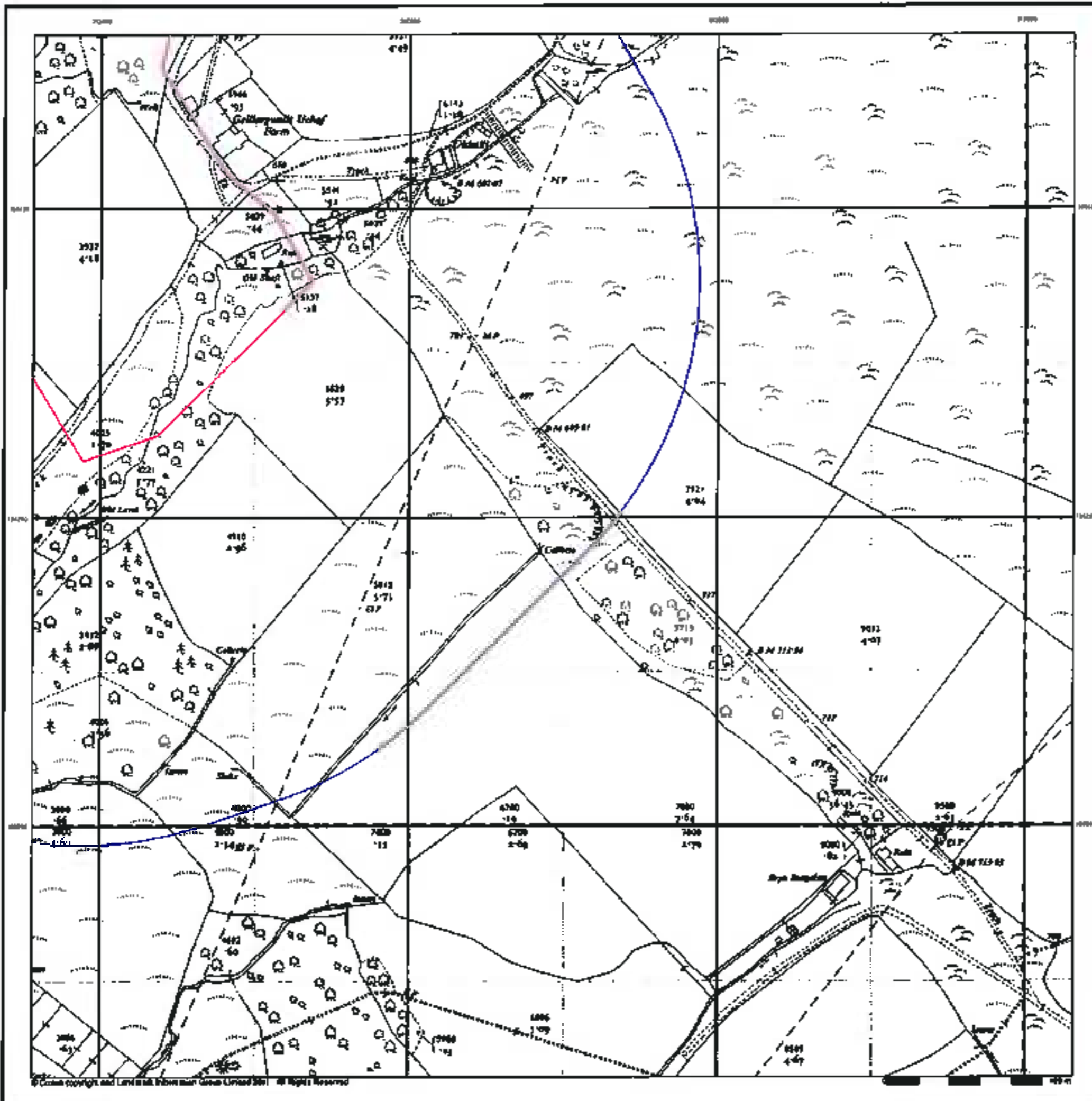
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwaell Uchaf Farm, Gelligaer, Hengoed, CF62 8FY



Tel: 0800 944 0902
 Fax: 0949 944 0954
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**Ordnance Survey Plan
Published 1961**

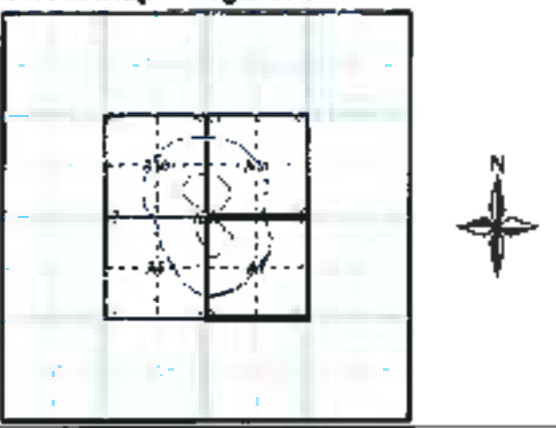
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1984 the 1:2,500 scale was adopted for mapping urban areas and by 1998 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1909, 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)

ST 494 1961 1:2,500	ST 496 1961 1:2,500
ST 494 1961 1:2,500	ST 496 1961 1:2,500

Historical Map - Segment A7



Order Details

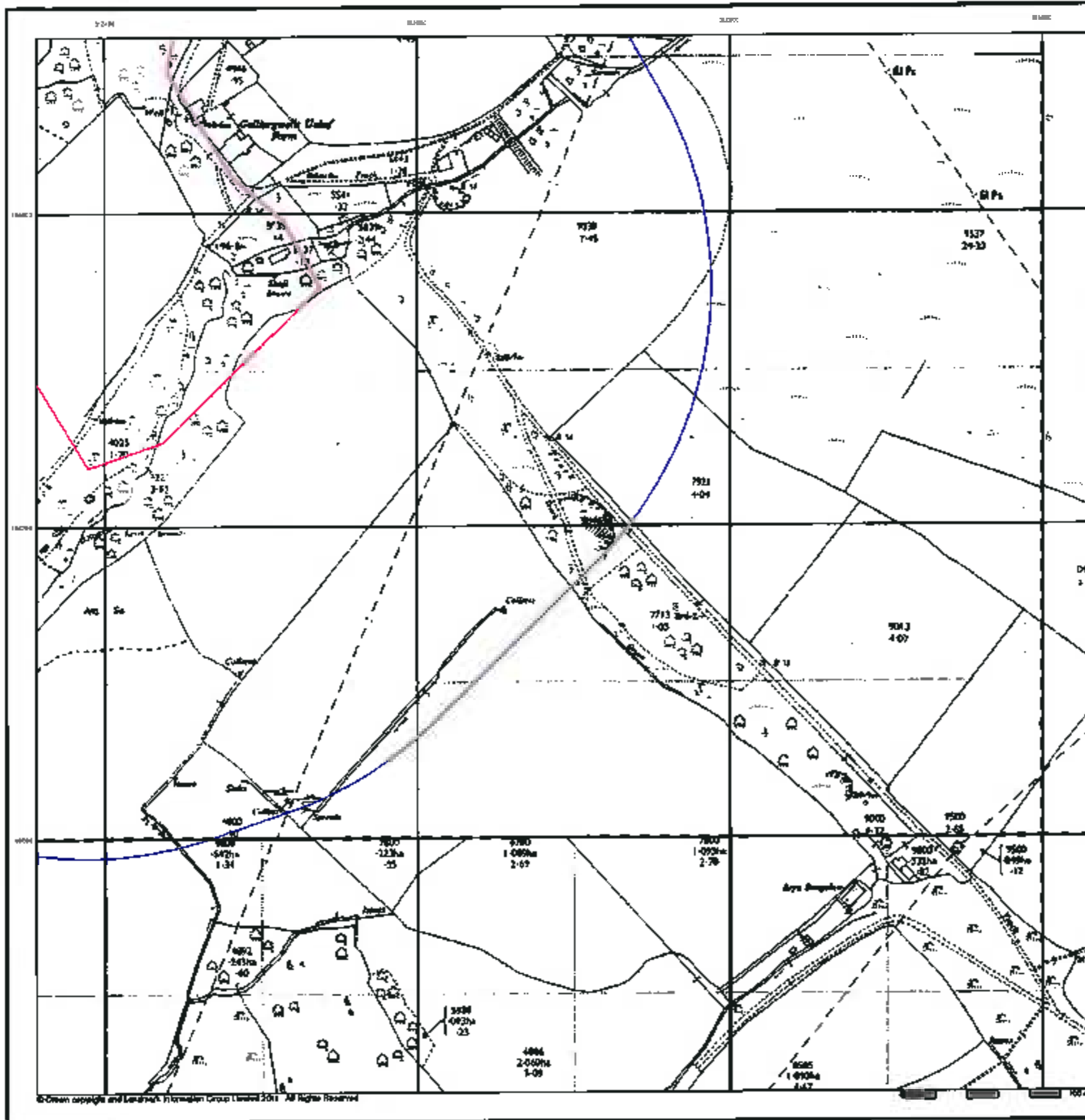
Order Number: 38083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 186540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligorswell Uchaf Farm, Gelligors, Hengoed, CF62 6FY



Tel 0844 044 0962
 Fax 0844 044 0963
 Web www.envirocheck.co.uk



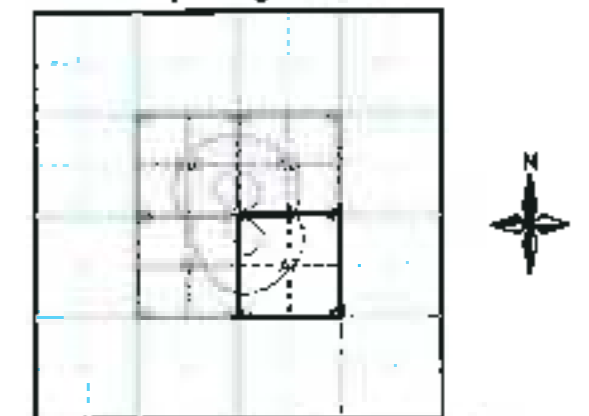
**Additional SIMs
Published 1961 - 1990
Source map scale - 1:2,500**

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are neither, 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)

ST296 500 1	ST296 500 12-500
ST296 507 12-500	ST296 504 10-500

Historical Map - Segment A7



Order Details

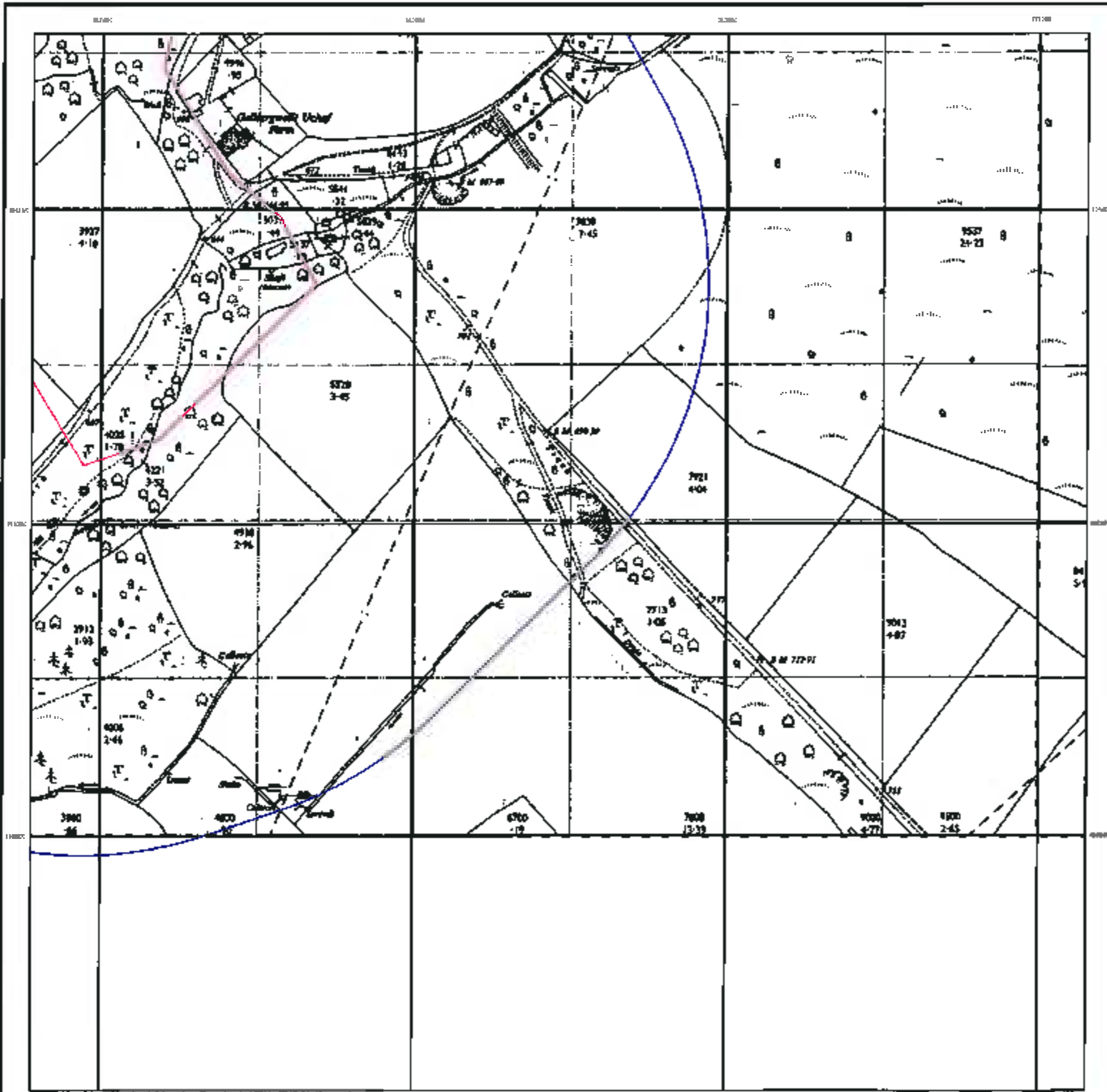
Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 186540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Golligorswell Uchaf Farm, Golliger, Hengoed, CF82 6FY



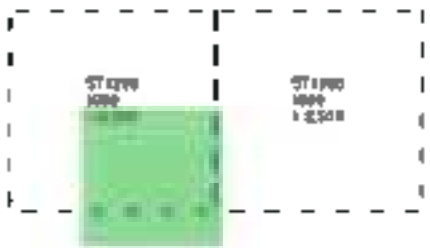
Tel: 0544 644 000
 Fax: 0544 644 054
 Web: www.envirocheck.co.uk



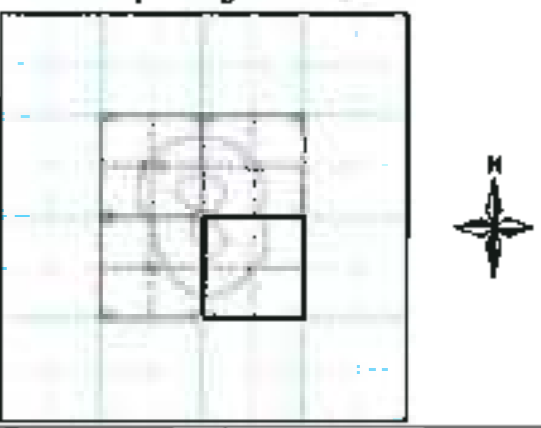
**Ordnance Survey Plan
Published 1969
Source map scale - 1:2,500**

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 1859 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 1830, 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 AY



Order Details

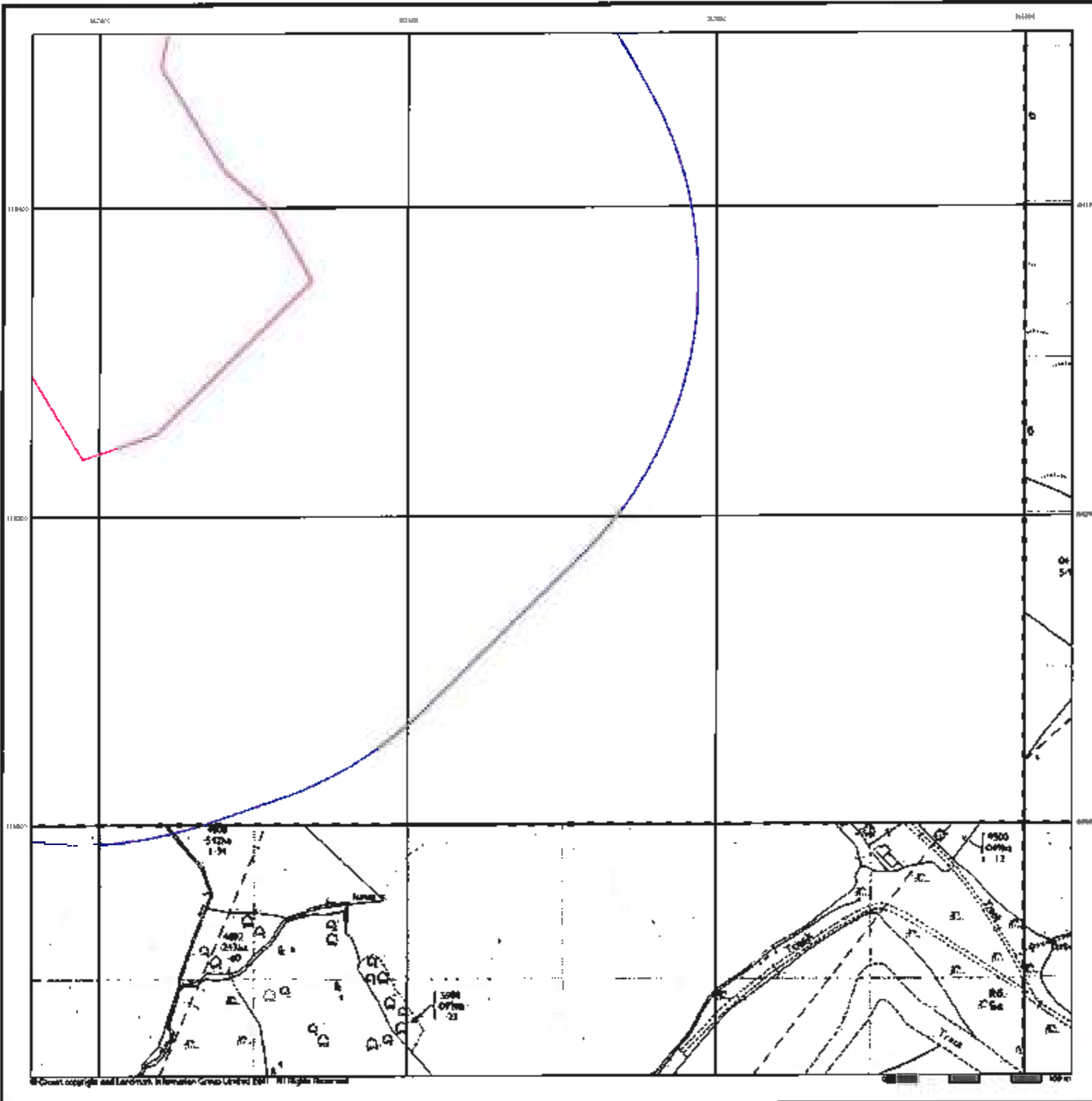
Order Number: 38063871_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198540
 Sheet: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 6FY



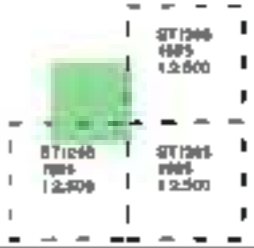
Tel: 0844 844 0952
 Fax: 0844 844 0951
 Web: www.envirocheck.co.uk



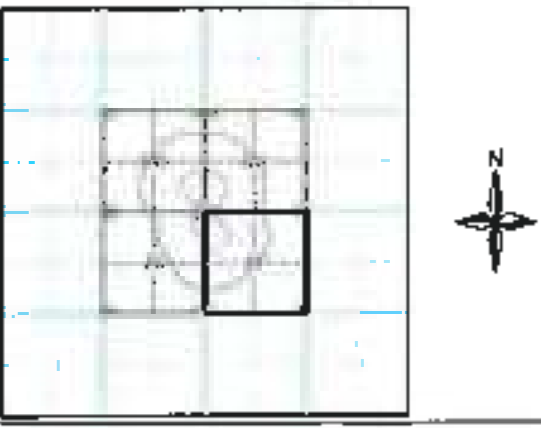
**Additional SIMs
Published 1985
Source map scale - 1:2,600**

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are better, minor editions of mapping which were produced and published in between the main editions to 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



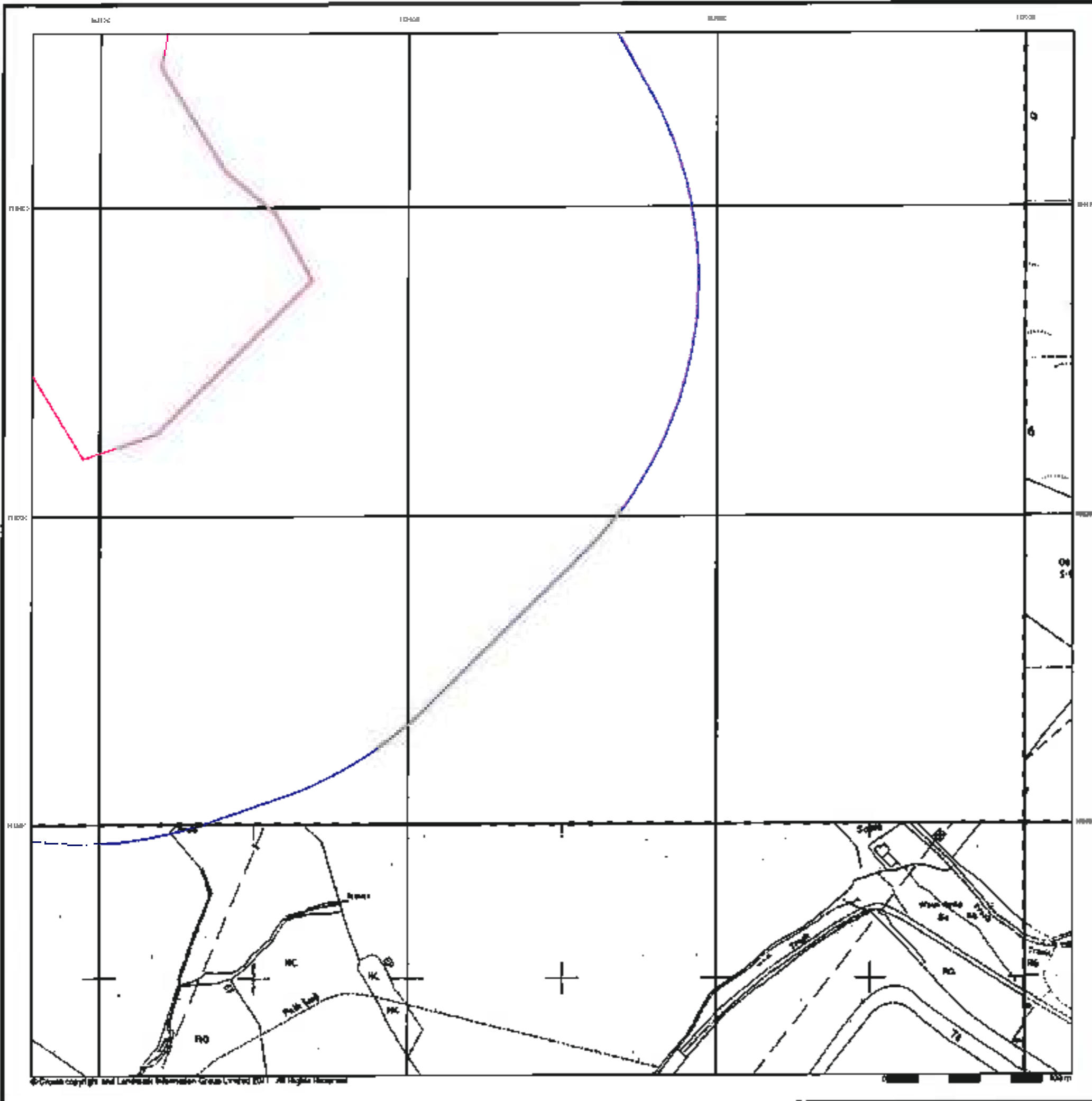
Order Details

Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Geligaerweli Uchaf Farm, Geligaer, Hengoed, CF82 8FY





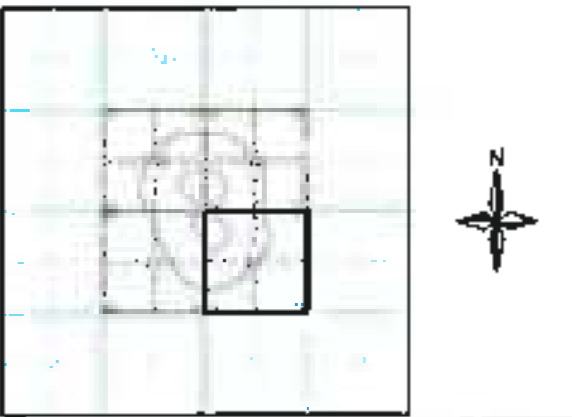
**Additional SIMs
Published 1989 - 1992
Source map scale - 1:2,500**

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)

ST1206 1989 1:2,500	ST1206 1992 1:2,500
---------------------------	---------------------------

Historical Map - Segment A7



Order Details

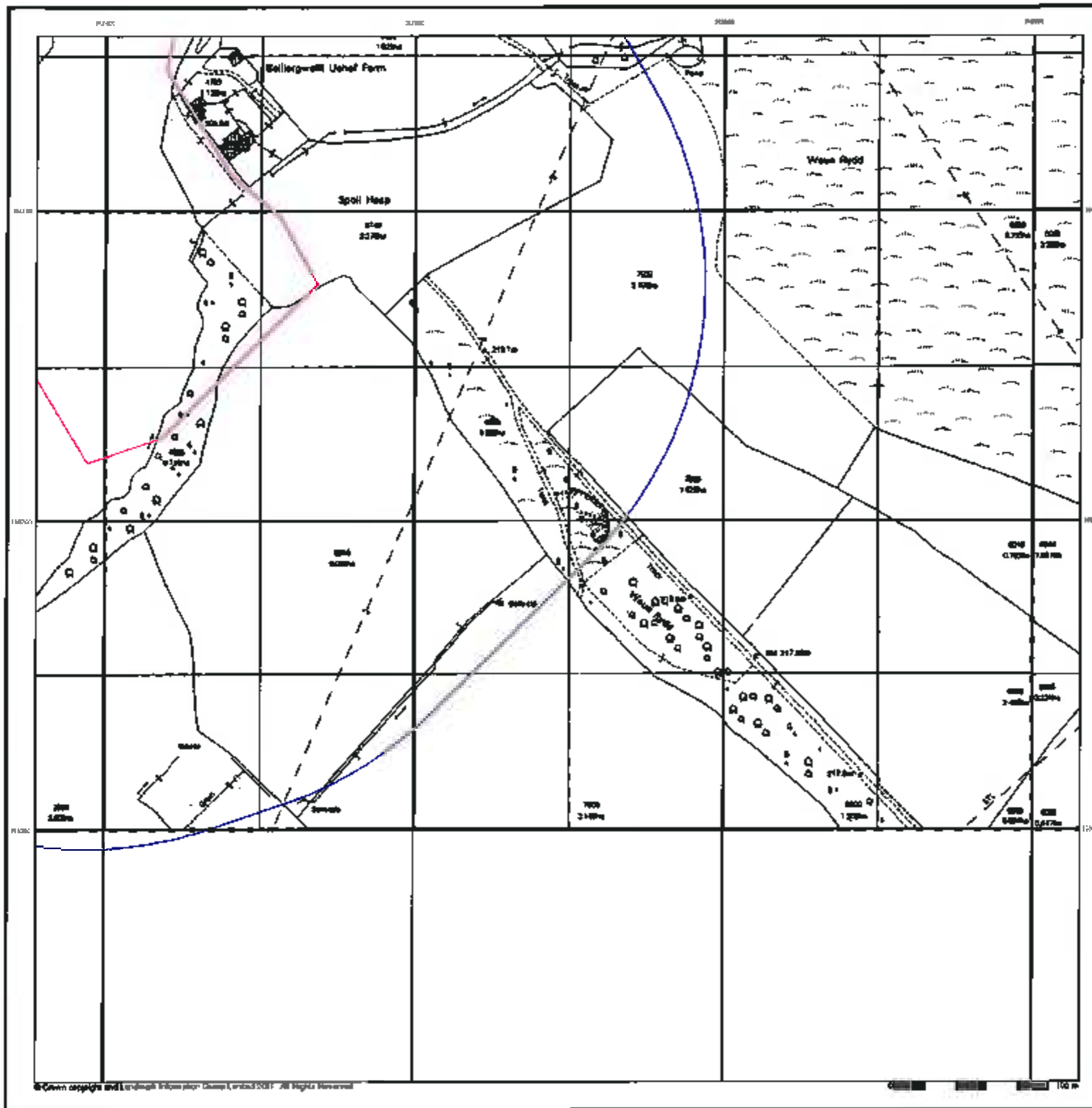
Order Number: 36063871_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 106540
 Site: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gallgareweth Uchaf Farm, Gallgareweth, Hengoed, CF82 8FY



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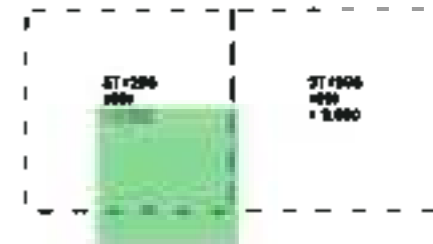
Ordnance Survey Plan

Published 1991

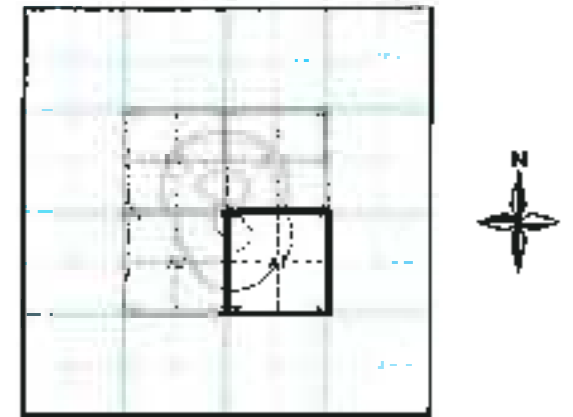
Source map scale - 1:2,500

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 1899 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1955, 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

