

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

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

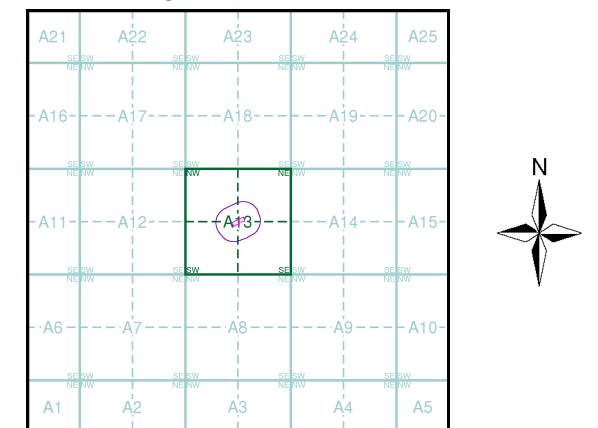


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	2
Glamorganshire	1:10,560	1900	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1936	5
Glamorganshire	1:10,560	1938 - 1952	6
Historical Aerial Photography	1:10,560	1949	7
Glamorganshire	1:10,560	1951	8
Ordnance Survey Plan	1:10,000	1964	9
Ordnance Survey Plan	1:10,000	1974	10
Ordnance Survey Plan	1:10,000	1980	11
Ordnance Survey Plan	1:10,000	1996	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2021	15

Historical Map - Slice A



Order Details

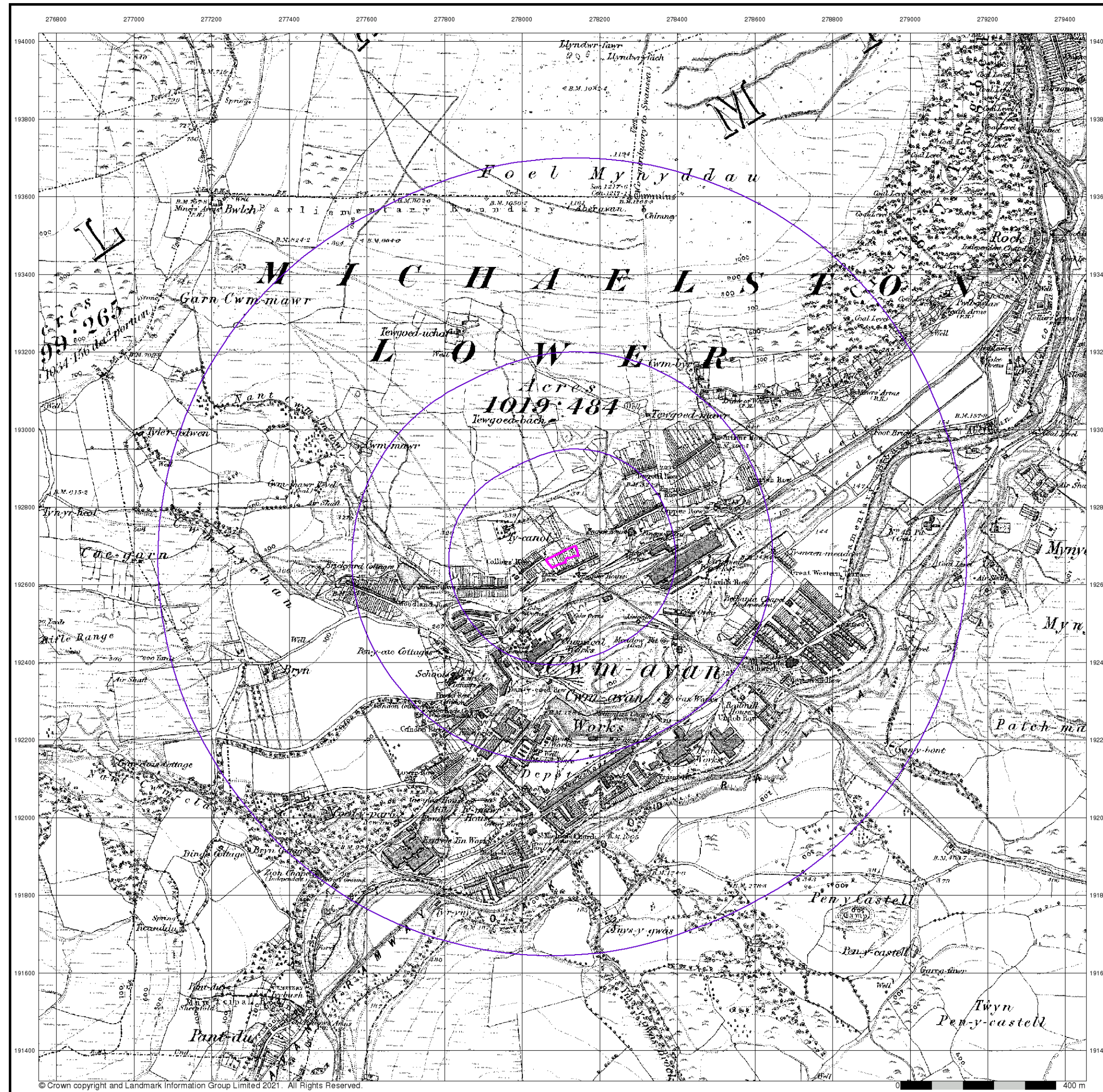
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Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW

Landmark
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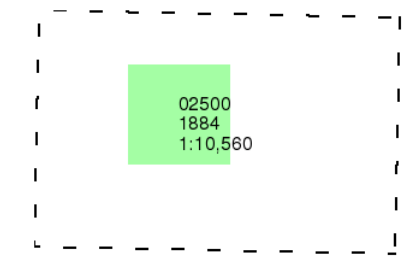
Glamorganshire

Published 1884

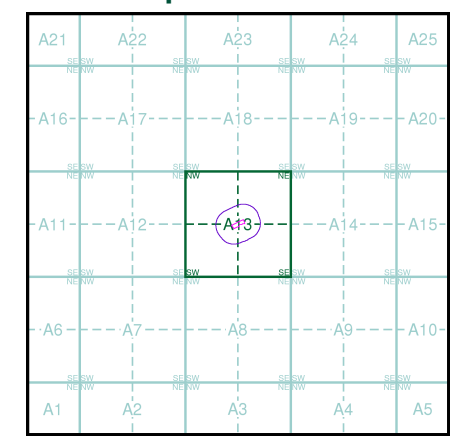
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

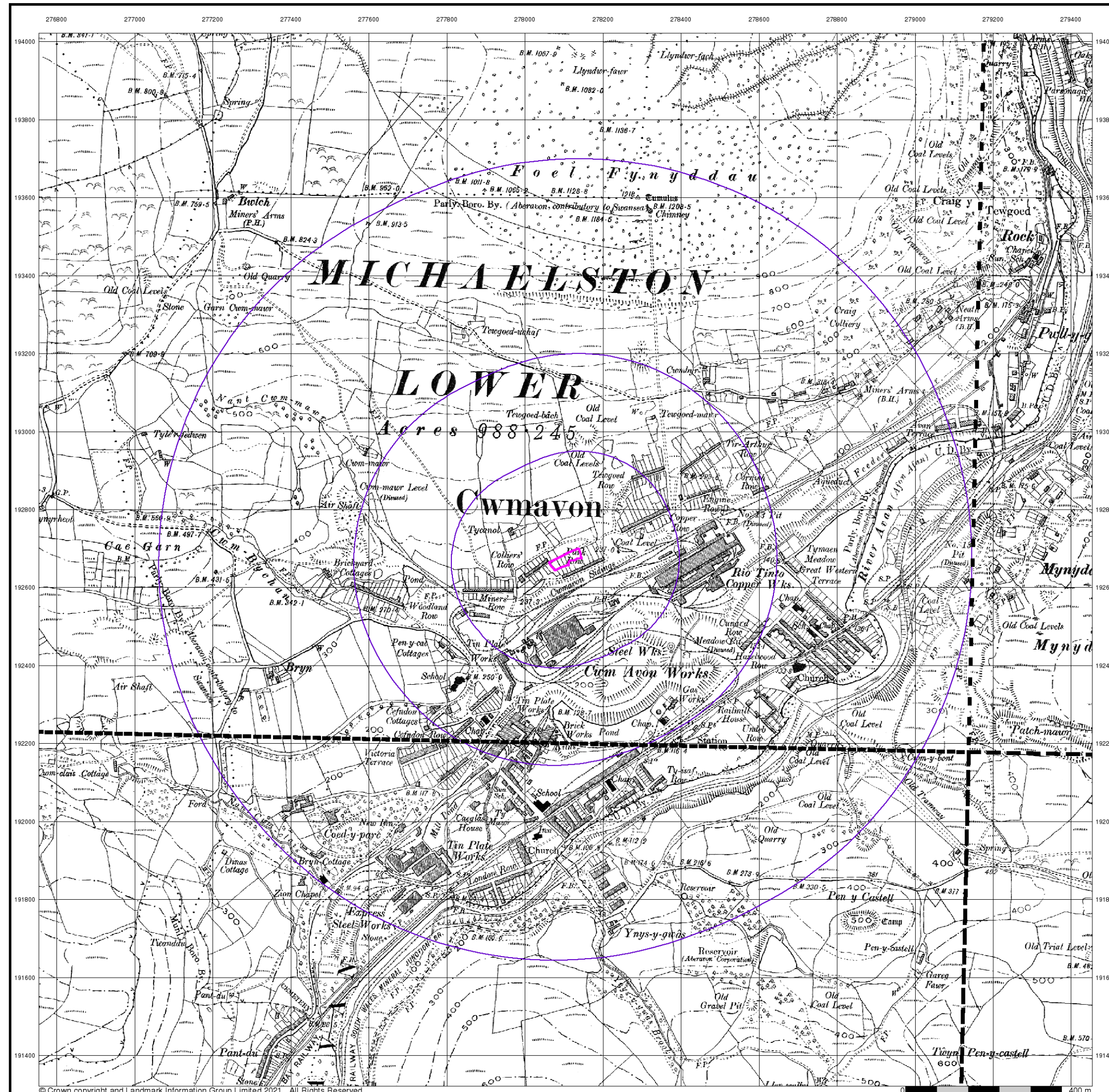
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Glamorganshire

