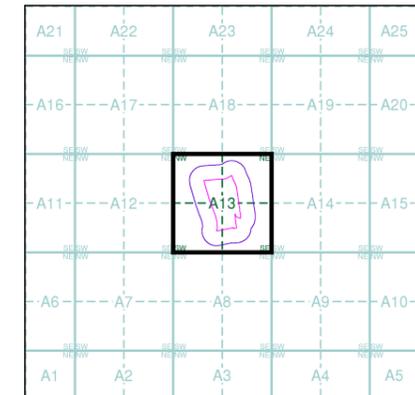


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

036_13 1877 1:2,500	036_14 1874 1:2,500
042_01 1876 1:2,500	042_02 1877 1:2,500

Historical Map - Segment A13

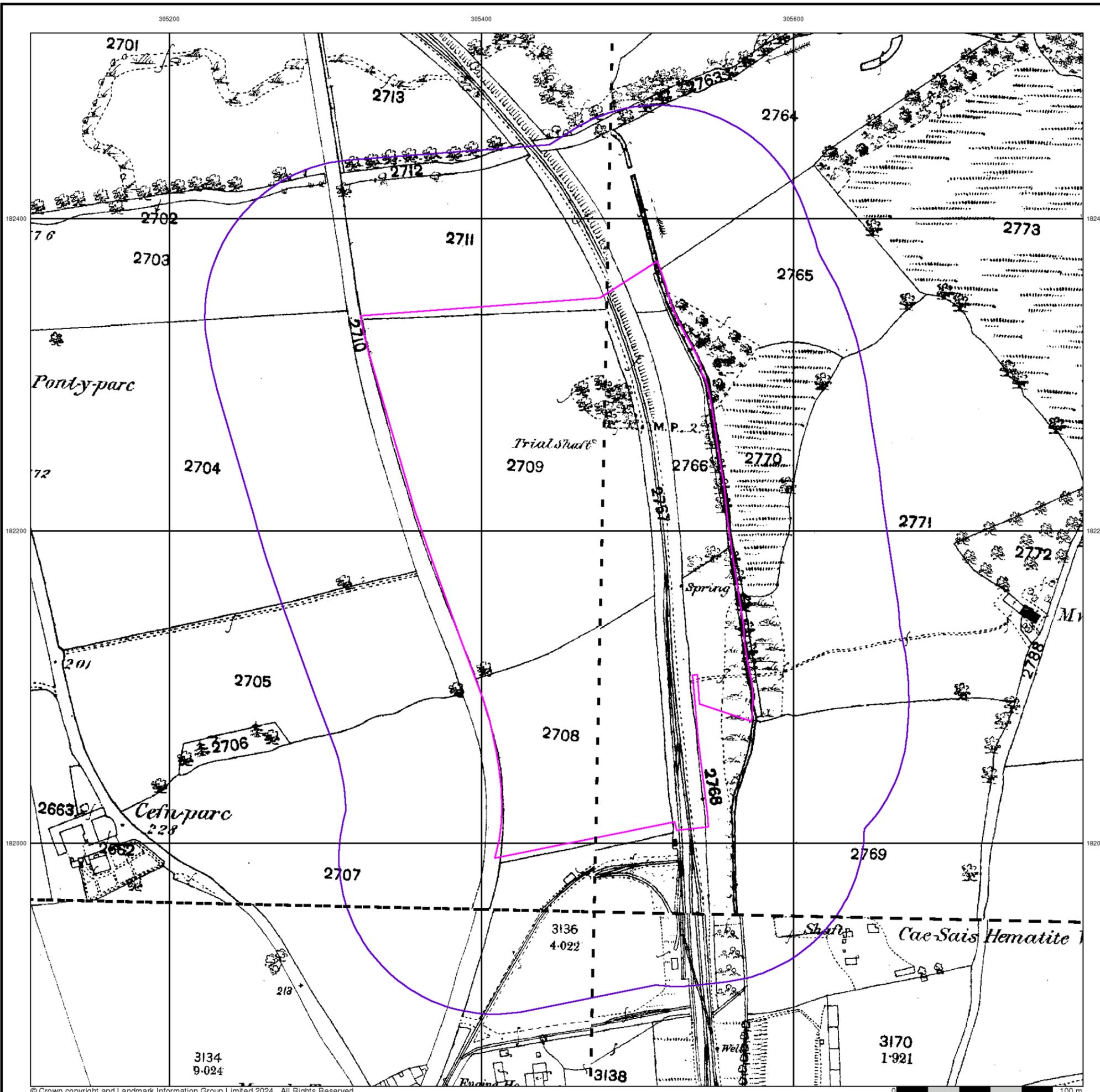


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

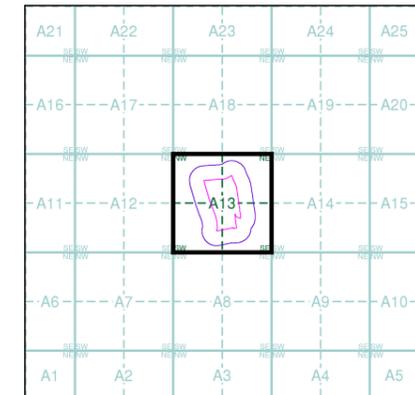


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

036_13 1899 1:2,500	036_14 1899 1:2,500
042_01 1900 1:2,500	042_02 1900 1:2,500

Historical Map - Segment A13

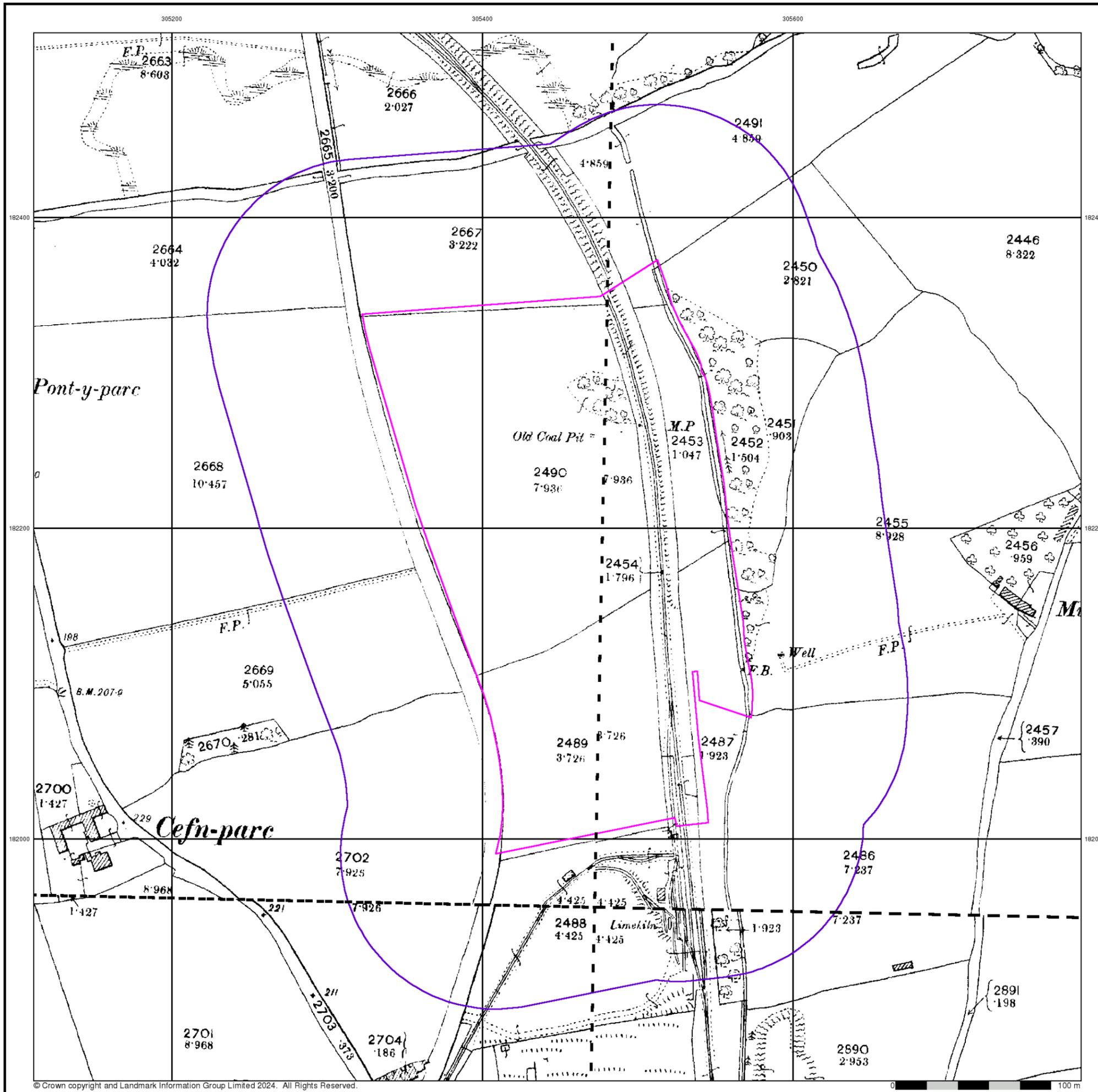


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

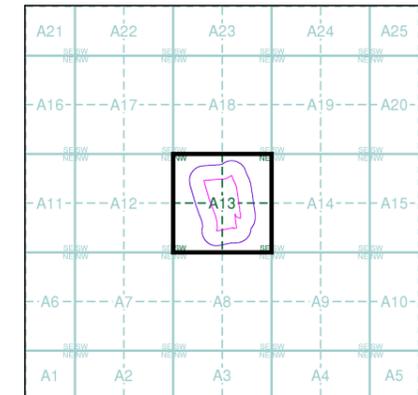


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

036_13 1919 1:2,500	036_14 1920 1:2,500
042_01 1919 1:2,500	042_02 1919 1:2,500

Historical Map - Segment A13

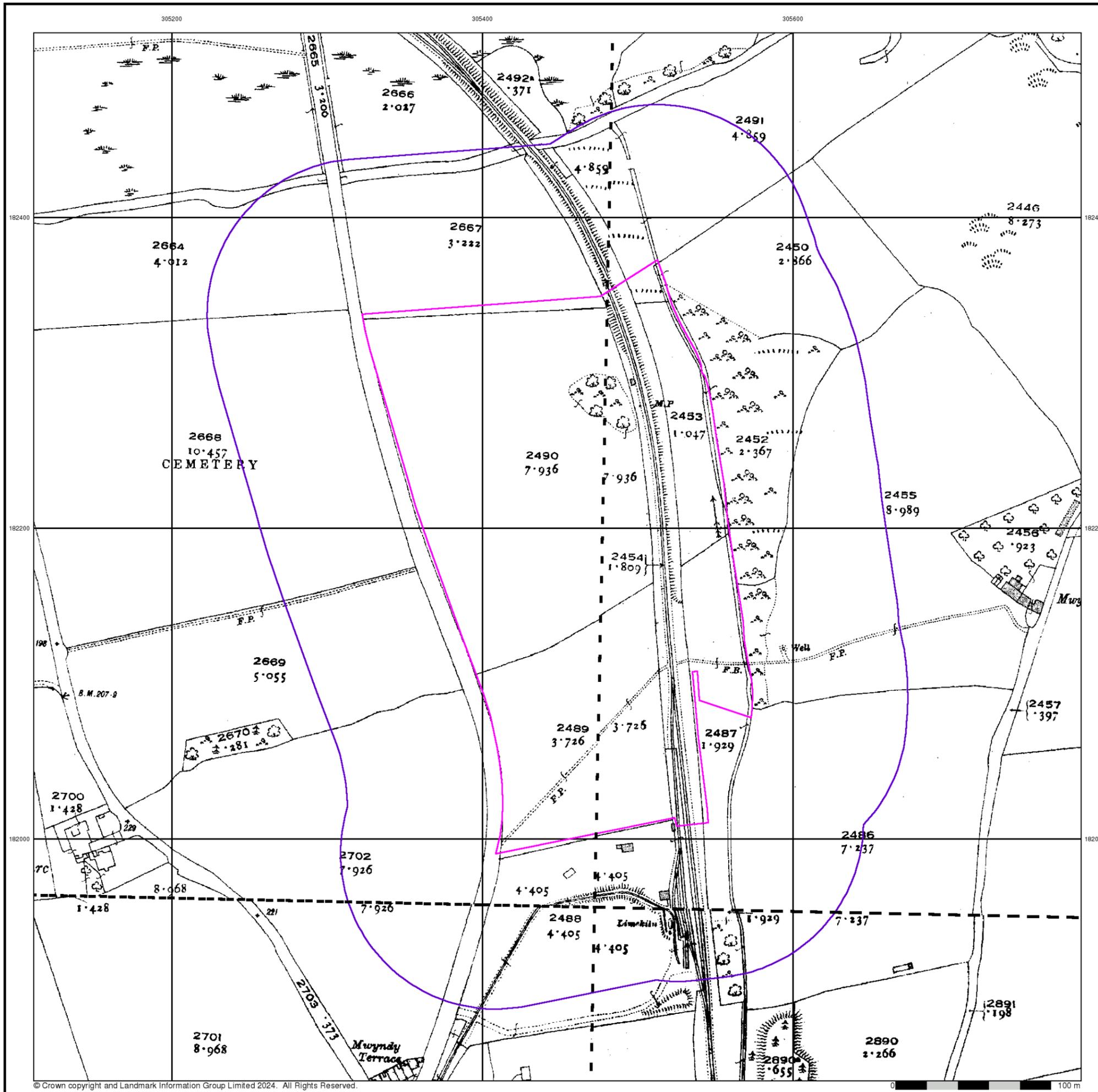


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

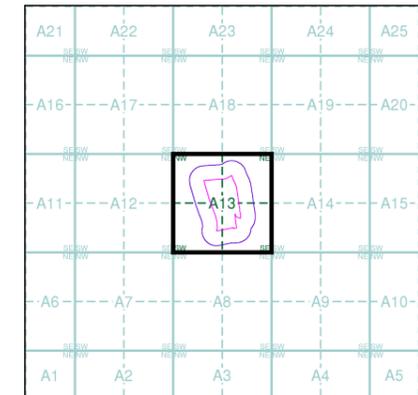