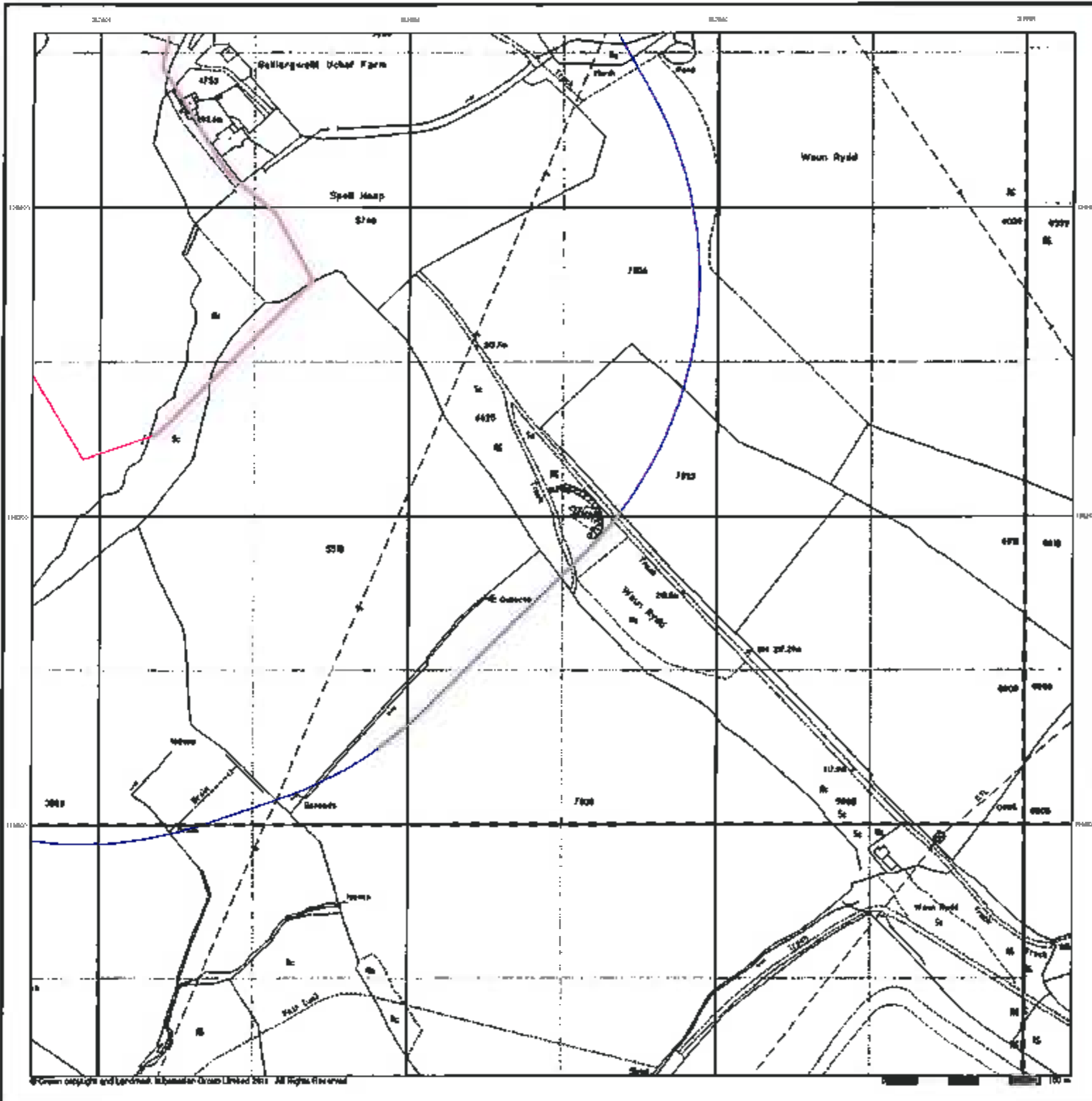
Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligwrall Uchaf Farm, Gelligwrall, Hengoed, CF82 8FY



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 Fax: 0844 444 0951
 Web: www.landmark.co.uk



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

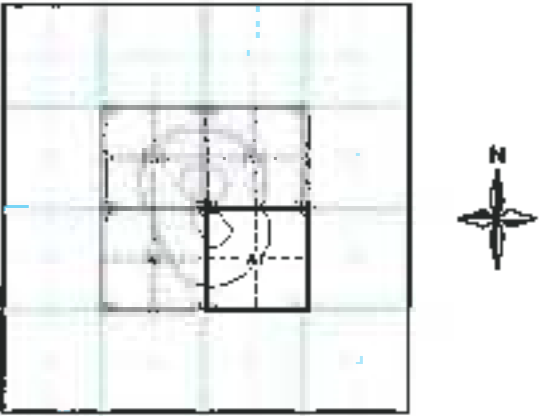
Source map scale - 1:2,500

Large Scale National Grid Data superseded OSi cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1993, and continued to be produced until 1994. These maps were the first examples 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)

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

Historical Map - Segment A7



Order Details

Order Number: 38063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: S12380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Galligawell Uchaf Farm, Galligaw, Hengoed, CF82 8FY



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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
 Owens
 Rough Pasture
 Furze
 Wood
 Mixed Wood
 Bramblewood
 Orchard
 Ferry
 Waterfall
 Lock
 Trig. Station
 Altitude at Trig. Station
 Bench Mark
 Surface Level
 Arrow denoting 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. Bord. Bd. County Borough Boundary (Scotland)
 Co. Burgh Bd. County Burgh Boundary (Scotland)
 B.P. B.S. Boundary Post or Stone
 H.C.B. Police Cell Box
 B.S. Bridge Road
 P. Pump
 C.P. Electricity Pylon
 S.P. Signal Post
 F.B. Foot Bridge
 S. Stone
 F.P. Foot Path
 S.P. Spring
 C.P. Guide Post or Board
 H.C.B. Telephone Call Box
 M.S. Mile Stone
 T. Trough
 N.P. N.I. Meeting Post or Pile
 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
 Cave
 Slopes
 Top
 Roofted Building
 Glazed Roof Building
 Arched Way
 Roofted Masonry
 Arched Way
 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 marking changes
 BH Bone House
 F Filter, Filter Post
 B.P., B.S. Boundary Post or Stone
 PO Post Office
 C.C. Captain, Cross
 PC Public Convenience
 Ch Chimney
 PH Public House
 O.P. Old Pond
 P Pump
 B.P. Electricity Pylon or Post
 S.B., S.Br. Signal Box or Bridge
 F.A.P. Fire Alarm Filter
 S.P., S.L. Signal Post or Light
 F.B. Foot Bridge
 S.P. Spring
 G.P. Guide Post
 T.K. Tank or Trough
 H Hydraulic or Hydroptic
 T.C.B. Telephone Call Box
 L.D. Level Crossing
 T.C.P. Telephone Call Post
 M.M. Millcham
 T Trough
 M.P. Mile Post or Moving Post
 W.P.L., W.T. Water Pylon, Water Tap
 M.S. Mile Stone
 W Well
 M.T. Normal Tidal Limit
 W.P. Wind Pump

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

Cell
 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
 Bench Mark
 Buildings with Building Seed
 Roofted Building
 Glazed Roof Building
 Civil parish/community boundary
 - - - - - District boundary
 - - - - - County boundary
 - - - - - Boundary post/stone
 Boundary marking symbol (note: these always appear in opposed pairs or groups of three)

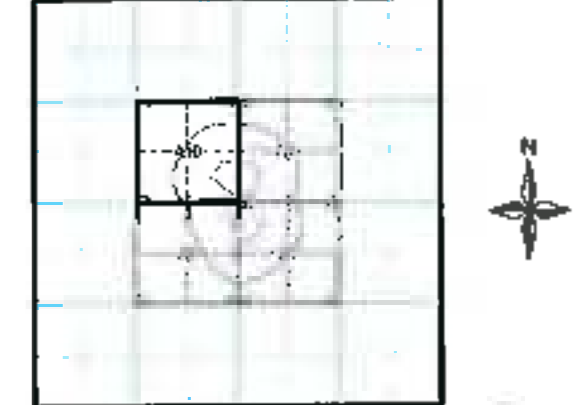
Ba Barracks	P Mill, Pole or Post
Bg Battery	PO Post Office
Cs Cemetery	PC Public Convenience
Ch Chimney	Pp Pump
Ch Class	Pp St. Pumping Station
Ch. Ry. Elevated Railway	PW Place of Worship
Ch. Ry. Electricity-Generating Station	Sr. Pp. St. Sewage Pumping Station
EP Electricity Pylon, Pylon	S.S., S.Br. Signal Box or Bridge
ESub St. Electricity Sub Station	S.P., S.L. Signal Post or Light
FB Filter Bed	Sr Spring
F/D/Fa Fountain / Drinking Fcn.	Tk Tank or Trough
Gas Gov. Gas Valve Compound	T.C.B. Telephone Call Box
Gas G. Gasometer	T.C.P. Telephone Call Post
GP Guide Post	T Trough
M.M. Millcham	W.P.L., W.T. Water Pylon, Water Tap
M.P. Mile Post or Mile Stone	W Well
M.T. Mile Post or Mile Stone	W.P. Wind Pump



Historical Mapping & Photography included:

Mapping Title	Scale	Date	Pg
Glomorganshire	1:2,500	1876	2
Glomorganshire	1:2,500	1900	3
Glomorganshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1941	6
Ordnance Survey Plan	1:2,500	1988 - 1973	8
Supply of Unpublished Survey Information	1:2,500	1973	7
Additional SIMs	1:2,500	1982 - 1988	8
Additional SIMs	1:2,500	1987	9
Ordnance Survey Plan	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1992	11

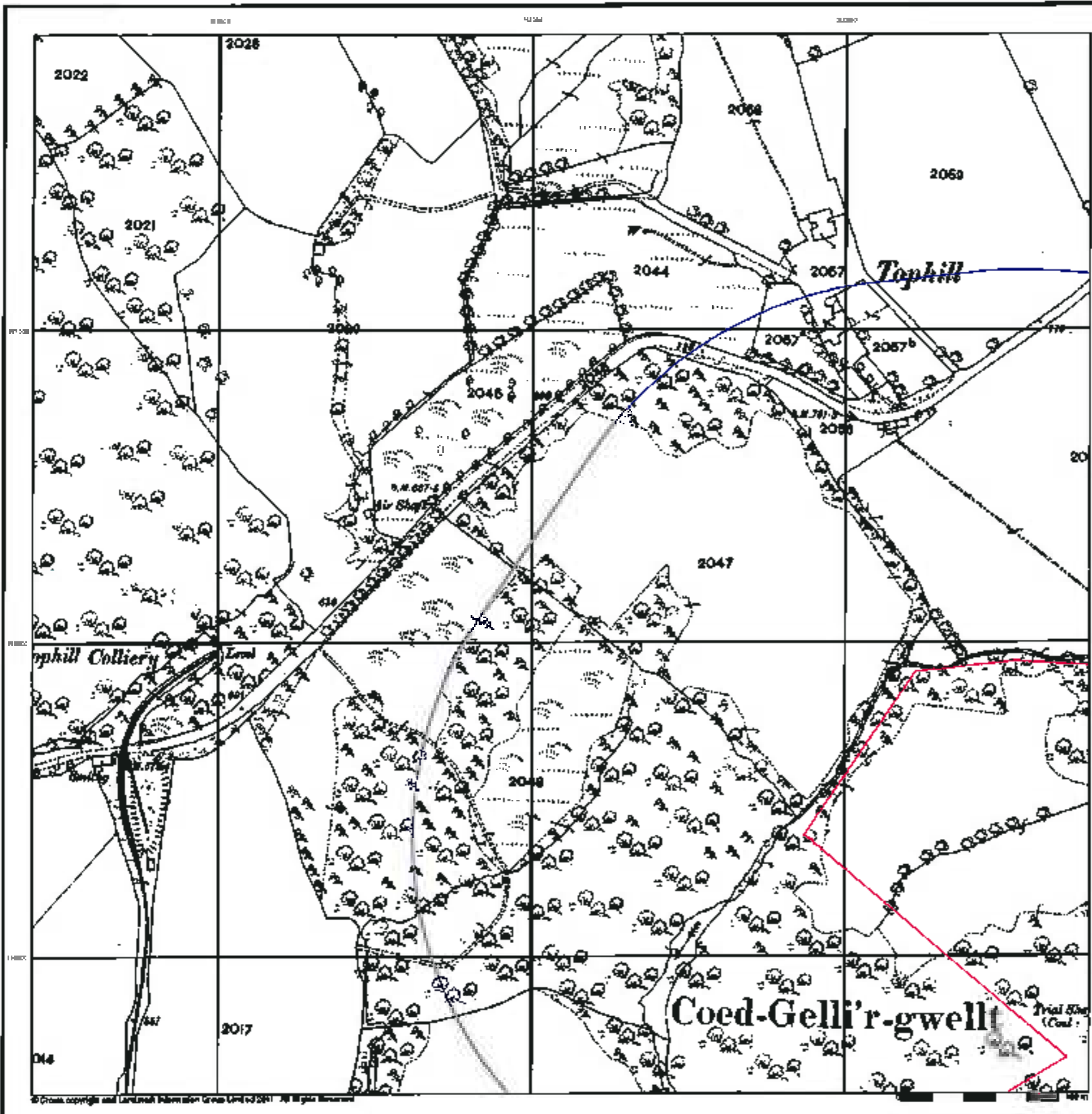
Historical Map - Segment A10



Order Details
 Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312360, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details
 Gelligauws Uchaf Farm, Gelligau, Hengoed, CF62 6FY



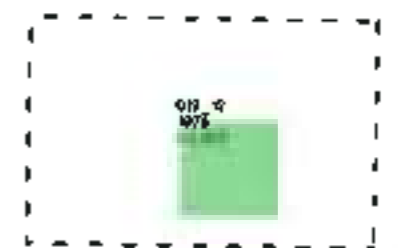


**Glamorganshire
Published 1875**

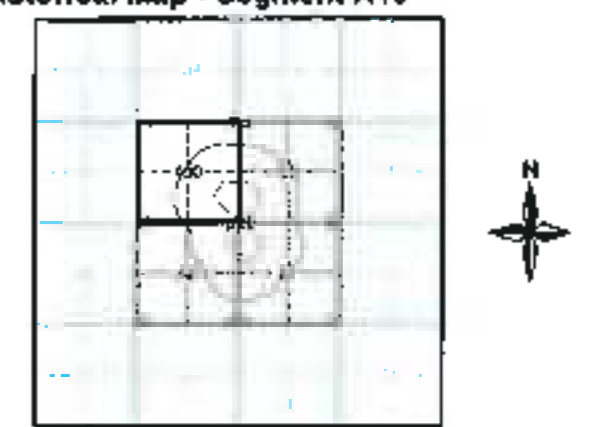
Source map scale - 1:2,500

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 1899 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed data. Before 1930, 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

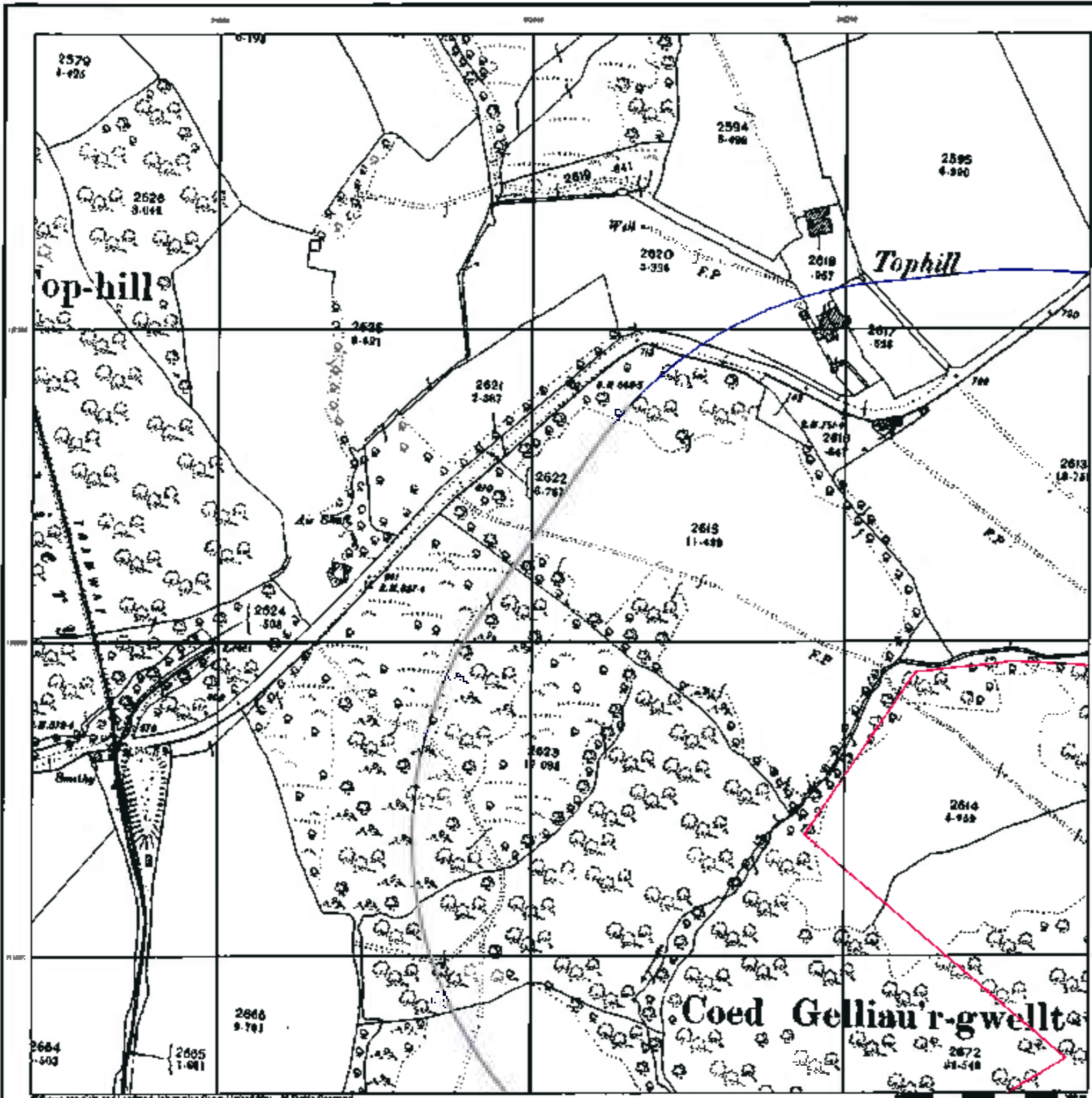
Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312390, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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



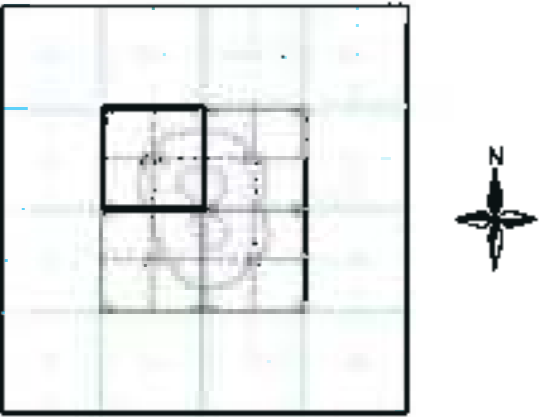
Glamorganshire
Published 1900
Source map scale - 1:2,500

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 1898 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed data. Before 1836, 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

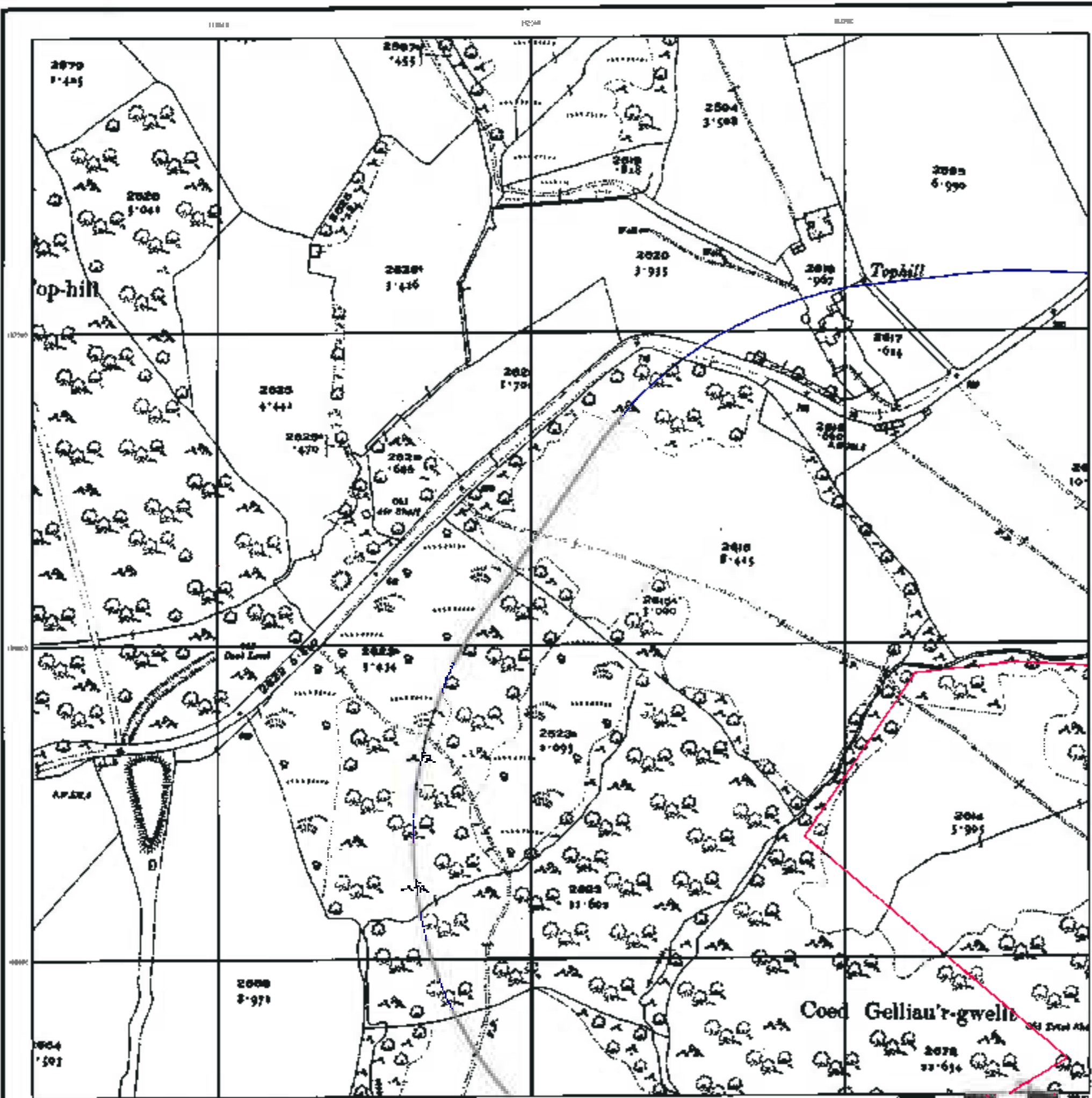
Order Number: 38083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312380, 186540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligerwell Uchar Farm, Gelliger, Hengoed, CF82 8FY



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 Fax: 0544 841 9951
 Web: www.landmark.co.uk



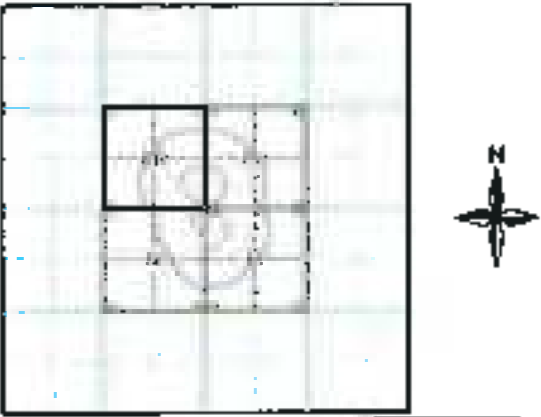
Glamorganshire
Published 1920
Source map scale - 1:2,500

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 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 1830, 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 cutting areas.

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

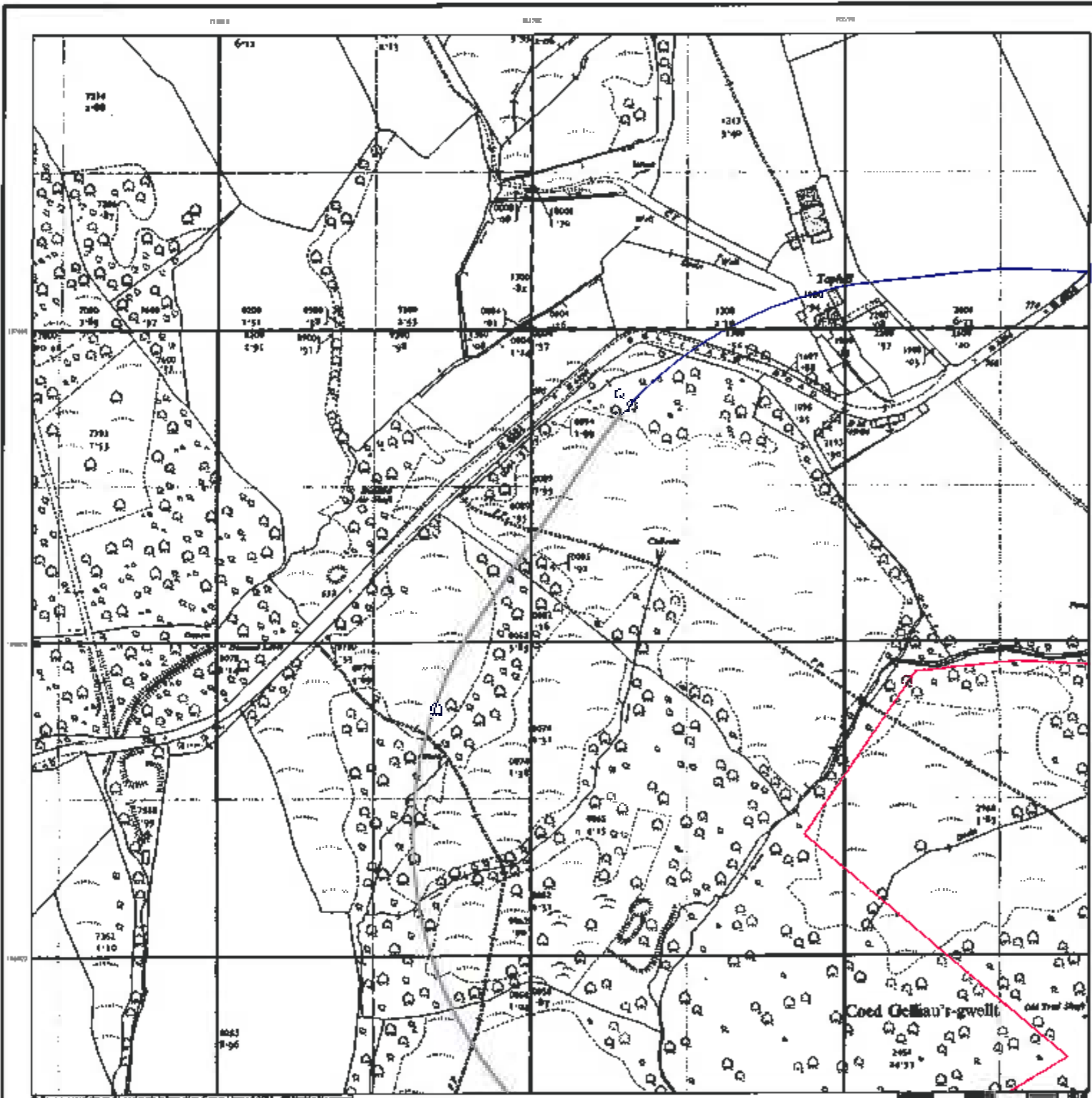
Order Number: 3608971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Golligerwell Uchaf Farm, Golliger, Hengoed, CF82 8FY



Tel: 0944 844 020
 Fax: 0944 844 933
 Web: www.envirocheck.co.uk



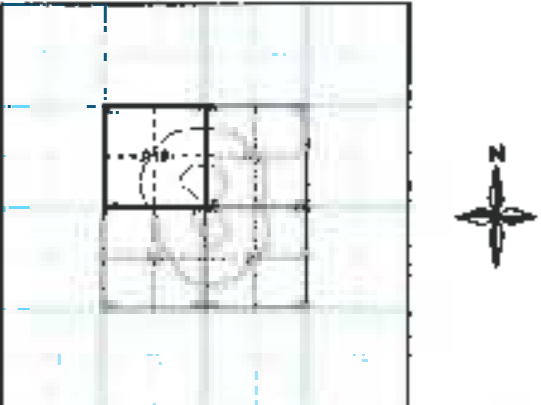
**Ordnance Survey Plan
Published 1961
Source map scale - 1:2,500**

The historical maps shown were reproduced from maps previously only held at the scale adopted for England, Wales and Scotland in the 1940's. In 1964 the 1:2,500 scale was adopted for mapping urban areas and by 1968 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 1825, 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 cutting areas.