Published 1900

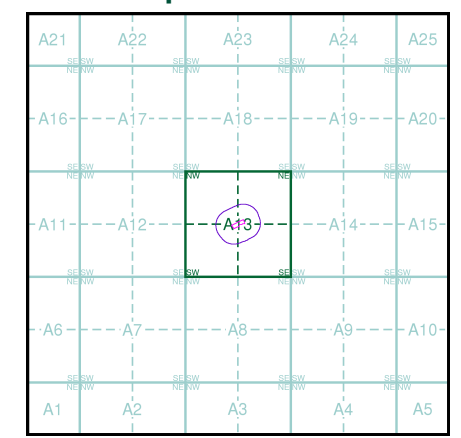
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025NW 1900 1:10,560	025NE 1900 1:10,560
025SW 1900 1:10,560	025SE 1900 1:10,560

Historical Map - Slice A



Order Details

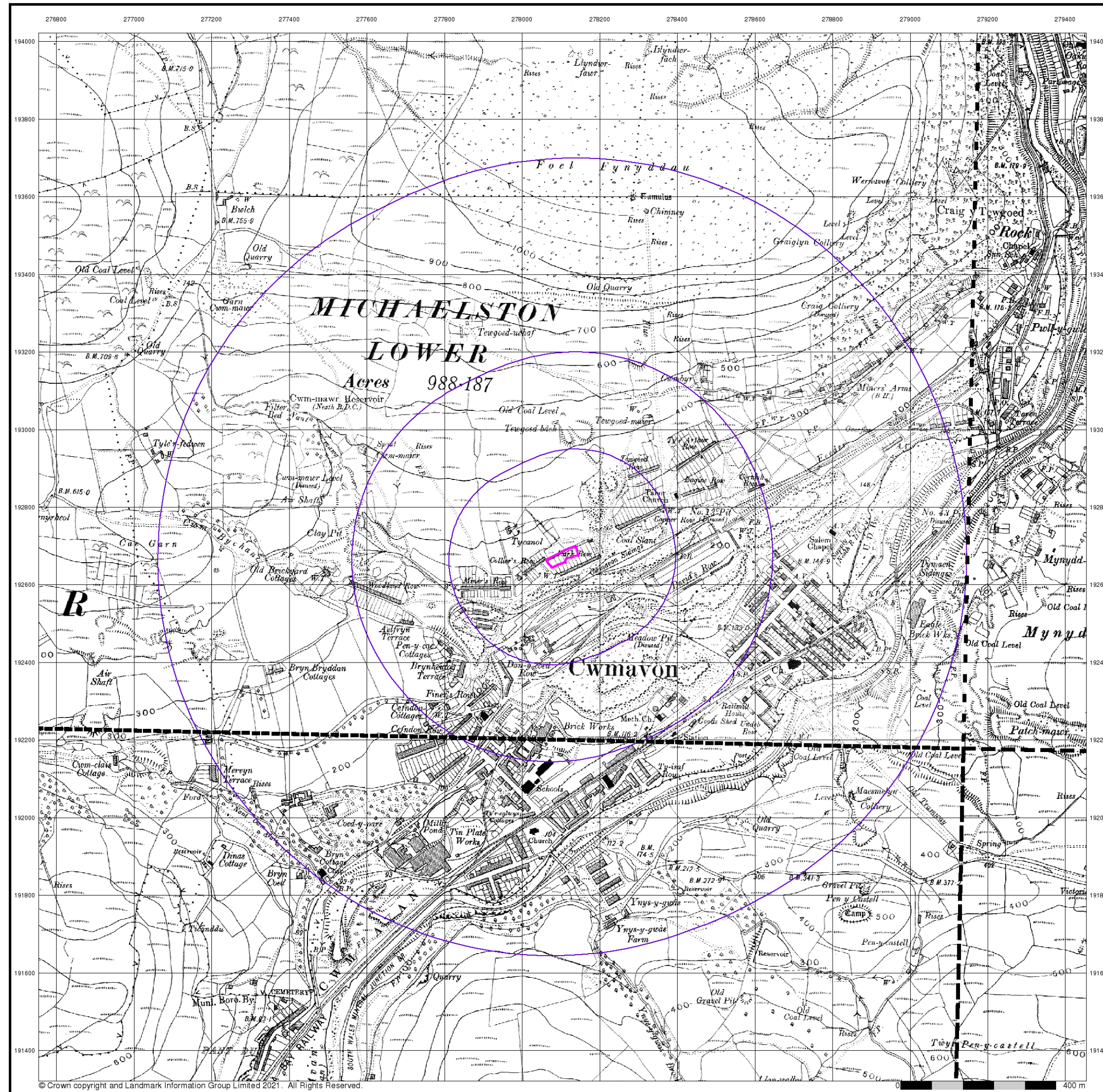
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Glamorganshire

Published 1921

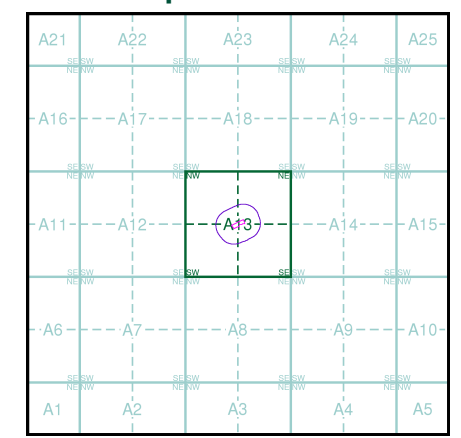
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Map Name(s) and Date(s)

025NW 1921 1:10,560	025NE 1921 1:10,560
025SW 1921 1:10,560	025SE 1921 1:10,560

Historical Map - Slice A



Order Details

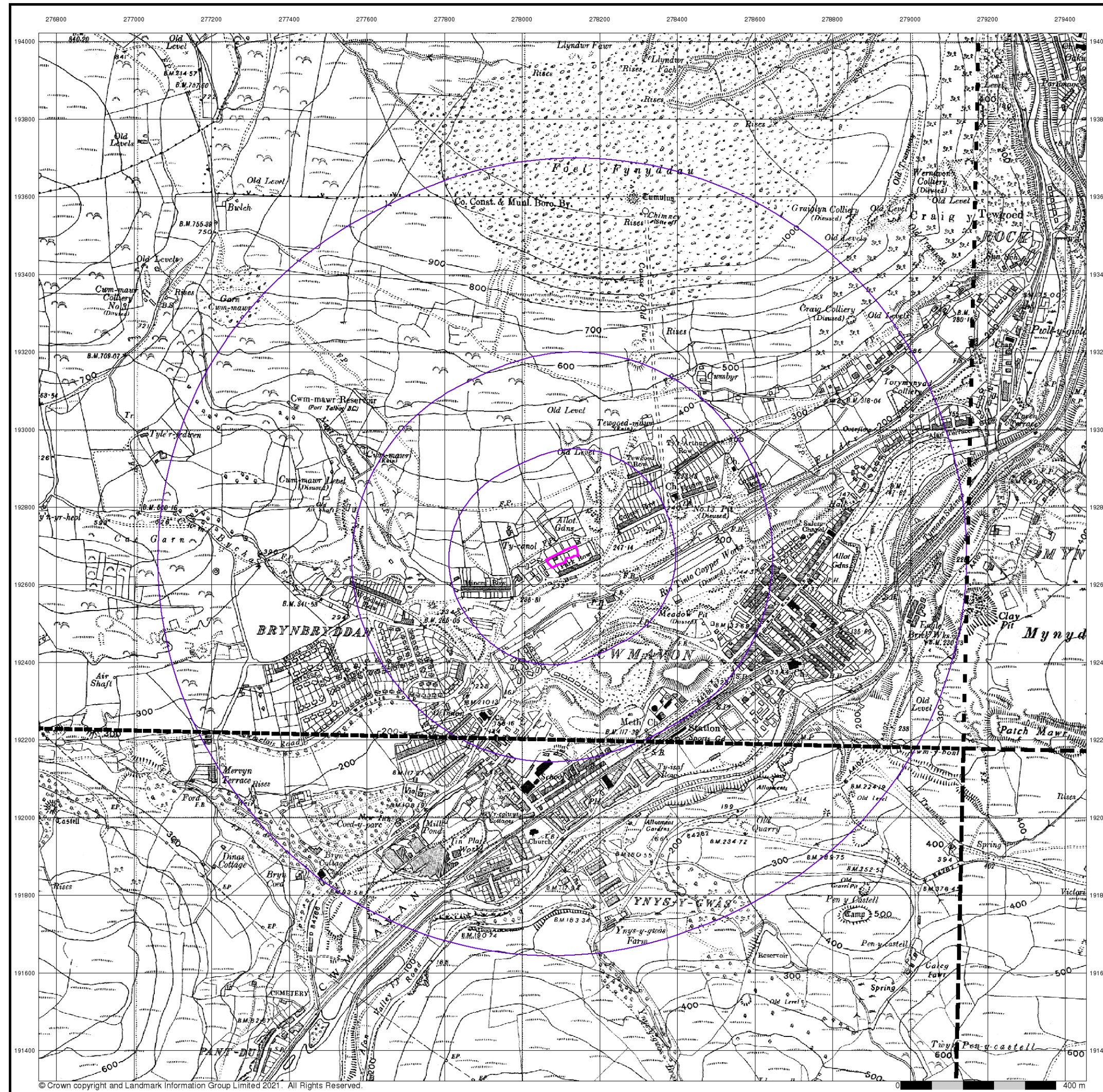
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Glamorganshire