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

036_13 1940 1:2,500	036_14 1940 1:2,500
042_01 1941 1:2,500	042_02 1941 1:2,500

Historical Map - Segment A13

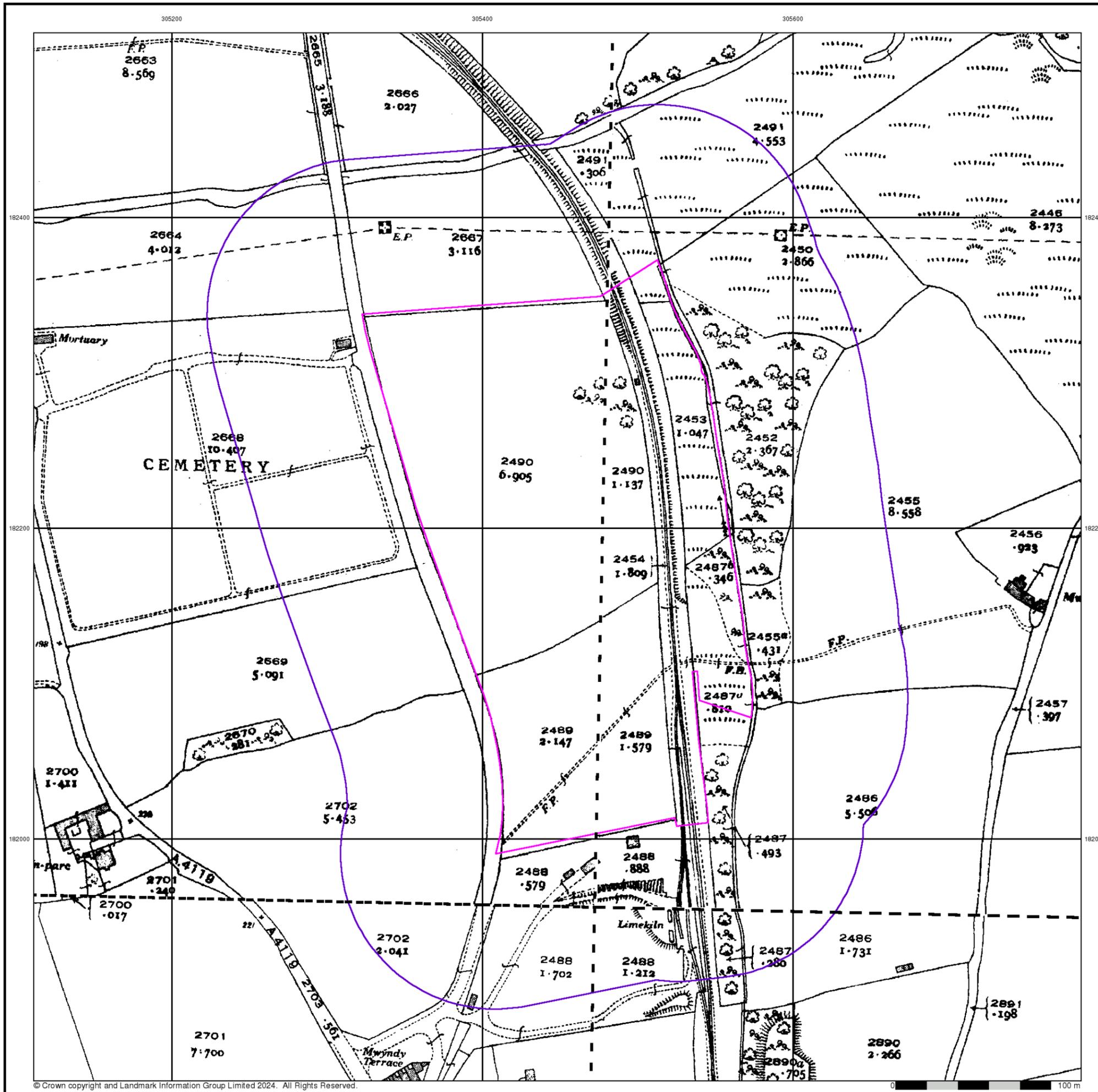


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



Ordnance Survey Plan

Published 1962

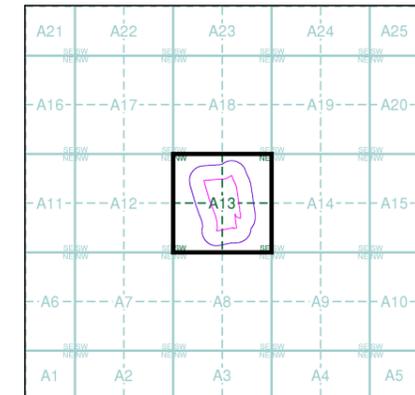
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST0582	1962	1:2,500
ST0581	1962	1:2,500

Historical Map - Segment A13

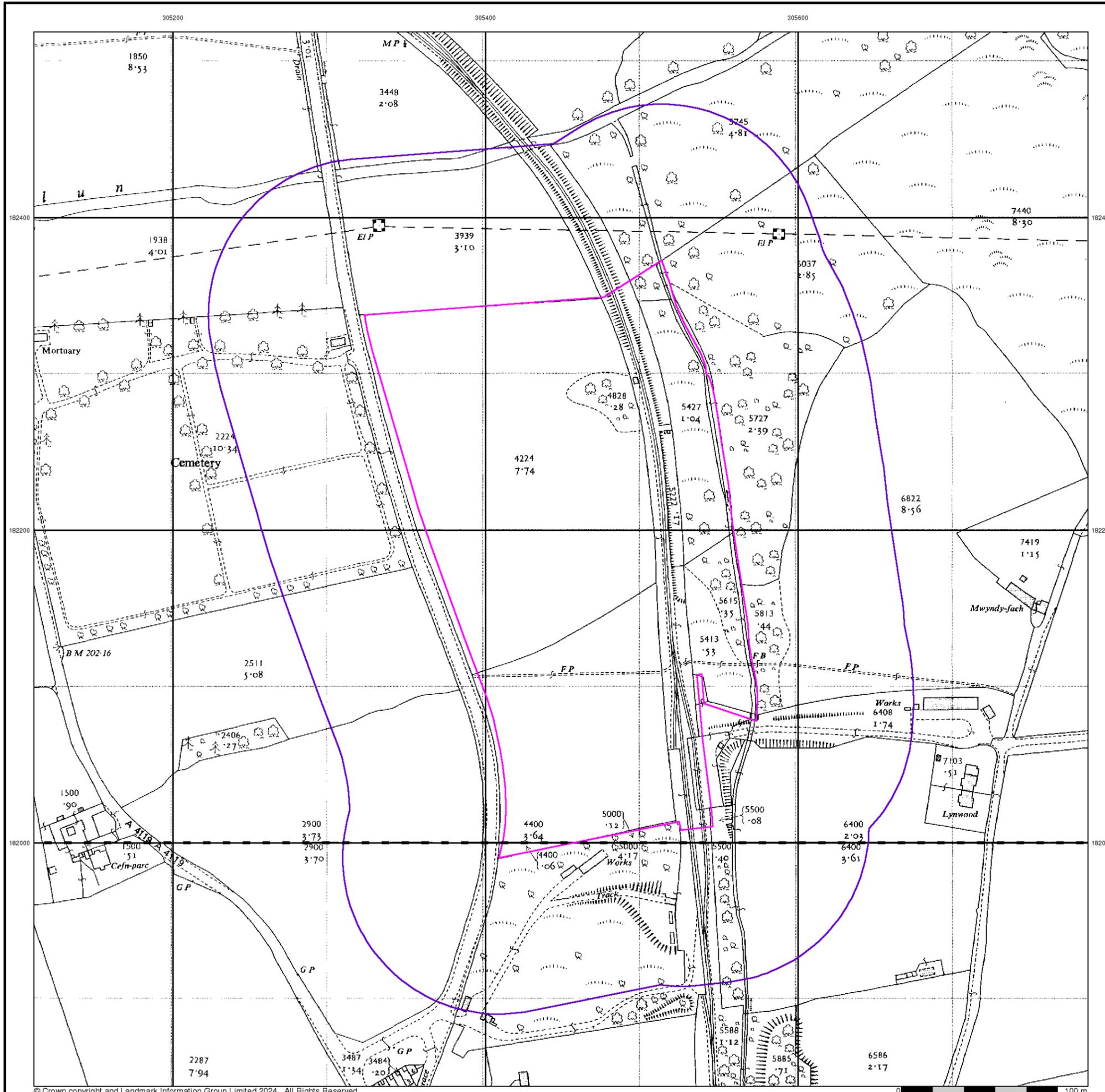


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



Ordnance Survey Plan

Published 1972

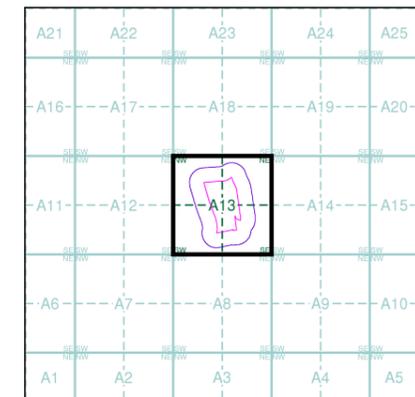
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST0582	1972	1:2,500
ST0581	1972	1:2,500

Historical Map - Segment A13

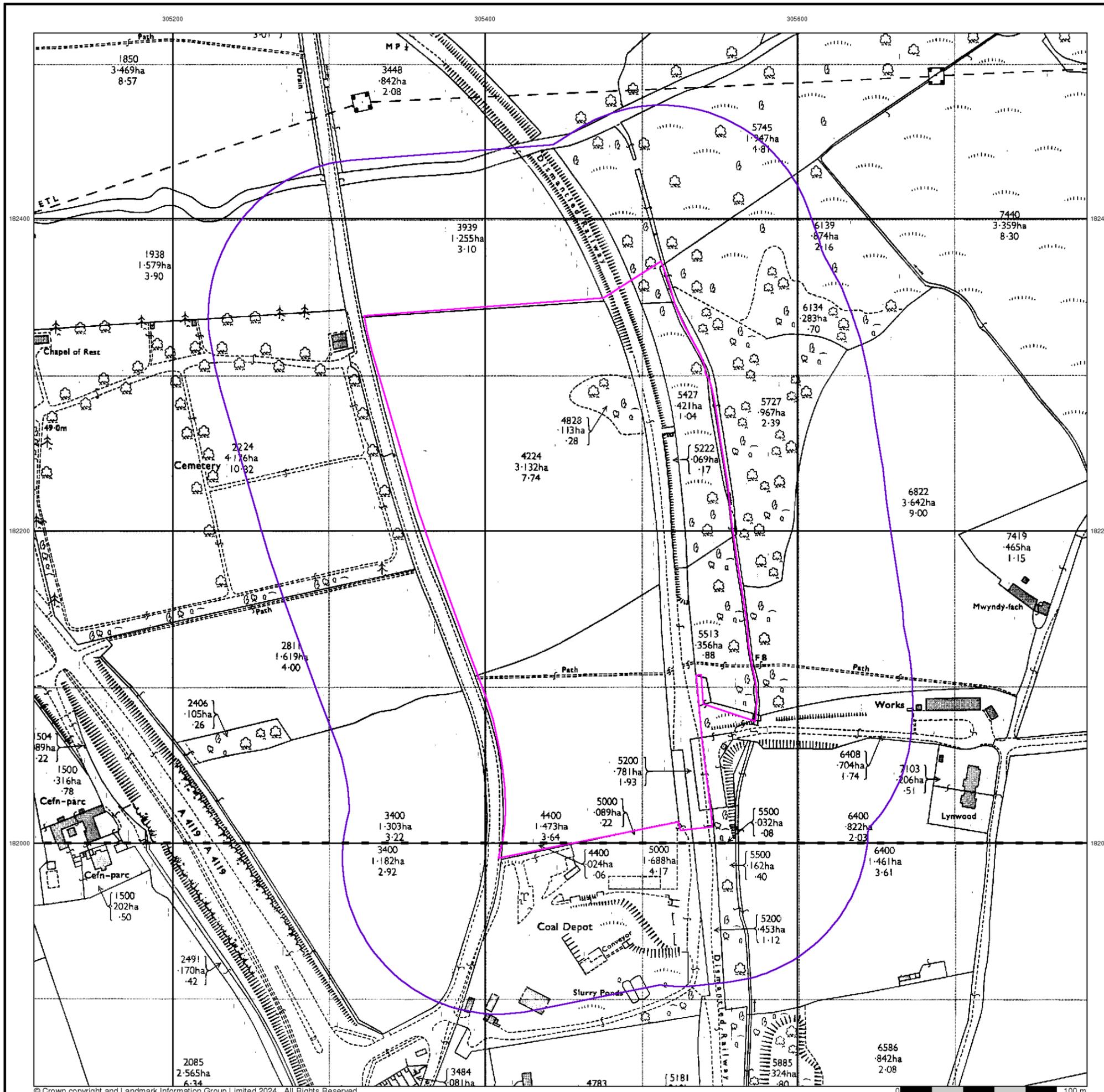


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



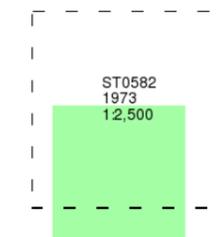
Supply of Unpublished Survey Information