Map Name(s) and Date(s)

ST1197 491 12,500	ST1207 501 12,500
ST1196 491 12,500	ST1206 491 12,500

Historical Map - Segment A10



Order Details

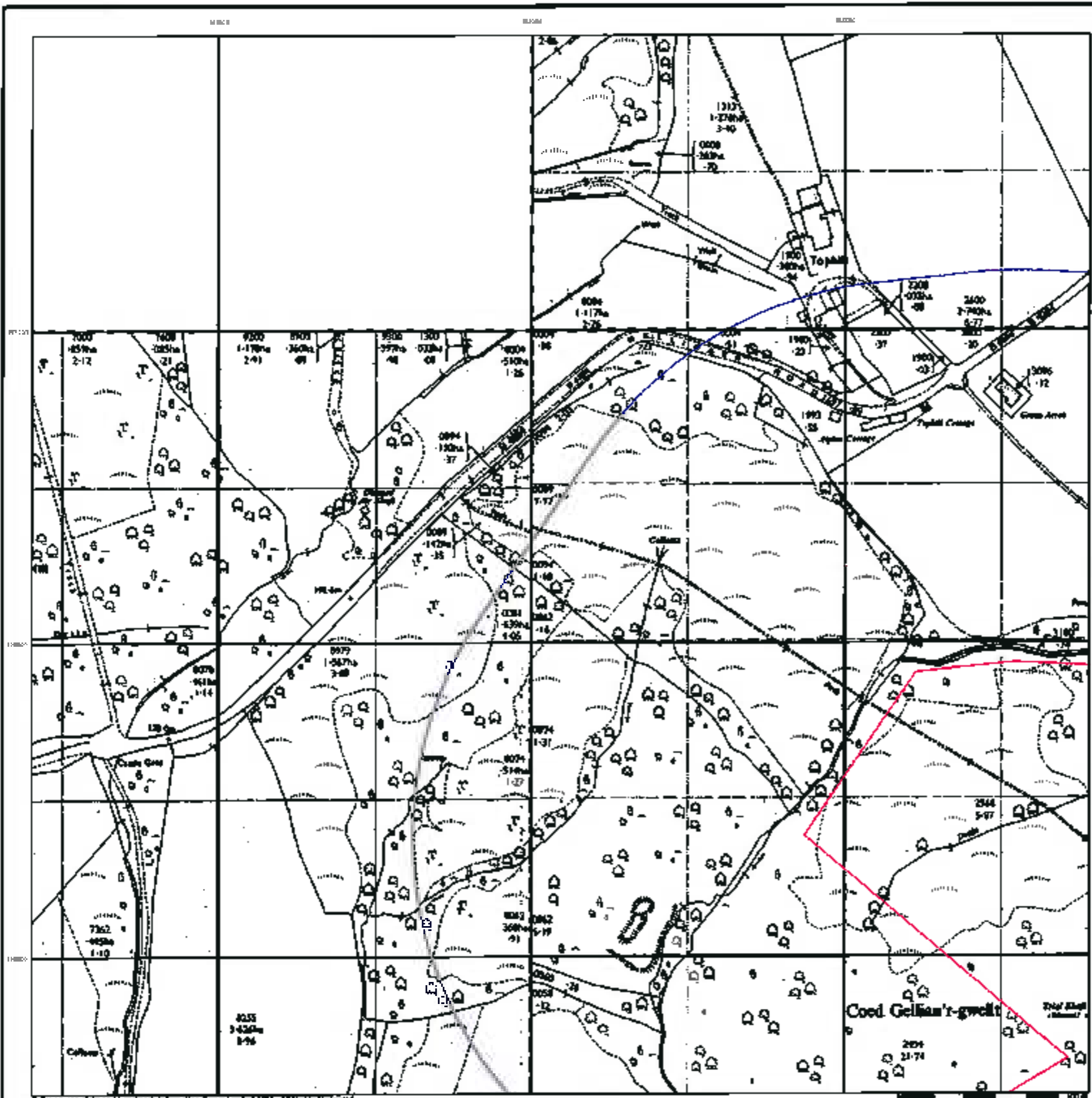
Order Number: 30083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: ST12380, 196540
 Site: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Gellgaerwilt Uchaf Farm, Gellgaer, Hengoed, CF62 6FY



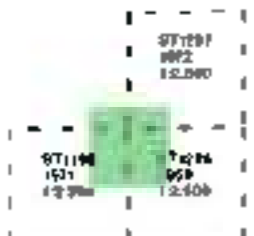
Tel: 0844 544 0002
 Fax: 0844 544 5951
 www.envirocheck.co.uk



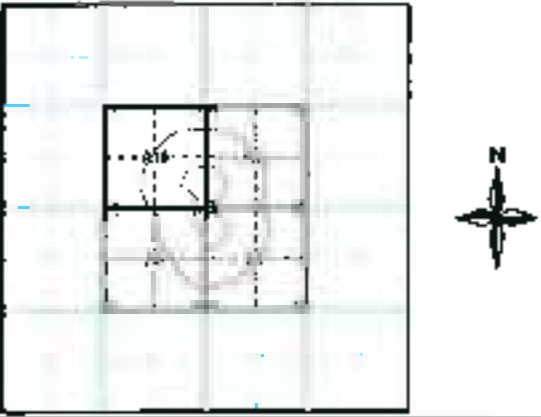
**Ordnance Survey Plan
Published 1969 - 1972
Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1960 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 1955, 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

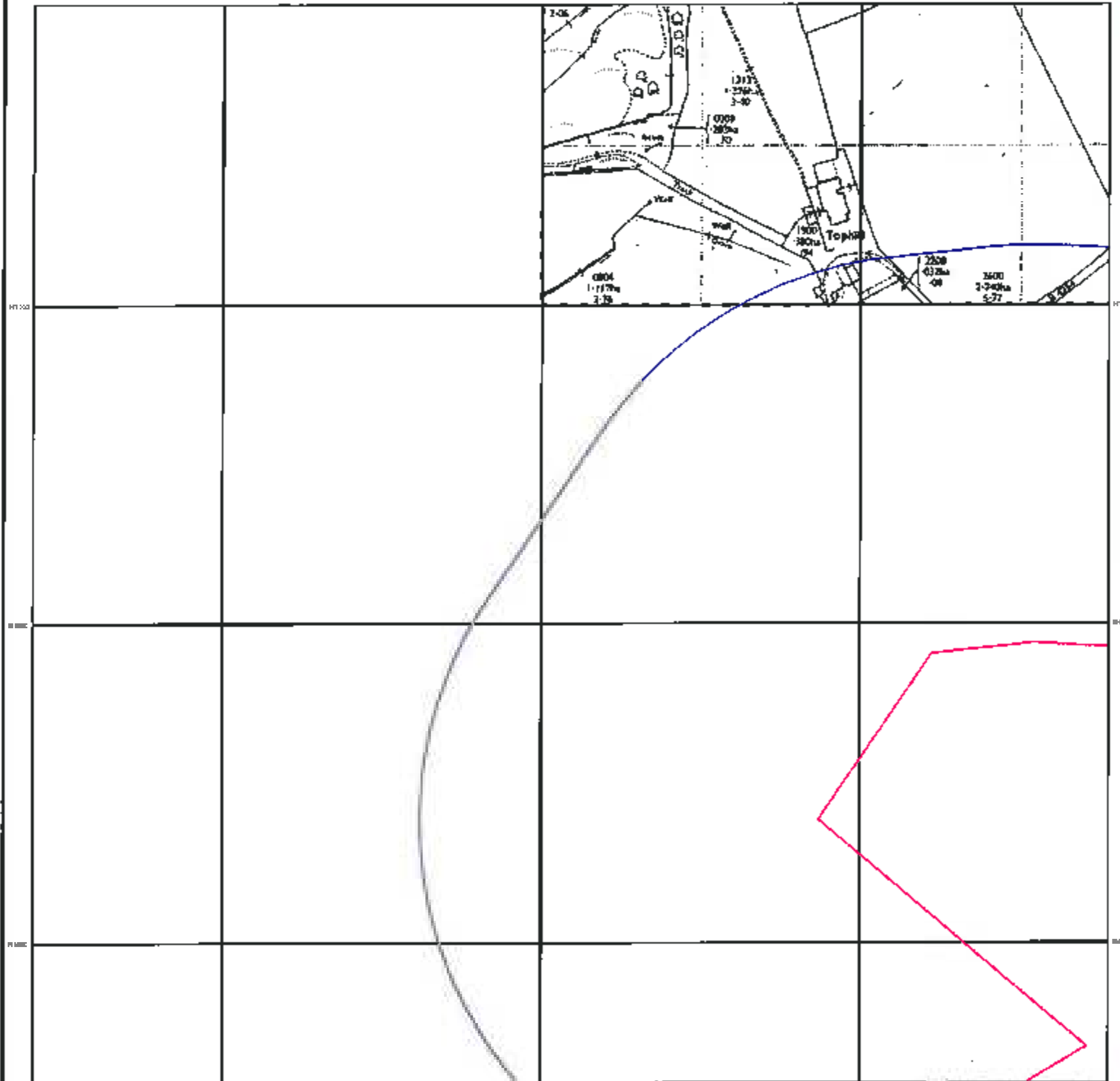
Order Number: 38083871_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Gelligaerwilt Uchaf Farm, Gellgaer, Hengoed, CF62 8FY



Tel: 0800 844 8952
 Fax: 0800 844 8951
 Web: www.envirocheck.co.uk



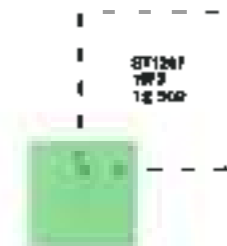
Supply of Unpublished Survey Information

Published 1973

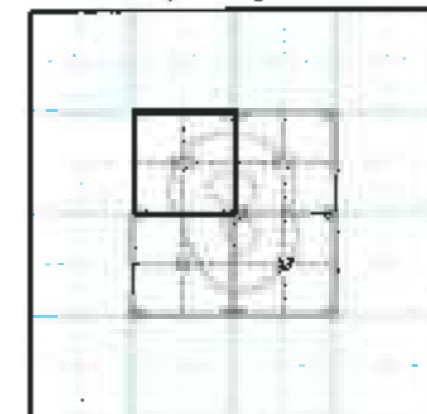
Source map scale - 1:2,500

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

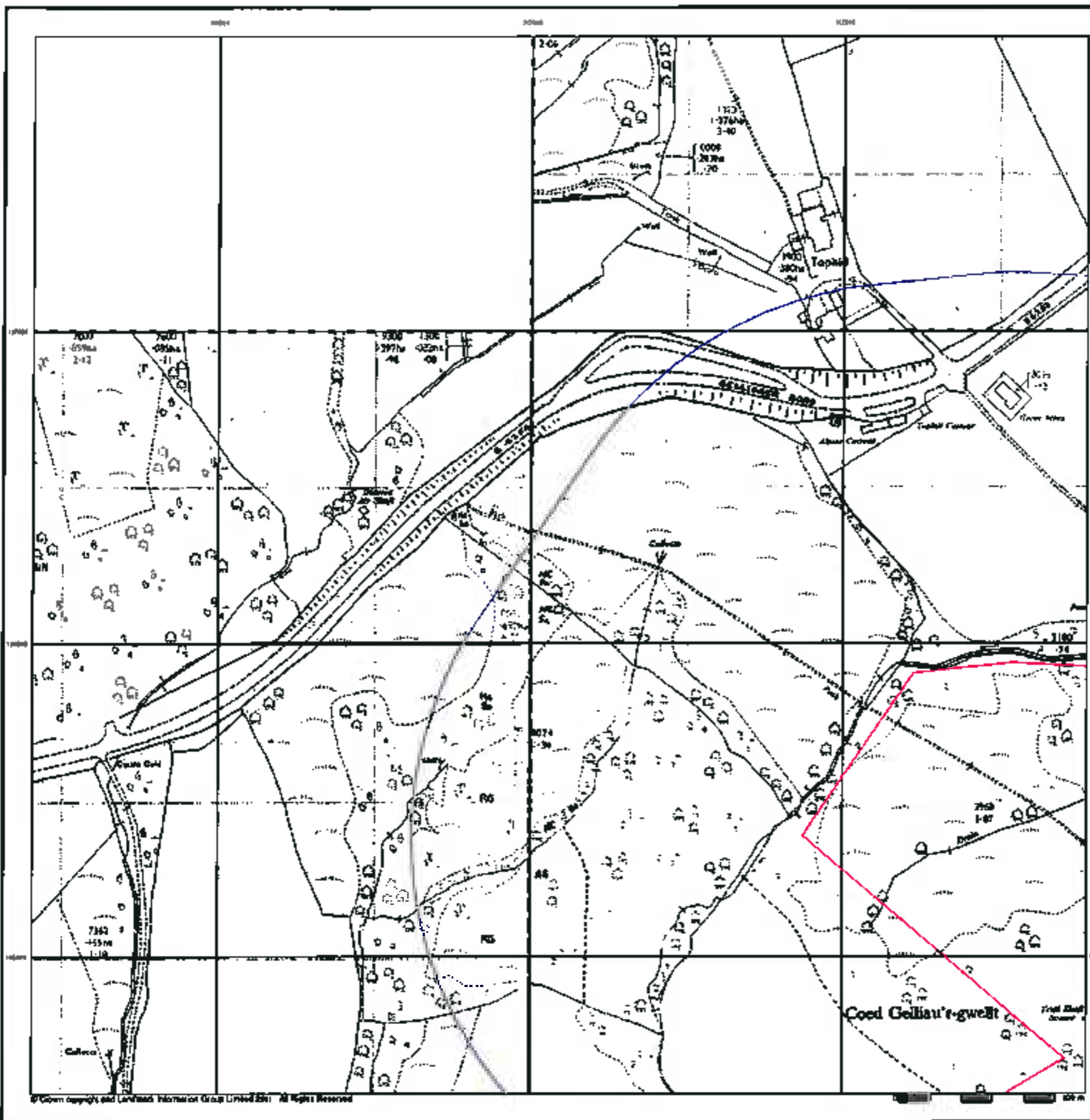
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: ST12360, 195540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelliogwenallt Uchaf Farm, Gelliogwenallt, Hengoed, CF82 8FY



Tel: 0844 844 8852
 Fax: 0844 844 8884
 Web: www.envirocheck.co.uk



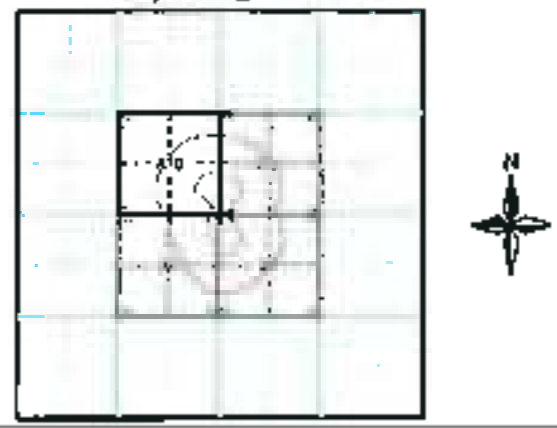
**Additional SIMs
Published 1982 - 1990
Source map scale - 1:2,500**

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 1987 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)

ST 1231	1982	1:2,500
ST 1230	1982	1:2,500
ST 1232	1982	1:2,500

Historical Map - Segment A10



Order Details

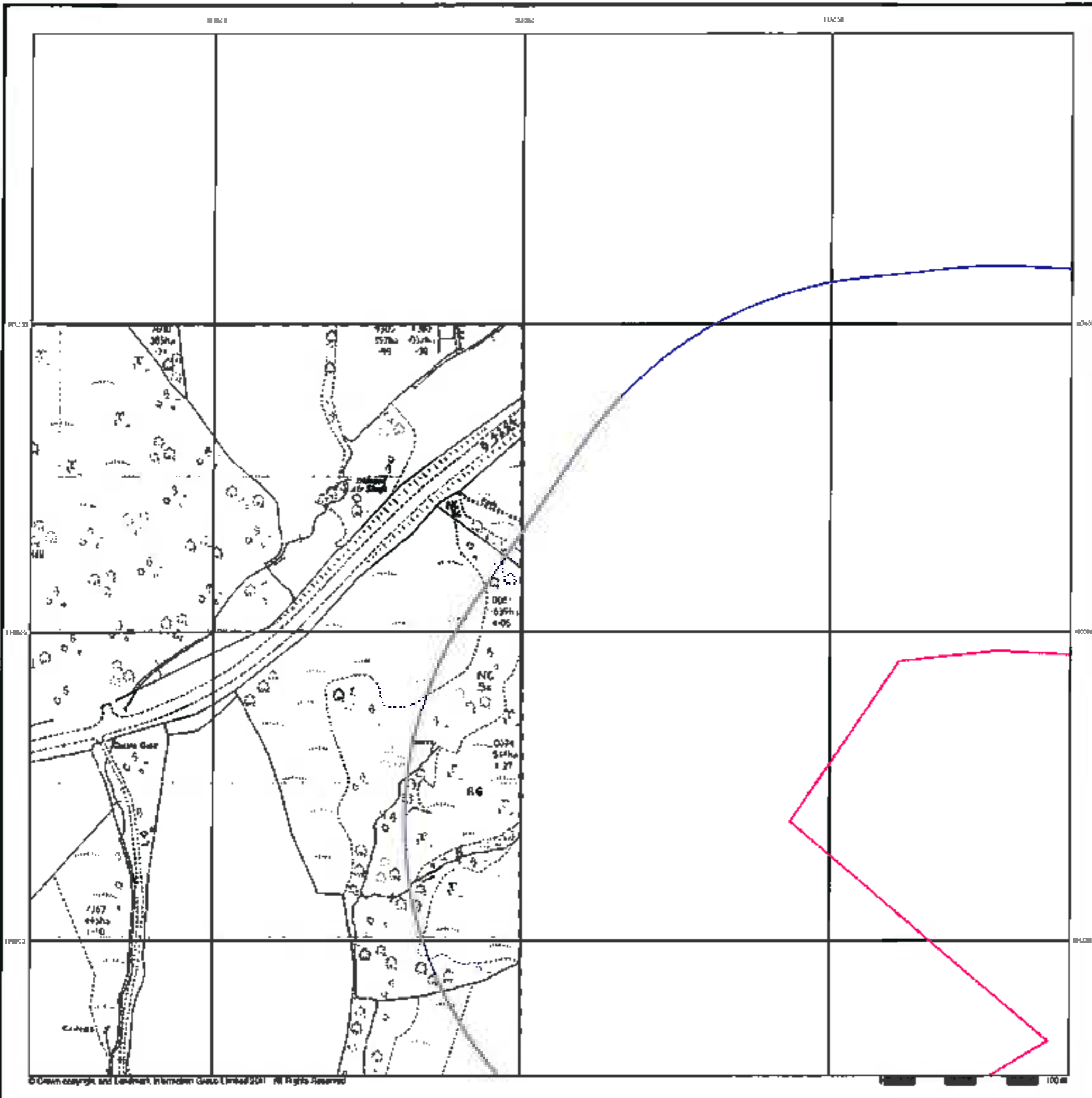
Order Number: 36083971_1_1
 Customer Ref: Bryn D
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gellgaerwellt Uchaf Farm, Gellgaer, Hengoed, CF82 8FY



Tel: 0844 842 0930
 Fax: 0844 842 0951
 Web: www.0844redtech.co.uk

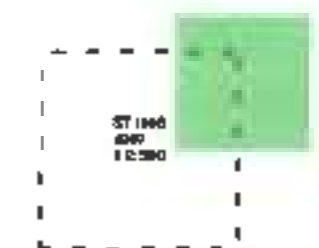


**Additional SIMs
Published 1987**

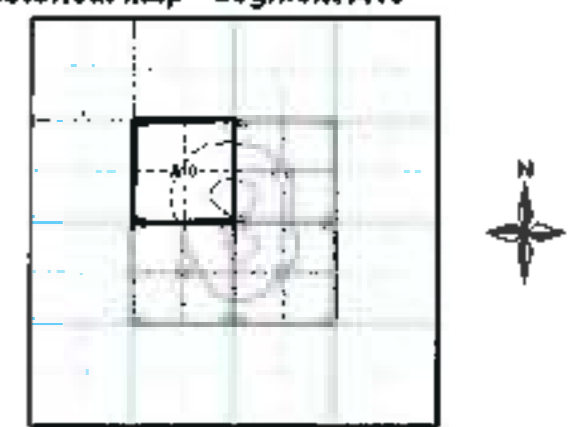
Source map scale - 1:2,500

The OSB cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, more editions of mapping which were produced and published in between the main editions as an area use update. They date from 1947 to 1984, 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: 312360, 196540
 Slice: A
 Site Area (Ha): 10.97
 Search Buffer (m): 250

Site Details

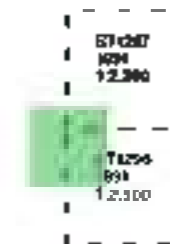
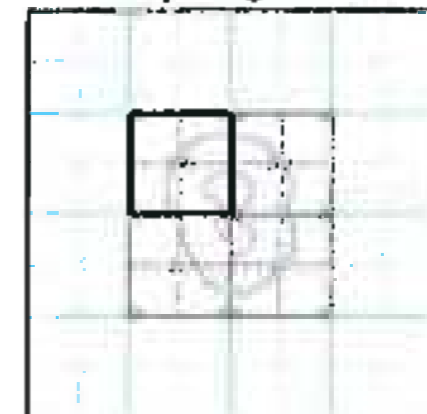
Geligaerwck Uchaf Farm, Geligaer, Hengoed, CF82 8FY



Tel: 0844 844 9992
 Fax: 0844 844 9991
 Web: www.envirocheck.co.uk

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

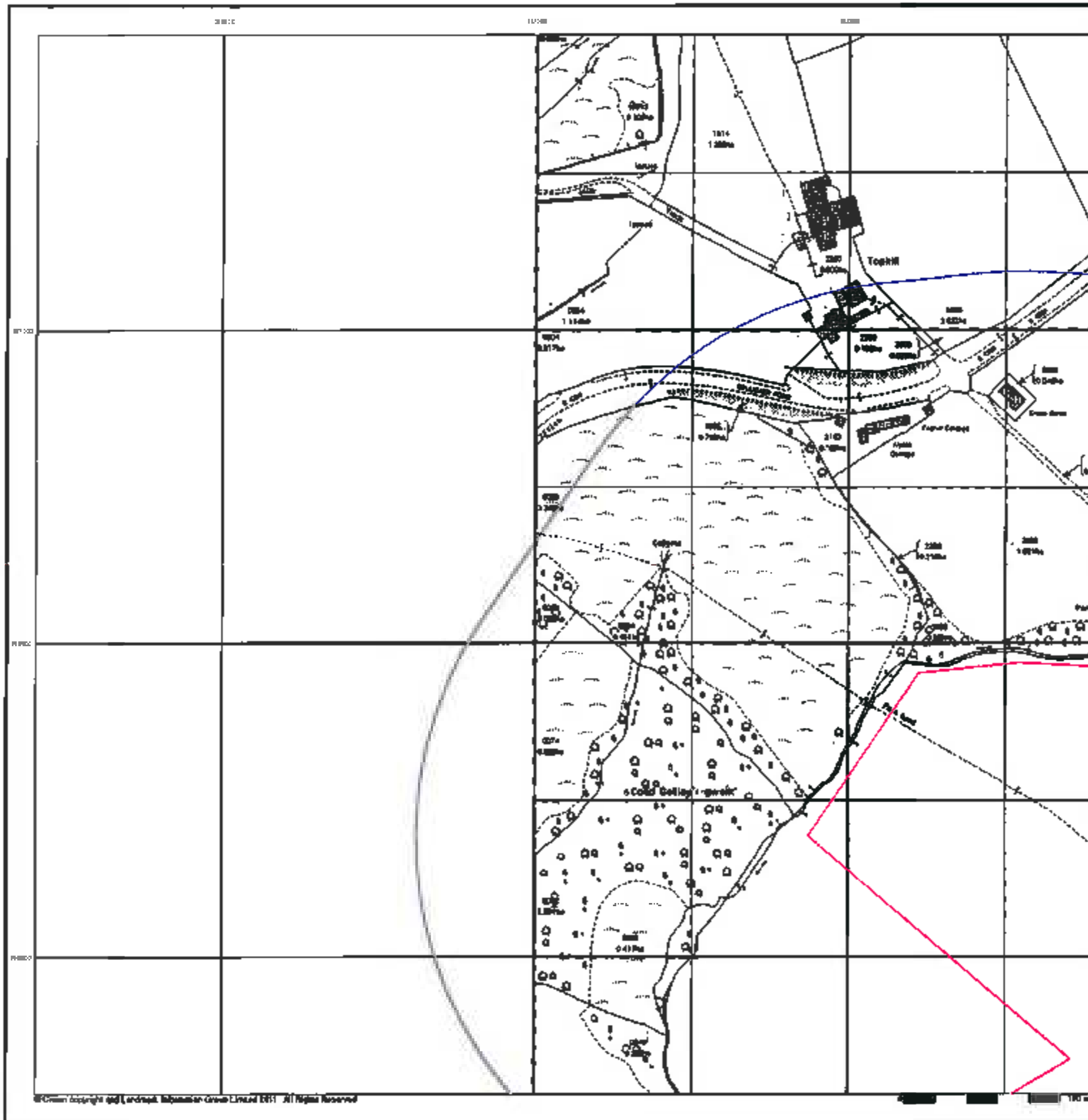
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1859 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1858, 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 adjoining areas.

Map Name(s) and Date(s)

Historical Map - Segment A10

Order Details

Order Number: 38083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligerwolk Uchar Farm, Gelliger, Hengoed, CF62 6FY

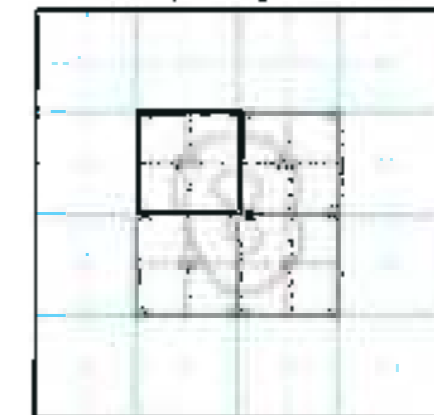


**Large-Scale National Grid Data
Published 1993**
Source map scale - 1:2,500

Large Scale National Grid Data superseded 844 series (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1993. These maps were the forerunners of digital mapping and so provide detailed information on features 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)

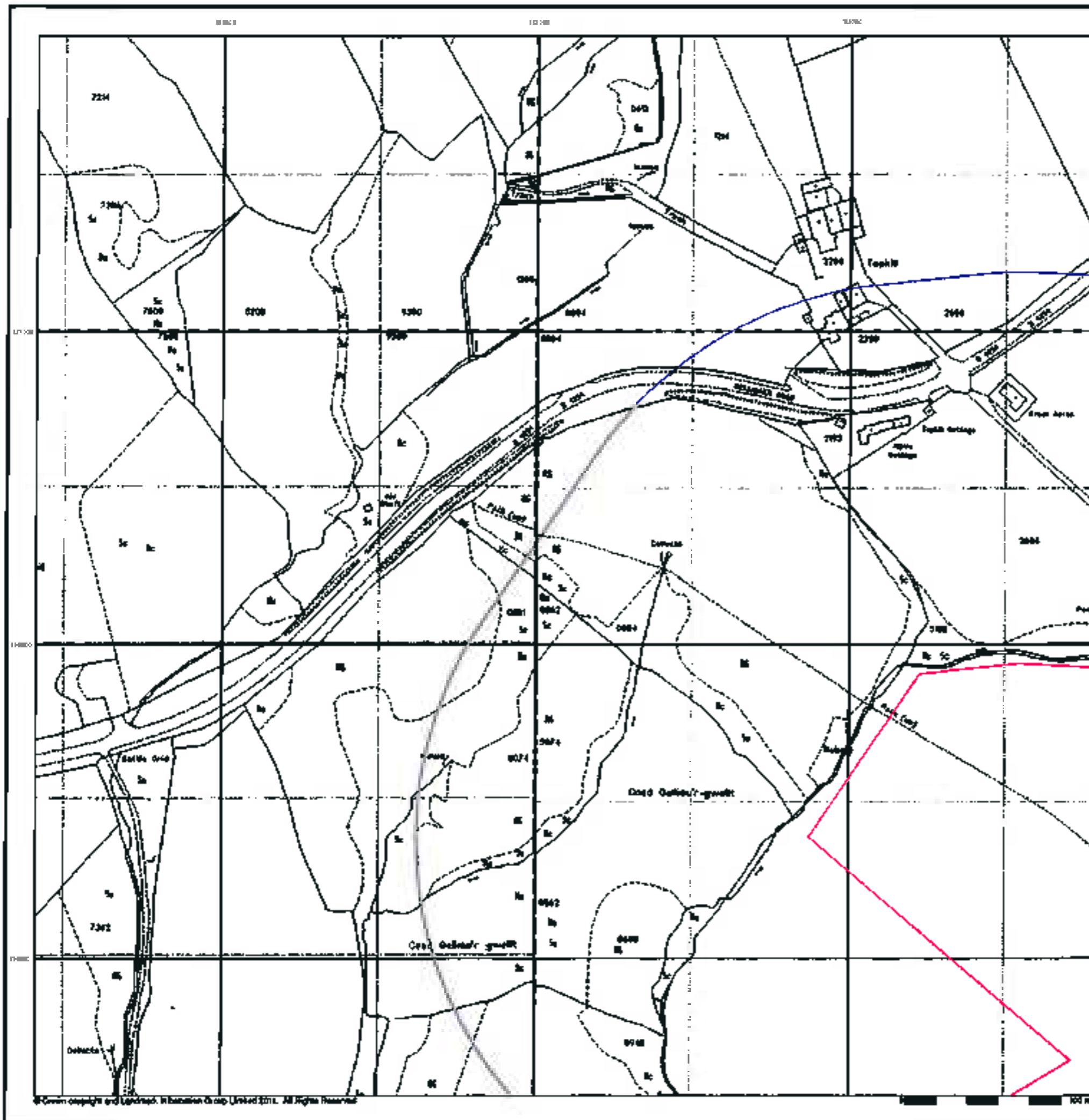
ST1147 1993 13.390	ST1147 1993 13.396
ST1146 1993 13.380	T1206 1993 13.400

Historical Map - Segment A10

Order Details

Order Number: 36083871_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gallgaswell Uchaf Farm, Gallgasr, Hengoed, CF62 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		Flint Rock		
	Marsh		Reeds		Oak
	Rough Pasture		Fence		Wood
	Mixed Wood		Brushwood		Orchard
	Ferry		Ford		Stepping Stones
	Waterfall		Lock		
	Triang. Station		Altitude at Triang. Station		
	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		
	County & Civil Parish Boundary		Administrative County & Civil Parish Boundary		
	County Borough Boundary (England)		County Borough Boundary (Scotland)		
	Boundary Post or Stone		Pillar or Cell Box		
	Bridle Road		Pump		
	Electricity Pylon		Signal Post		
	Foot Bridge		Sluice		
	Foot Path		Spring		
	Gates Post or Board		Telephone Call Box		
	Mile Stone		Trough		
	Moor Wall or Ring		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
	Rock		Boulders
	Roofed Building		Glazed Roof Building
	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
	Coppice, Oak		Reeds
	Rough Grassland		Heath
	Direction of water flow		Bench Mark
	Cave Entrance		Triangulation Station
	Electricity Transmission Line		Electricity Pylon
	County Boundary (Geographical)		County & Civil Parish Boundary
	County & Civil Parish Boundary		Civil Parish Boundary
	Administrative County or County Bor. Boundary		London Borough Boundary
	Symbol marking point where boundary merging changes		
	Barricade		Pillar, Pole or Post
	Boundary Post or Stone		Post Office
	Cape, Cove		Public Convenience
	Chimney		Public House
	Culvert		Pump
	Electricity Pylon or Post		Signal Box or Bridge
	Fire Alarm Pillar		Signal Post or Light
	Foot Bridge		Spring
	Gate Post		Tank or Trough
	Hydrant or Hydraulic		Telephone Call Box
	Level Crossing		Telephone Call Post
	Milestone		Trough
	Mile Post or Hearing Post		Water Post, Water Tap
	Mile Stone		Well
	Home/Tide Limit		Wind Pump