Published 1938 - 1952

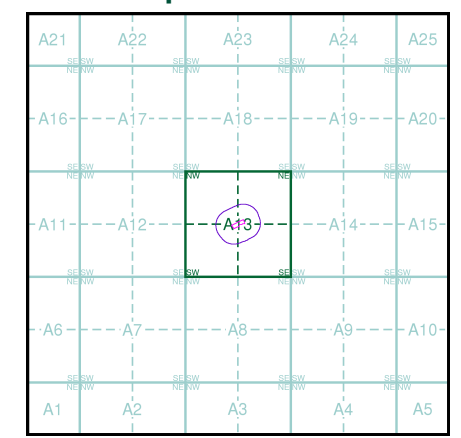
Source map scale - 1:10,560

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Map Name(s) and Date(s)

025NW 1951 1:10,560	025NE 1951 1:10,560
025SW 1952 1:10,560	025SE 1938 1:10,560

Historical Map - Slice A



Order Details

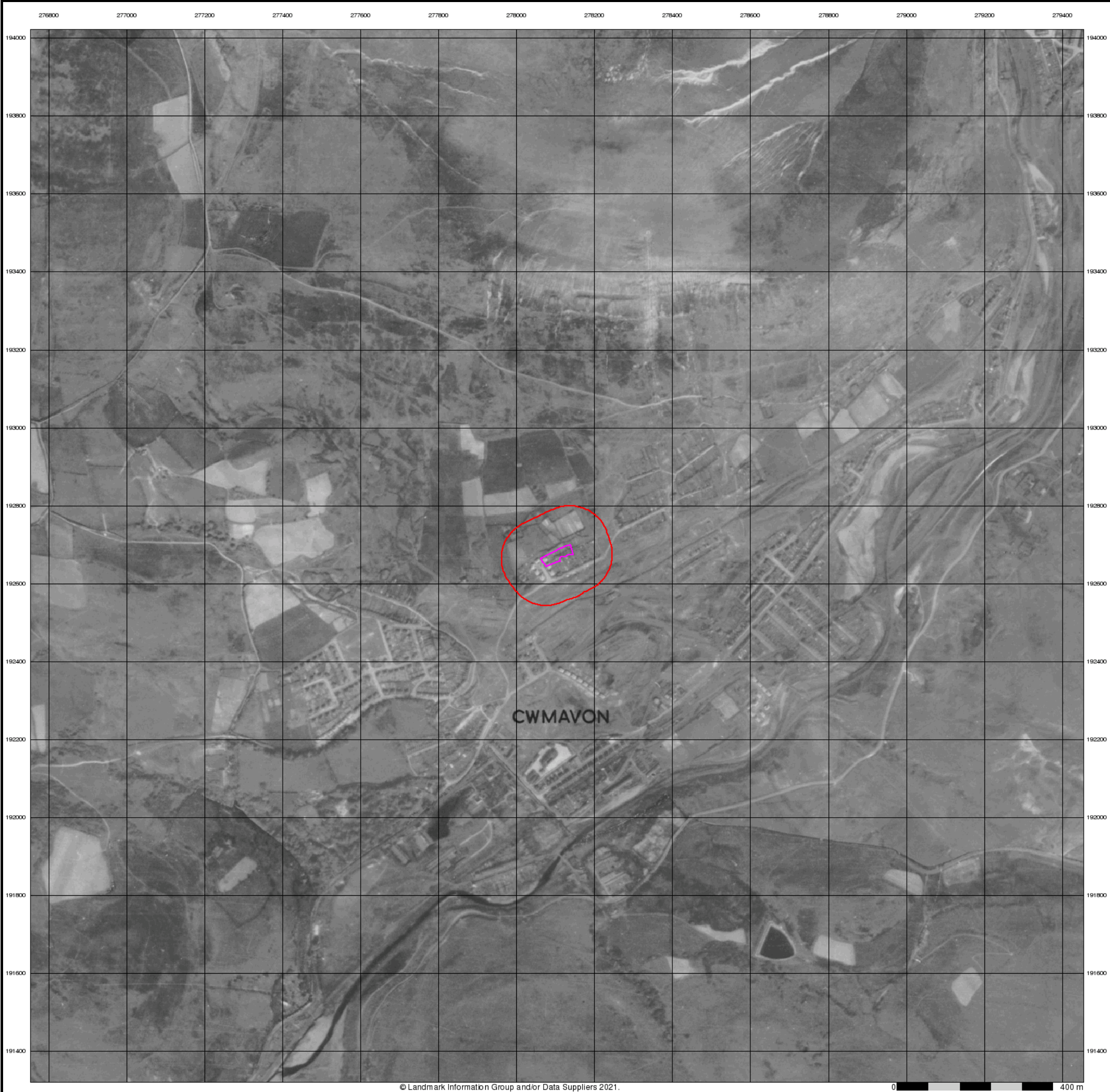
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Historical Aerial Photography