Published 1973

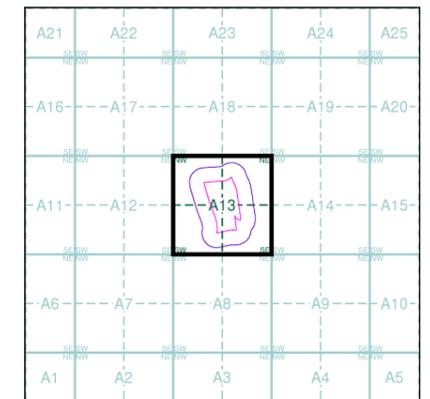
Source map scale - 1:2,500

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 A13

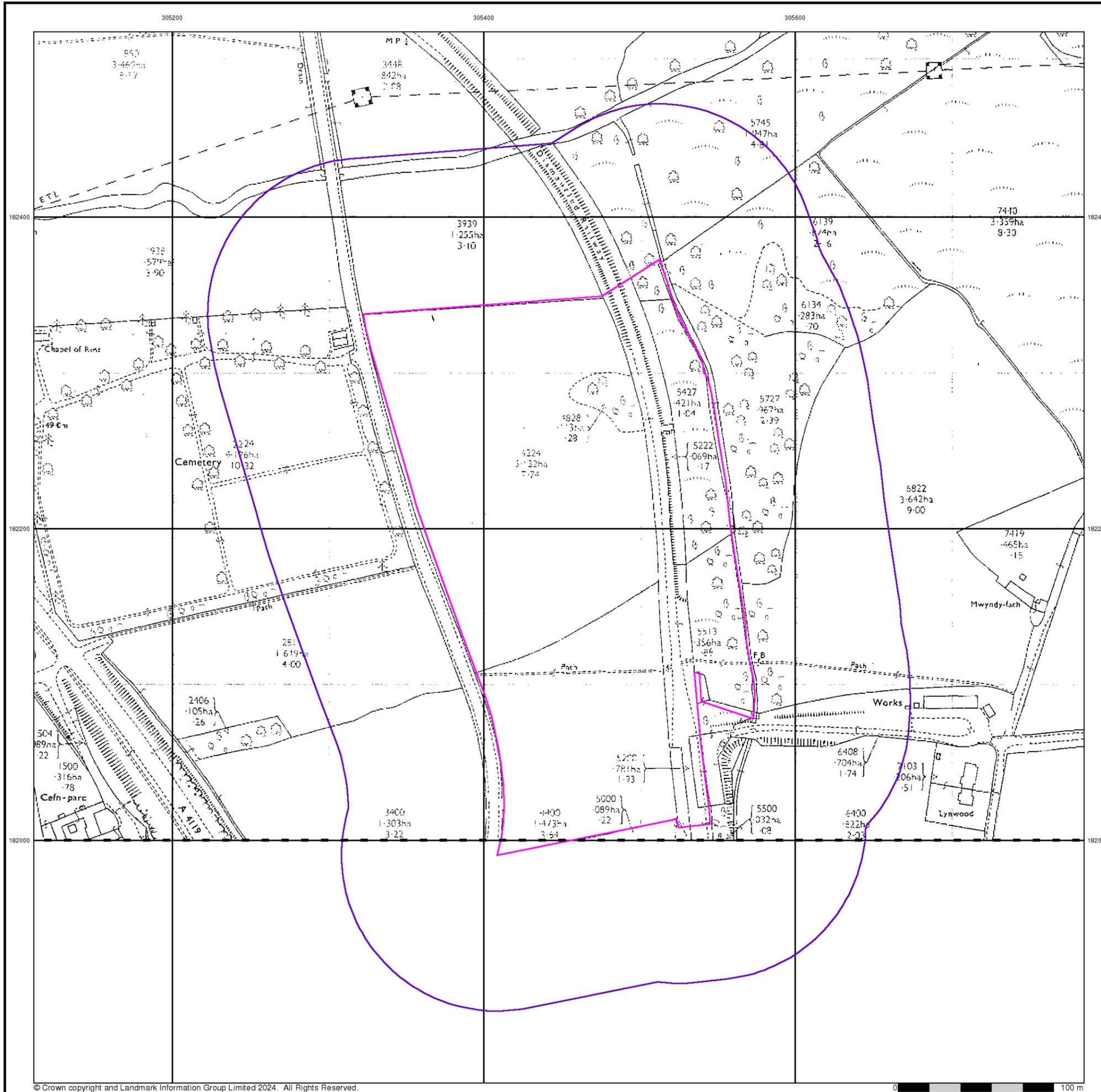


Order Details

Order Number: 361523509_1_1
Customer Ref: 14391/LP
National Grid Reference: 305450, 182190
Slice: A
Site Area (Ha): 6.23
Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



Additional SIMs

Published 1979 - 1980

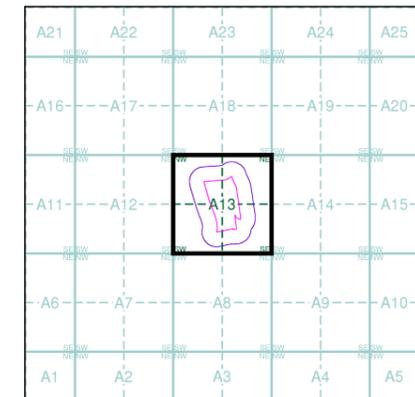
Source map scale - 1:2,500

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)

ST0582	1979	1:2,500
ST0581	1980	1:2,500

Historical Map - Segment A13

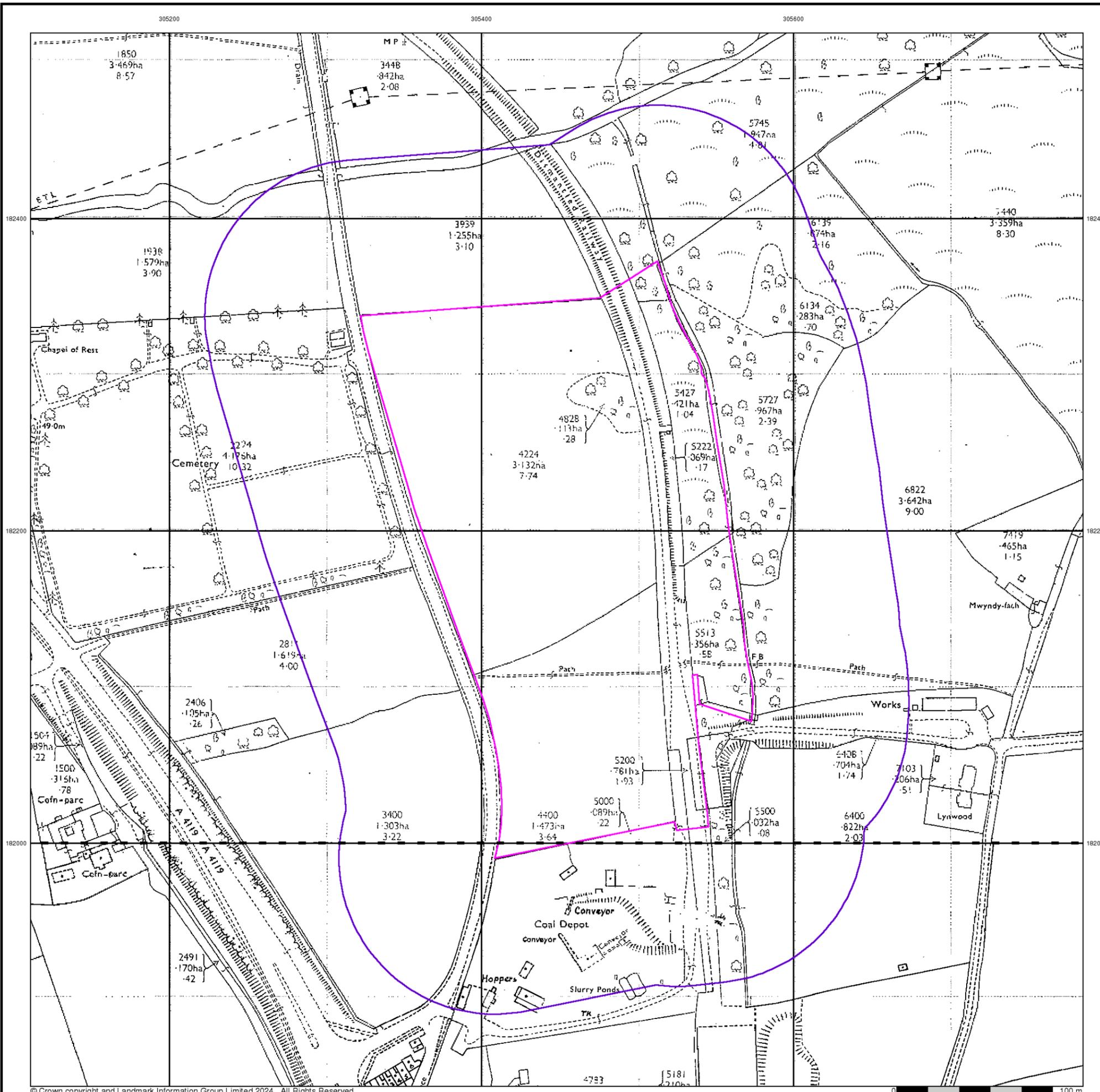


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



Ordnance Survey Plan

Published 1984 - 1991

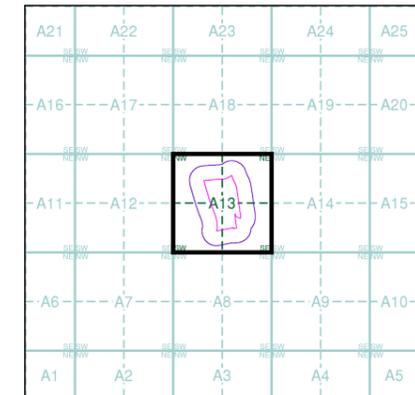
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

ST0582	1984	1:2,500
ST0581	1991	1:2,500

Historical Map - Segment A13

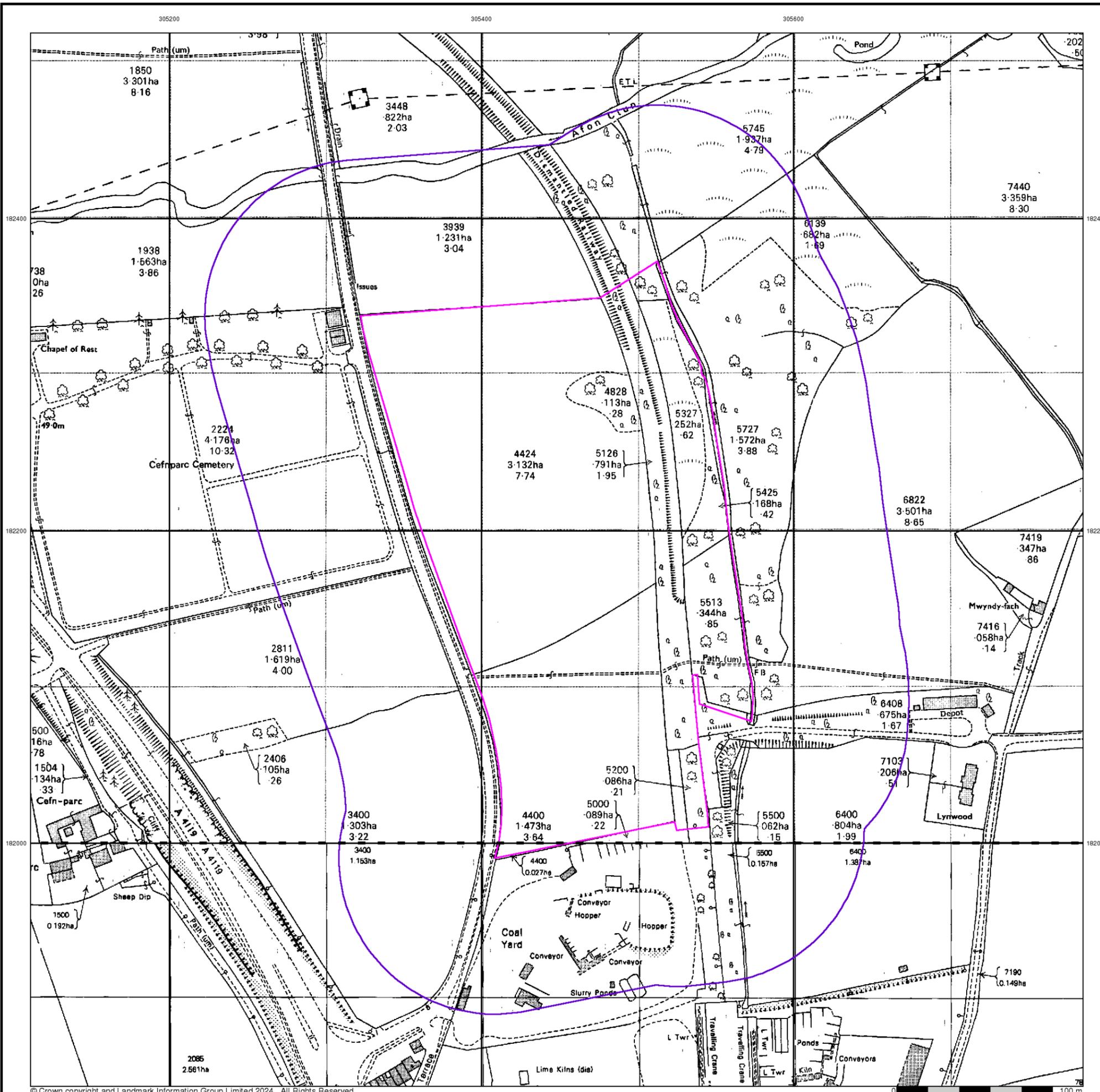


Order Details

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 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

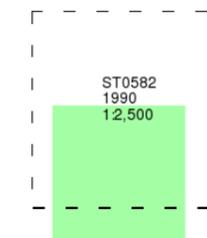
Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