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

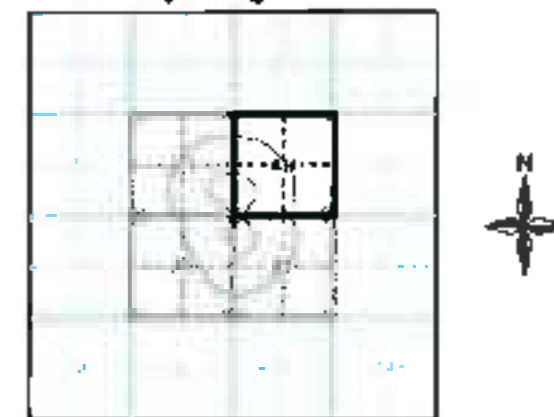
	Cliff		Slopes
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Positioned Boulder		Scree
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Oak		Reeds
	Rough Grassland		Heath
	Direction of water flow		Triangulation Station
	Electricity Transmission Line		Electricity Pylon
	Barricade		Bench Mark
	Roofed Building		Buildings with Building Seed
	Roofed Building		Glazed Roof Building
	Civil parish/community boundary		District boundary
	District boundary		County boundary
	County boundary		Boundary post/stone
	Boundary post/stone		Boundary marking symbol (note: these always appear in opposed pairs or groups of three)
	Barricade		Pillar, Pole or Post
	Boundary Post or Stone		Post Office
	Cape, Cove		Public Convenience
	Chimney		Public House
	Culvert		Pump
	Electricity Pylon or Post		Signal Box or Bridge
	Fire Alarm Pillar		Signal Post or Light
	Foot Bridge		Spring
	Gate Post		Tank or Trough
	Hydrant or Hydraulic		Telephone Call Box
	Level Crossing		Telephone Call Post
	Milestone		Trough
	Mile Post or Hearing Post		Water Post, Water Tap
	Mile Stone		Well
	Home/Tide Limit		Wind Pump



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ordnance Series	1:2,500	1876-1877	2
Ordnance Series	1:2,500	1880	3
Ordnance Series	1:2,500	1919-1920	4
Ordnance Survey Plan	1:2,500	1961	5
Ordnance Survey Plan	1:2,500	1965-1972	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Additional SIMs	1:2,500	1977-1988	8
Additional SIMs	1:2,500	1982-1985	9
Additional SIMs	1:2,500	1990	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

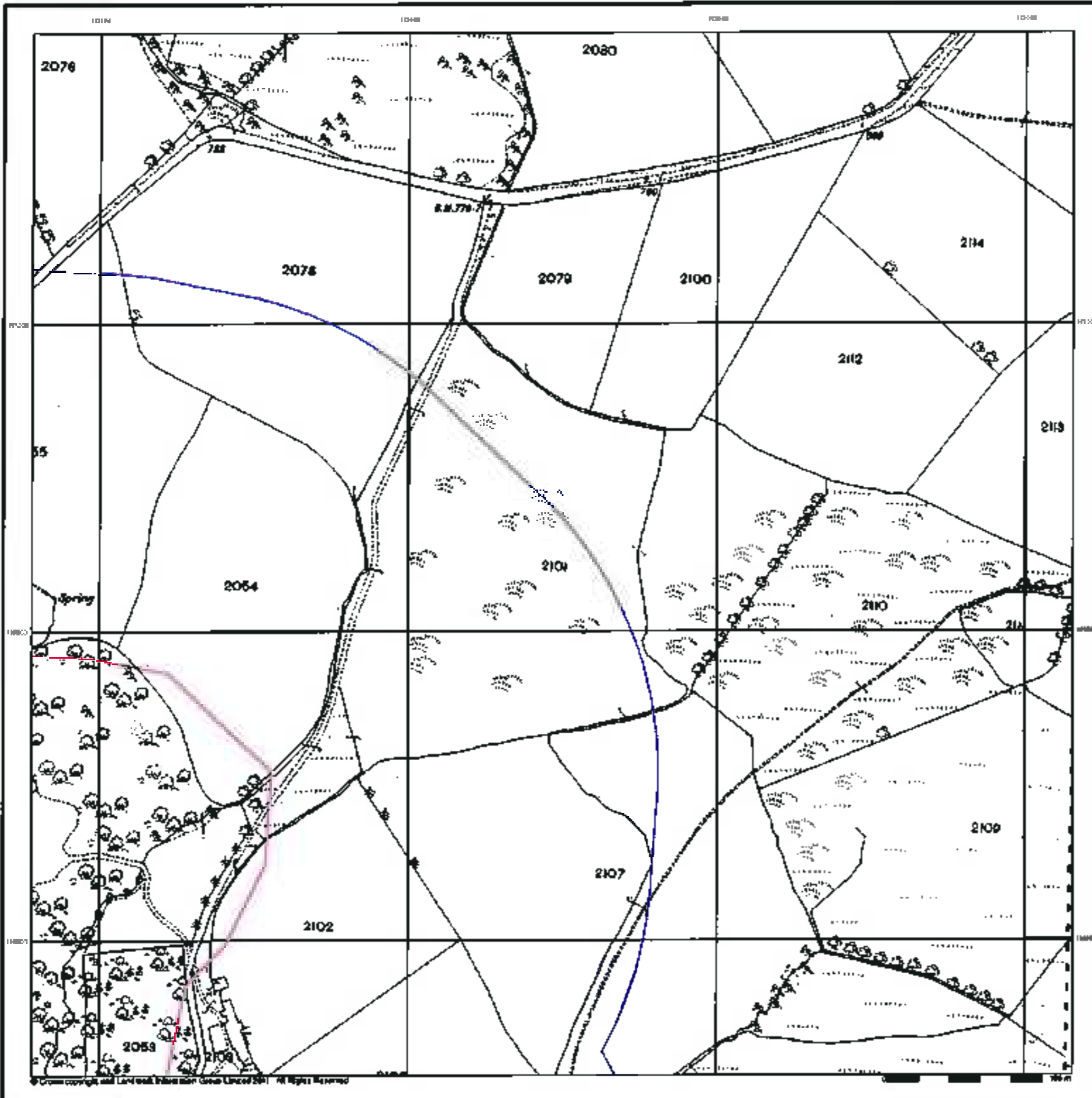
Order Number: 38083971_1_1
 Customer Ref: Byn Q
 National Grid Reference: 912360, 186540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Geligaerwolk Uchaf Farm, Geligaer, Hengoed, CF82 8FY



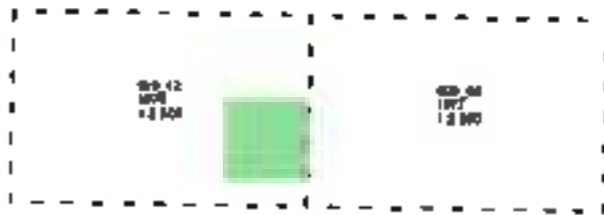
Tel: 0344 894 2253
 Fax: 0344 894 2251
 Web: www.envirocheck.co.uk



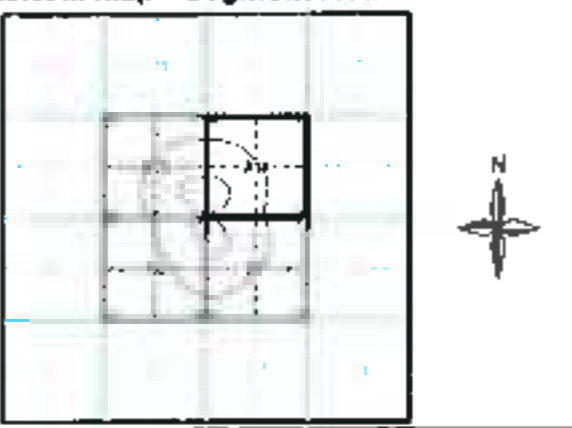
Glamorganshire
Published 1875 - 1877
Source map scale - 1:2,500

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 1898 it covered the whole of what was considered to be the out-lying parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1890, 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



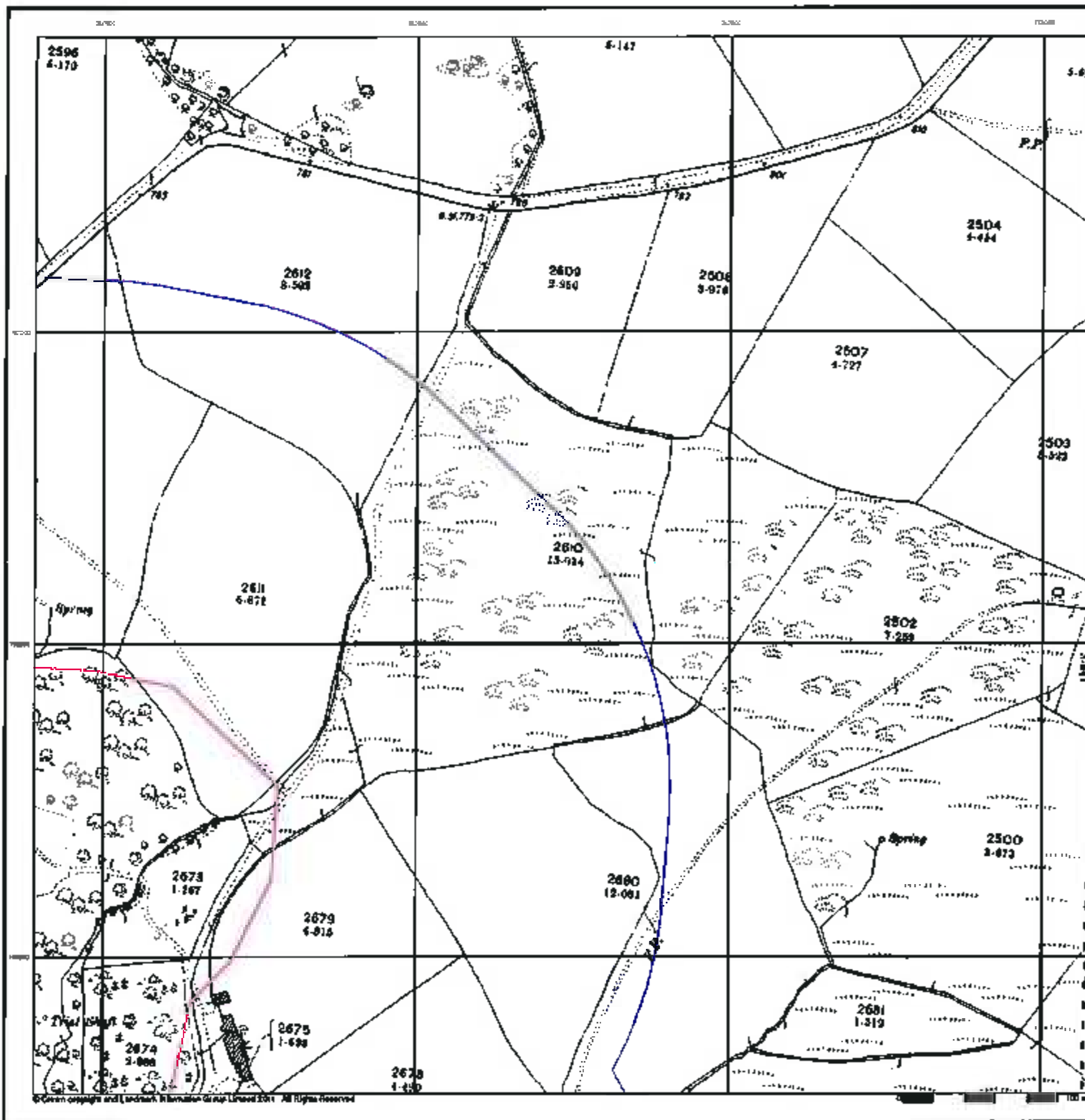
Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



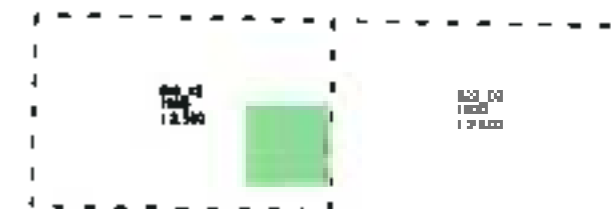


Glamorganshire
Published 1900

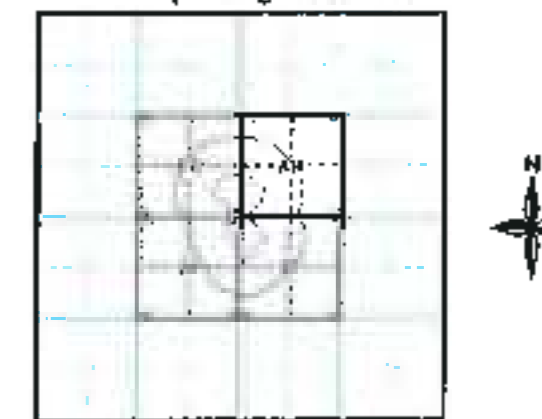
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1996 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 1910, 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

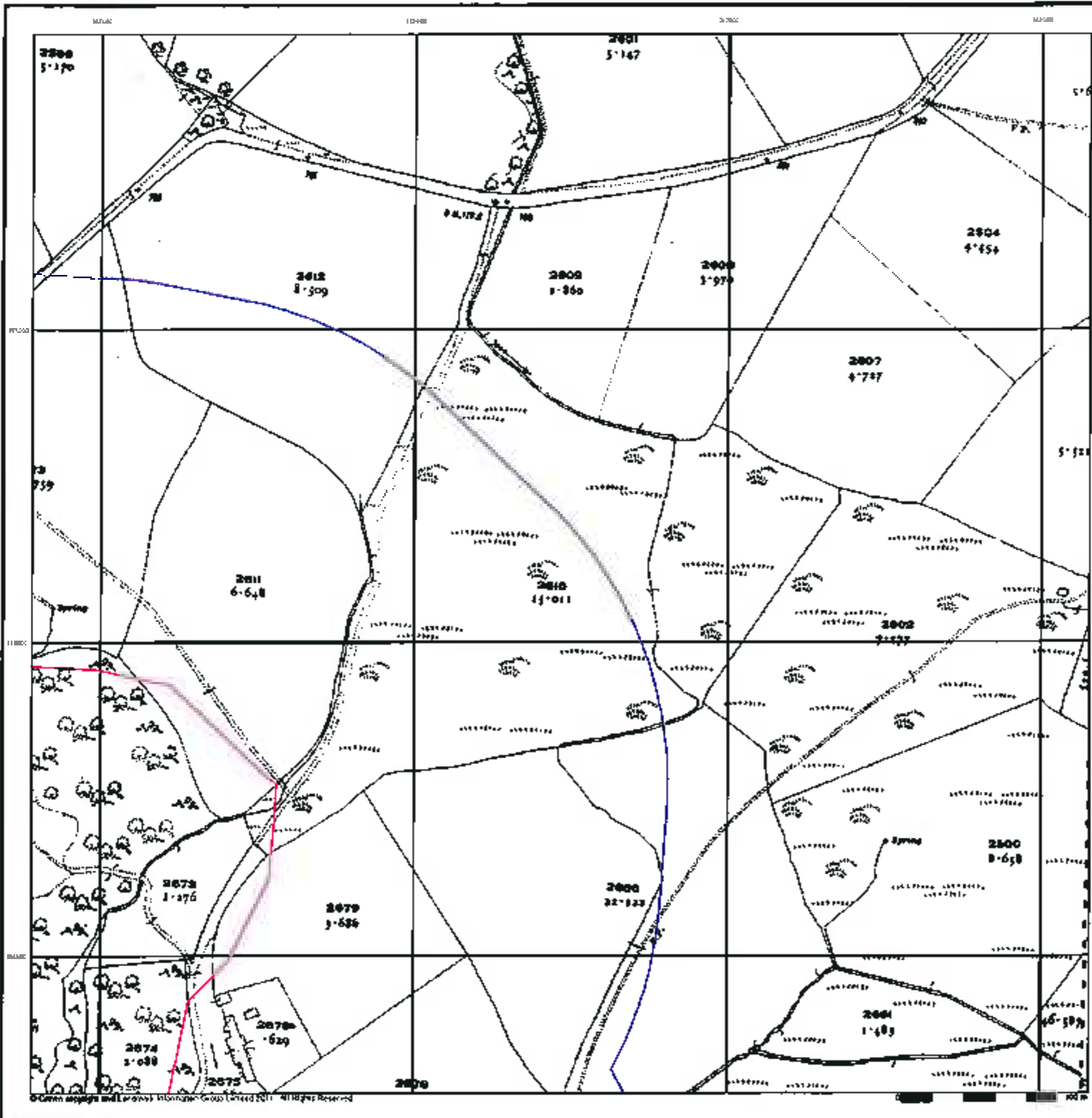
Order Number: 30063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Site: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gallgaerwellt Uchaf Farm, Gallgaer, Hengoed, CF82 8FY



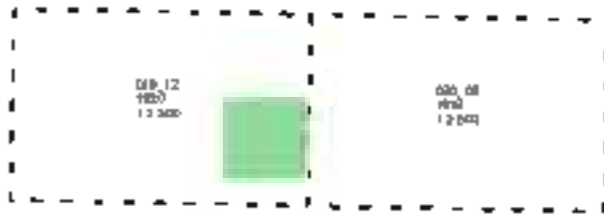
Tel: 0544 340 9952
 Fax: 0544 340 9951
 Web: www.landmark.co.uk



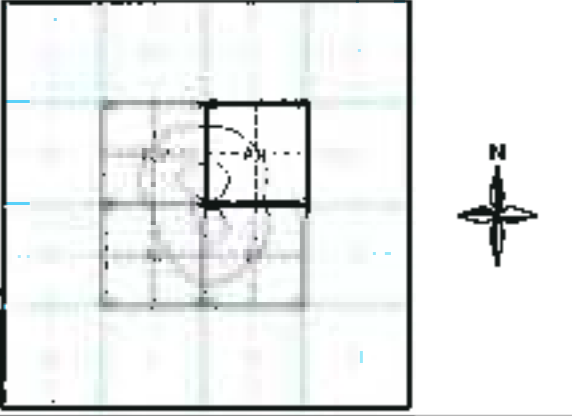
Glamorganshire
Published 1919 - 1920
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1894 the 1:2,500 scale was adopted for mapping urban areas and by 1895 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1898, 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 A/1



Order Details

Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

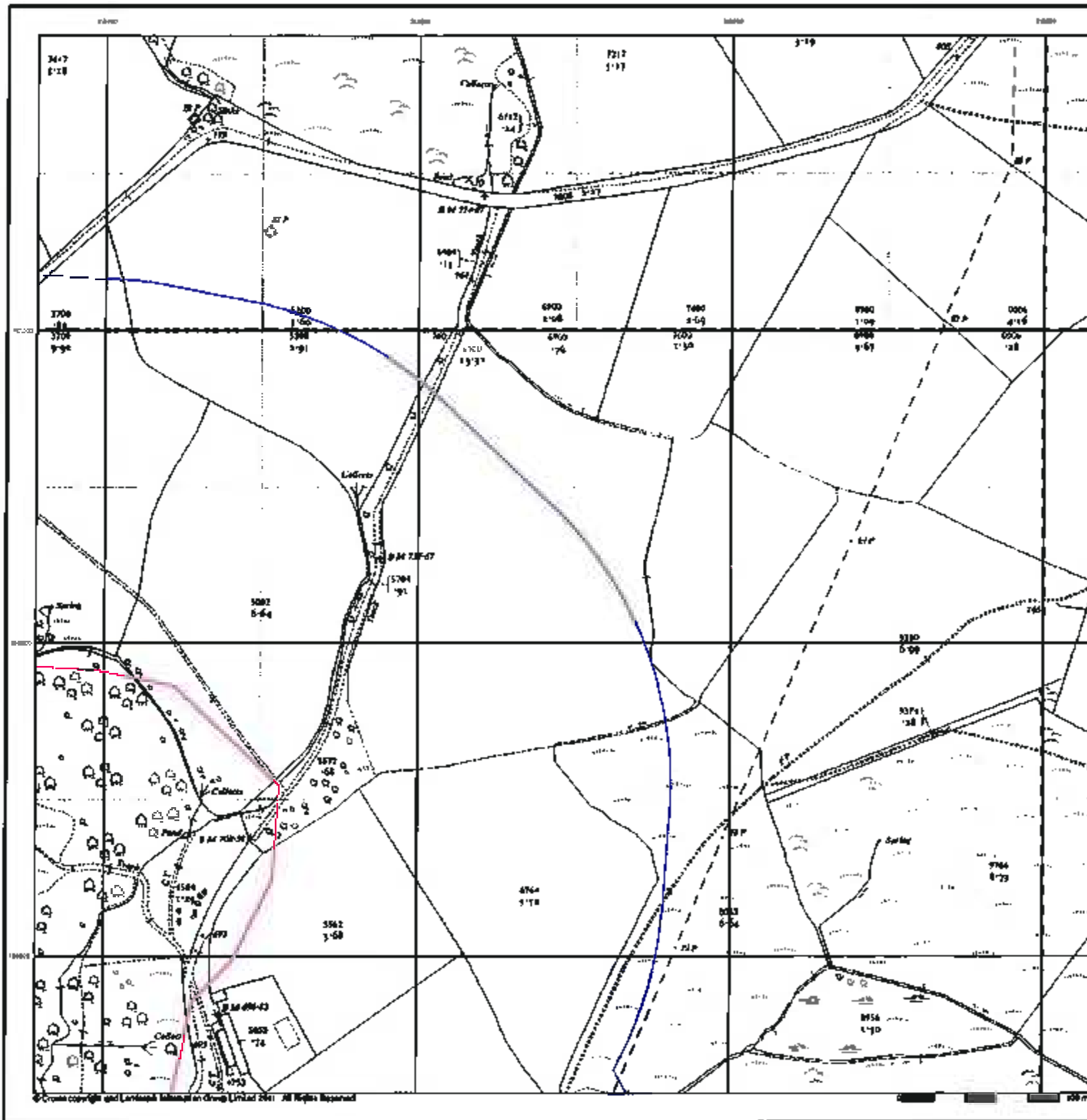
Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 6FY



1st Floor
 17th
 17th

01492 844 0207
 0942 544 7751
 www.envirocheck.co.uk



Ordnance Survey Plan

Published 1961

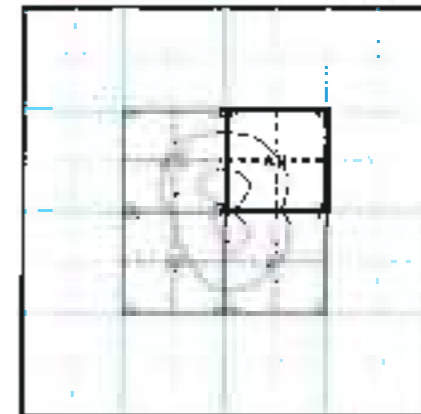
Source map scale - 1:2,500

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 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 1939, 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)

511207 1981 1:2,500	511207 1981 1:2,500
511207 1981 1:2,500	511207 1981 1:2,500

Historical Map - Segment A11



Order Details

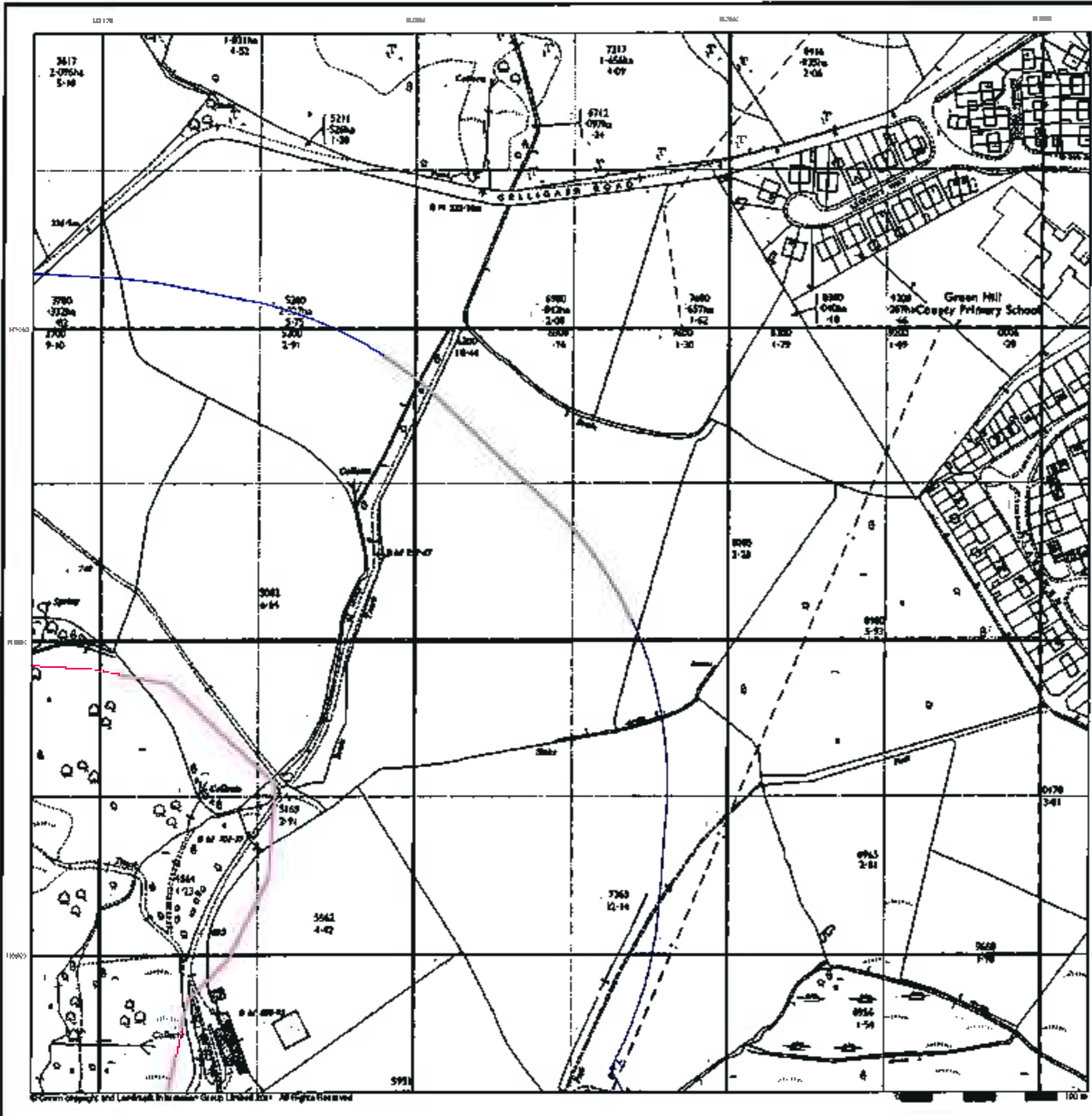
Order Number: 36063971_1_1
 Customer Ref: Bryn G
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Galligerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0844 844 9562
 Fax: 0844 844 9561
 Web: www.envirocheck.co.uk



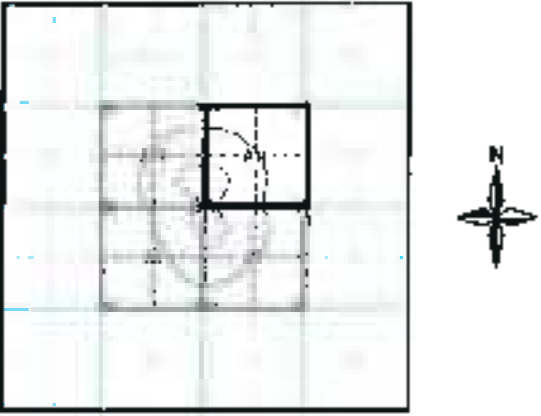
Ordnance Survey Plan
Published 1969 - 1972
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas and by 1999 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1930, 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)

ST1007	ST1307
1879	1877
1:2,500	1:2,500
ST1298	ST1299
1968	1968
1:2,500	1:2,500

Historical Map - Segment A11



Order Details

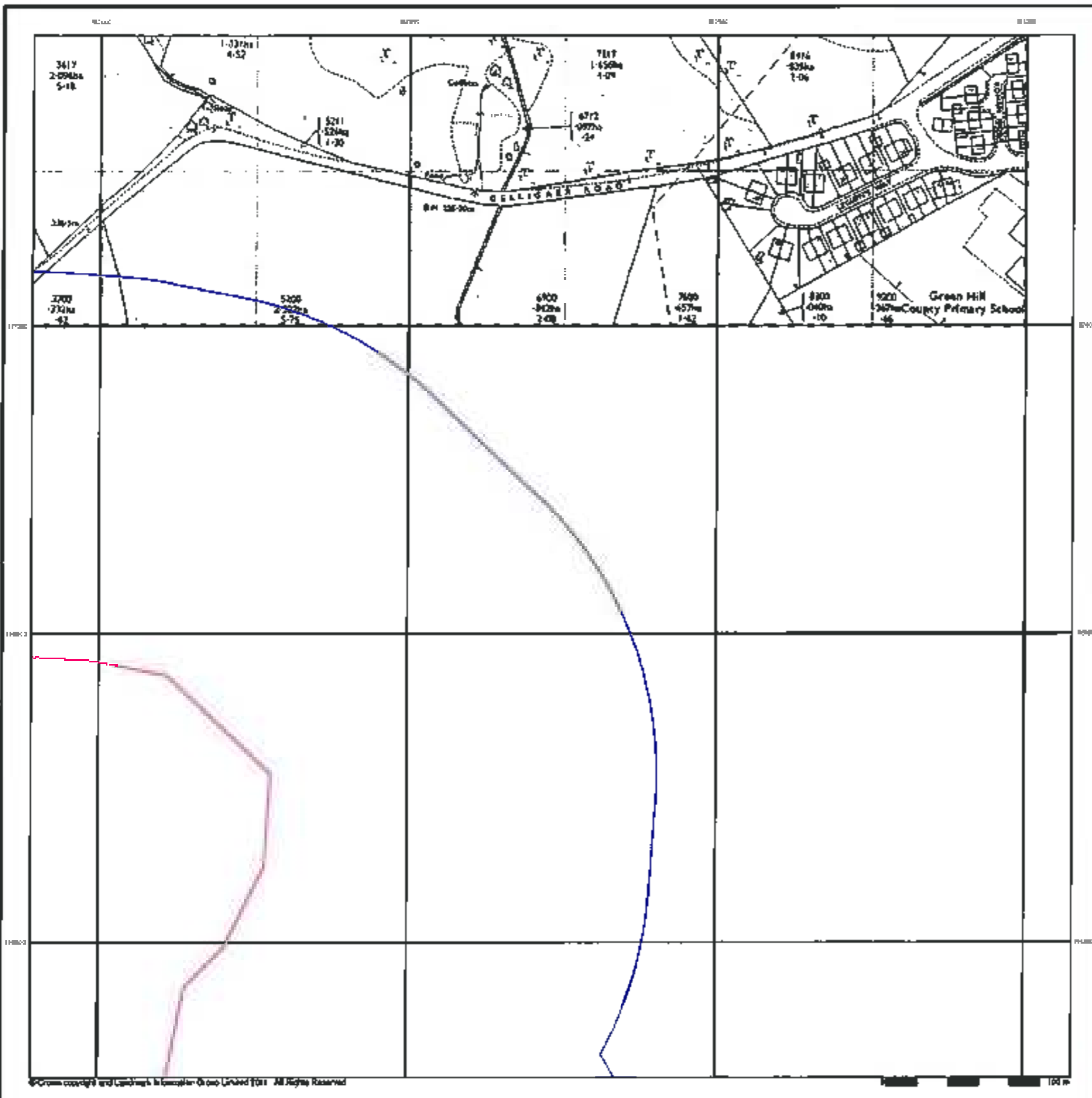
Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0844 844 0221
 Fax: 0844 844 0221
 Web: www.landmark.co.uk