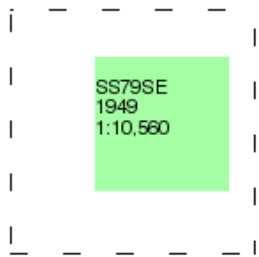
Published 1949

Source map scale - 1:10,560

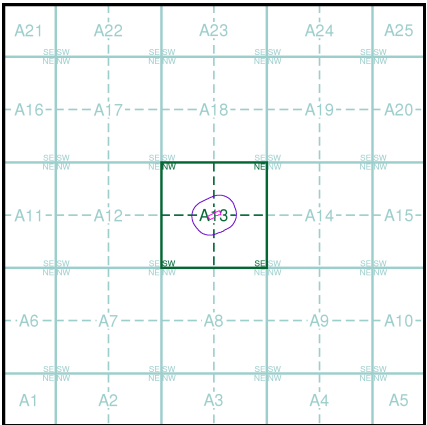
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
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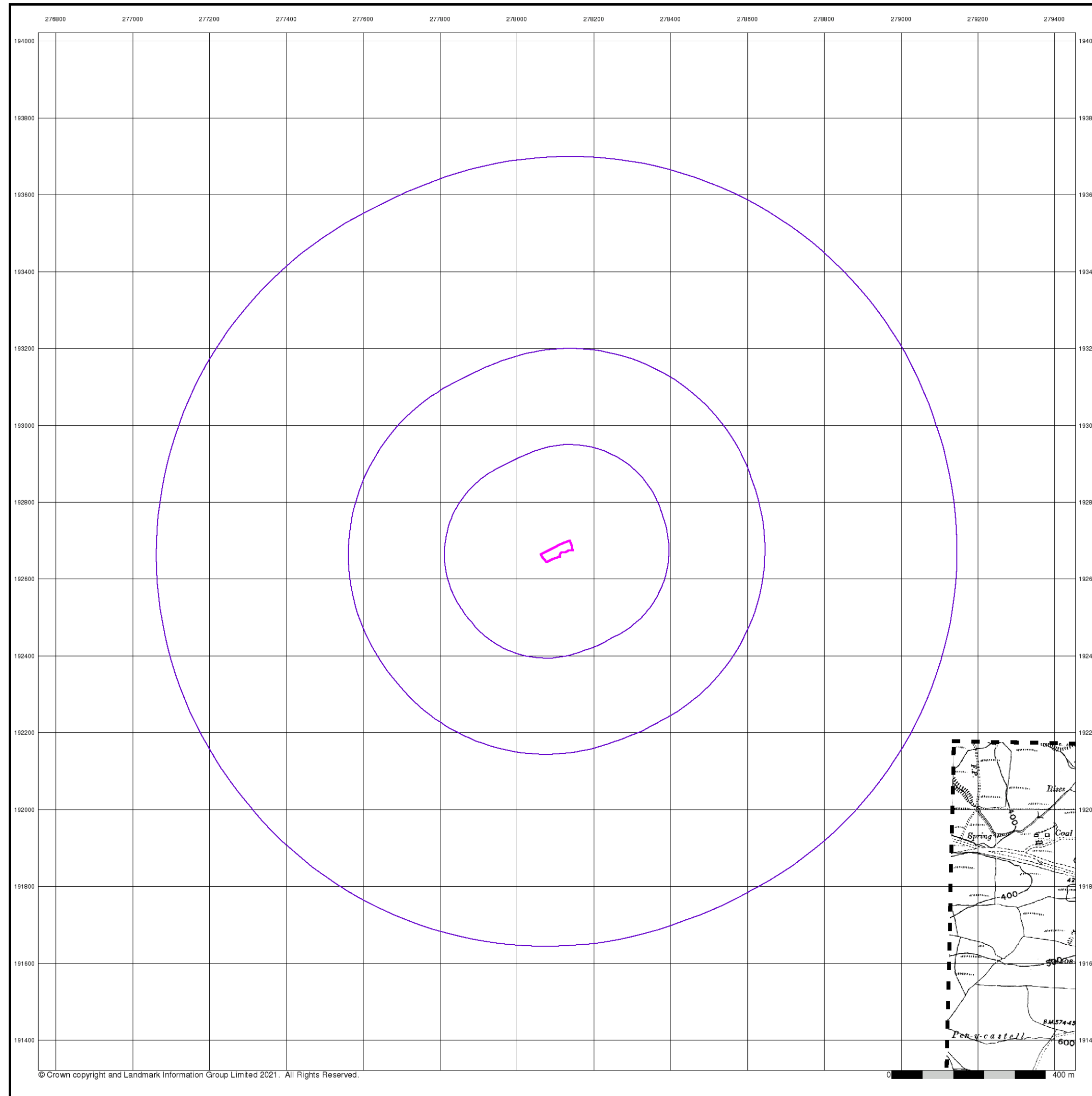
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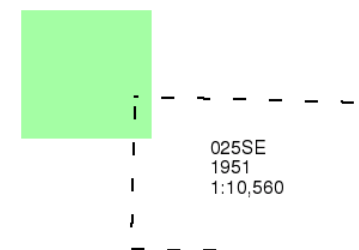
Glamorganshire

Published 1951

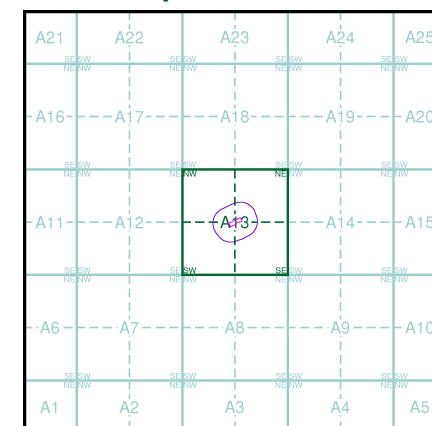
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

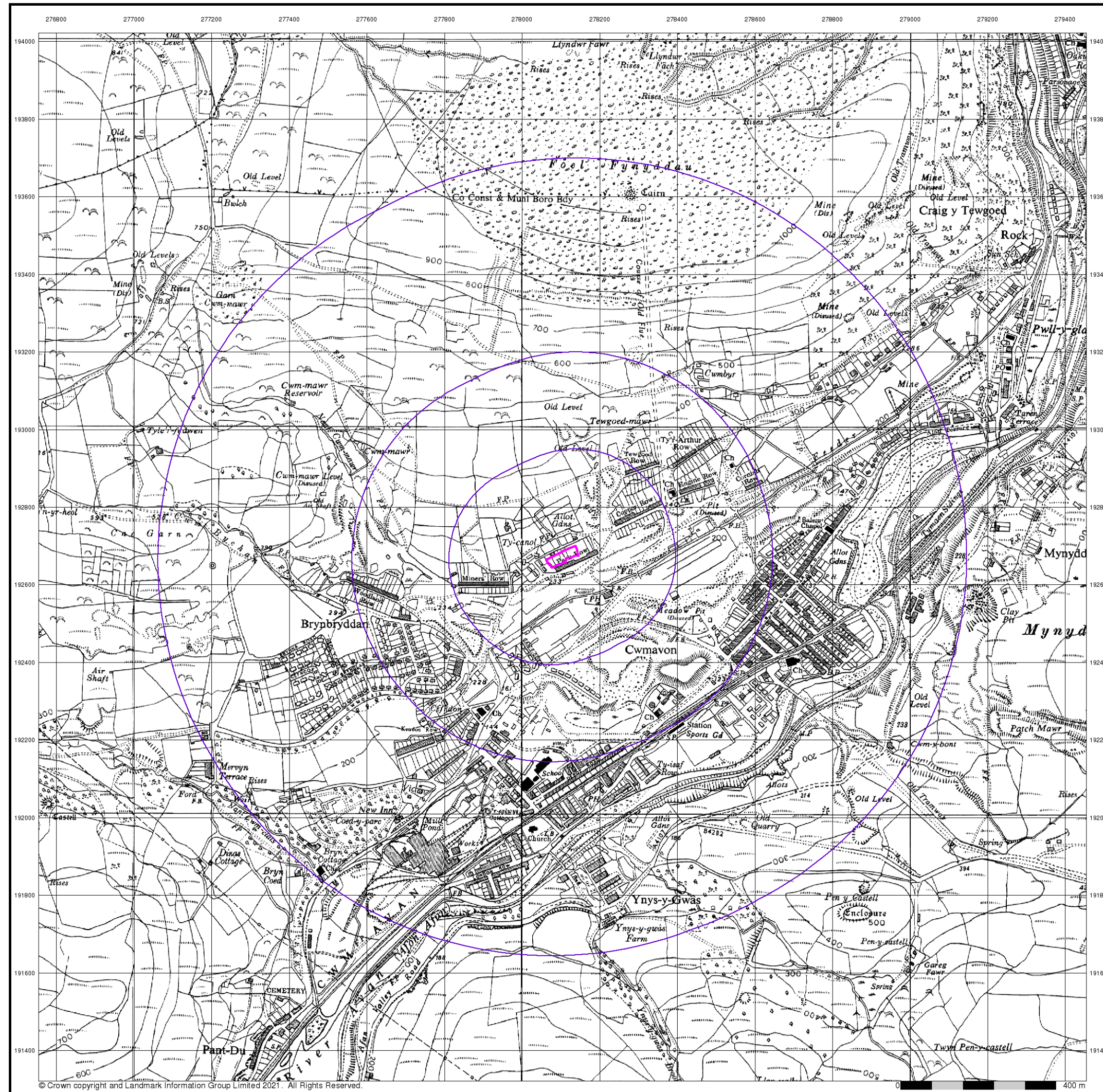
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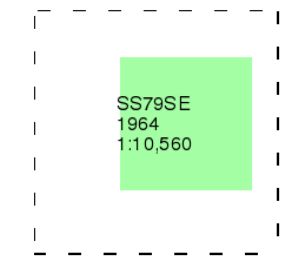
Ordnance Survey Plan

Published 1964

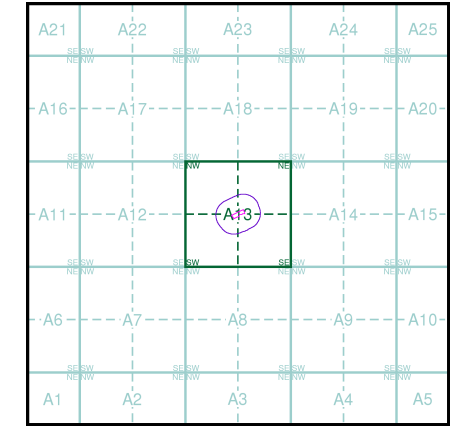
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