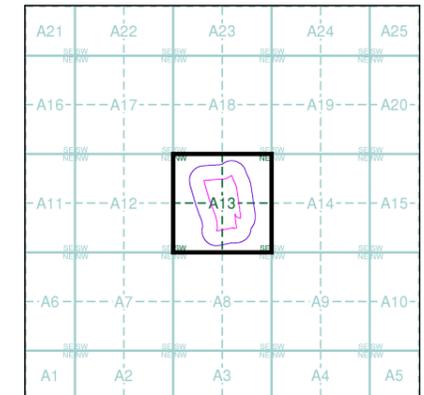


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A13

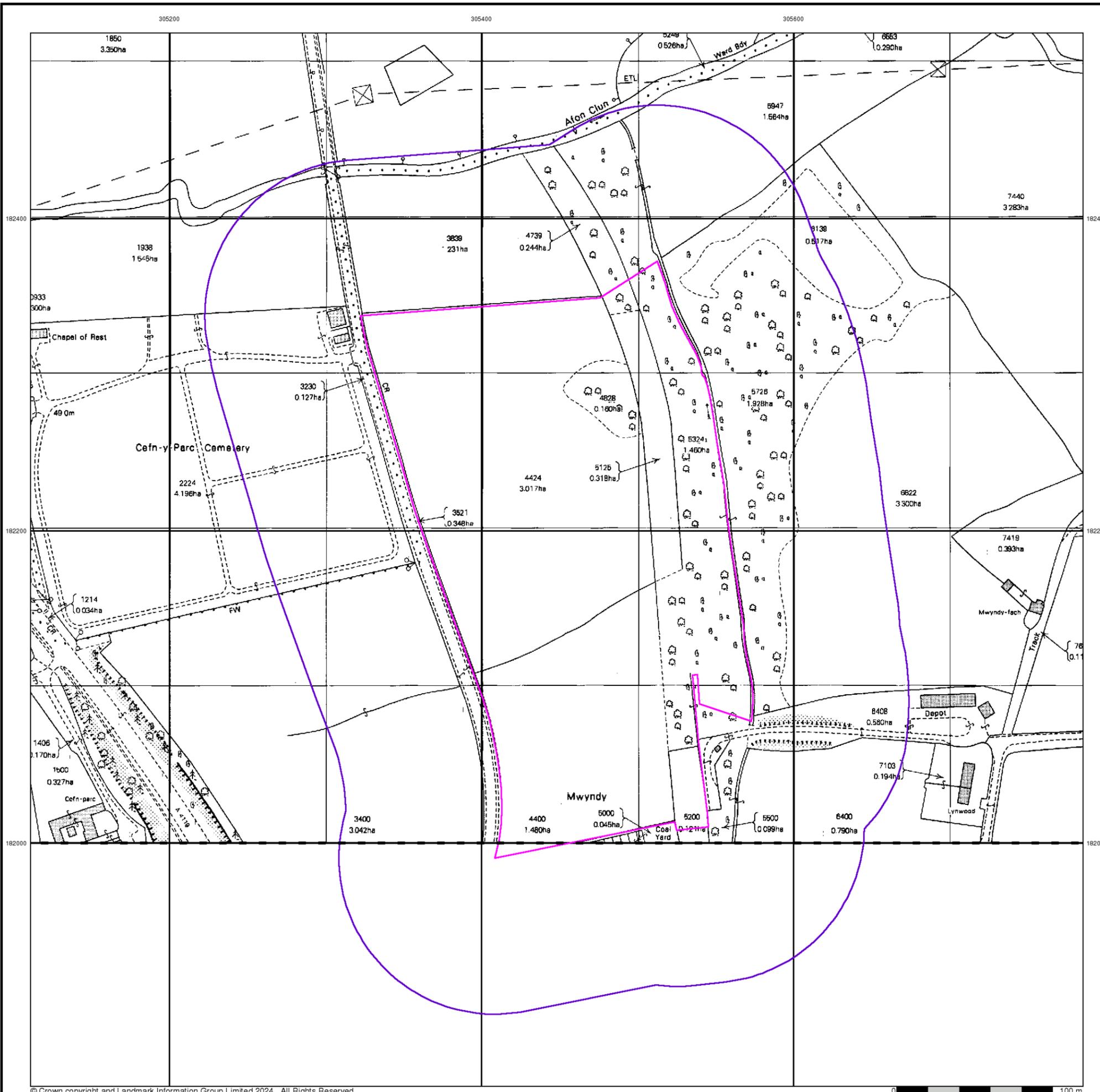


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



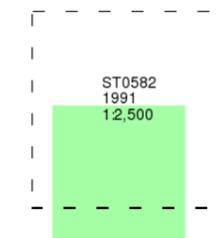
Additional SIMs

Published 1991

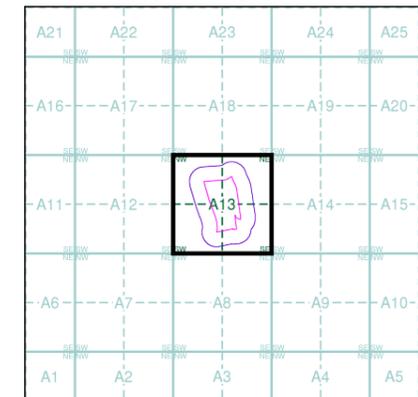
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

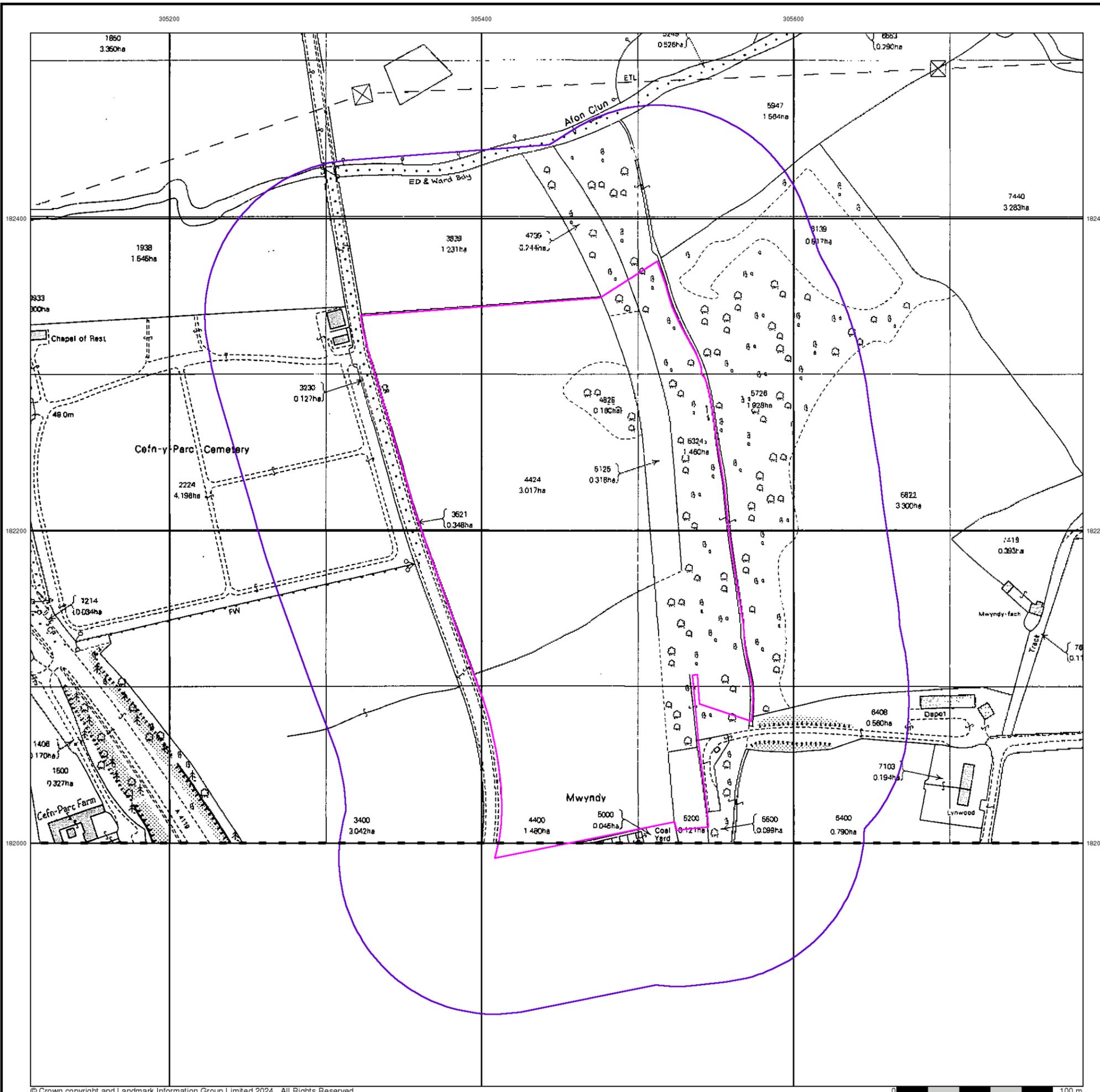


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



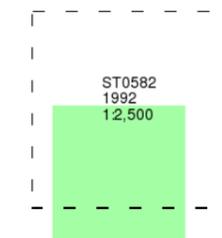
Additional SIMs

Published 1992

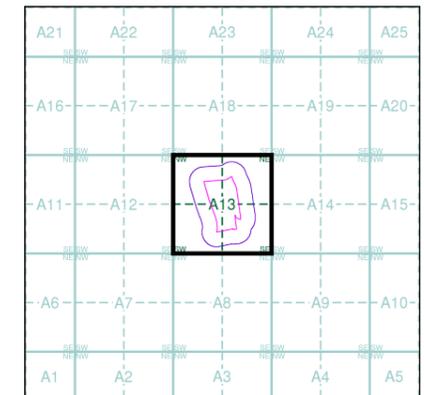
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 361523509_1_1
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 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

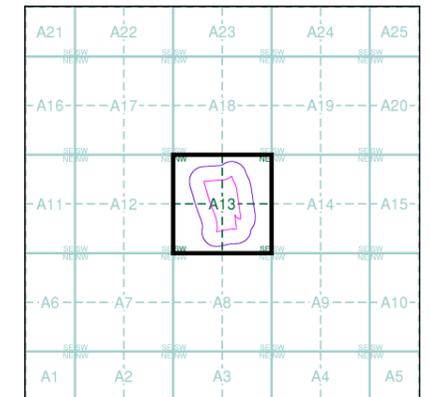


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

ST0582	1993	1:2,500
ST0581	1993	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
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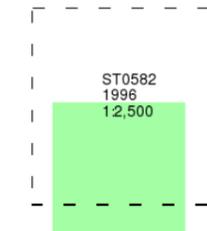
Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

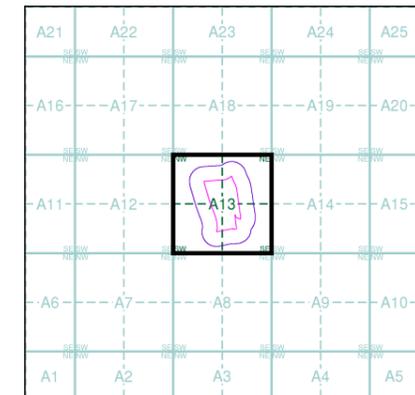


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 361523509_1_1
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 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



305200

305400

305600

182400

182400

182200

182200

182000

182000



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0 100 m

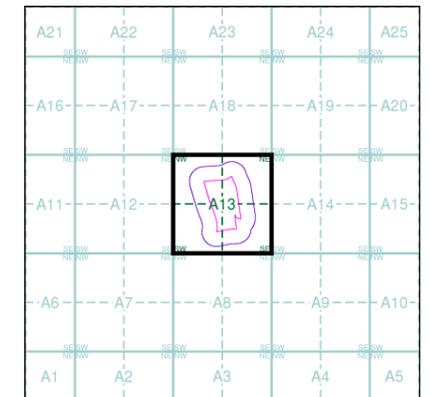


Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



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

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

361523509_1_1

Customer Reference:

14391/LP

National Grid Reference:

305450, 182190

Slice:

A

Site Area (Ha):

6.23

Search Buffer (m):

1000

Site Details:

Plot 2 Industrial Development Land

Mwyndy

Pontyclun

CF72 8PN

Client Details:

MR H Pritchard

Integral Geotechnique

Integral House

7 Beddau Way

Castlegate Business Park

Caerphilly

CF83 2AX

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	1
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	11
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	13
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	18
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Historical Map List	20
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
Data Currency	21
Data Suppliers	22
Useful Contacts	23

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1	1	2	6	36
Coal Mining Affected Areas	pg 8	Yes	n/a	n/a	n/a
Man Made Mining Cavities	pg 8		1	3	3
Mining Instability	pg 9	Yes	n/a	n/a	n/a
Natural Cavities	pg 9				6
Non Coal Mining Areas of Great Britain	pg 9	Yes		n/a	n/a
Potential Mining Areas	pg 10	1	3		2
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 11	1		n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 11	2	3	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 11	1	4	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)	pg 12	1	3	n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 12	1	1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts	pg 13				1
Disturbed Ground					
General Quarrying	pg 13			2	20
Heap, unknown constituents	pg 14			1	
Mineral Railway	pg 14		3	3	3
Mining & quarrying general	pg 14		2	2	6
Mining of coal & lignite	pg 15	1			3
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 15	1	2	2	17
Potentially Infilled Land (Water)	pg 16		1	2	16
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pont-Y-Parc Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127772 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	0	1	305469 182271
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mwyndy Terrace Location: Miskin, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127866 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group (Marginal Facies) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A13SE (S)	79	1	305520 181930
3	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mwyndy Terrace Location: Pont-Y-Clun, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127841 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A13SE (S)	157	1	305519 181852
4	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mwyndy Iron Ore Works Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26552 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	303	1	305500 181700
5	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Glan-Y-Llyn Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26551 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	316	1	305355 181680
6	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mwyndy Iron Ore Works Location: Groes-Faen, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26558 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	325	1	305690 181720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Gwern-Efa Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127774 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NW (E)	348	1	305890 182340
8	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Glan-Y-Llyn Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26550 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	393	1	305175 181675
9	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bute Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26543 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	452	1	305310 181550
10	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mwyndy-Bach Location: Pont-Y-Clun, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127842 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	511	1	306001 181781
11	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bute Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26542 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	543	1	305200 181490
12	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Glan-Y-Llyn Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26549 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	544	1	304970 181670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Ponty-Parc Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127791 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	579	1	304776 182141
14	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Saer Location: Pont-Y-Clun, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127845 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group (Marginal Facies) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	599	1	306062 181708
15	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Springs Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127793 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	605	1	305435 182972
16	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Saer Location: Miskin, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127867 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group (Marginal Facies) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	658	1	306126 181702
17	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coed Caerau-Bach Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127785 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	660	1	305816 182958
18	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mwyndy-Bach Location: Pont-Y-Clun, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127843 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group (Marginal Facies) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	660	1	306177 181814

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn Yr Hendy Location: Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161299 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	669	1	304785 181750
20	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn Yr Hendy Location: Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161300 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	674	1	304837 181634
21	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Tondrygwair Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127773 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	687	1	305935 182914
22	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Tor-Y-Coed Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127787 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	716	1	306266 182313
22	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Gwern-Efa Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127776 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	730	1	306275 182347
23	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Castell-Y-Mynach Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26547 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: High Tor Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	749	1	305655 181270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Castell-Y-Mynach Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26548 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: High Tor Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	751	1	305755 181290
25	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Porthandro Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127789 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group (Marginal Facies) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	753	1	306323 182013
26	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Saer Location: Pont-Y-Clun, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127844 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	764	1	306306 181864
27	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Croftau Location: Groes-Faen, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26559 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: High Tor Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	775	1	305905 181325
28	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Maendy Location: Groes-Faen, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127872 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Cefnryhendy Oolite Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	782	1	306134 181497
29	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn Yr Hendy Location: Pont-Y-Clun, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127839 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	784	1	304620 181946