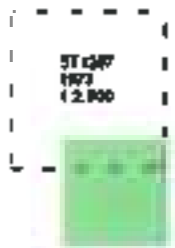
Supply of Unpublished Survey Information

Published 1973

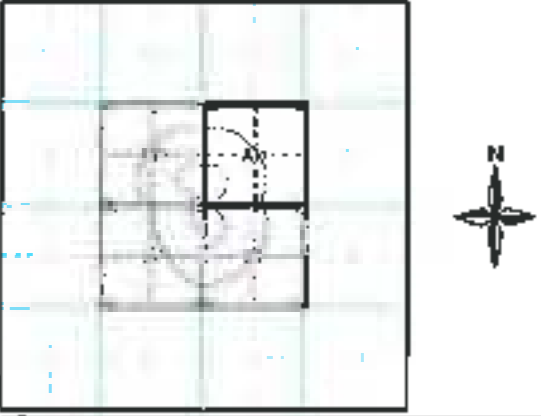
Source map scale - 1:2,500

SUGI 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

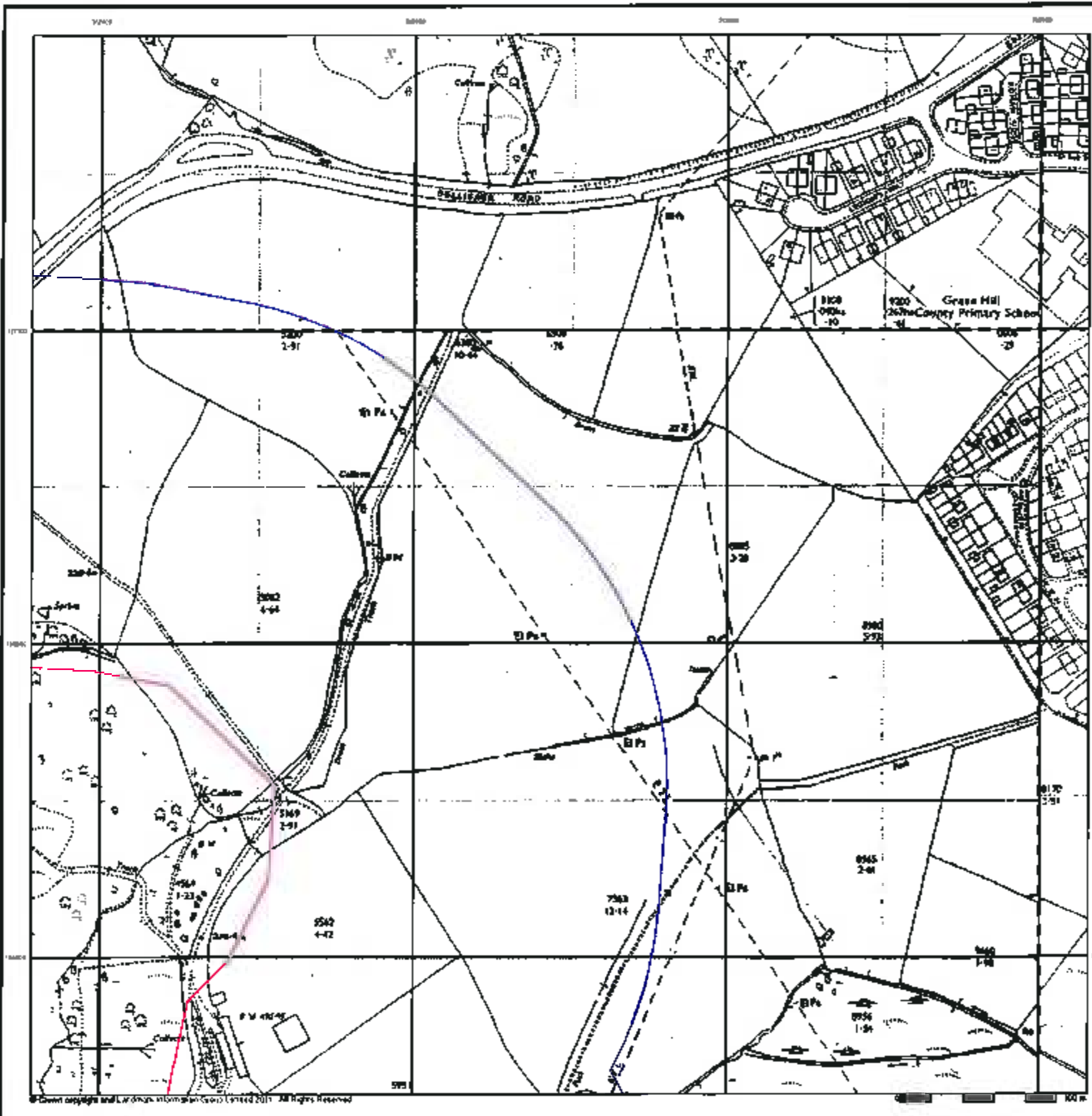
Order Number: 36063971_L1
 Customer Ref: Bryn G
 National Grid Reference: 312380, 186540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0844 866 0821
 Fax: 0844 866 0221
 Web: www.envirocheck.co.uk



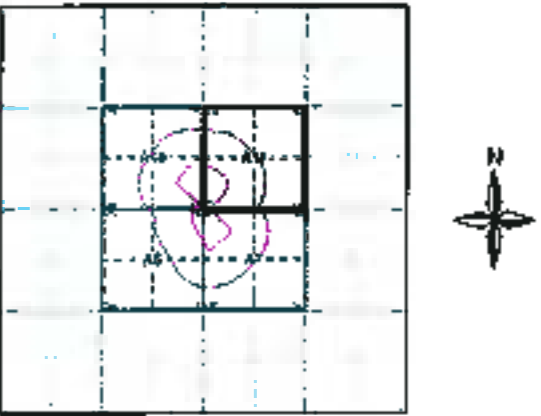
**Additional SIMs
Published 1977 - 1990
Source map scale - 1:2,500**

The SIMs are Ordnance Survey's 'Survey of Information on Microfilm' and latter, 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)

SI 1287 1982 1:2,500	SI 1287 1977 1:2,500
SI 1293 1972 1:2,500	SI 1293 1972 1:2,500

Historical Map - Segment A11



Order Details

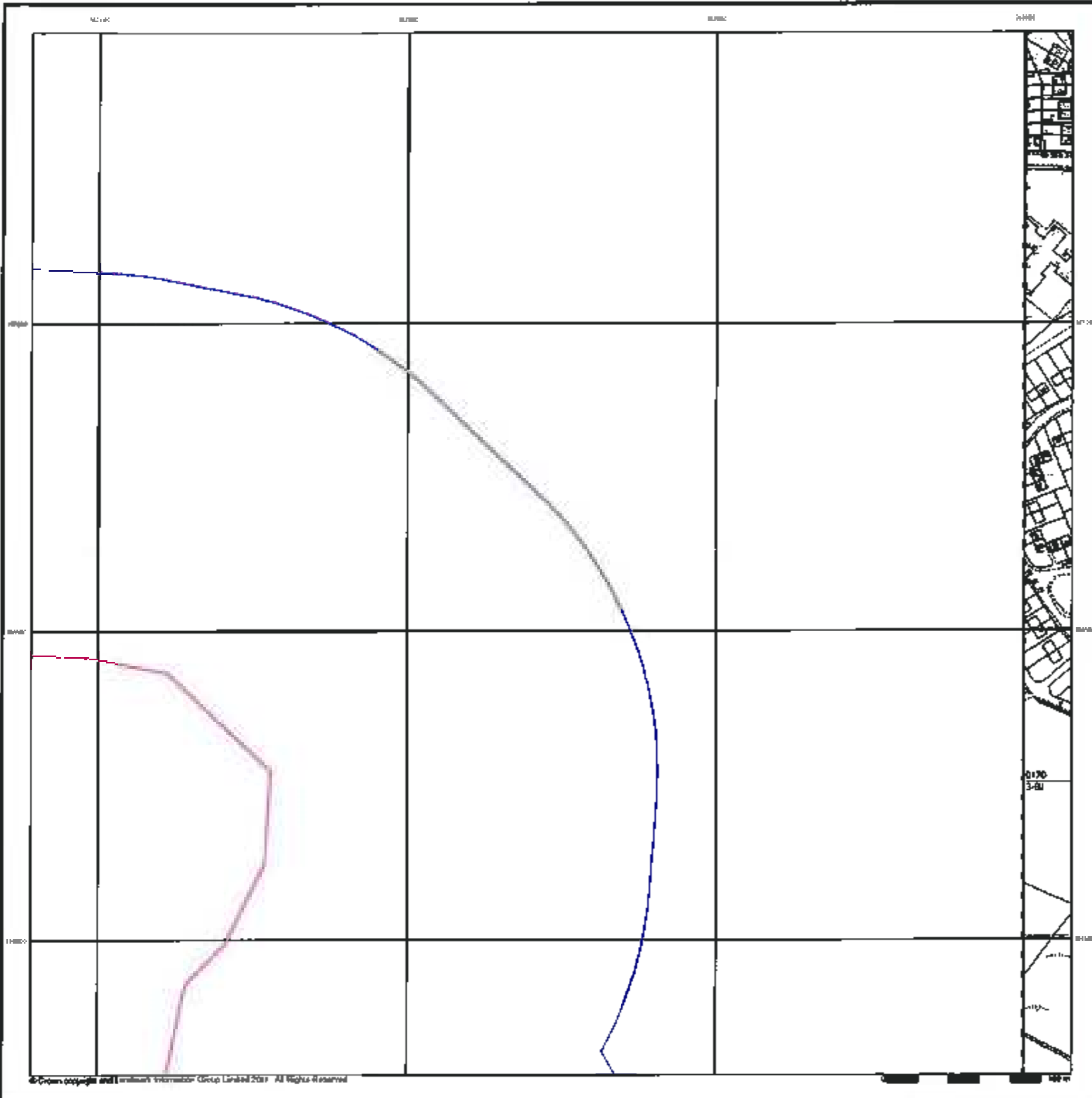
Order Number: 96083971_1_1
Customer Ref: Bryn Q
National Grid Reference: 312360, 186540
Slice: A
Site Area (Ha): 10.87
Search Buffer (m): 250

Site Details

Gelligorwell Uchaf Farm, Gelligor, Hengoed, CF82 8FY



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Fax: 0544 944 9951
Web: www.envirocheck.co.uk



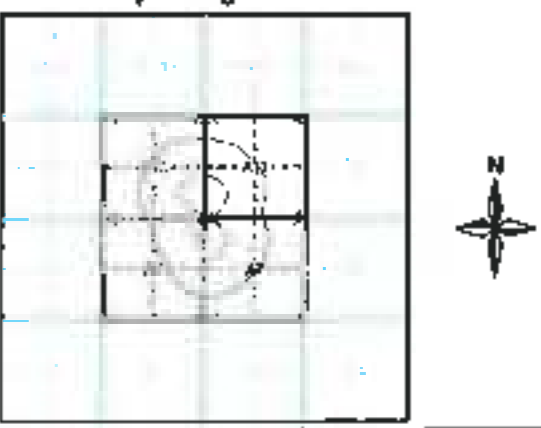
**Additional SIMs
Published 1982 - 1985
Source map scale - 1:2,500**

The SIM cards (Ordnance Survey's Survey of Information on Mires) are fewer, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1984, 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)

31197	1982	1:2,500
31198	1985	1:2,500

Historical Map - Segment A11



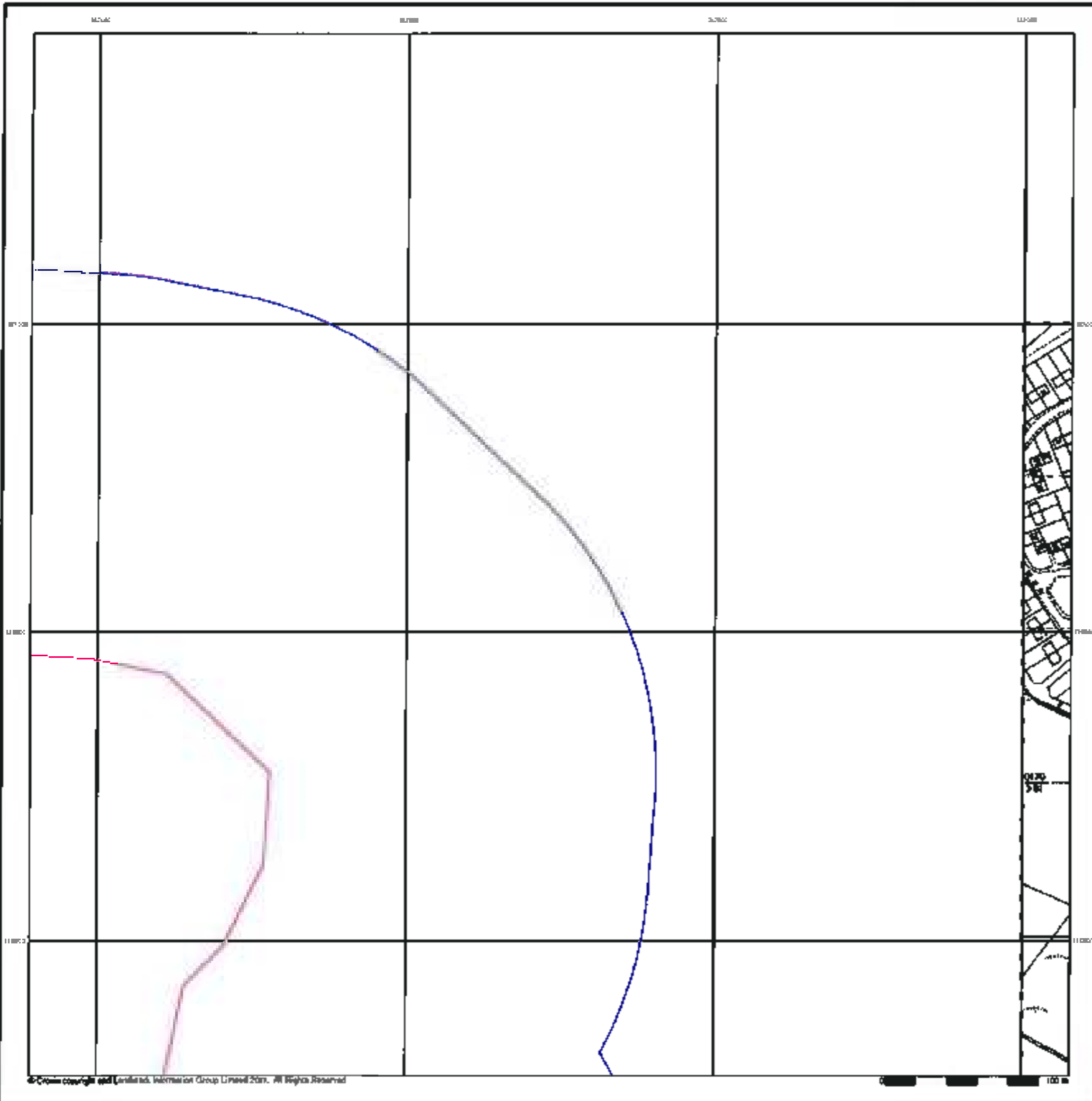
Order Details

Order Number: 38083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 106540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 250

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 6FY





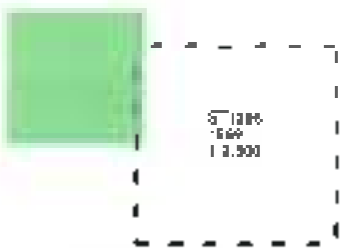
Additional SIMs

Published 1989

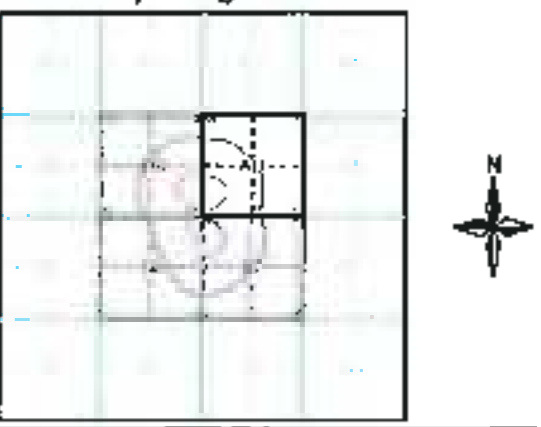
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's "Survey of Information on Microfilm") are digital, colour editions of mapping which were produced and published in between the main editions of mapping which were 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 A11



Order Details

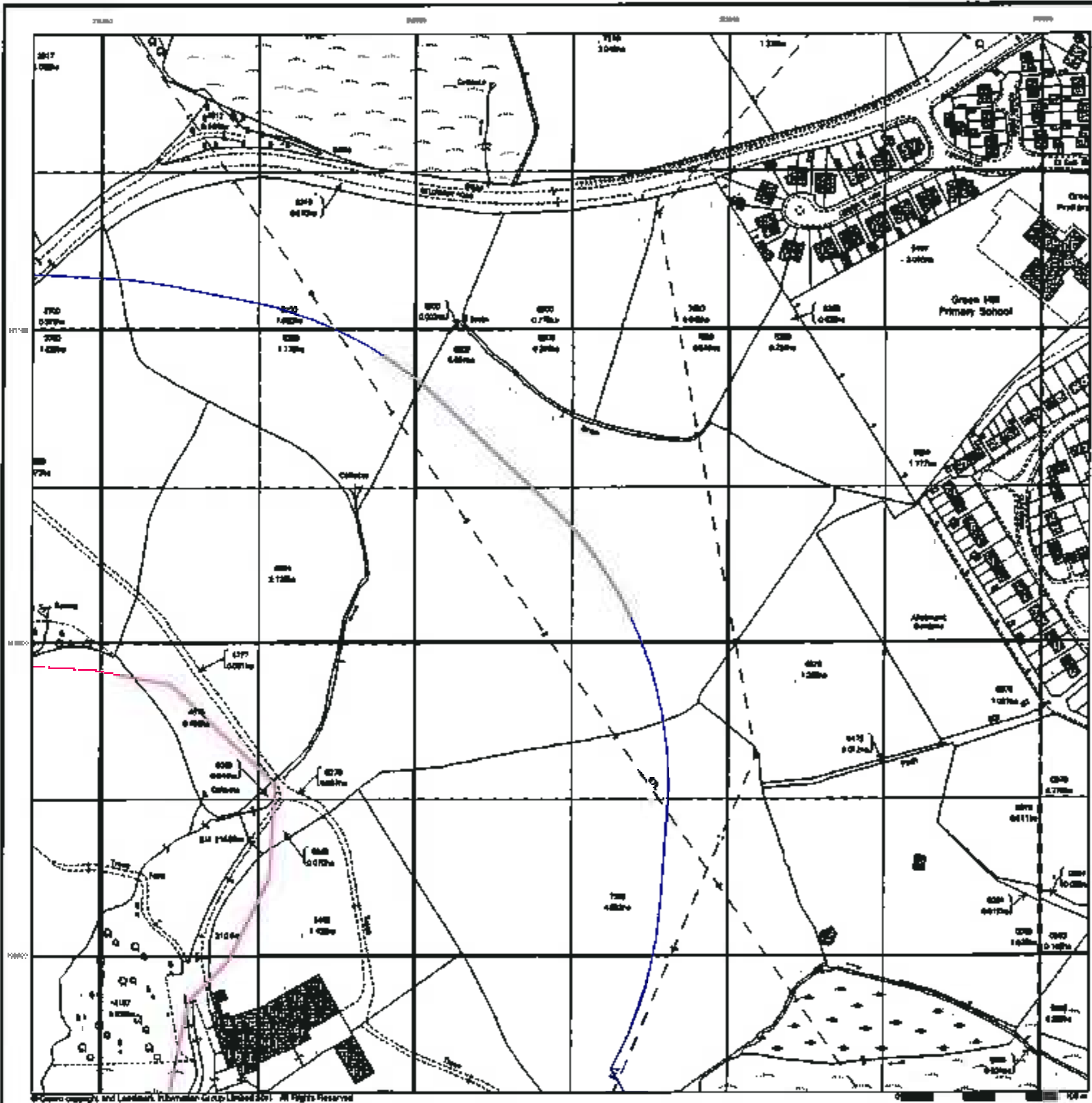
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 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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**Ordnance Survey Plan
Published 1991**

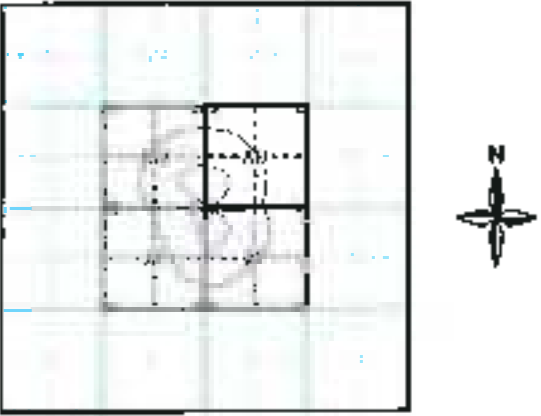
Source map scale - 1:2,500

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 1890 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1898, 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)

ST 020	ST 020
1991	1991
1:2,500	1:2,500
ST 020	ST 020
1991	1991
1:2,500	1:2,500

Historical Map - Segment A11



Order Details

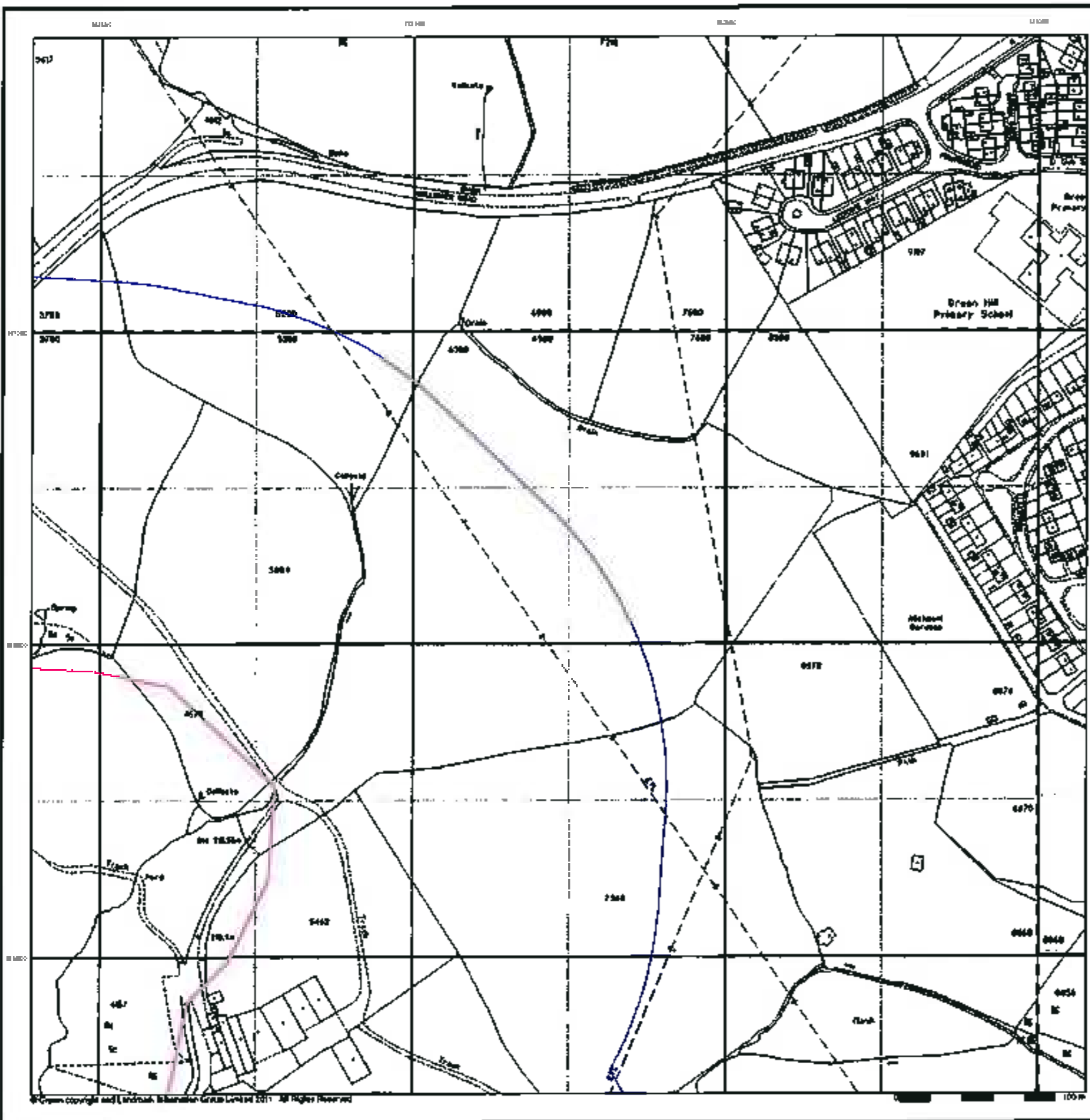
Order Number: 38083971_1_1
 Customer Ref: Bryn O
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 250

Site Details

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 Fax: 0844 644 9921
 Web: www.envirocheck.co.uk



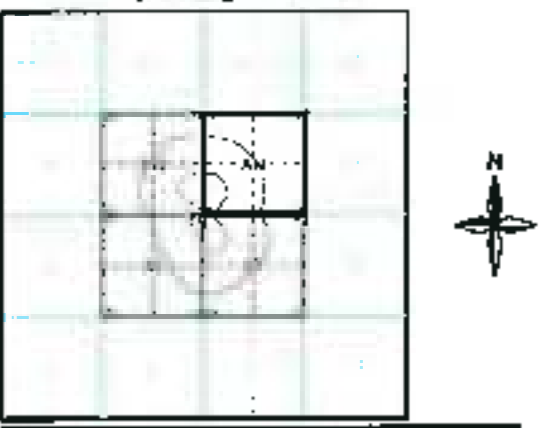
**Large-Scale National Grid Data
Published 1993
Source map scale - 1:2,500**

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 forerunners 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)

ST1297 1993 1:2,500	ST1297 1993 1:2,500
ST1296 1993 1:2,500	ST1296 1993 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): 10.97
 Search Buffer (m): 250

Site Details

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Geology 1:10,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TRLD	TIL, Devonian	Diamicton	Devonian - Devonian
	GFDUD	Glaciolental Deposits, Devonian	Sand and Gravel	Devonian - Devonian
	PEAT	Peat	Peat	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	GDB	Grovesend Formation	Sandstone	Westphalian D - Westphalian D
	GDB	Grovesend Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Westphalian D
	H	Hughes Member	Mudstone, Siltstone and Sandstone	Westphalian D - Westphalian D
	H	Hughes Member	Sandstone	Westphalian D - Westphalian D
	Fault			
	Rock			



Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

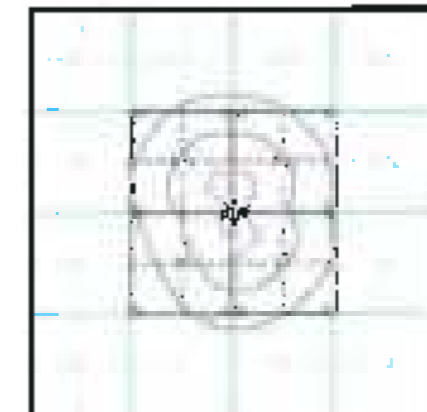
The various geological layers - artificial and landuse deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1
Map Name:	ST1997
Map Date:	1972
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Available
Landuse:	Not Available
Rock Segments:	Available

Geology 1:10,000 Maps - Slice A



Order Details

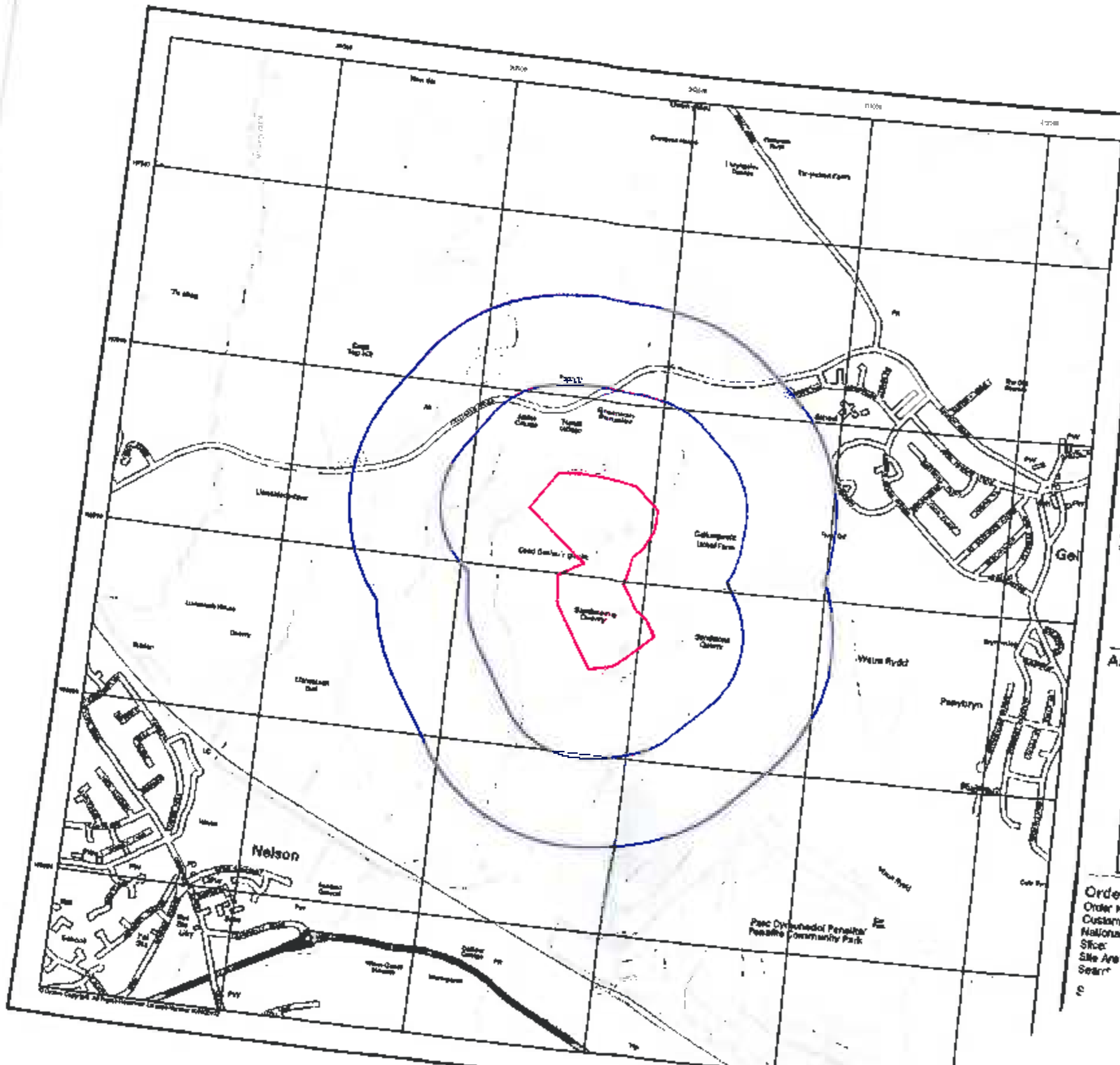
Order Number:	36083971_1_1
Customer Ref:	Bryn O
National Grid Reference:	312380, 198540
Site:	A
Site Area (Ha):	10.87
Search Buffer (m):	500

Site Details

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Artificial Ground

Artificial ground is ground that has been created or modified by man. It is made of materials that are not naturally found in the ground.