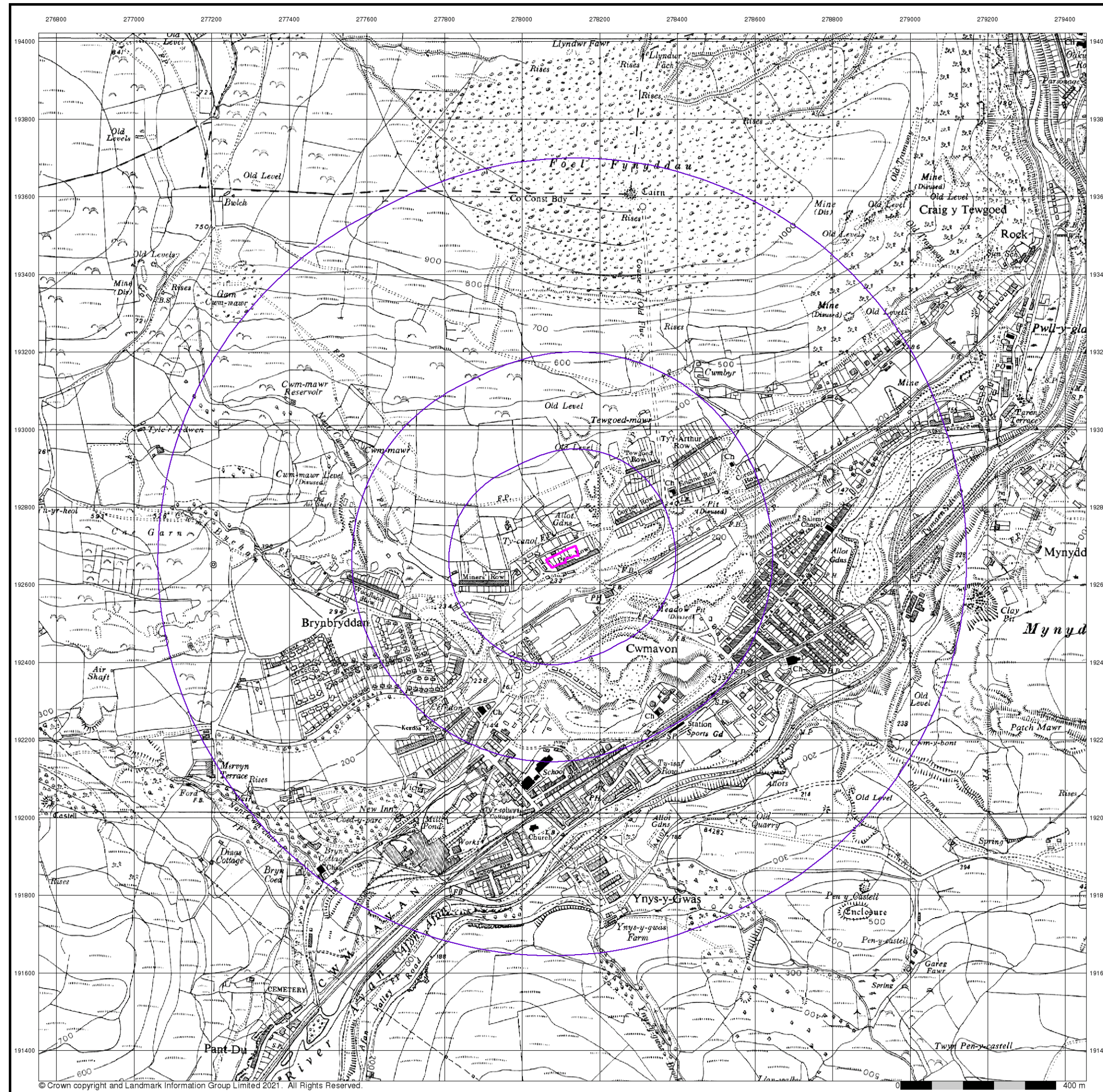
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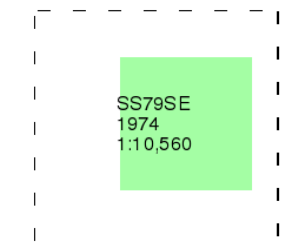
Ordnance Survey Plan

Published 1974

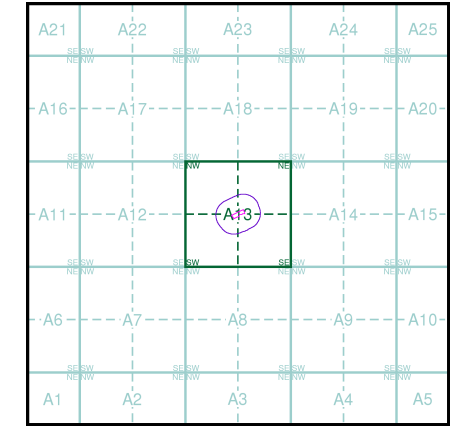
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Historical Map - Slice A



Order Details

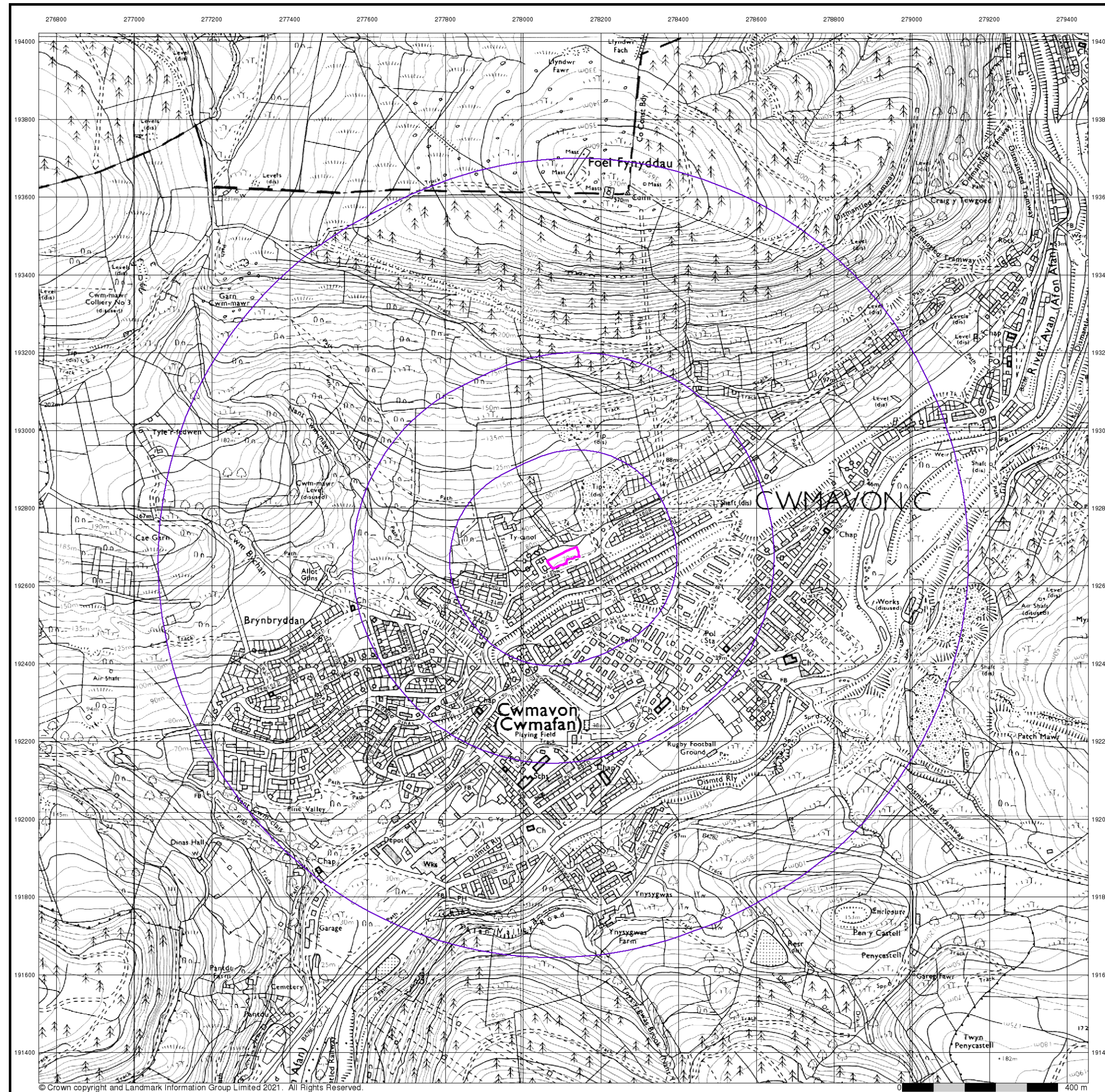
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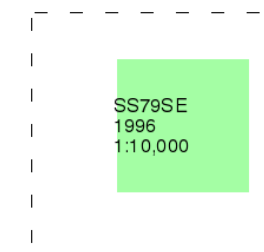
Ordnance Survey Plan