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn Yr Hendy Location: Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161298 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	789	1	304681 181687
31	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn Yr Hendy Location: Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161297 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	791	1	304705 181631
32	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Castell-Y-Mynach Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26546 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Gully Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	819	1	305660 181200
33	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Sar Location: Groes-Faen, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26556 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group (Marginal Facies) (Dolomitic Conglomerate) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	834	1	306325 181715
34	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Croftau Location: Groes-Faen, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26555 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Gully Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	848	1	306000 181295
35	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Saer Location: Groes-Faen, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26557 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	886	1	306365 181675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn Yr Hendy Location: Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161018 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Not Available Geology: ! Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	889	1	304603 181615
37	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cefn-Parc Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127771 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	895	1	304440 182193
38	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Erw Hir Location: Cross Inn, Llantrisant, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26690 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	917	1	305325 183270
39	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Erw Hir Location: Cross Inn, Llantrisant, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 9293 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rhondda Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A23SE (N)	919	1	305550 183290
40	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Croftau Location: Groes-Faen, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26553 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Gully Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	929	1	306160 181315
41	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bute Quarry Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26539 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Cefnyrhendy Oolite Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	960	1	304775 181270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Maendy Location: Groes-Faen, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127873 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hunts Bay Oolite Subgroup Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m</p>	A10NW (E)	966	1	306488 181771
43	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Hendy Quarry Location: Miskin, Pontyclun, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 3814 Type: Opencast Status: Active Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group (Friars Point Limestone Formation, Brofiscin Oolite Formation) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A3NW (S)	972	1	305375 181020
44	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Tynewydd Location: Miskin, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127868 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Friars Point Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A4NW (SE)	998	1	306046 181148
	<p>Coal Mining Affected Areas</p> <p>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.</p>	A13NE (NW)	0	2	305452 182187
	<p>Man Made Mining Cavities</p> <p>Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology Detail: No Details</p>	A13SE (S)	107	3	305500 181900
	<p>Man Made Mining Cavities</p> <p>Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology Detail: No Details</p>	A12SE (W)	408	3	305000 182000
	<p>Man Made Mining Cavities</p> <p>Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology Detail: No Details</p>	A12SE (W)	408	3	305000 182000
	<p>Man Made Mining Cavities</p> <p>Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology Detail: No Details</p>	A14SW (E)	434	3	306000 182000
	<p>Man Made Mining Cavities</p> <p>Cavity Type: Not supplied Commodity: Lead Solid Geology Detail: No Details Superficial Geology Detail: No Details</p>	A12NE (W)	540	3	304800 182200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man Made Mining Cavities Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology Detail: No Details	A7SE (SW)	639	3	305000 181500
	Man Made Mining Cavities Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology Detail: No Details	A15NW (E)	932	3	306500 182200
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	4	305452 182187
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (E)	0	4	305500 182187
	Mining Instability Mining Evidence: Conclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (E)	0	4	305500 182187
	Mining Instability Mining Evidence: Conclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	4	305452 182187
	Mining Instability Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	4	305452 182187
	Natural Cavities Cavity Type: Sinkhole x 8 Solid Geology Detail: Lower Carboniferous Limestone, Lower Carboniferous Limestone Superficial Geology Detail: Glacial Till and morainic drift	A7NE (SW)	621	3	304850 181720
	Natural Cavities Cavity Type: Sinkhole Solid Geology Detail: Carboniferous Limestone Supergroup, Dolomitic Conglomerate Superficial Geology Detail: Glacial Till and morainic drift	A7NE (SW)	642	3	304900 181600
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology Detail: No Details	A7NE (SW)	718	3	304820 181580
	Natural Cavities Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: Glacial Till and morainic drift	A7NE (SW)	746	3	304800 181560
	Natural Cavities Cavity Type: Sinkhole x 9 Solid Geology Detail: Dolomitic Conglomerate, Middle Coal Measures Superficial Geology Detail: Glacial Till and morainic drift	A12SW (W)	776	3	304640 181890
	Natural Cavities Cavity Type: Sinkhole x 4 Solid Geology Detail: Dolomitic Conglomerate, Middle Coal Measures Superficial Geology Detail: Glacial Till and morainic drift	A7NW (SW)	856	3	304588 181732
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	305452 182350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Potential Mining Areas Name: Llantrisant Ceased Operation: Not Supplied Commodity: Coal and Iron Ore Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A13NE (E)	0	5	305477 182186
46	Potential Mining Areas Name: Bute Hematite Ceased Operation: 1866 Commodity: Iron Ore Reference: Not Supplied Alternate: East Name/Mine: Alternate: Mwyndy Name/Mine: Custodian: Adams and Vachell, Victoria Chambers, Newport, Mon.	A13SW (S)	34	5	305447 181956
47	Potential Mining Areas Name: Hendy Hematite Ceased Operation: 1926 Commodity: Iron Ore Reference: 8729 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A13SW (S)	34	5	305447 181956
48	Potential Mining Areas Name: Mwyndy Ceased Operation: 1884 Commodity: Iron Ore Reference: 1720 Alternate: Capper's Name/Mine: Alternate: Llynsaer Name/Mine: Custodian: Not Supplied	A13SW (S)	34	5	305447 181956
49	Potential Mining Areas Name: Torycoed Ceased Operation: 1914 Commodity: Coal; No.1 Rhondda; No.2 Rhondda; No.3 Rhondda Reference: 6277 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A19SW (NE)	536	5	305892 182751
50	Potential Mining Areas Name: Torycoed Ceased Operation: 1900 Commodity: Coal; Rock Fawr; White Rock Reference: 4606 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A14NE (E)	739	5	306285 182341

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Extractive Industries or Potential Excavations from 1855-1909 Use: Trial Shaft First Map Published 1877 Date: Last Map Published Not Applicable Date:	A13NE (N)	0	-	305472 182258
52	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1899 Date: Last Map Published Not Applicable Date:	A13NE (N)	0	-	305480 182345
53	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1899 Date: Last Map Published Not Applicable Date:	A13NE (N)	0	-	305490 182310
54	Extractive Industries or Potential Excavations from 1893-1915 Use: Well First Map Published 1899 Date: Last Map Published Not Applicable Date:	A13SE (SE)	22	-	305592 182118
55	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1899 Date: Last Map Published Not Applicable Date:	A13SE (S)	27	-	305496 181981
56	Extractive Industries or Potential Excavations from 1893-1915 Use: Limekiln First Map Published 1900 Date: Last Map Published Not Applicable Date:	A13SE (S)	63	-	305520 181945
57	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Embankment First Map Published 1919 Date: Last Map Published 1920 Date:	A13NE (N)	0	-	305492 182312
58	Extractive Industries or Potential Excavations from 1906-1937 Use: Cemetery First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13SW (W)	9	-	305357 182175
59	Extractive Industries or Potential Excavations from 1906-1937 Use: Well First Map Published 1920 Date: Last Map Published Not Applicable Date:	A13SE (SE)	25	-	305594 182122
60	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Embankment First Map Published 1919 Date: Last Map Published 1920 Date:	A13SE (S)	34	-	305480 181970
61	Extractive Industries or Potential Excavations from 1906-1937 Use: Limekiln First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13SE (S)	64	-	305521 181945

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<p>Extractive Industries or Potential Excavations from 1924-1949</p> <p>Use: Railway Embankment First Map Published 1940 Date: Last Map Published Not Applicable Date:</p>	A13NE (NE)	0	-	305506 182306
63	<p>Extractive Industries or Potential Excavations from 1924-1949</p> <p>Use: Railway Embankment First Map Published 1940 Date: Last Map Published Not Applicable Date:</p>	A13NE (N)	3	-	305480 182356
64	<p>Extractive Industries or Potential Excavations from 1924-1949</p> <p>Use: Cemetery First Map Published 1940 Date: Last Map Published Not Applicable Date:</p>	A13SW (W)	9	-	305358 182175
65	<p>Extractive Industries or Potential Excavations from 1924-1949</p> <p>Use: Limekiln First Map Published 1941 Date: Last Map Published Not Applicable Date:</p>	A13SE (S)	54	-	305519 181955
66	<p>Extractive Industries or Potential Excavations from 1950-1980</p> <p>Use: Railway Embankment First Map Published 1962 Date: Last Map Published N/A Date:</p>	A13NE (N)	0	-	305487 182314
67	<p>Extractive Industries or Potential Excavations from 1950-1980</p> <p>Use: Cemetery First Map Published 1962 Date: Last Map Published N/A Date:</p>	A13SW (W)	13	-	305353 182176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Air Shafts Use: Not Supplied Date of Mapping: 1885	A12NW (W)	619	-	304722 182185
69	General Quarrying Use: Not Supplied Date of Mapping: 1900 - 1951	A8NW (S)	416	-	305323 181584
70	General Quarrying Use: Not Supplied Date of Mapping: 1900 - 1951	A8NW (S)	454	-	305238 181570
71	General Quarrying Use: Not Supplied Date of Mapping: 1900	A8SW (S)	527	-	305355 181467
72	General Quarrying Use: Not Supplied Date of Mapping: 1885	A7SE (SW)	661	-	305066 181426
73	General Quarrying Use: Not Supplied Date of Mapping: 1951 - 1993	A8SW (S)	665	-	305270 181341
74	General Quarrying Use: Not Supplied Date of Mapping: 1900	A9NE (SE)	674	-	306194 181816
75	General Quarrying Use: Not Supplied Date of Mapping: 1885	A7SE (SW)	727	-	305036 181367
76	General Quarrying Use: Not Supplied Date of Mapping: 1900	A8SE (S)	742	-	305660 181278
77	General Quarrying Use: Not Supplied Date of Mapping: 1900	A8SE (S)	748	-	305757 181293
78	General Quarrying Use: Not Supplied Date of Mapping: 1921	A9SW (SE)	777	-	305909 181324
79	General Quarrying Use: Not Supplied Date of Mapping: 1885	A9NE (SE)	805	-	306297 181726
80	General Quarrying Use: Not Supplied Date of Mapping: 1900	A8SE (S)	809	-	305664 181210
81	General Quarrying Use: Not Supplied Date of Mapping: 1921	A8SE (S)	828	-	305783 181217
82	General Quarrying Use: Not Supplied Date of Mapping: 1900 - 1921	A7SE (SW)	837	-	304907 181321
83	General Quarrying Use: Not Supplied Date of Mapping: 1921	A9SW (SE)	850	-	306003 181294
84	General Quarrying Use: Not Supplied Date of Mapping: 1885 - 1947	A23SE (N)	854	-	305504 183227
85	General Quarrying Use: Not Supplied Date of Mapping: 1900	A9SW (SE)	876	-	306101 181333
86	General Quarrying Use: Not Supplied Date of Mapping: 1885	A23SE (N)	944	-	305621 183310
87	General Quarrying Use: Not Supplied Date of Mapping: 1885 - 1900	A7SE (SW)	951	-	304892 181193
88	General Quarrying Use: Not Supplied Date of Mapping: 1921 - 1951	A7SE (SW)	958	-	304890 181185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	General Quarrying Use: Not Supplied Date of Mapping: 1885	A19NW (NE)	965	-	306089 183146
90	General Quarrying Use: Not Supplied Date of Mapping: 1885	A19NE (NE)	999	-	306212 183086
91	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A8NE (S)	422	-	305624 181597
92	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1921	A13SE (S)	16	-	305487 181988
93	Mineral Railway Use: Not Supplied Date of Mapping: 1900	A13SE (S)	25	-	305494 181983
94	Mineral Railway Use: Not Supplied Date of Mapping: 1900 - 1921	A13SW (S)	37	-	305443 181960
95	Mineral Railway Use: Not Supplied Date of Mapping: 1921	A8NE (S)	300	-	305625 181722
96	Mineral Railway Use: Not Supplied Date of Mapping: 1900 - 1921	A8NW (S)	379	-	305251 181647
97	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A8NE (SE)	458	-	305764 181609
98	Mineral Railway Use: Not Supplied Date of Mapping: 1921	A8NW (SW)	522	-	305115 181560
99	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1921	A9NW (SE)	615	-	305900 181509
100	Mineral Railway Use: Not Supplied Date of Mapping: 1921	A18NW (N)	770	-	305306 183114
101	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A13SW (S)	28	-	305447 181962
102	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A8NW (S)	201	-	305340 181802
103	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A14NW (NE)	317	-	305803 182499
104	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A14NW (E)	376	-	305917 182350
105	Mining & quarrying general Use: Not Supplied Date of Mapping: 1947	A18NW (N)	652	-	305383 183012
106	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A9NE (SE)	749	-	306222 181690
107	Mining & quarrying general Use: Not Supplied Date of Mapping: 1900	A14SE (E)	761	-	306302 181861
108	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A12SW (W)	855	-	304558 181906
109	Mining & quarrying general Use: Not Supplied Date of Mapping: 1900	A10NW (E)	963	-	306494 181797

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Mining & quarrying general Use: Not Supplied Date of Mapping: 1900	A10NW (E)	990	-	306510 181760
110	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A13NE (N)	0	-	305461 182257
111	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1900	A19NW (NE)	701	-	305929 182936
112	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A14NE (E)	728	-	306278 182313
113	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A11NE (W)	914	-	304421 182191
114	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NE (N)	0	-	305461 182257
115	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (S)	28	-	305447 181962
116	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NW (S)	201	-	305340 181802
117	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NW (NE)	317	-	305803 182499
118	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NW (E)	376	-	305917 182350
119	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SW (S)	527	-	305355 181467
120	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NW (W)	619	-	304722 182185
121	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18NW (N)	652	-	305383 183012
122	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9SW (SE)	700	-	306021 181497
123	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19NW (NE)	701	-	305929 182936
124	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NE (E)	728	-	306278 182313
125	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9SW (SE)	777	-	305909 181324
126	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SE (S)	828	-	305783 181217
127	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NE (SE)	831	-	306330 181735
128	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9SW (SE)	850	-	306003 181294
129	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SW (W)	855	-	304558 181906