- Made from natural or artificial materials
- Worked ground
- Infill ground
- Landscaped ground
- Disturbed ground

Mass movement of soil and gravel to form a deposit and a surface, where the ground is not naturally found.

Artificial Ground



Order Detr
 Order Numbr
 Customer P
 National C
 Slice
 Site Area
 Seatt
 e

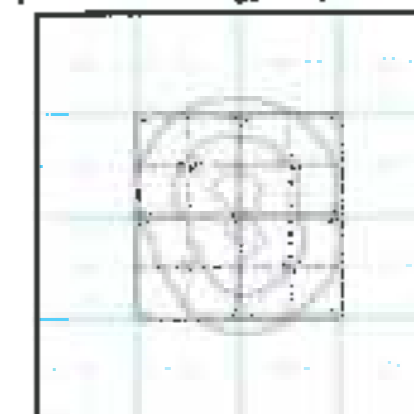
Superficial Geology

BOS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.6 million years from the present.

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

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

Superficial Geology Map - Slice A

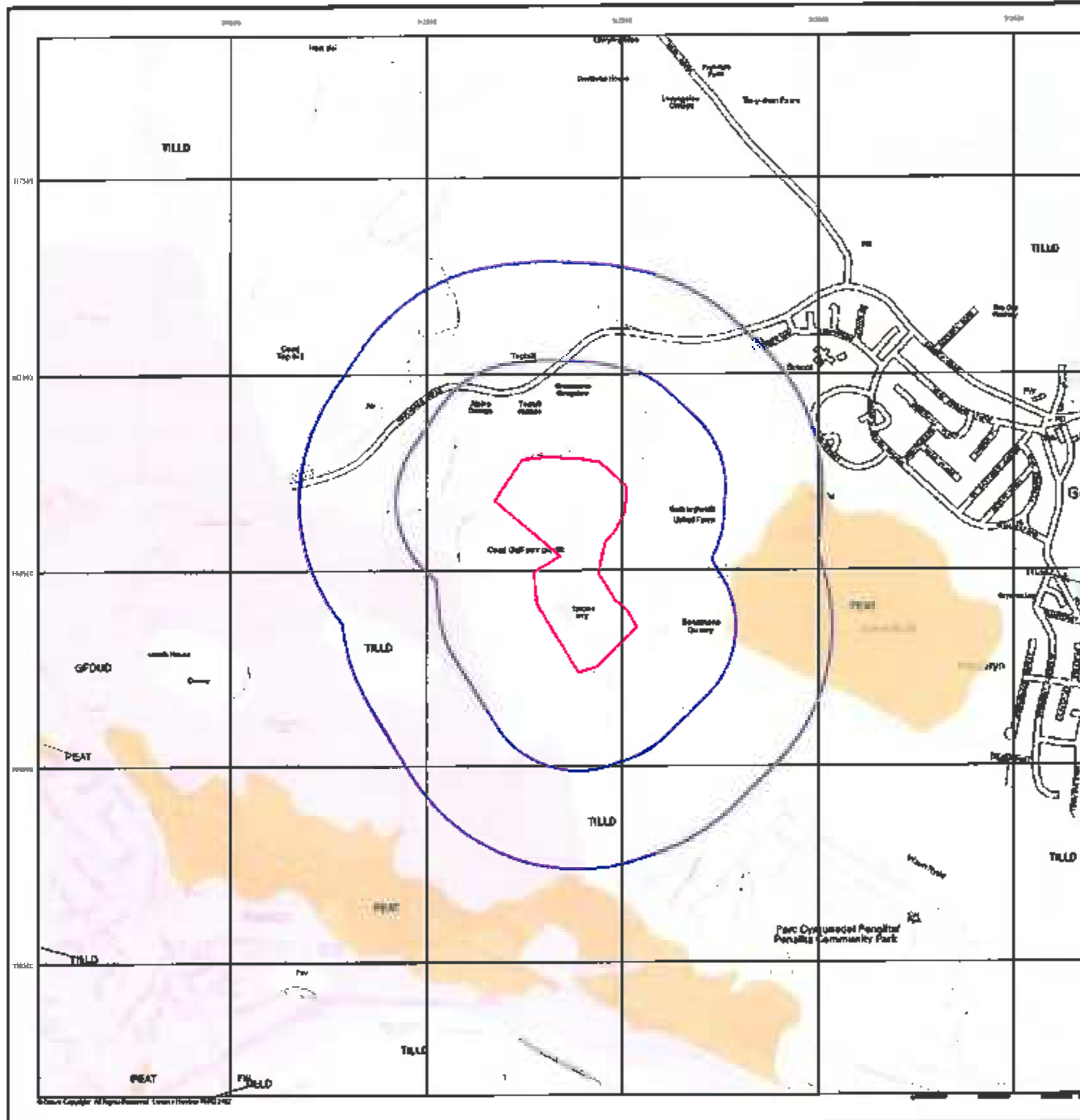


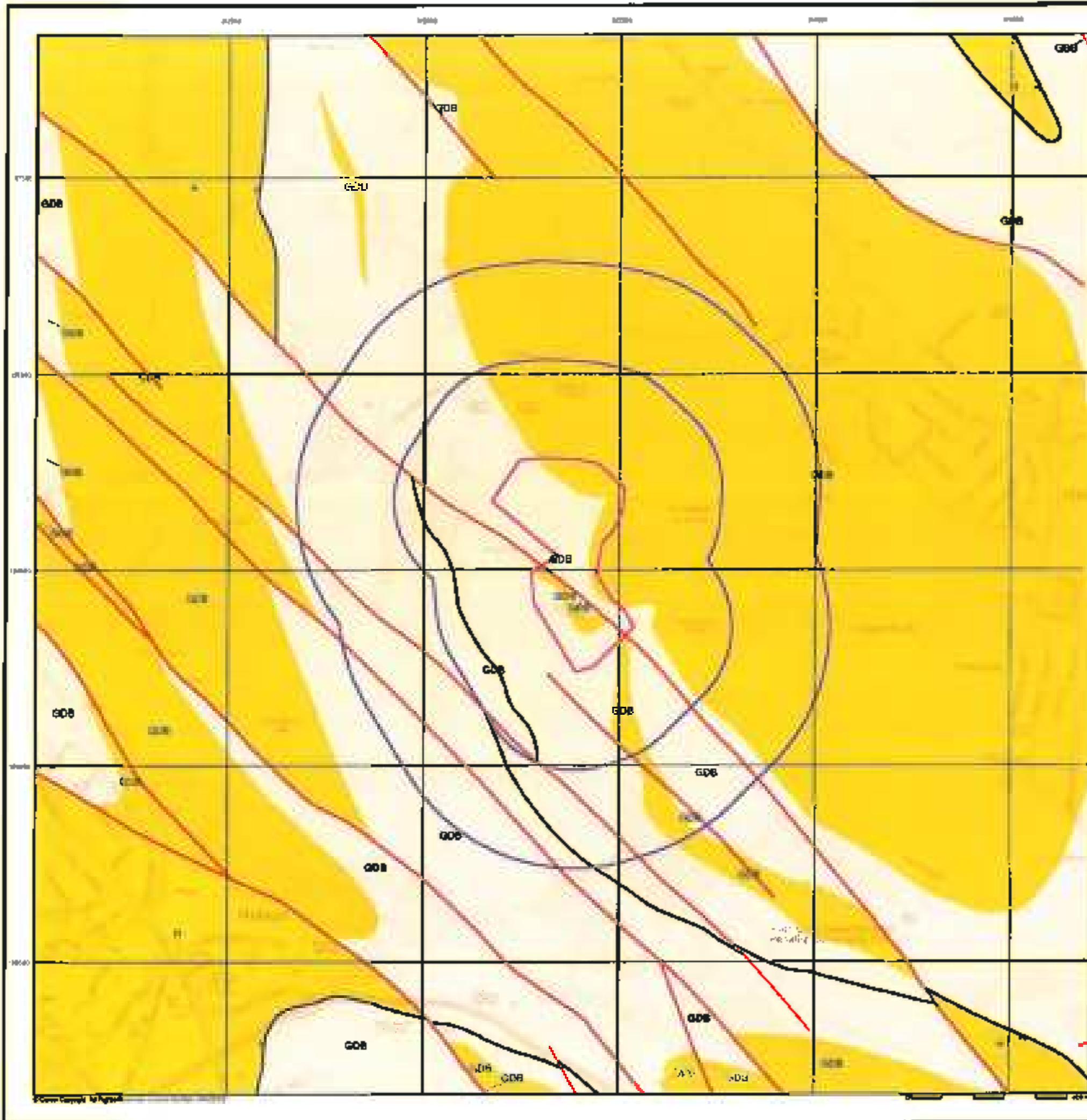
Order Details

Order Number: 38063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

Gelligerwell Uchaf Farm, Gelliger, Hengoed, CF82 8FY





Bedrock and Faults

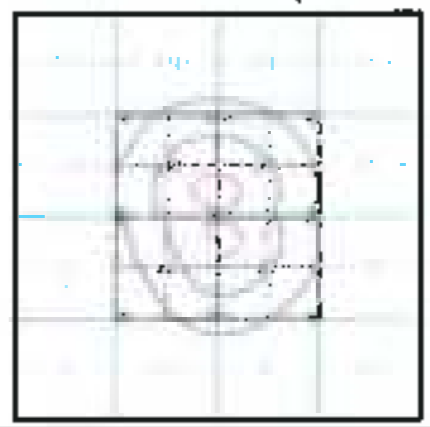
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A

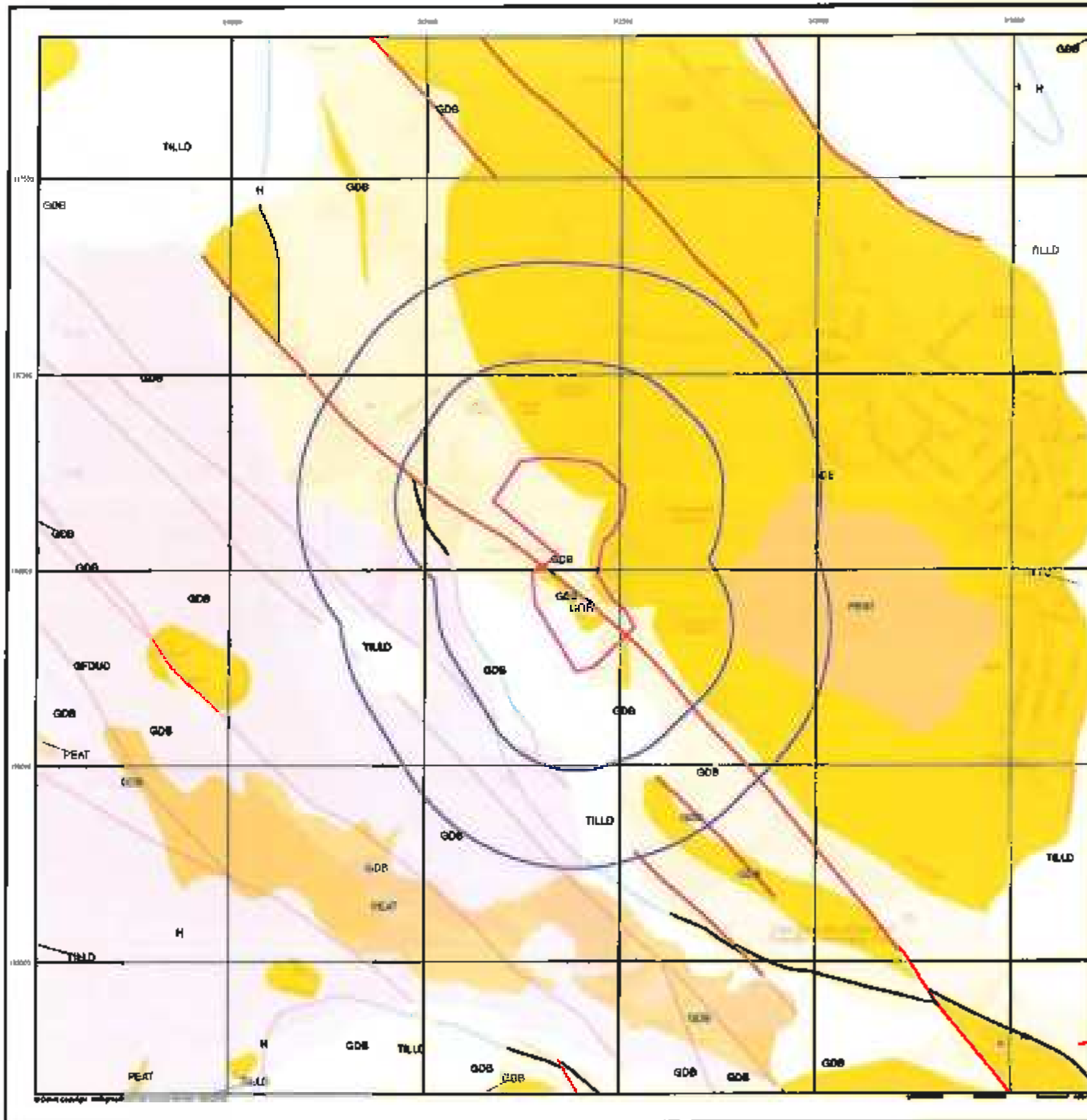


Order Details

Order Number:	35083971_1_1
Customer Ref:	Bryn Q
National Grid Reference:	312380, 186540
Slice:	A
Site Area (Ha):	10.87
Search Buffer (m):	500

Site Details

Geligaerwell Ucha Farm, Geligaer, Hengoed, CF82 8FY



Combined Surface Geology

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

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

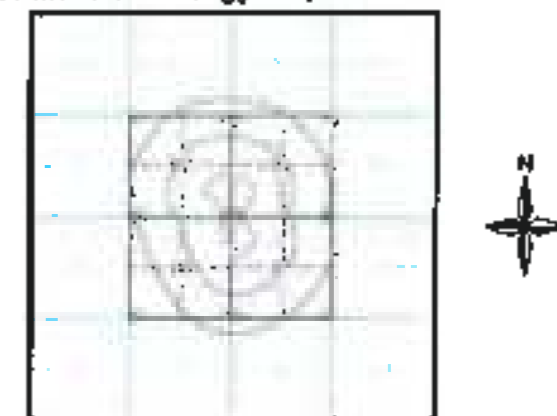
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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

Combined Geology Map - Slice A



Order Details

Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312360, 196540
 Slice: A
 Site Area (Ha): 10.07
 Search Buffer (m): 500

Site Details

Gelligaerwâlî Llafar Farm, Gelligaer, Hengoed, CF82 8FY

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Oscars		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Pit		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Beach Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		

-285 Surface Level

	Sketched Contour		Instrumental Contour
	Main Roads		Minor Roads
	Bunken Road		Raised Road
	Road over Railway		Railway over River
	Railway over Road		Level Crossing
	Road over River or Canal		Road over Stream
	Road over Stream		
	County Boundary (Geographical)		
	County & Civil Parish Boundary		
	Administrative County & Civil Parish Boundary		
	County Borough Boundary (England)		
	County Burgh Boundary (Scotland)		
	Rural District Boundary		
	Civil Parish Boundary		

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Roads
	Building		Settings
	Glasshouse		

	Sloping Masonry		Pylon		Electricity Transmission Line
	Pole				
	Cutting		Embankment		Standard Gauge Multiple Track
	Road Under		Road Over		Standard Gauge Single Track
	Level Crossing		Foot Bridge		Siding, Thruway or Mineral Line
	Narrow Gauge				
	Geographical County				
	Administrative County, County Borough or County of City				
	Municipal Borough, Urban or Rural District, Burgh or District Council				
	Borough, Burgh or County Constituency				
	Civil Parish				

BP, BB	Boundary Post or Stone	PO	Post Office
Ch	Church	PC	Public Convenience
CH	Club House	PH	Public House
FE Stn	Fire Engine Station	SB	Signal Box
FB	Foot Bridge	Sp	Spring
Fs	Fountain	TCS	Telephone Call Box
GP	Guide Post	TCP	Telephone Call Post
MP	Mill Post	W	Well
MS	Mill Stone		

1:10,000 Raster Mapping

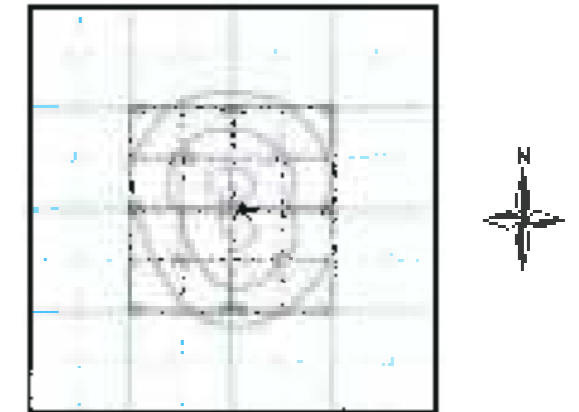
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	2
Northamptonshire	1:10,560	1886	3
Glamorganshire	1:10,560	1901	4
Glamorganshire	1:10,560	1921 - 1922	5
Glamorganshire	1:10,560	1938	6
Historical Aerial Photography	1:10,000	1945	7
Glamorganshire	1:10,000	1953	8
Ordnance Survey Plan	1:10,000	1959	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1974	11
Ordnance Survey Plan	1:10,000	1985	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2005	14
10K Raster Mapping	1:10,000	2011	15

Historical Map - Slice A



Order Details

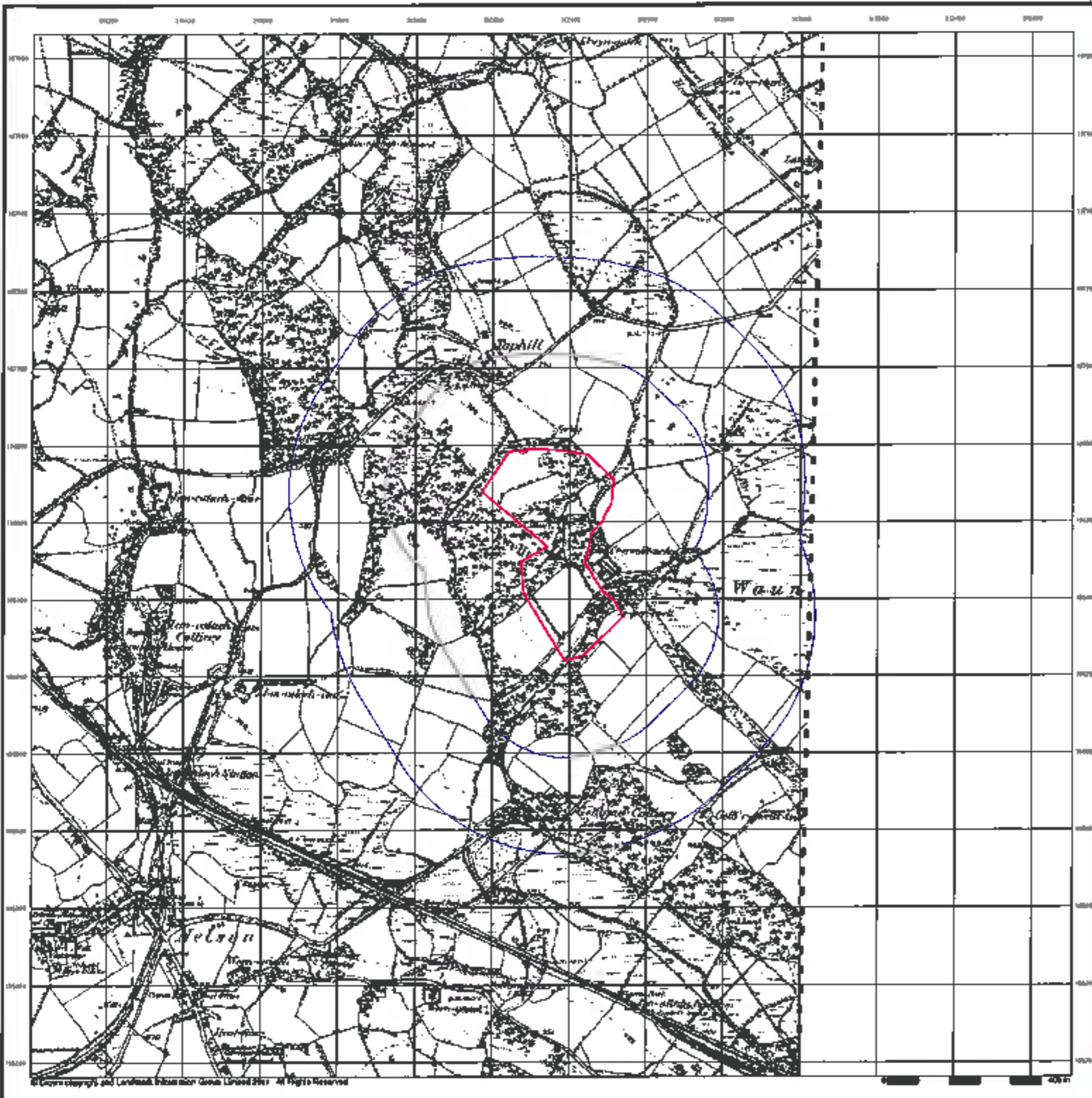
Order Number: 36083971_1_1
 Customer Ref: Bryn G
 National Grid Reference: 312380, 196540
 Site: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

Galligarrwell Uchaf Farm, Galligarr, Hengoed, CF82 8FY



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Glamorganshire

Published 1884

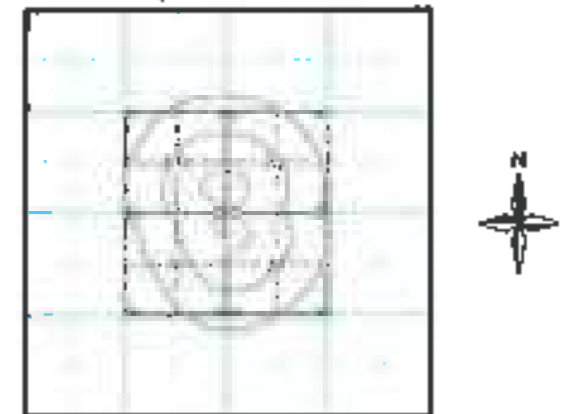
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published data given therefore is often some years later than the surveyed date. Before 1858, 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 adjoining areas. In the late 1840's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

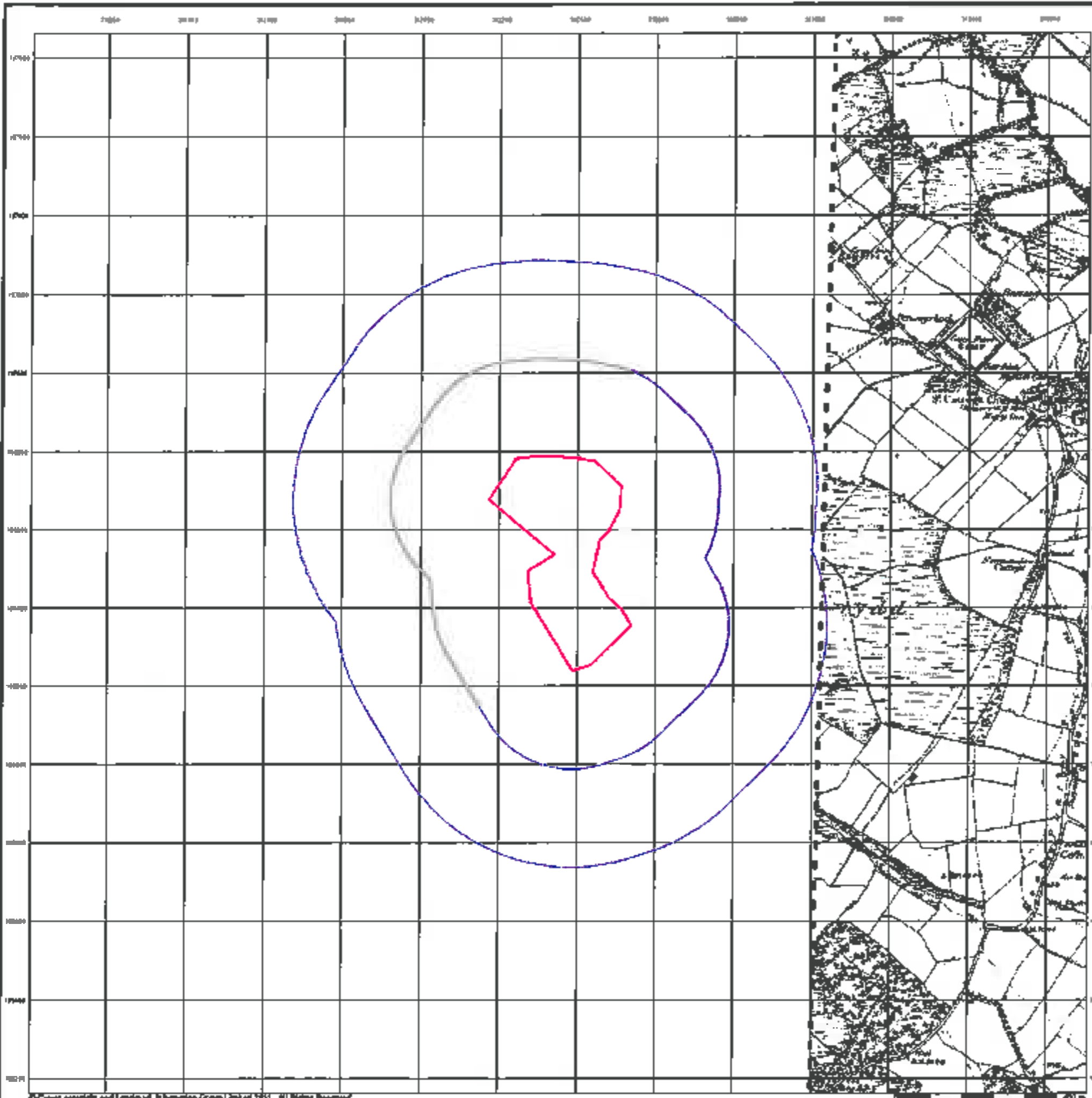
Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

Gelligearwallt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



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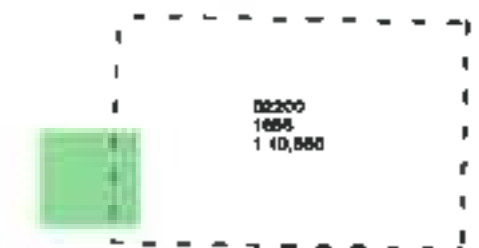


Monmouthshire
Published 1886

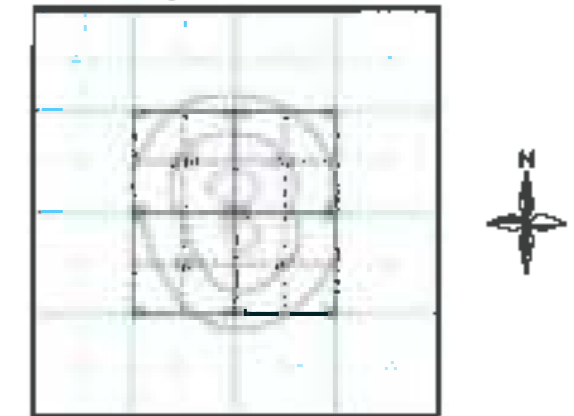
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's, in 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published data given therefore is often some years later than the surveyed data. Before 1830, 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 varying areas. In the late 1840's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1978, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.97
 Search Buffer (m): 500