Published 1996

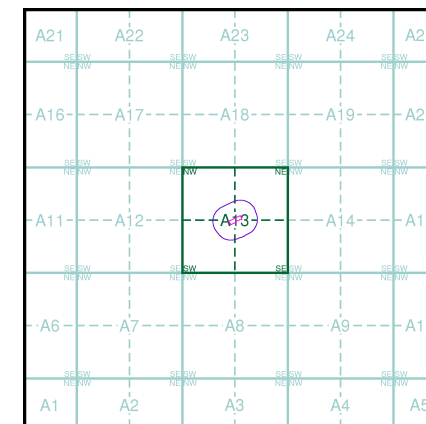
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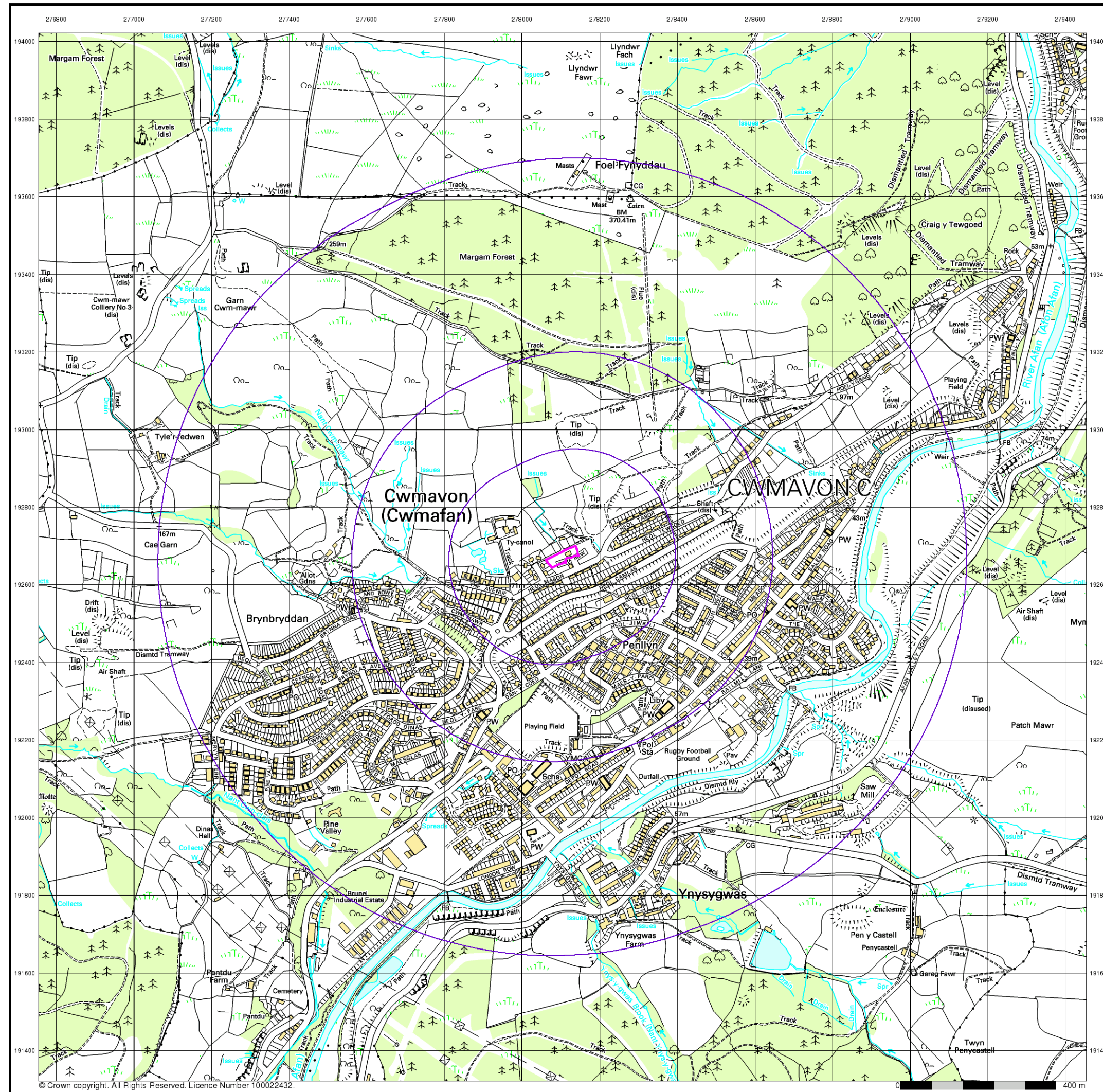
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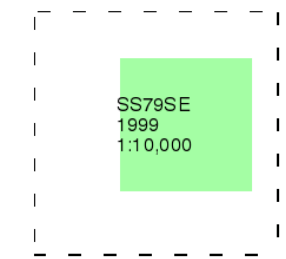
10k Raster Mapping

Published 1999

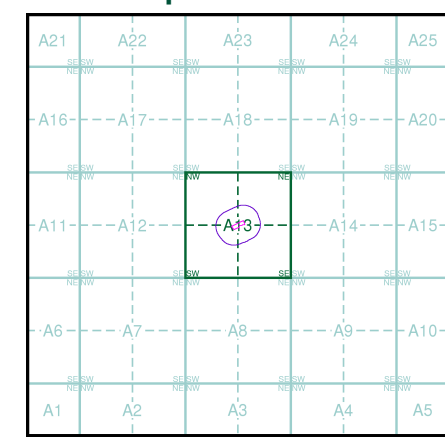
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

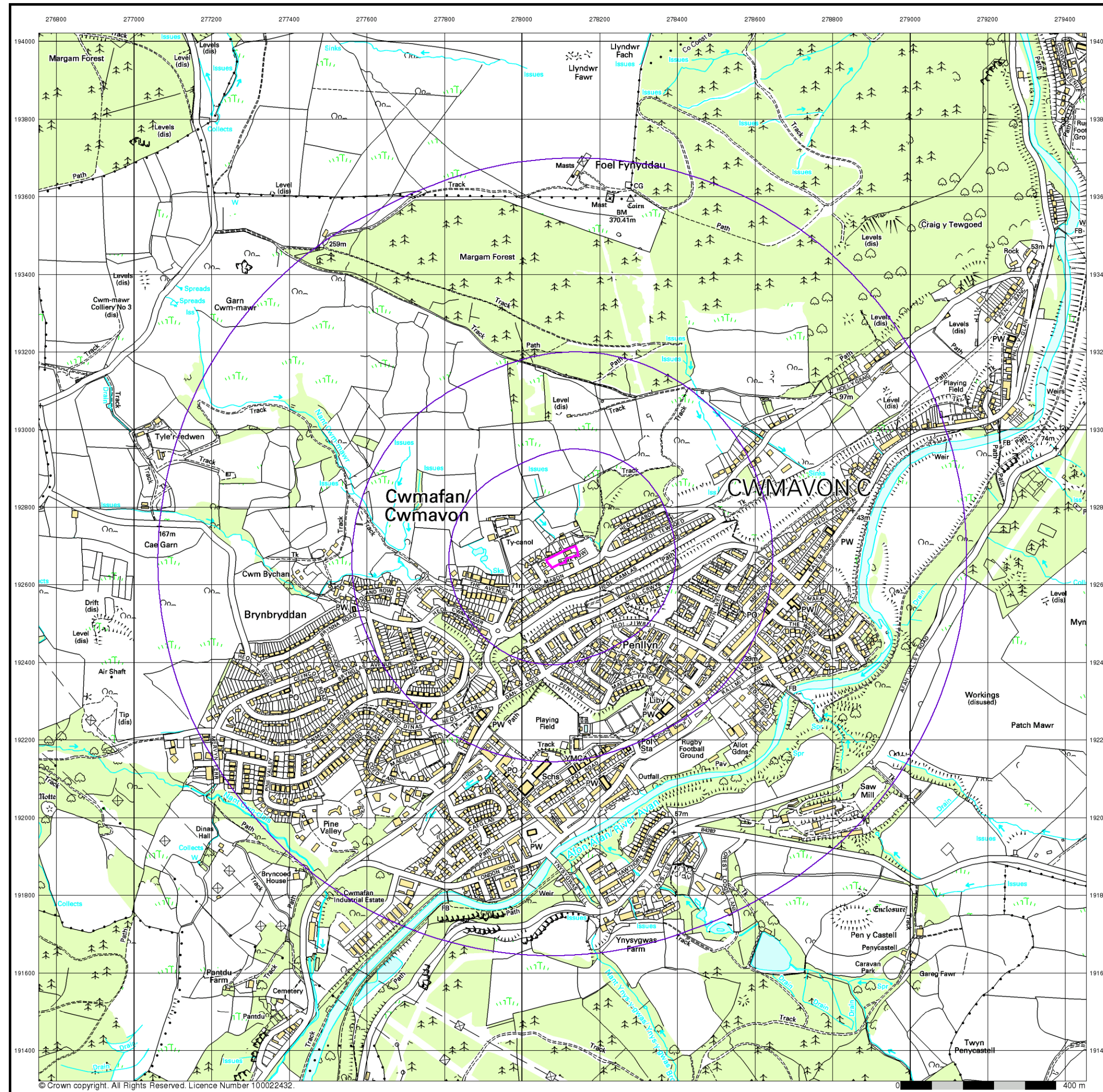
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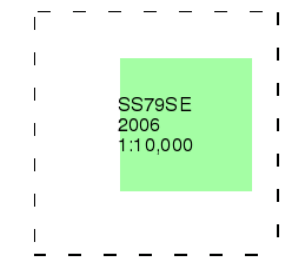
10k Raster Mapping