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A23SE (N)	861	-	305492 183234
131	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A11NE (W)	914	-	304421 182191
132	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A23SE (N)	944	-	305621 183310
133	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A10NW (E)	963	-	306494 181797
134	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A10NW (E)	990	-	306510 181760
135	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A15NW (E)	997	-	306540 182384
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A12NE (W)	241	-	305090 182274
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A17SE (NW)	463	-	305020 182687
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A12NE (NW)	491	-	304867 182518
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A18NE (N)	502	-	305627 182861
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A17SE (NW)	545	-	304865 182633
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A18NE (N)	552	-	305704 182890
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NW (N)	609	-	305398 182971
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A18NE (N)	672	-	305729 183008
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A17SW (NW)	688	-	304680 182581
145	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	699	-	305758 183026
146	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18NE (N)	713	-	305518 183086
147	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18NE (N)	764	-	305527 183136
148	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A17SW (NW)	764	-	304666 182728
149	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NE (E)	797	-	306342 182356
150	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A17NE (NW)	855	-	304902 183082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947</p>	A14SE (E)	857	-	306427 182005
152	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900</p>	A19NW (NE)	874	-	305965 183119
153	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921</p>	A17NE (NW)	925	-	304790 183094
154	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947</p>	A17SW (NW)	978	-	304453 182783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
155	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187
156	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	204	1	305436 182571
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305542 182189
157	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305542 182189
158	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	139	1	305595 181881
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	204	1	305436 182571
159	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	305503 182250
160	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187
161	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	42	1	305338 182137
162	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	57	1	305633 182157
163	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	172	1	305316 181846
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	36	1	305413 182391
164	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	305503 182250
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	42	1	305338 182137
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	172	1	305316 181846
165	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305542 182189
166	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	204	1	305436 182571
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	305503 182250
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	42	1	305338 182137
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	172	1	305316 181846
168	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	305452 182187
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	305503 182250
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	42	1	305338 182137
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	172	1	305316 181846

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Glamorganshire	036_14	1874
Glamorganshire	042_01	1876
Glamorganshire	036_13	1877
Glamorganshire	042_02	1877
Glamorganshire	036_13	1899
Glamorganshire	036_14	1899
Glamorganshire	042_01	1900
Glamorganshire	042_02	1900
Glamorganshire	036_13	1919
Glamorganshire	042_01	1919
Glamorganshire	042_02	1919
Glamorganshire	036_14	1920
Glamorganshire	036_13	1940
Glamorganshire	036_14	1940
Glamorganshire	042_01	1941
Glamorganshire	042_02	1941
Ordnance Survey Plan	ST0581	1962
Ordnance Survey Plan	ST0582	1962

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Glamorganshire	036_00	1885
Glamorganshire	042_00	1885
Glamorganshire	036_SW	1900
Glamorganshire	042_NW	1900
Glamorganshire	036_SW	1921
Glamorganshire	042_NW	1921
Glamorganshire	036_SW	1947
Glamorganshire	042_NW	1951
Ordnance Survey Plan	ST08SE	1964
Ordnance Survey Plan	ST08SW	1965
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	ST08SE	1993
Ordnance Survey Plan	ST08SW	1993

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2023	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2023	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	 wardell armstrong <i>your earth our world</i>
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
3	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
4	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
5	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

General

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

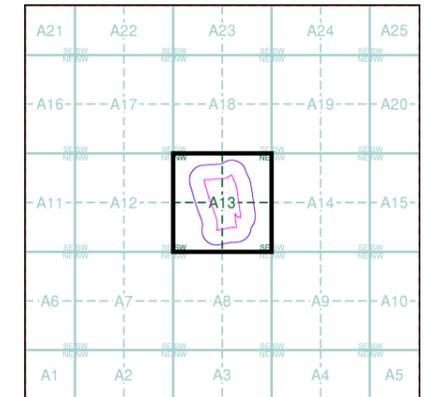
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▩
Extractive Industries Activity from 1924 - 1949	▲	—	▧
Extractive Industries Activity from 1950 - 1980	▲	—	▨

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

Mining and Ground Stability - Segment A13

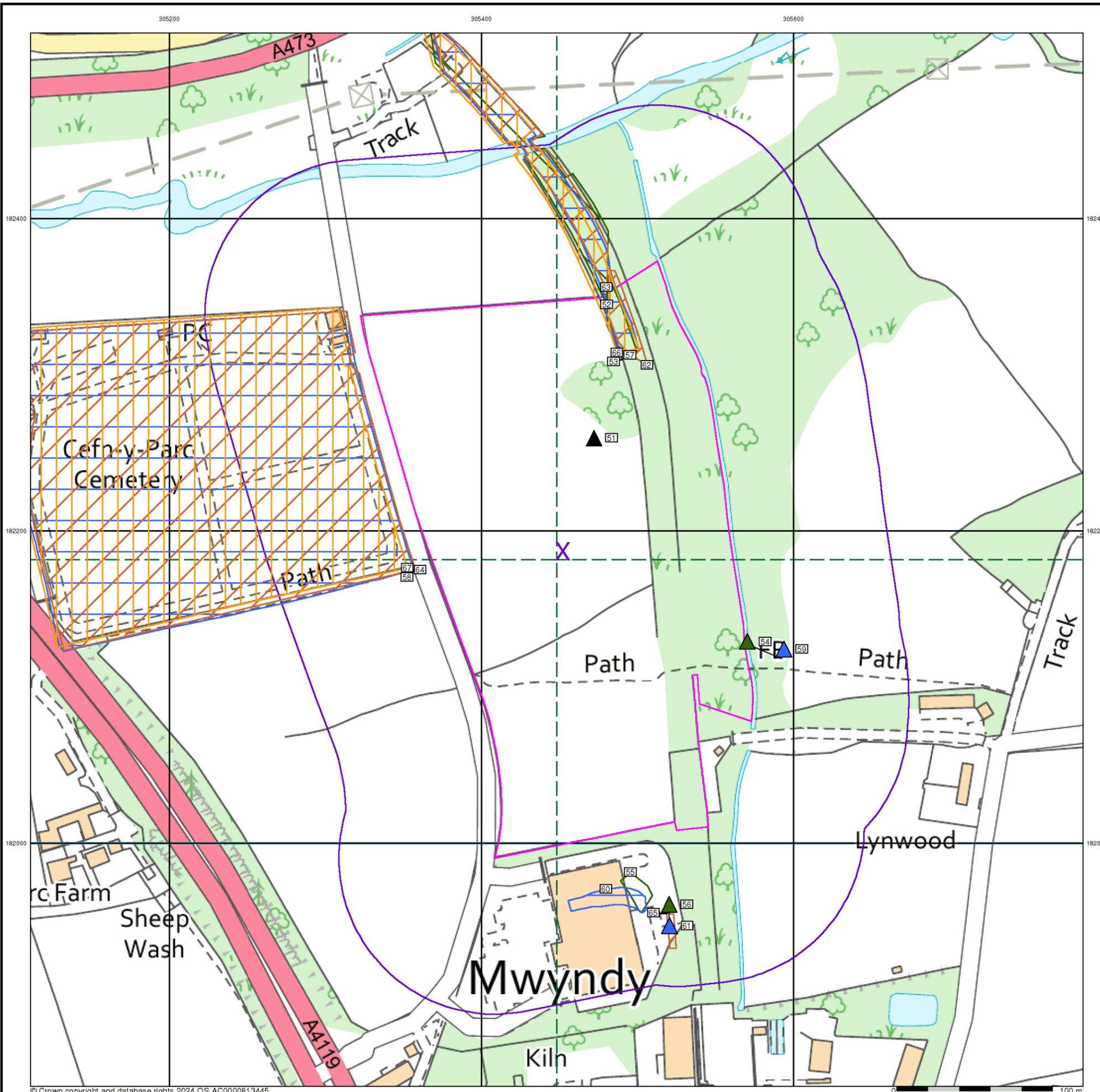


Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Plot Buffer (m): 100

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



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Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts	◆	—	
Disturbed Ground	◆	—	
General Quarrying	◆	—	
Heap, unknown constituents	◆	—	
Mineral Railway	◆	—	
Mining and Quarrying General	◆	—	
Mining of Coal & Lignite	◆	—	
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits	◆	—	

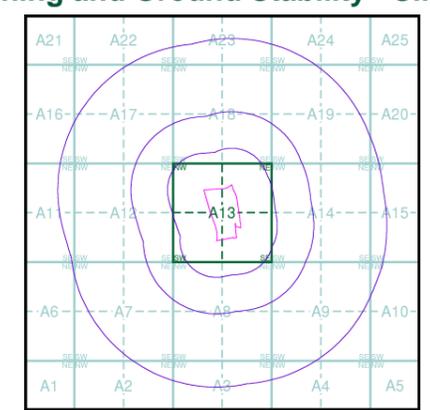
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)	●	- - -	
Potentially Infilled Land (Water)	●	- - -	
Former Marsh	✕		

Mining Data

- Potential Mining Area
- ▼ BGS Recorded Mineral Site

Mining and Ground Stability - Slice A

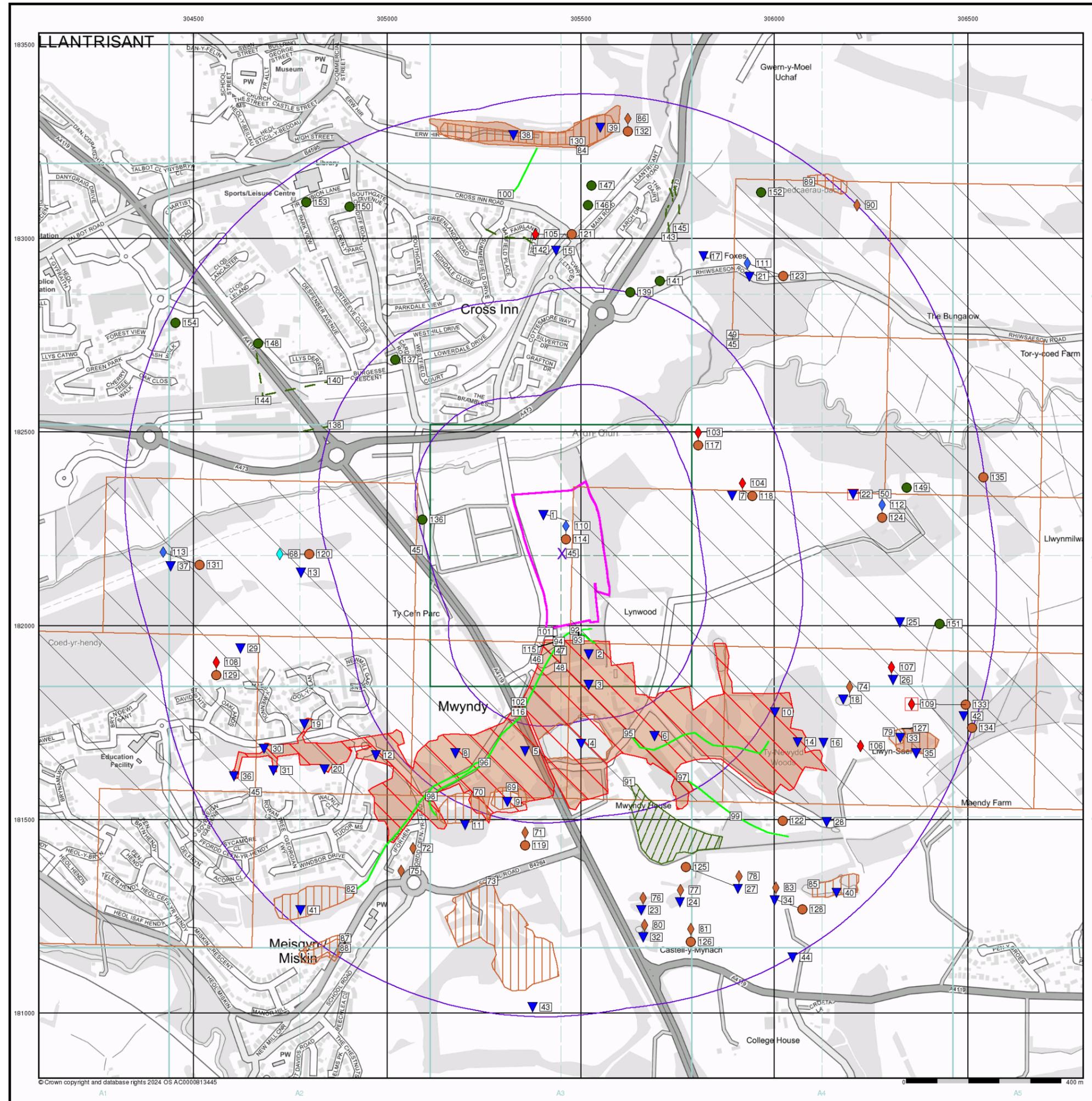


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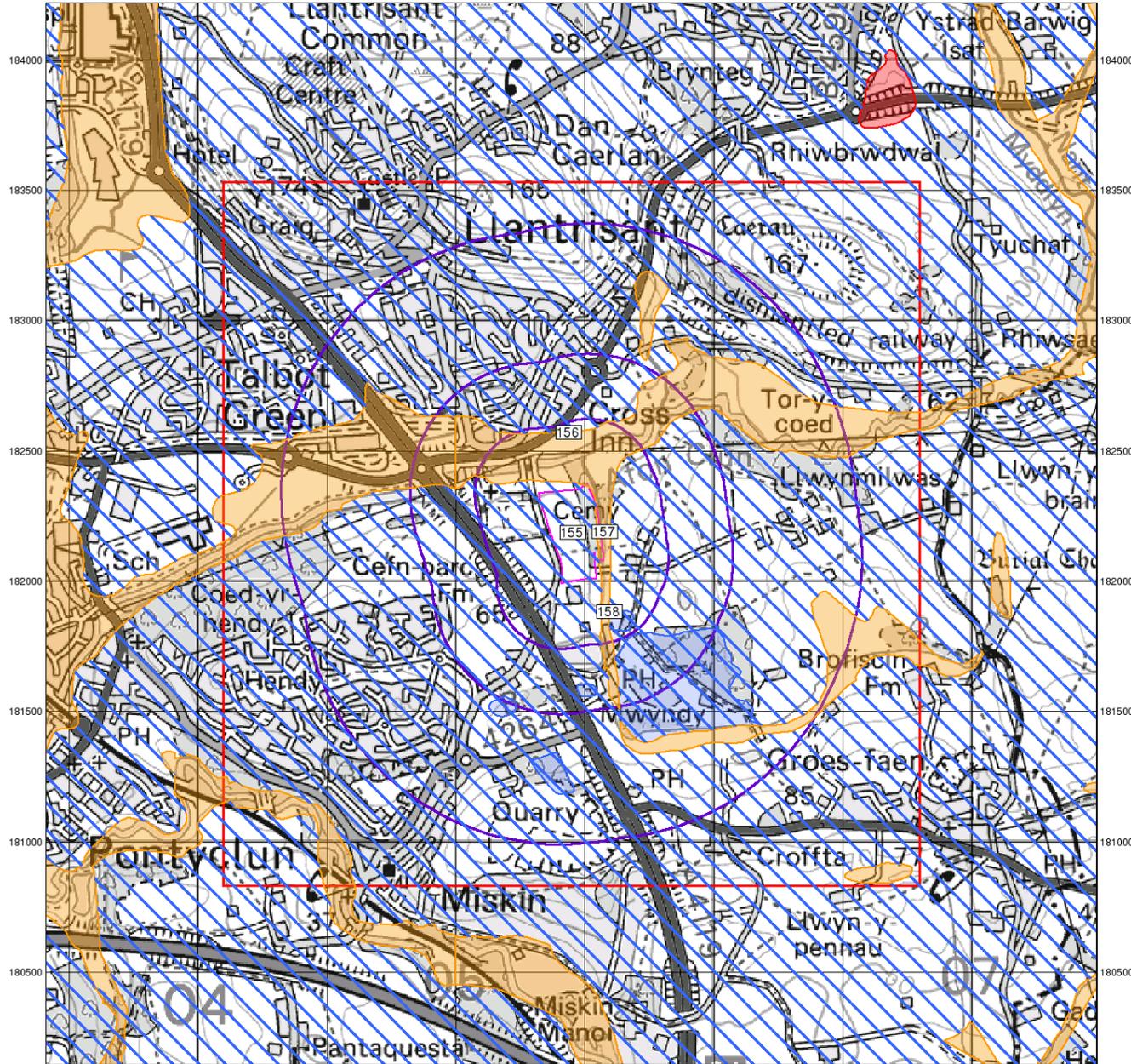
Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