Site Details

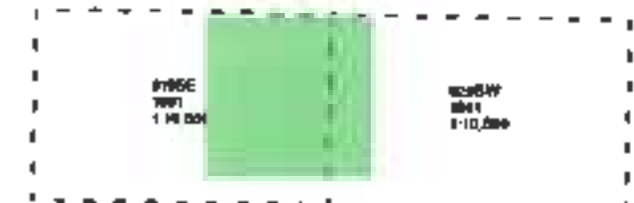
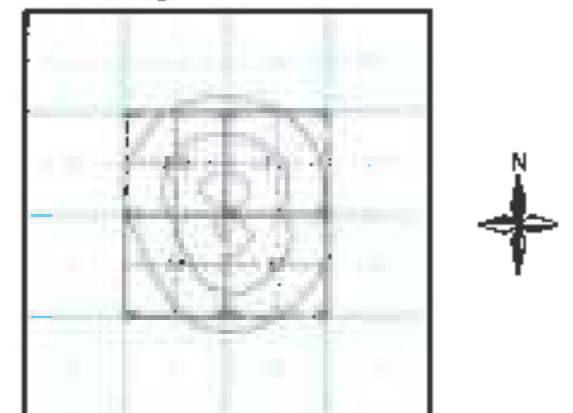
Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0944 841 9552
 Fax: 0944 841 9551
 Web: www.envirocheck.co.uk

Glamorganshire
Published 1901
Source map scale - 1:10,660

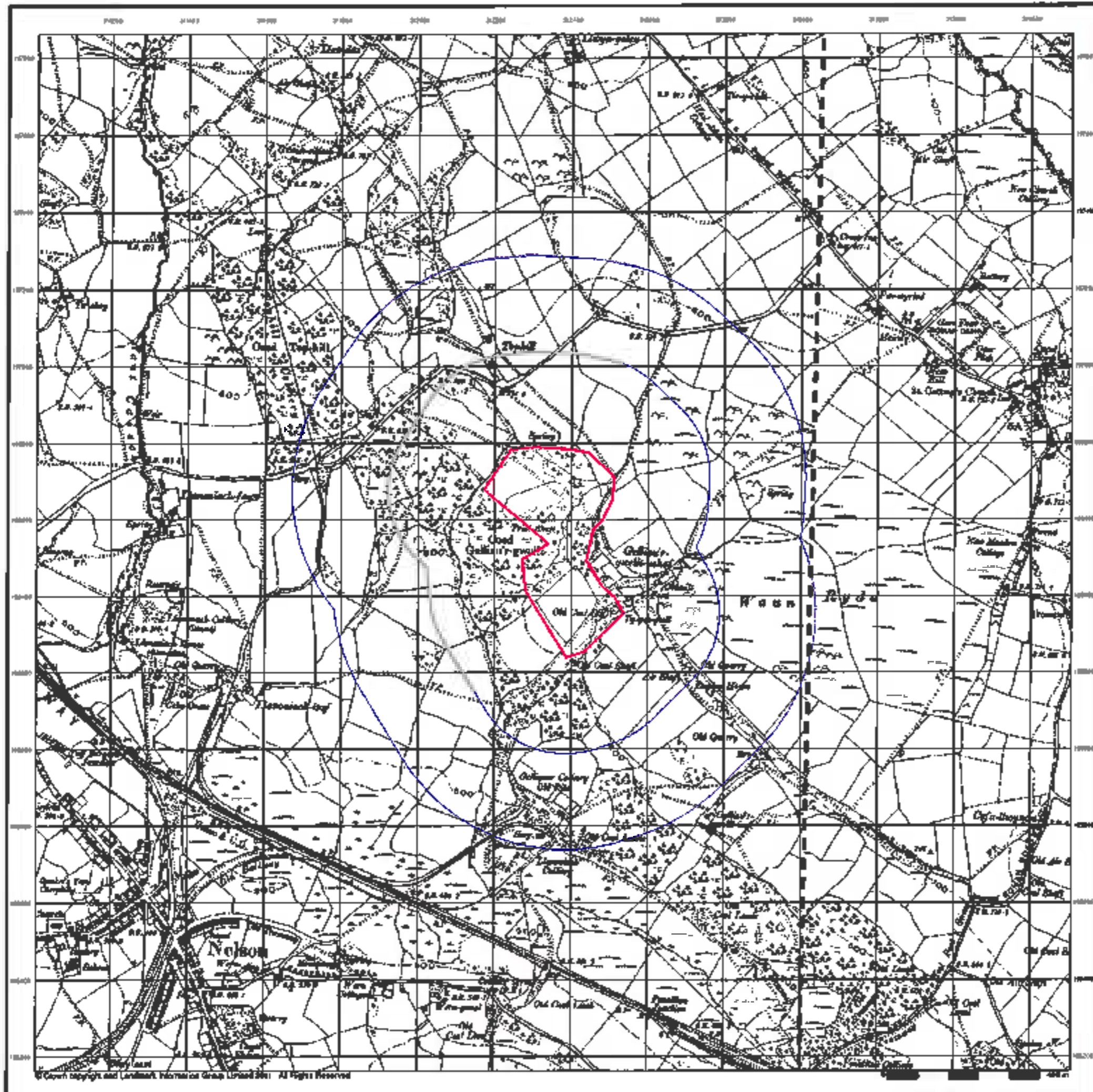
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's, in 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,660 maps. The published date given therefore is often some years later than the survey date. Before 1950, all OS maps were based on the Cassini Projection with independent surveys of a single county or group of counties giving rise to significant inaccuracies in outlying areas. In the late 1980's, a Provisional Edition was produced, which updated the 1:10,660 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1976, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
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 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

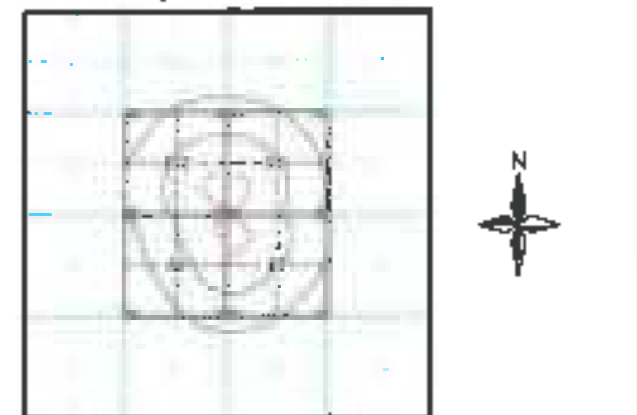
Gelligerwedd Uchar Farm, Gelligaer, Hengoed, CF82 6FY



Glamorganshire
Published 1921 - 1922
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's, in 1854 the 1:2,500 scale was adopted for mapping urban areas, these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1939, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

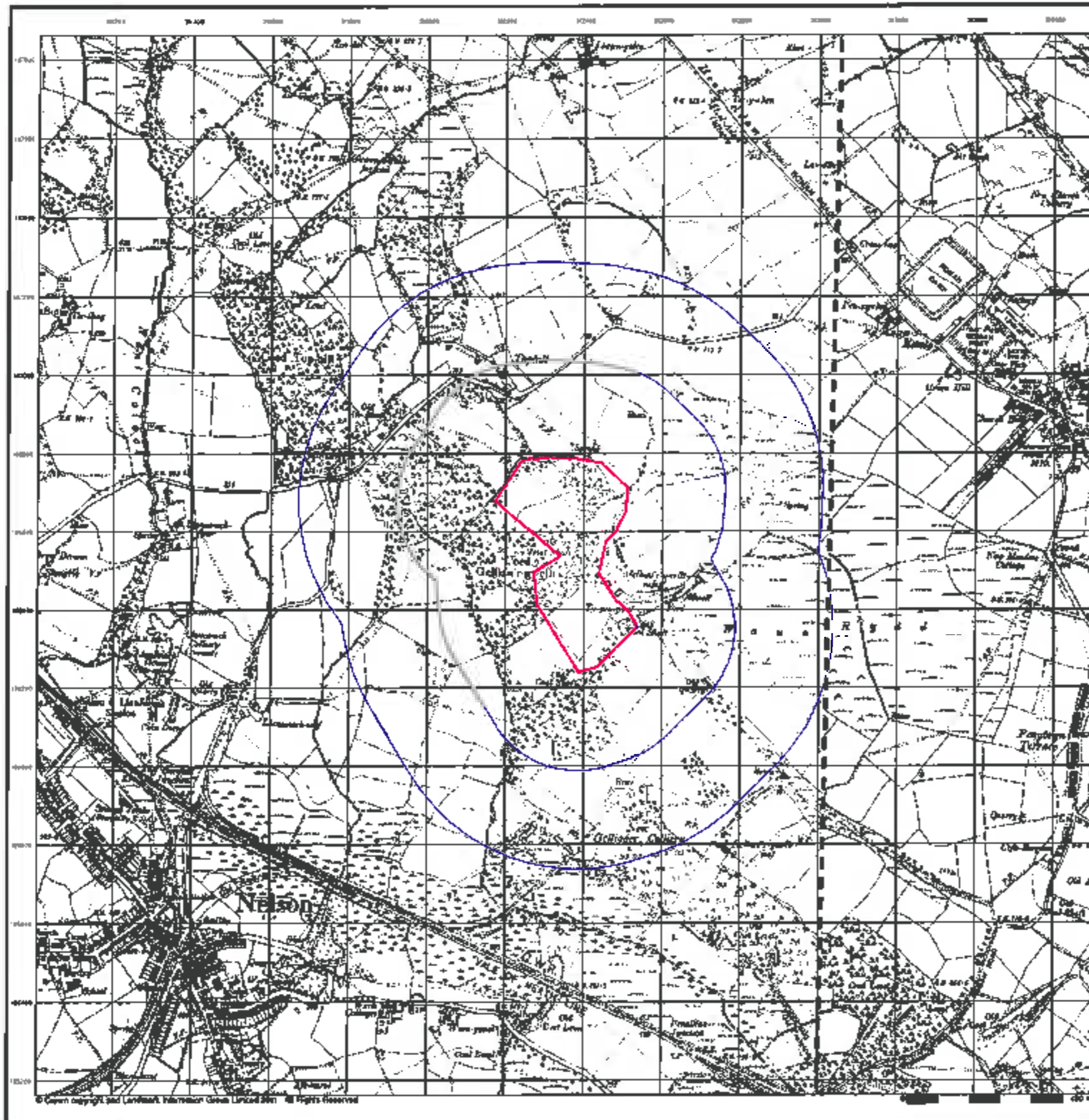
Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number: 38083971_1_1
 Customer Ref: Bym O
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.97
 Search Buffer (m): 500

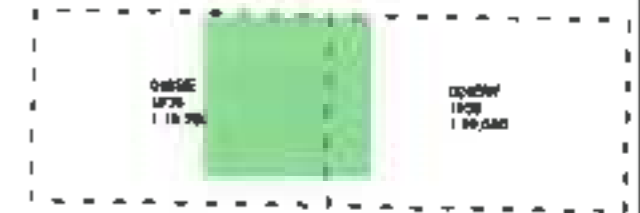
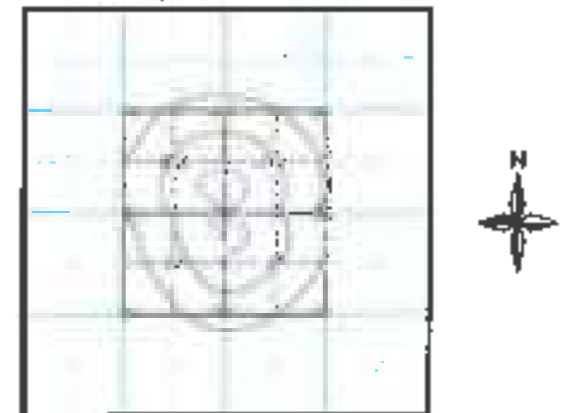
Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Glamorganshire
Published 1938
Source map scale - 1:10,560

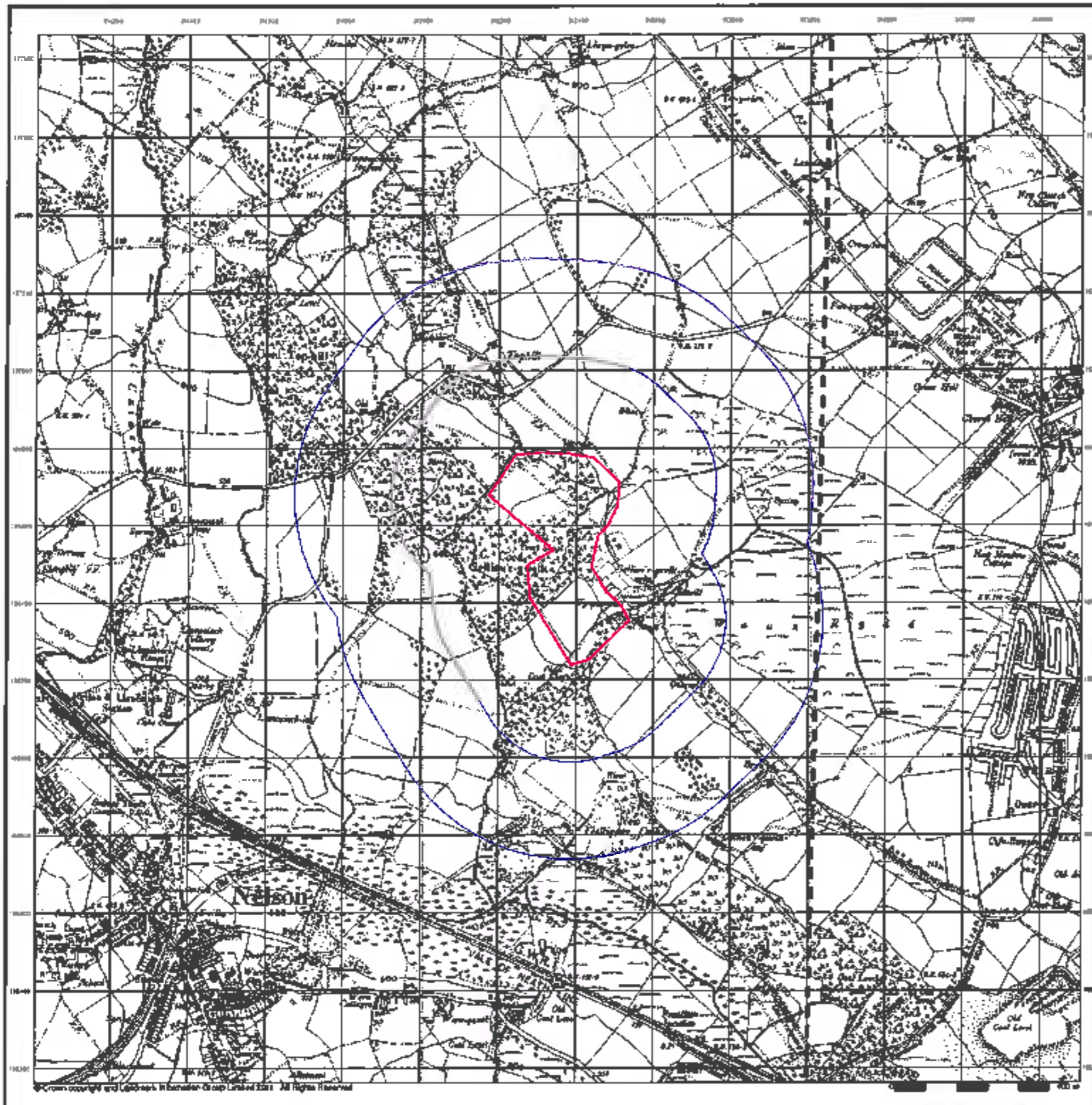
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1958, 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 adjoining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

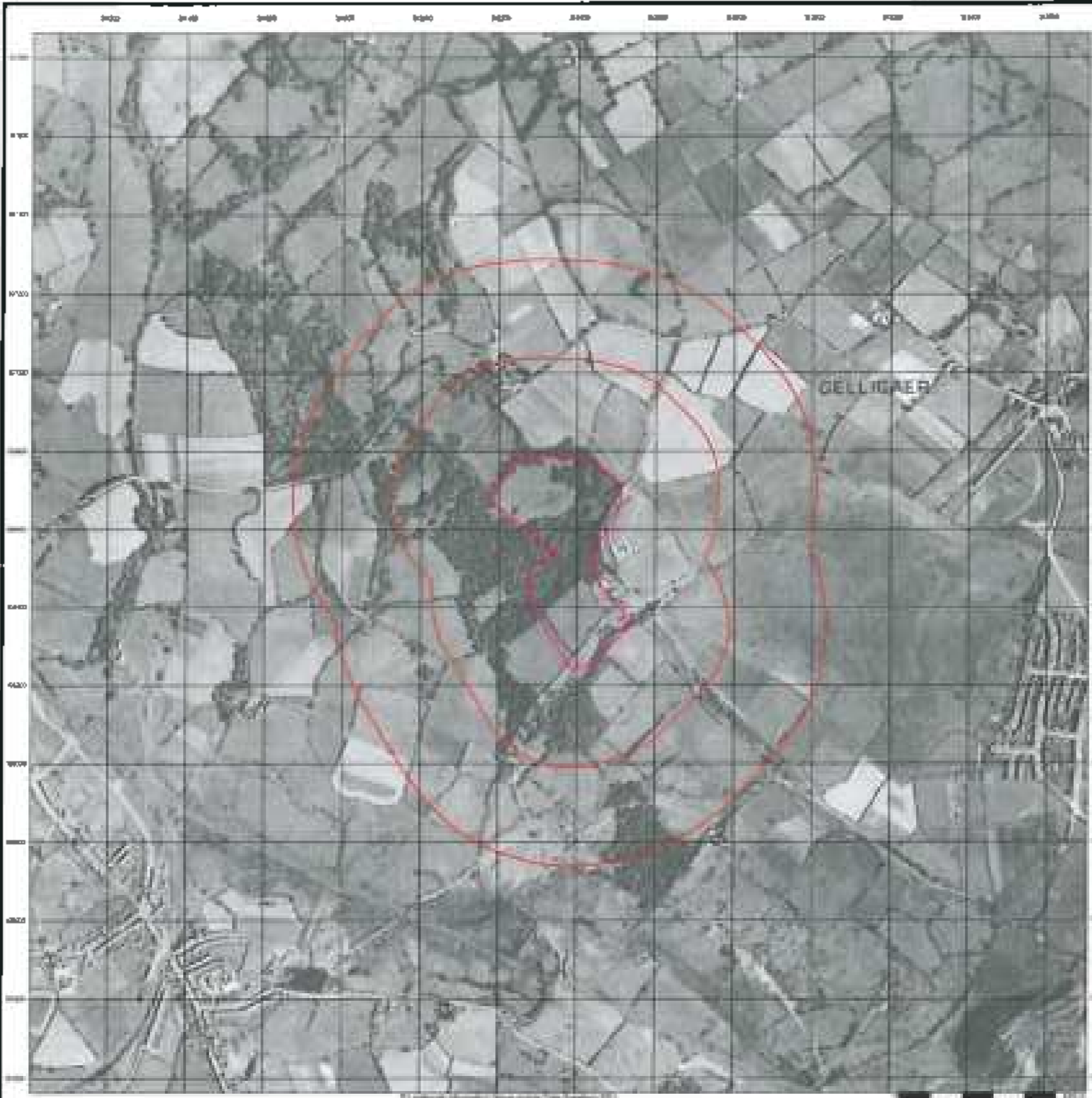
Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



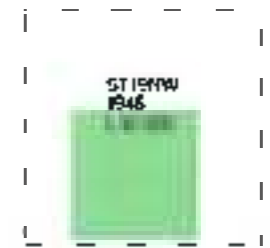


**Historical Aerial Photography
Published 1945
Source map scale - 1:10,560**

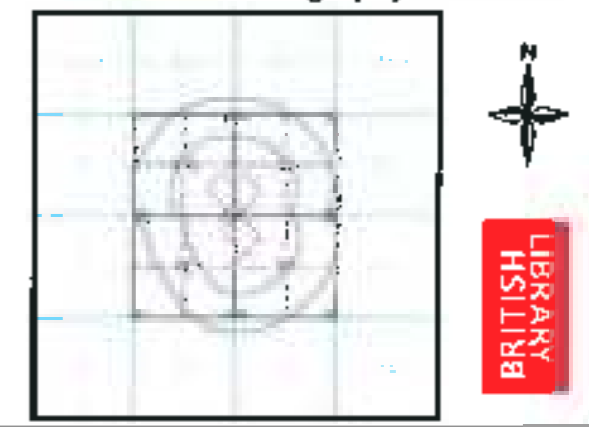
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post-war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by black fields or clouds. The original editions were withdrawn and only later made available after a period of 70 years although due to the accuracy of the editing, without viewing both versions it is not easy to spot the edits. Where available Landmark have included both versions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 36063971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 812380, 196640
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

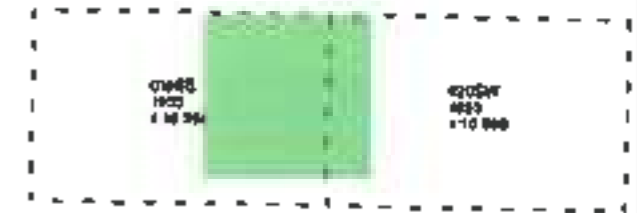
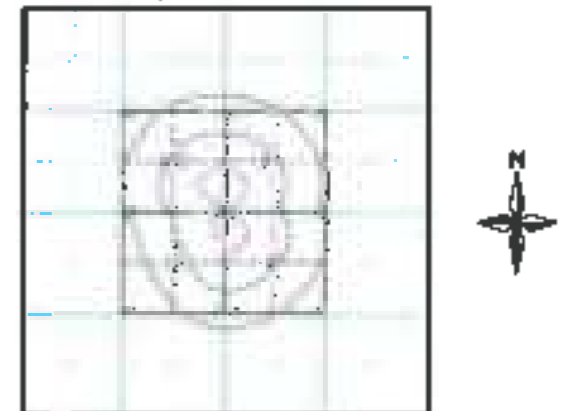
Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0844 844 9952
 Fax: 0844 844 8851
 Web: www.envirocheck.co.uk

Glamorganshire
Published 1953
Source map scale - 1:10,560

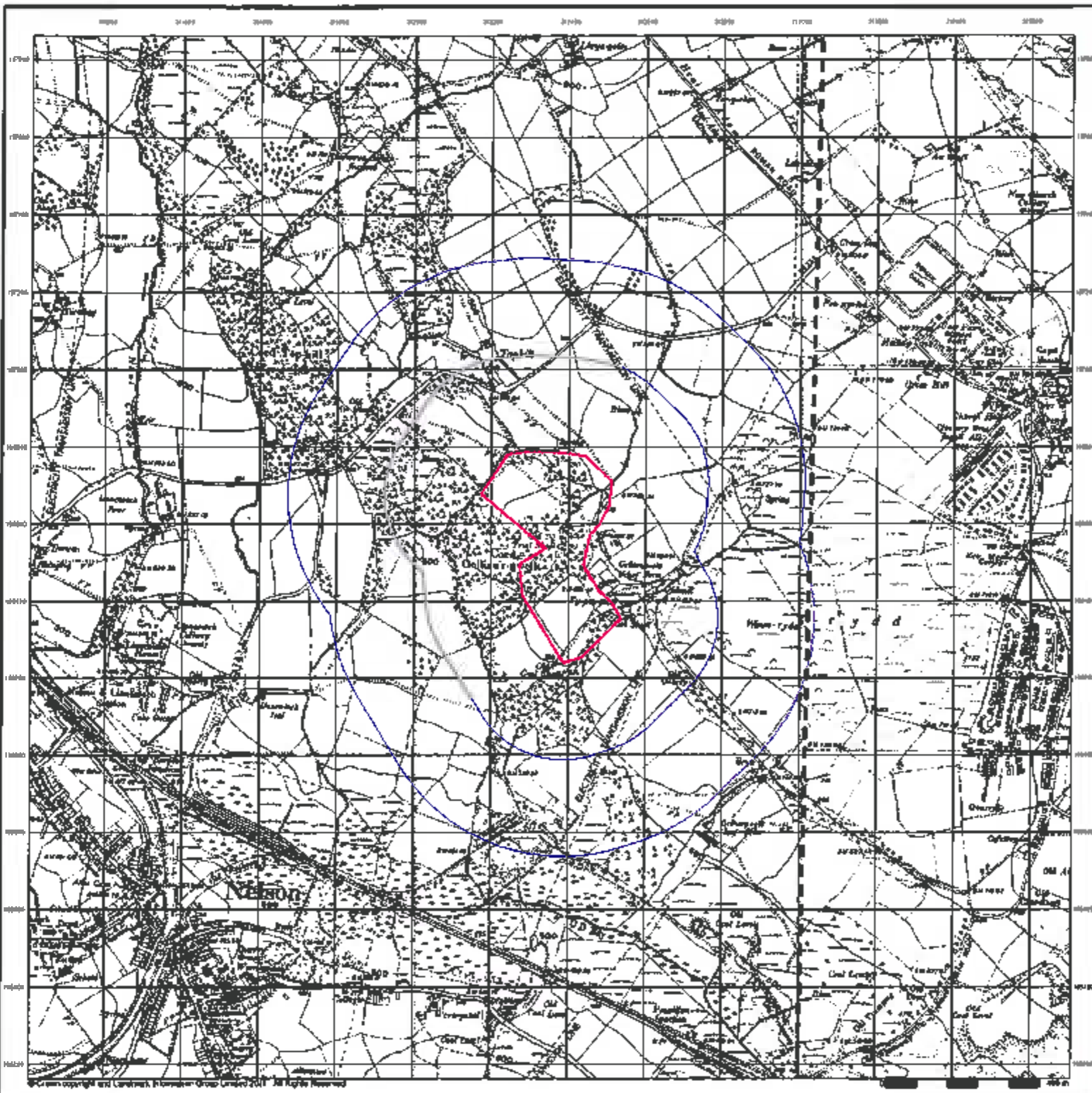
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published data given therefore is often some years later than the surveyed data. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1840's, a Provisional Edition was produced which updated the 1:10,560 mapping from a number of sources. The maps appear unfringed - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid in 1978, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number: 35083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 600

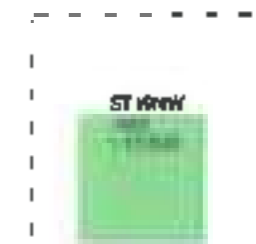
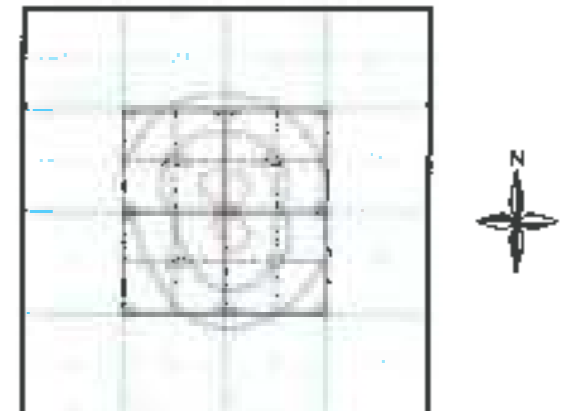
Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 6FY



Ordnance Survey Plan
Published 1960
Source map scale - 1:10,000

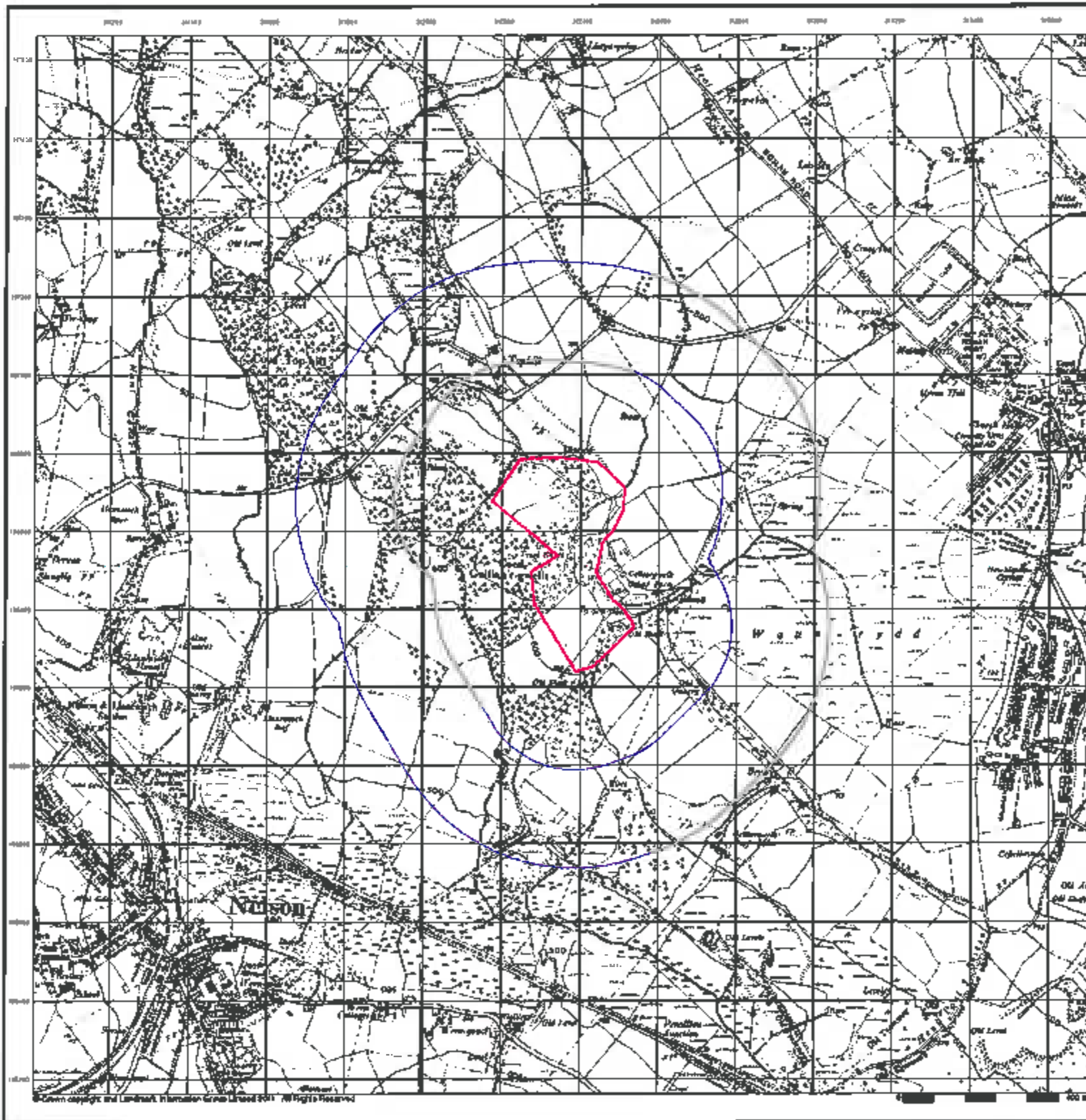
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1939, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unaltered - with all wutory clamps and other strategic areas removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

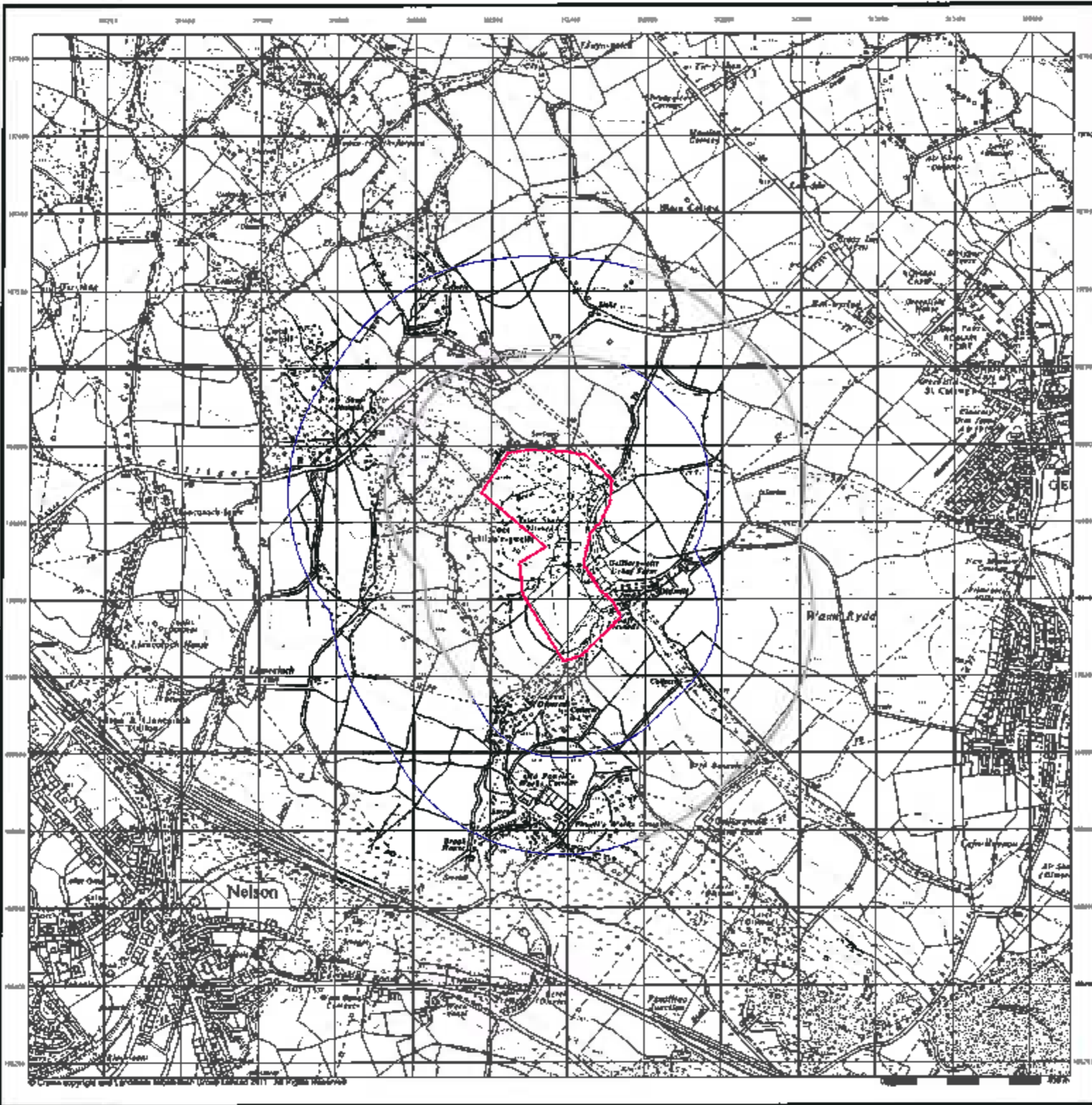
Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number:	36063971_1_1
Customer Ref:	Bryn Q
National Grid Reference:	312380, 186540
Slice:	A
Site Area (Ha):	10.87
Search Buffer (m):	500

Site Details

Gelligaerweli Uchaf Farm, Gelligaer, Hengoed, CF82 8FY





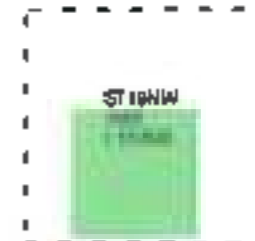
Ordnance Survey Plan

Published 1965

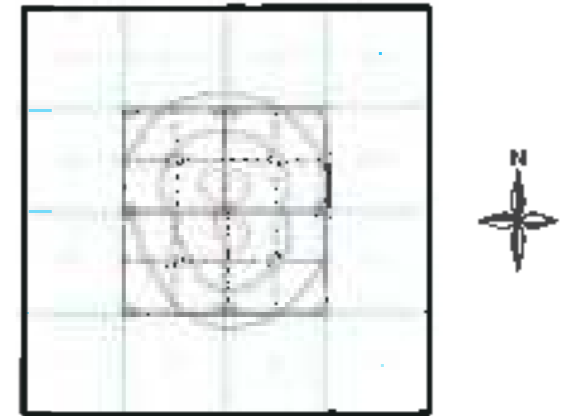
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1958, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

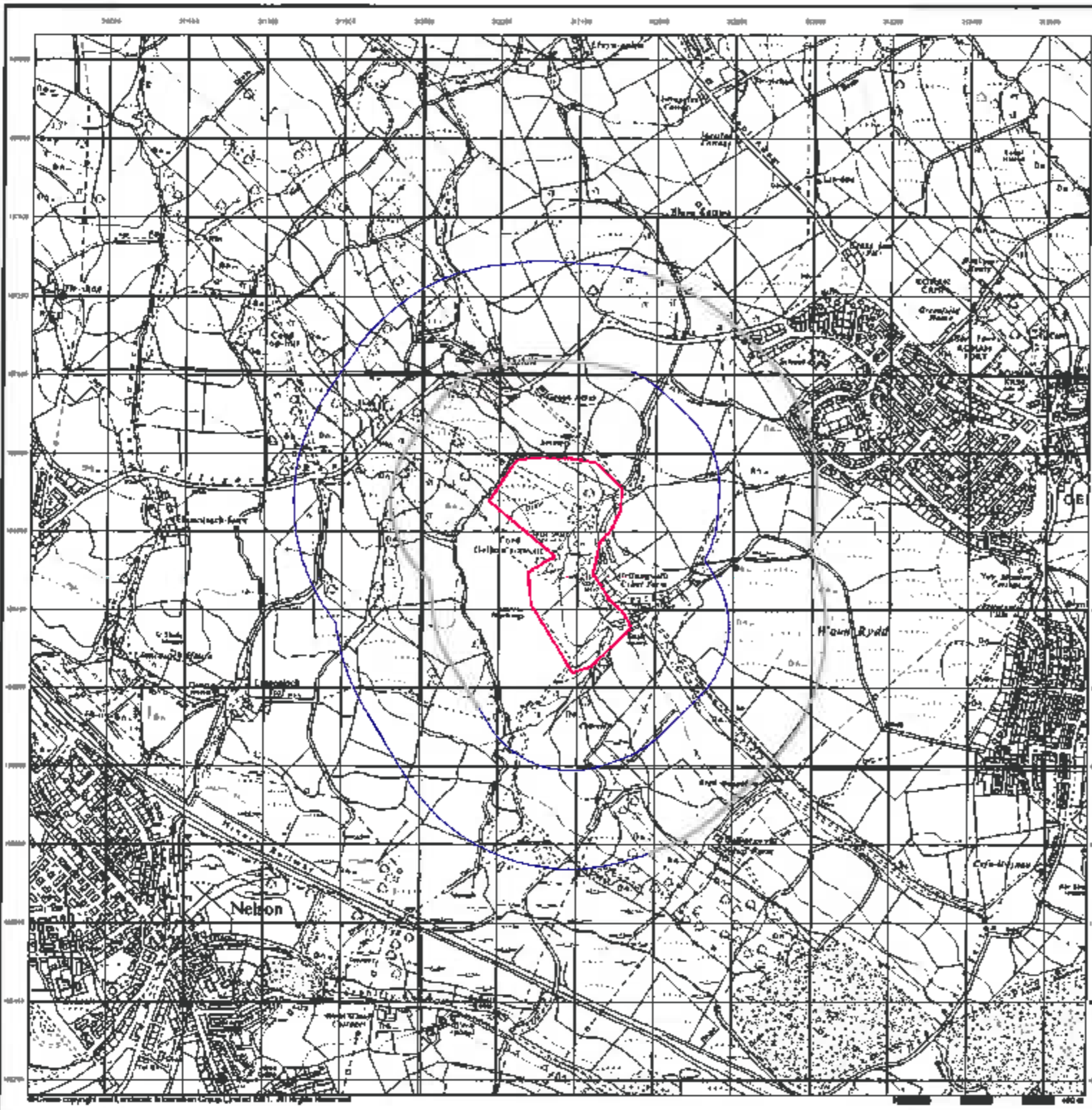
Order Number: 36083971_1_1
 Customer Ref: Bym Q
 National Grid Reference: 312380, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

Gelligaerwell Uchar Farm, Gelligaer, Hengoed, CF62 6FY



Tel: 0844 844 2962
 Fax: 0844 844 2951
 Web: www.envirocheck.co.uk



Ordnance Survey Plan

Published 1974

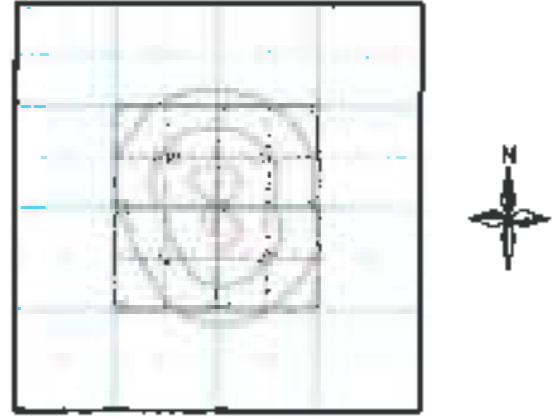
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published data given therefore is often some years later than the surveyed date. Before 1928, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unaltered - with all military camps and other sensitive sites removed. These maps were initially co-ordinated with the National Grid, in 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198840
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

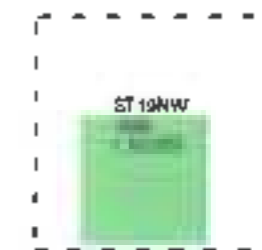
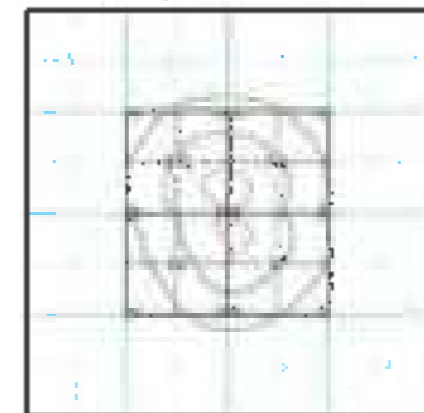
Gelligaerwolt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Tel: 0344 844 8922
 Fax: 0344 844 8923
 Web: www.envirocheck.co.uk

Ordnance Survey Plan
Published 1986
Source map scale - 1:10,000

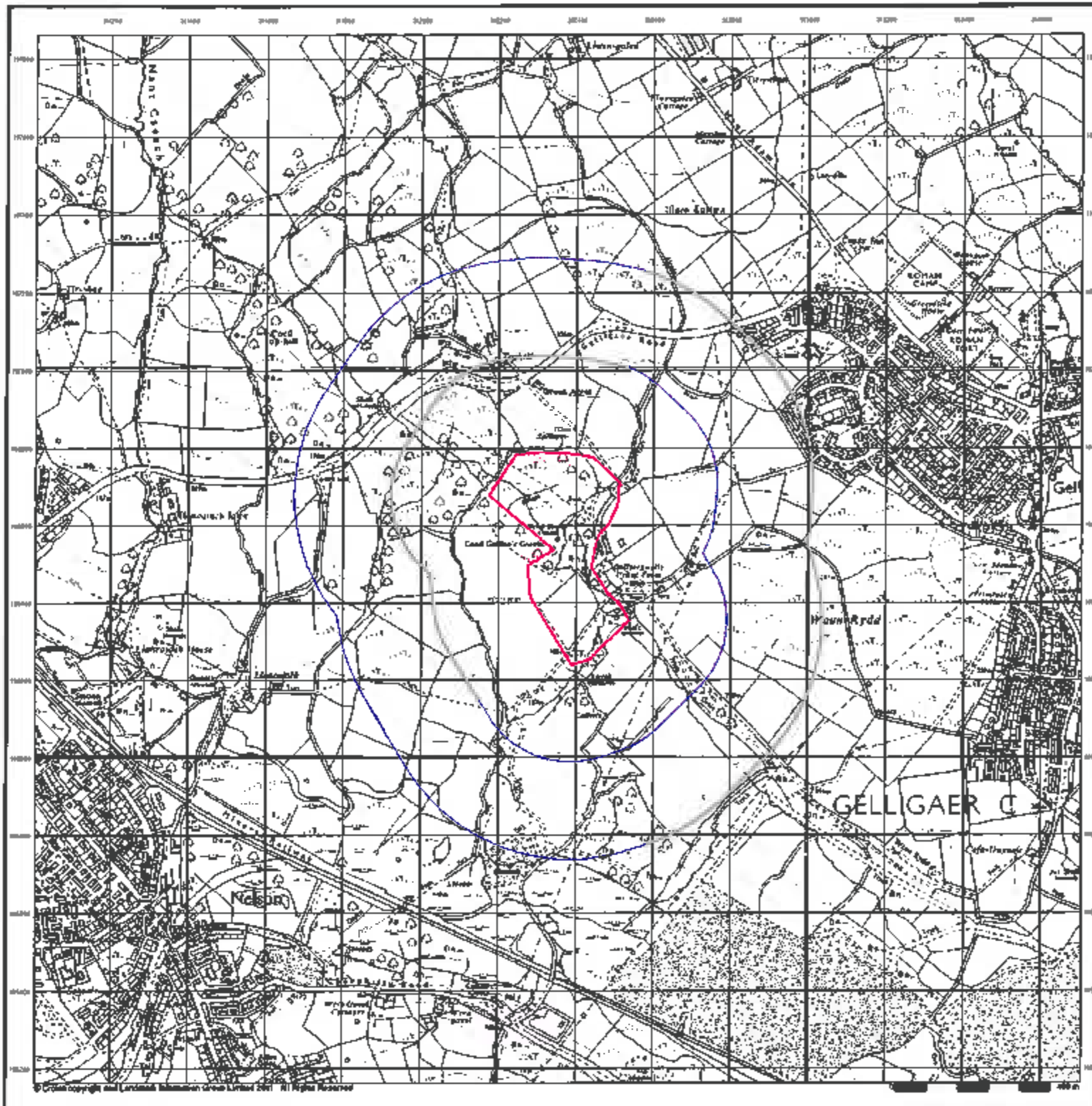
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published data given therefore is often some years later than the surveyed date, before 1858, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid in 1978, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number:	36083971_1_1
Customer Ref:	Bryn Q
National Grid Reference:	312380, 106540
Slice:	A
Site Area (Ha):	10.87
Search Buffer (m):	500

Site Details

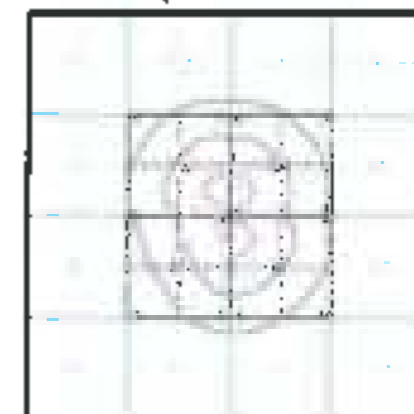
Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF62 8FY



10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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

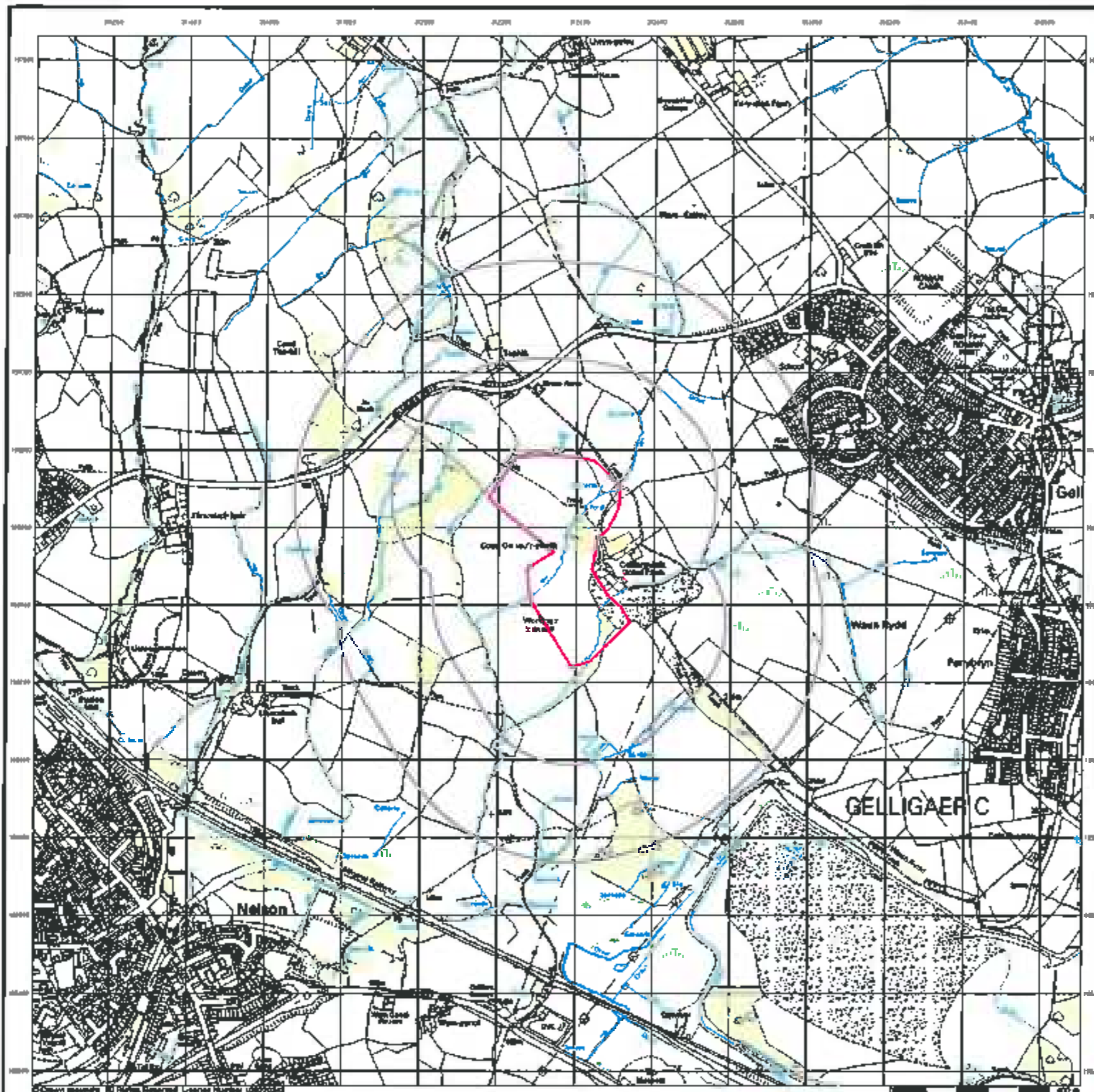
Map Name(s) and Date(s)

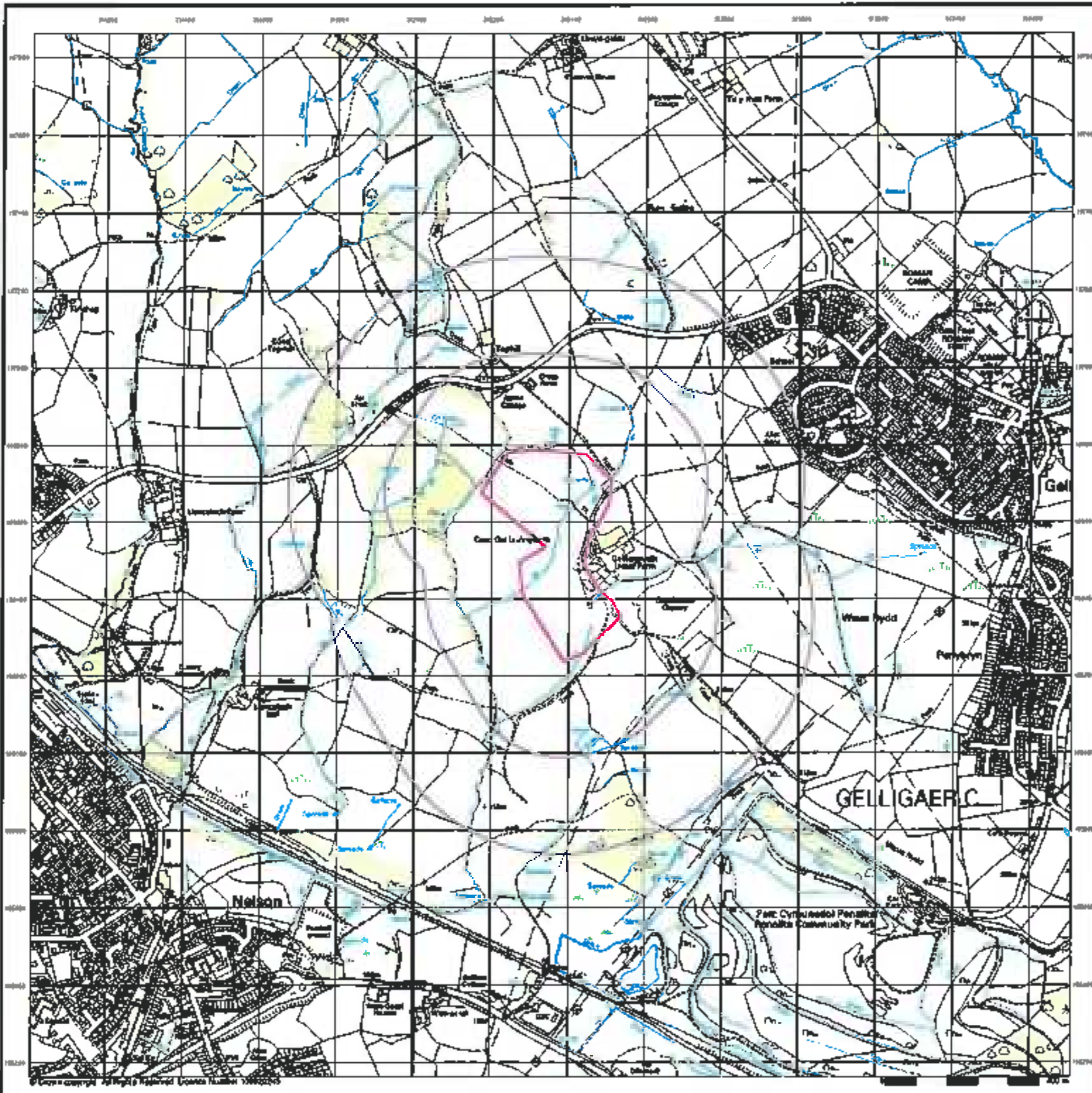
Historical Map - Slice A

Order Details

Order Number: 35083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 198540
 Slice: A
 Site Area (Ha): 10.67
 Search Buffer (m): 500

Site Details

Gelligaerweli Uchaf Ffarm, Gelligaer, Hengoed, CF62 6FY





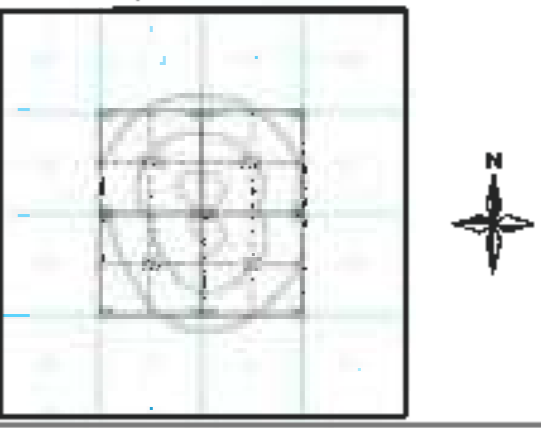
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312350, 196540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

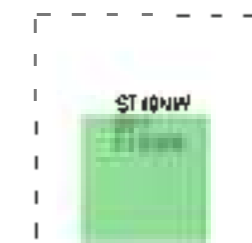
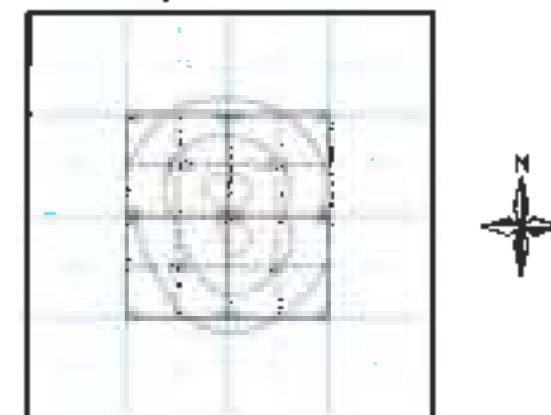
Site Details

Gelligaerwellt Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



10k Raster Mapping
Published 2011
Source map scale - 1:10,000

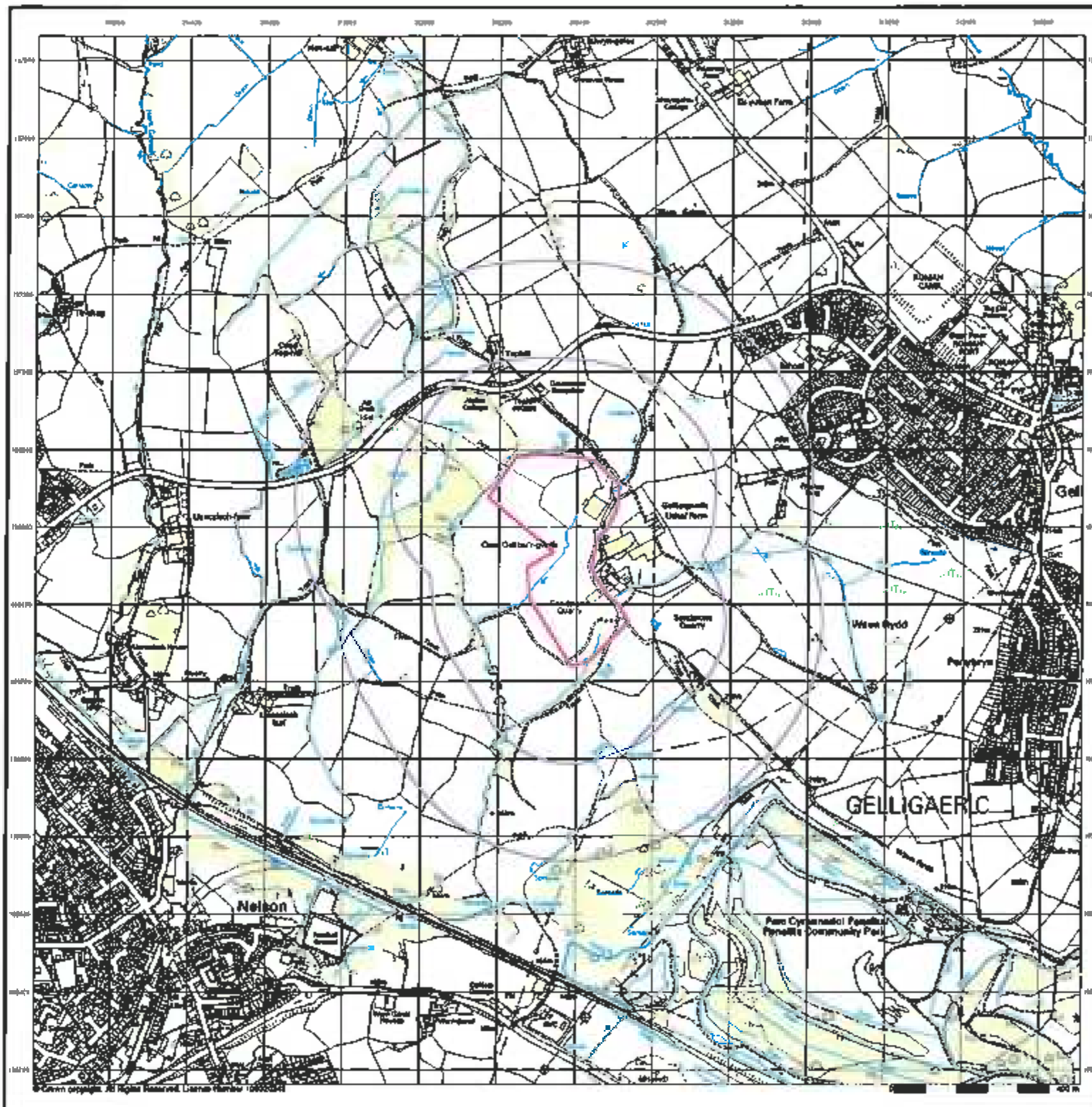
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number: 36083971_1_1
 Customer Ref: Bryn Q
 National Grid Reference: 312380, 186540
 Slice: A
 Site Area (Ha): 10.87
 Search Buffer (m): 500

Site Details

Gelligaerwell Uchaf Farm, Gelligaer, Hengoed, CF82 8FY



Index Map

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

Slice

Each slice represents a 1:14,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (as presented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

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

Quadrant

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

A selection of organisations also provide data within this report:



Envirocheck reports are generated from 126 different sources of data.

Prepared For

Bryn Quarry and Bryn Compost
Gelligerweli Uchaf
Gelligaer
Carmarthenshire
CF82 8PY

Client Details

Mr J Perkins, John Perkins Consulting Engineer, Bronhaul,
Abernant Road, Aberdare, RCT, CF44 0PY

Order Details

Order Number: 30003971_1_1
Customer Ref: Bryn Q
National Grid Reference: 312370, 198650
Site Area (Ha): 10.87
Search Buffer (m): 500

Site Details

Gelligerweli Uchaf Farm, Gelligaer, Hengoed, CF82 8FY