303500 304000 304500 305000 305500 306000 306500 307000



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Intégral Géotechnique

Ground Stability Data (1:50,000)

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

Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

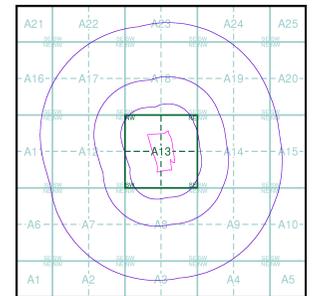
Potential for Collapsible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature
- Point Polygon
- ▲
 - ▲
 - ▧
 - ▧

Mining and Ground Stability - Slice A



Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

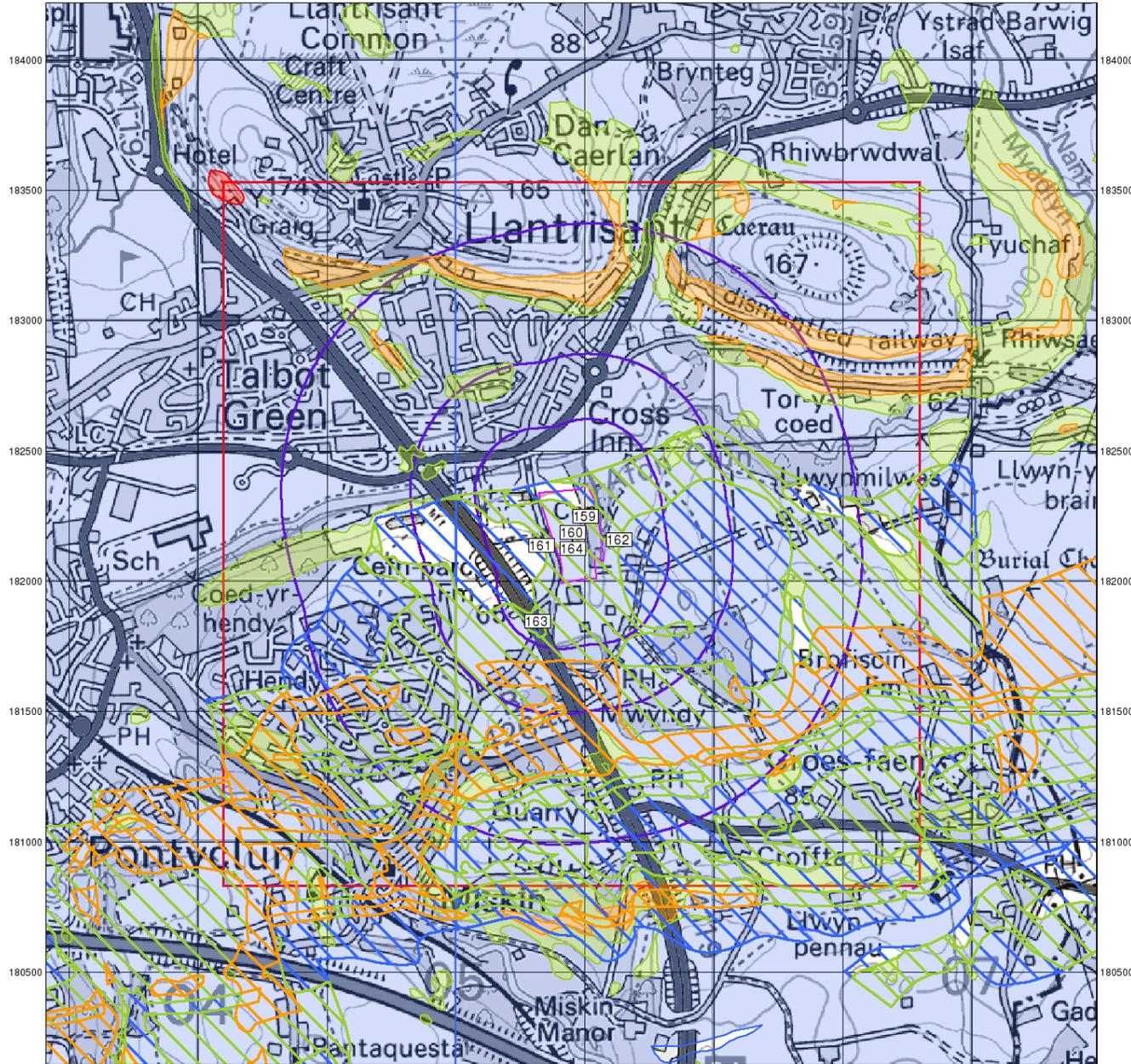
Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

Landmark
 INFORMATION GROUP

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

303500 304000 304500 305000 305500 306000 306500 307000



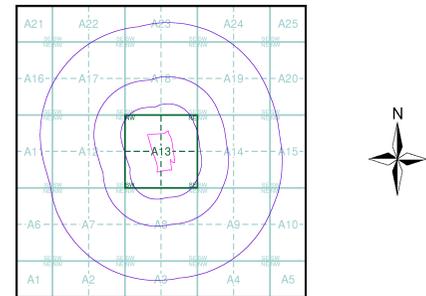
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Ground Stability Data (1:50,000)

- General**
- ◇ Specified Site
 - ◇ Specified Buffer(s)
 - X Bearing Reference Point
 - Slice
 - Map ID
- Potential for Landslide Ground Stability Hazards**
- High
 - Moderate
 - Low
 - Very Low
- Potential for Ground Dissolution Stability Hazards**
- High
 - Moderate
 - Low
 - Very Low

Mining and Ground Stability - Slice A



Order Details

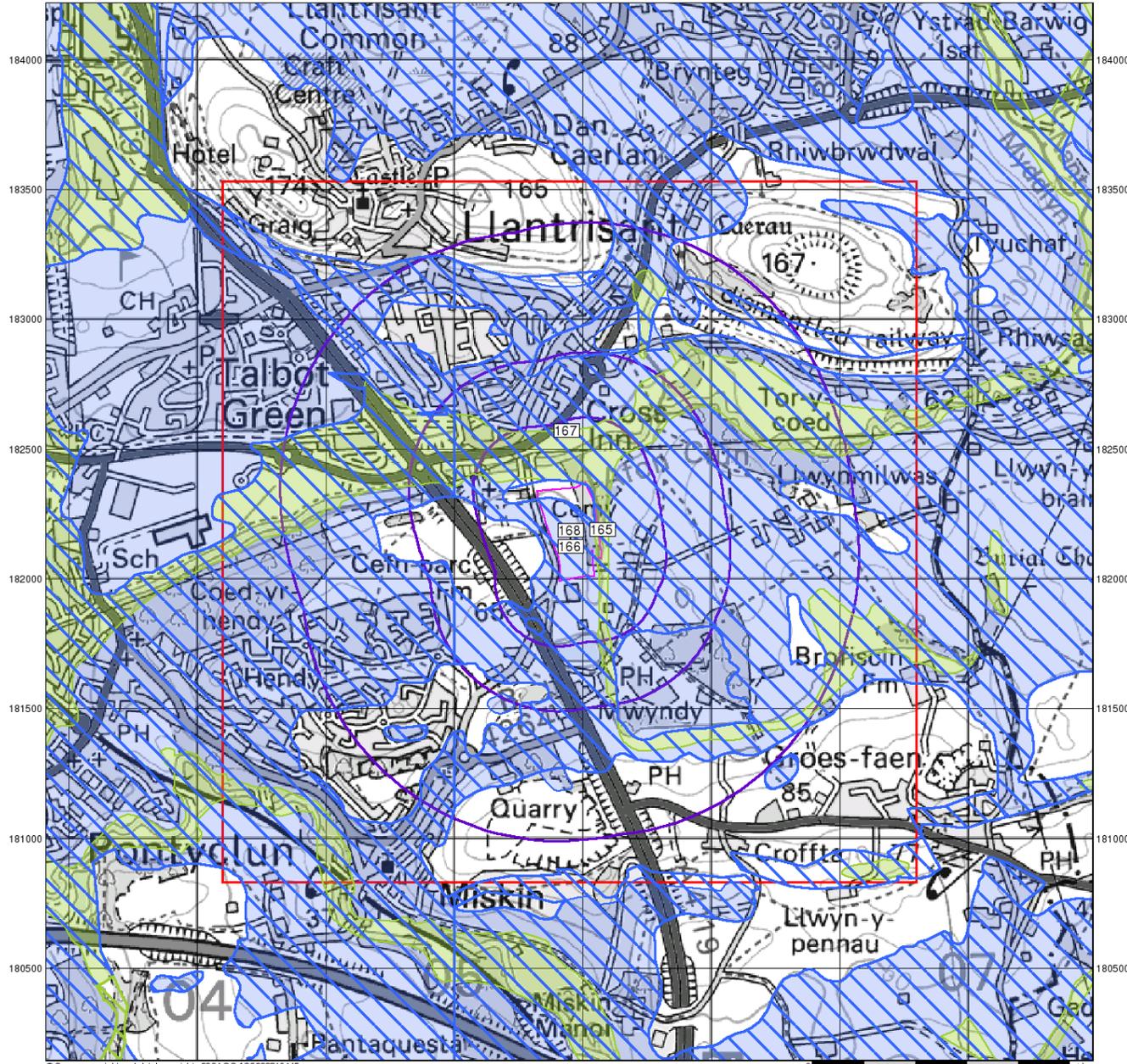
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 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

Site Details
 Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

Landmark
 INFORMATION GROUP

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

303500 304000 304500 305000 305500 306000 306500 307000



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Intégral Géotechnique

Ground Stability Data (1:50,000)

General
 ◊ Specified Site ◊ Specified Buffer(s) X Bearing Reference Point
 □ Slice □ Map ID

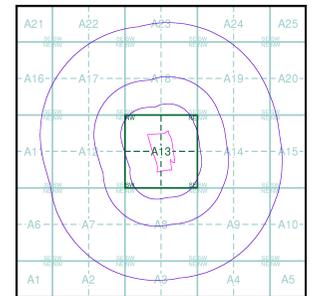
Potential for Running Sand Ground Stability Hazards

High (Red) Low (Light Green)
 Moderate (Orange) Very Low (Blue)

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High (Red Hatched) Low (Light Green Hatched)
 Moderate (Orange Hatched) Very Low (Blue Hatched)

Mining and Ground Stability - Slice A



Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

Landmark
 INFORMATION GROUP

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

Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

MR H Pritchard, Integral Geotechnique, Integral House, 7 Beddau Way, Castlegate Business Park, Caerphilly, CF83 2AX

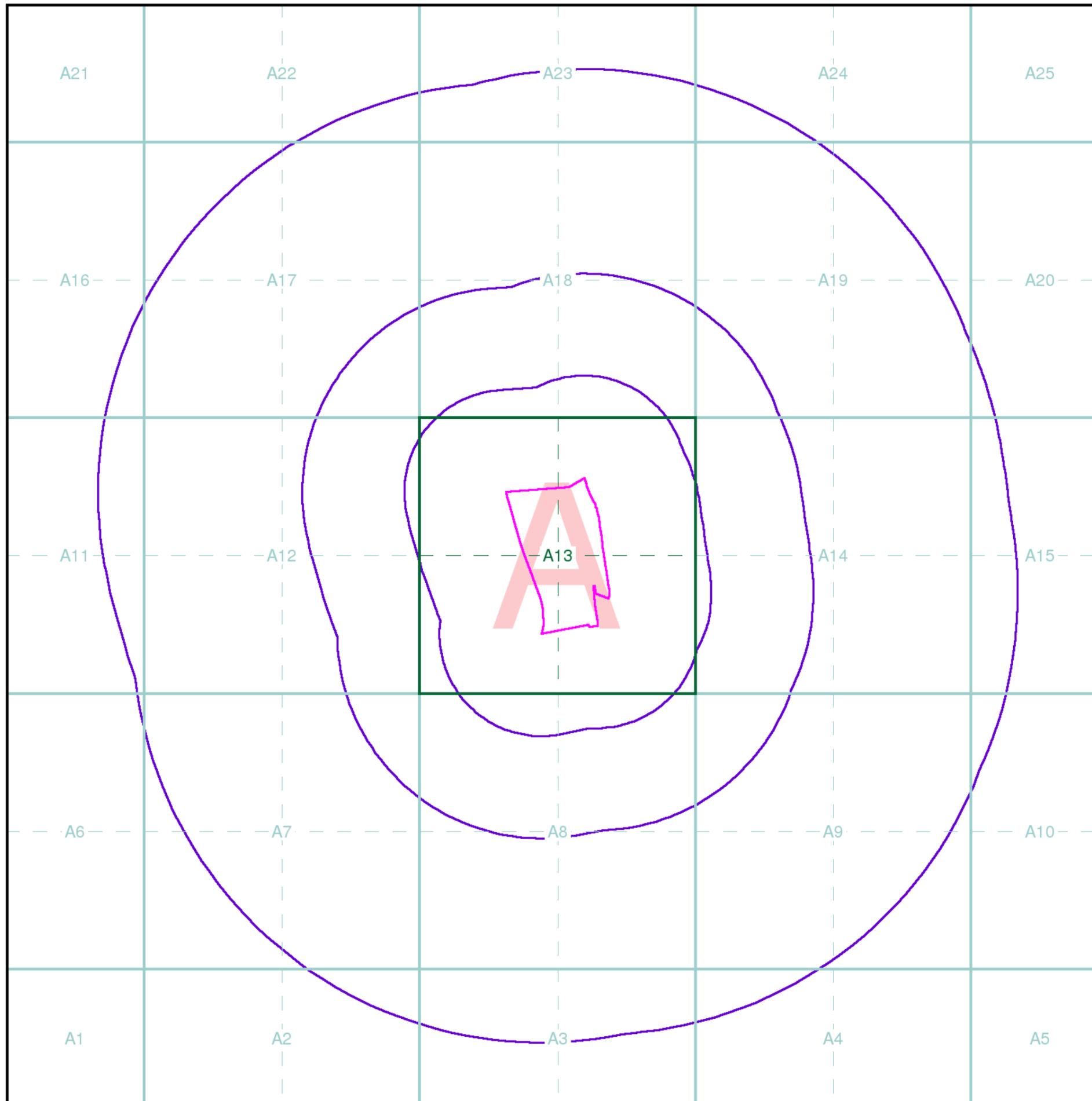
Order Details

Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305460, 182190
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN

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



APPENDIX B

BGS RADON GEOREPORT

Laura Pullin
Integral Geotechnique (Wales) Ltd
Integral House
7 Beddau Way
Caerphilly
CF83 2AX

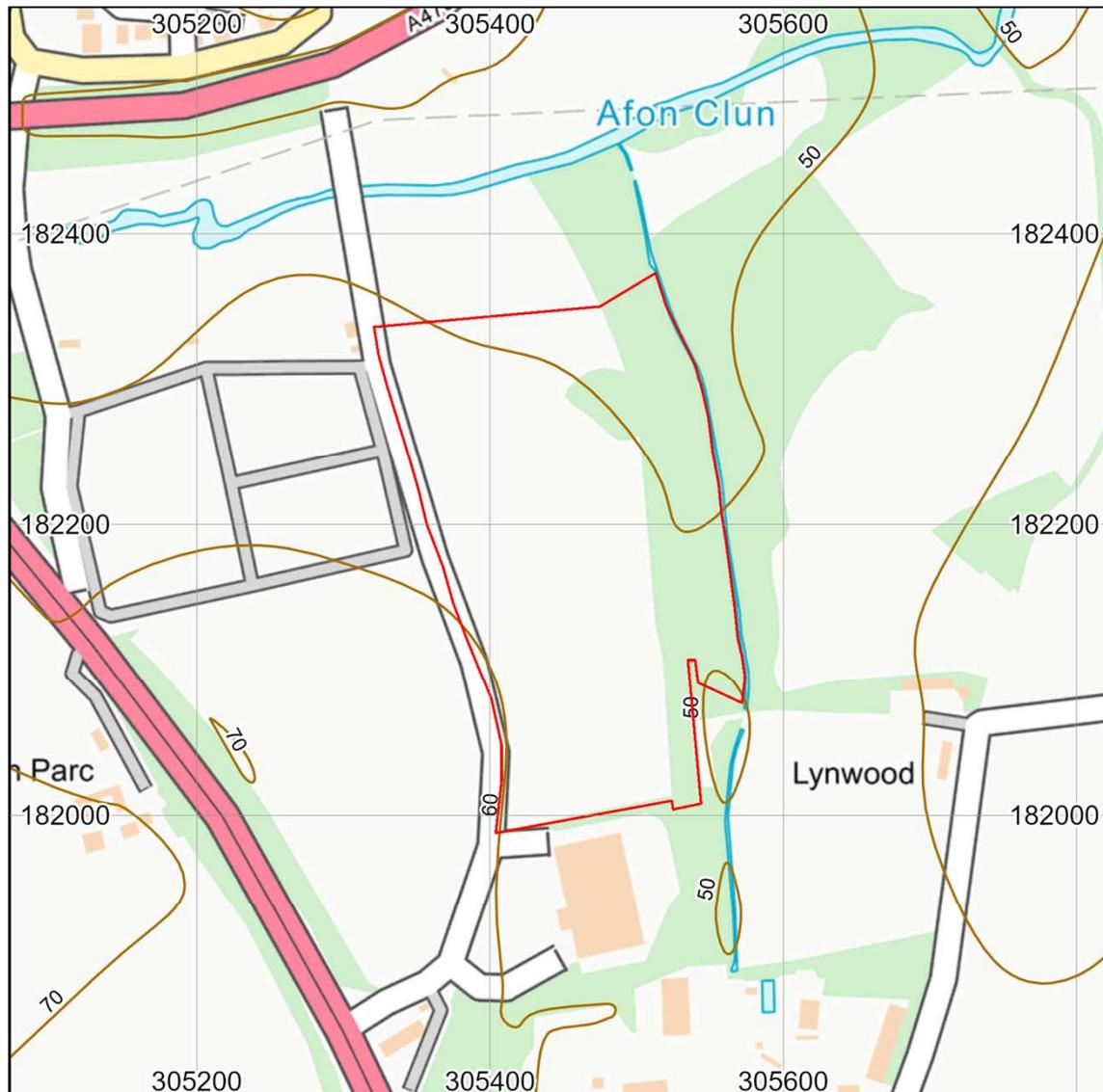
Radon Report

Advisory report on the requirement for radon protective measures in new buildings, conversions and extensions to existing buildings. The report also indicates whether a site is located within a radon Affected Area

Report Id: *BGS_340742/57624*

Client reference: 14391 Plot 2 Talbot Green

Search location



Contains OS data © Crown Copyright and database right 2024. OS OpenMap Local: Scale: 1:5 000 (1cm = 50 m)

Search location indicated in red

This report describes a site located at National Grid Reference 305448, 182180. Note that for sites of irregular shape, this point may lie outside the site boundary. Where the client has submitted a site plan the assessment will be based on the area given.

Radon Report: UK

When extensions are made to existing buildings in high radon areas, or new buildings are constructed in these areas, the Building Regulations for England, Wales, Scotland and Northern Ireland require that protective measures are taken against radon entering the building.

This report provides information on whether radon protective measures are required. Depending on the probability of buildings having high radon levels, the Regulations may require either:

1. No protective measures
2. Basic protective measures
3. Full protective measures

This is an advisory report on the requirement for radon protective measures in new buildings, conversions and extensions. The report also indicates whether a site is located within a radon Affected Area

Requirement for radon protective measures

The determination below follows advice in *BR211 Radon: Guidance on protective measures for new buildings (2023 edition)*, which also provides guidance on what to do if the result indicates that protective measures are required.

Is the property in an area where radon protective measures are required for new buildings or extensions to existing ones as described in publication BR211 (2023 edition) Radon: Guidance on protective measures for new buildings?

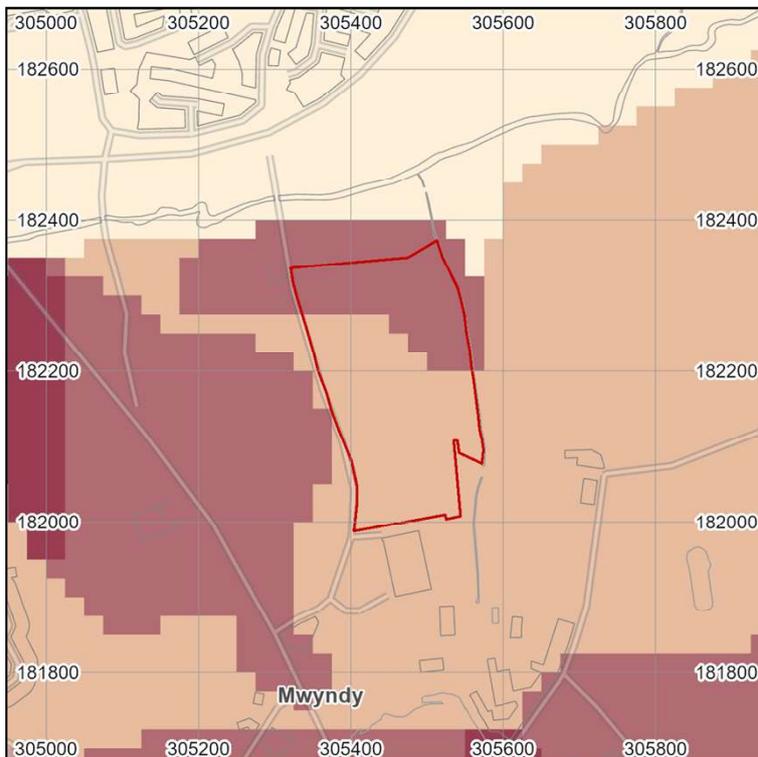
BASIC RADON PROTECTIVE MEASURES ARE REQUIRED FOR THE REPORT AREA.

More details of the protective measures required are available in *BR211 Radon: Guidance on protective measures for new buildings (2023 Edition)*.

Whether or not the radon level in a building is above or below the radon Action Level can only be established by having the building tested. The UKHSA provides a radon testing service which can be accessed at www.ukradon.org or by telephone (01235 822622).

If you require further information or guidance, you should contact your local authority building control officer or approved inspector.

Radon Affected Area



% Homes estimated to be at or above the action level
0-1%
1-3%
3-5%
5-10%
10-30%
30-100%

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 Scale: 1:10 000 (1cm = 100 m)

Search area indicated in red

Is the property in a radon Affected Area as defined by the UK Health Security Agency (UKHSA) and if so what percentage of homes are estimated to be at or above the Action Level? YES

Additional Information

THE PROPERTY IS IN A RADON AFFECTED AREA WHERE 5 TO 10% OF HOMES ARE ESTIMATED TO BE AT OR ABOVE THE ACTION LEVEL.

The UKHSA recommends a radon 'Action Level' of 200 Becquerels per cubic metre of air (Bq m^{-3}) for the annual average of the radon gas concentration in a home. Where 1% or more of homes are estimated to be at or above the Action Level the area should be regarded as a radon Affected Area.

This report informs you whether the property is in a radon Affected Area and the percentage of homes that are estimated to be at or above the radon Action Level at this location. Being in an Affected Area does not necessarily mean there is a high radon level within the property; the only way to determine the radon level is to carry out a radon measurement.

The UKHSA advises that radon gas should be measured in all properties within radon Affected Areas and that homes with radon levels at or above the Action Level (200 Bq m⁻³) should be remediated. Householders with levels between the Target Level (100 Bq m⁻³) and Action Level should seriously consider reducing their radon level, especially if they are at greater risk, such as if they are current or ex smokers. Whether or not a home is in fact above or below the Action Level or Target Level can only be established by having the building tested. The UKHSA provides a validated radon testing service which can be accessed at www.ukradon.org.

The information in this report provides an answer to one of the standard legal enquiries on house purchase in England and Wales, known as Law Society CON29 Enquiries of the Local Authority (2016); 3.14 Radon Gas: Do records indicate that the property is in a “Radon Affected Area” as identified by the UKHSA. The data can also be used to advise house buyers and sellers in Scotland and Northern Ireland.

If you are buying a new build property in a Radon Affected Area, you should ask the builder whether radon protective measures were incorporated in the construction of the property.

If you are buying a currently occupied property in a radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were at or above the radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and if the results of re-testing confirmed the effectiveness of the measures.

Further information on radon is available from the UKHSA at www.ukradon.org.

What is radon?

Radon is a naturally occurring radioactive gas, which is produced by the radioactive decay of radium which, in turn, is derived from the radioactive decay of uranium. Uranium is found in small quantities in all soils and rocks, although the amount varies from place to place. Radon released from rocks and soils is quickly diluted in the atmosphere. Concentrations in the open air are normally very low and do not present a hazard. Radon that enters enclosed spaces such as some buildings (particularly basements), caves, mines, and tunnels may reach high concentrations in some circumstances. The construction method and degree of ventilation will influence radon levels in individual buildings. A person's exposure to radon will also vary according to how particular buildings and spaces are used.

Inhalation of the radioactive decay products of radon gas increases the chance of developing lung cancer. If individuals are exposed to high concentrations for significant periods of time, there may be cause for concern. In order to limit the risk to individuals, the Government has adopted an Action Level for radon in homes of 200 becquerels per cubic metre (Bq m^{-3}). The Government advises householders that, where the radon level is at or above the Action Level, measures should be taken to reduce the concentration.

Radon in workplaces

The Ionising Radiation Regulations 2017 require employers to take action when radon is present above a defined level in the workplace. Advice may be obtained from your local Health and Safety Executive Area Office or the Environmental Health Department of your local authority. The BRE publishes a guide (BR293): **Radon in the workplace**. BRE publications may be obtained from the BRE Bookshop, Tel: 01923 664262, email: bookshop@bre.co.uk website: www.brebookshop.com

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Edinburgh Office

British Geological Survey
Lyell Centre
Research Avenue South
Edinburgh
EH14 4AP
Tel: 0131 6671000
Email: enquiry@bgs.ac.uk

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- Geological observations and interpretations are made according to the prevailing understanding of the subject at the time. The quality of such observations and interpretations may be affected by the availability of new data, by subsequent advances in knowledge, improved methods of interpretation, and better access to sampling locations.
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- Detail, which is clearly defined and accurately depicted on large-scale maps, may be lost when small-scale maps are derived from them.
- Although samples and records are maintained with all reasonable care, there may be some deterioration in the long term.
- The most appropriate techniques for copying original records are used, but there may be some loss of detail and dimensional distortion when such records are copied.
- Data may be compiled from the disparate sources of information at BGS's disposal, including material donated to BGS by third parties, and may not originally have been subject to any verification or other quality control process.
- Data, information and related records, which have been donated to BGS, have been produced for a specific purpose, and that may affect the type and completeness of the data recorded and any interpretation. The nature and purpose of data collection, and the age of the resultant material may render it unsuitable for certain applications/uses. You must verify the suitability of the material for your intended usage.
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- The topography shown on any map extracts is based on the latest OS mapping and is not necessarily the same as that used in the original compilation of the BGS geological map, and to which the geological linework available at that time was fitted.
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Report issued by
BGS Enquiry Service

APPENDIX C

CONSULTANTS COAL MINING REPORT