Published 2006

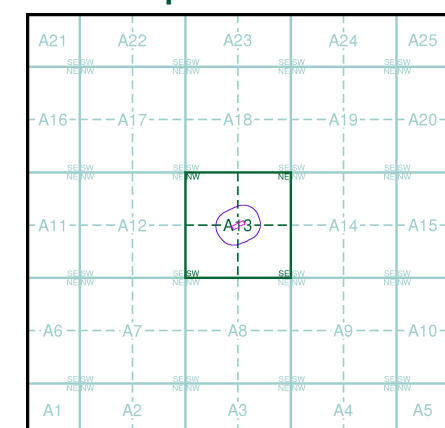
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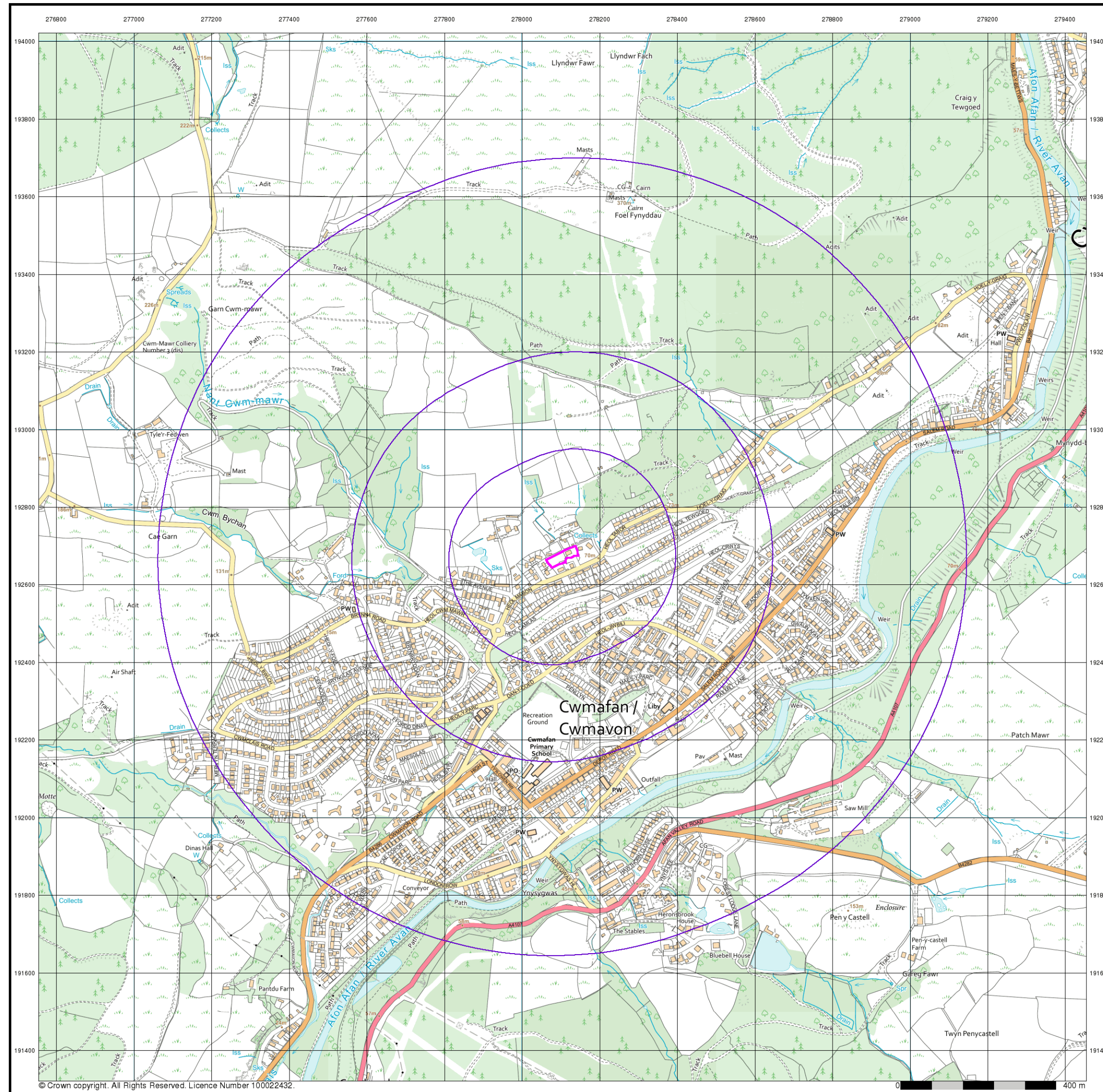
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Geotechnical & Geoenvironmental Specialists

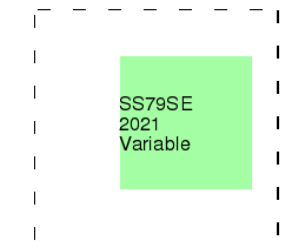
VectorMap Local

Published 2021

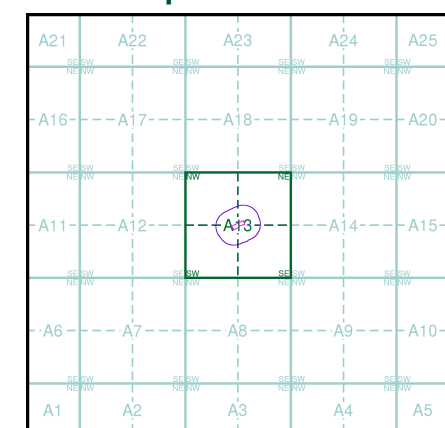
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

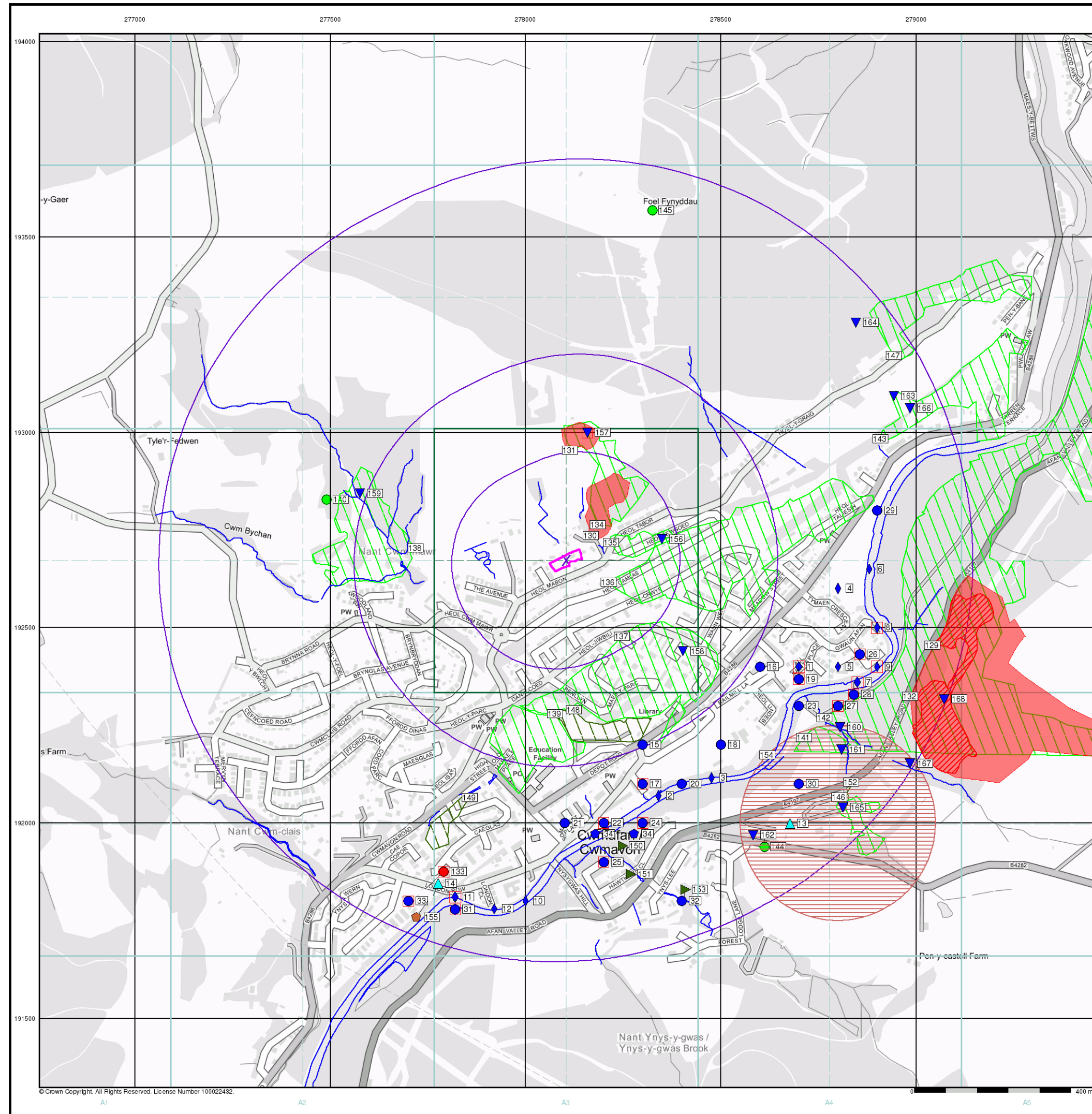
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Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW

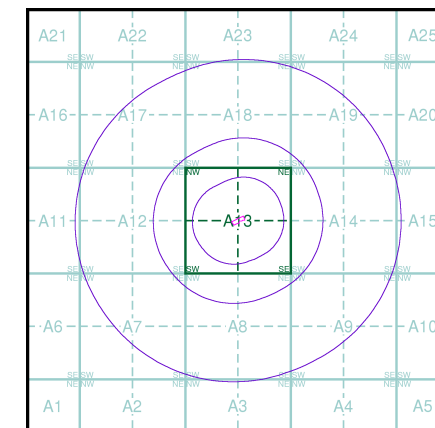


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A

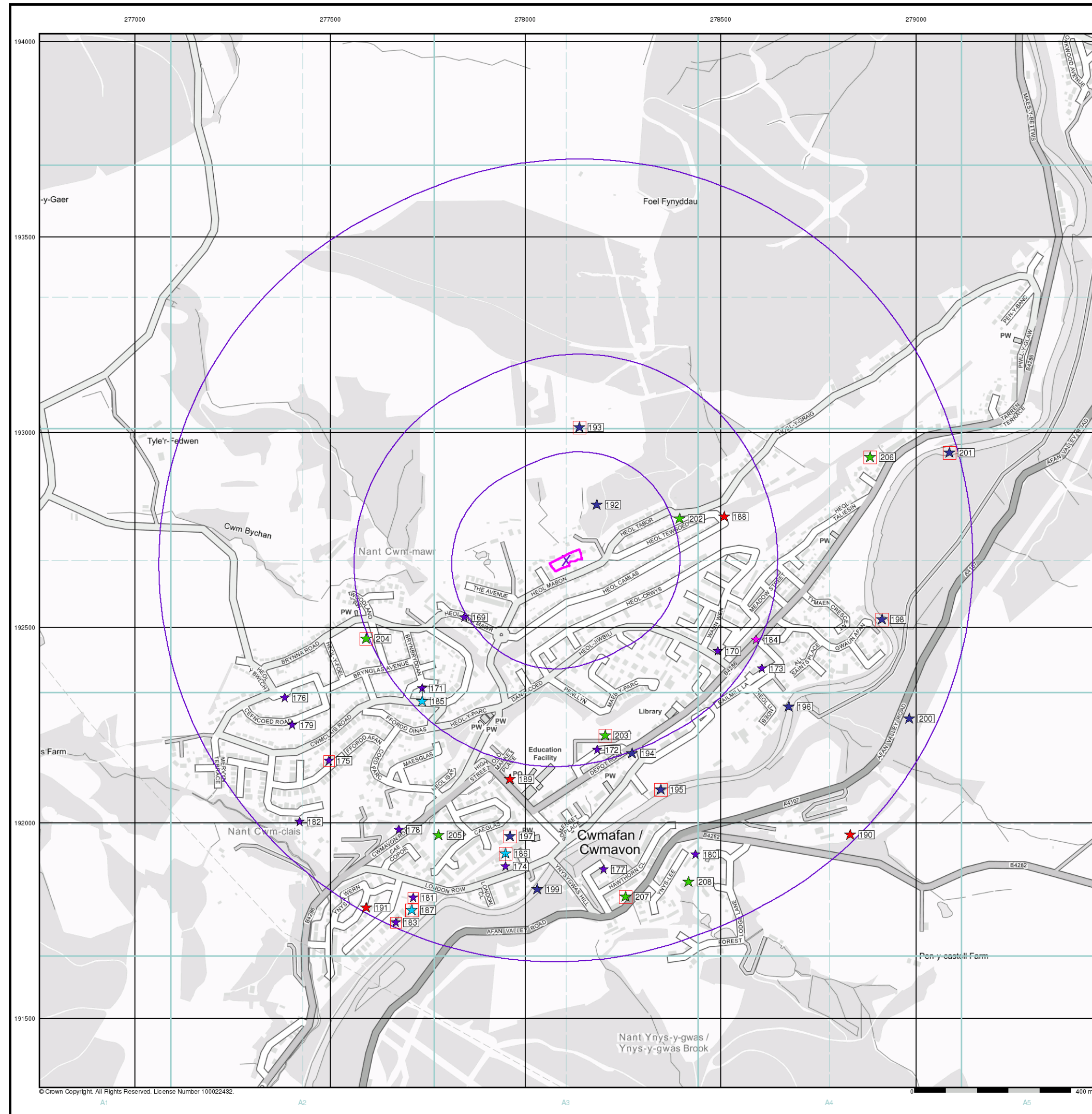


Order Details

Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW



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Industrial Land Use Map

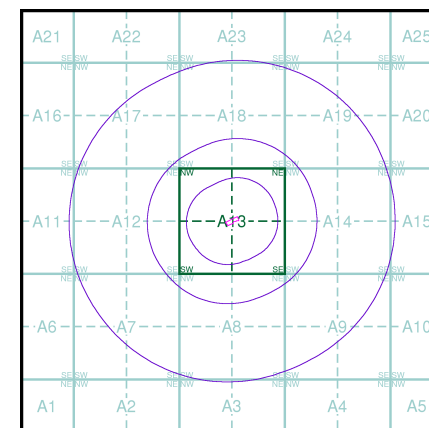
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

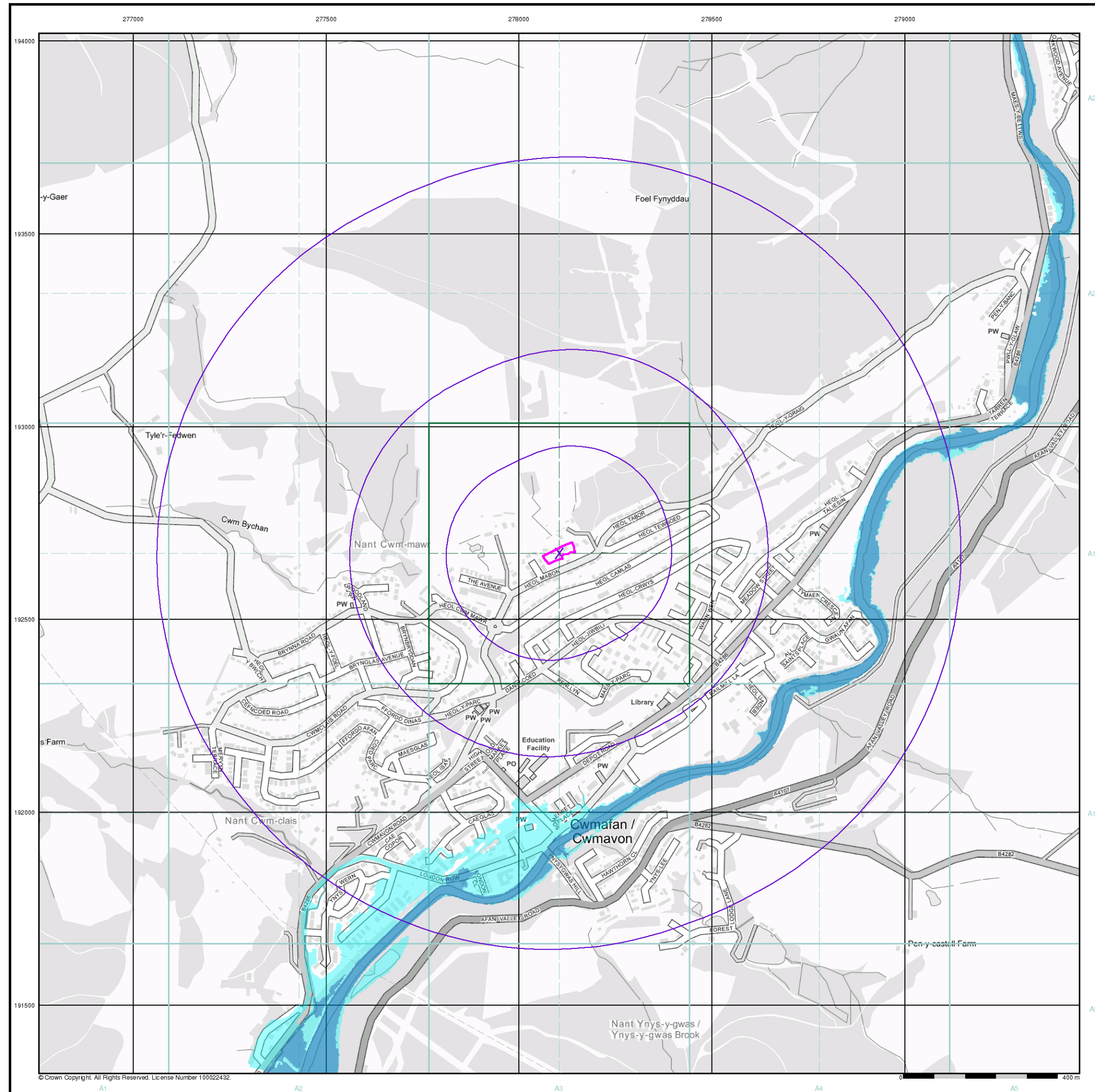
Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

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General

Agency and Hydrological (Flood)

Flood Map - Slice A

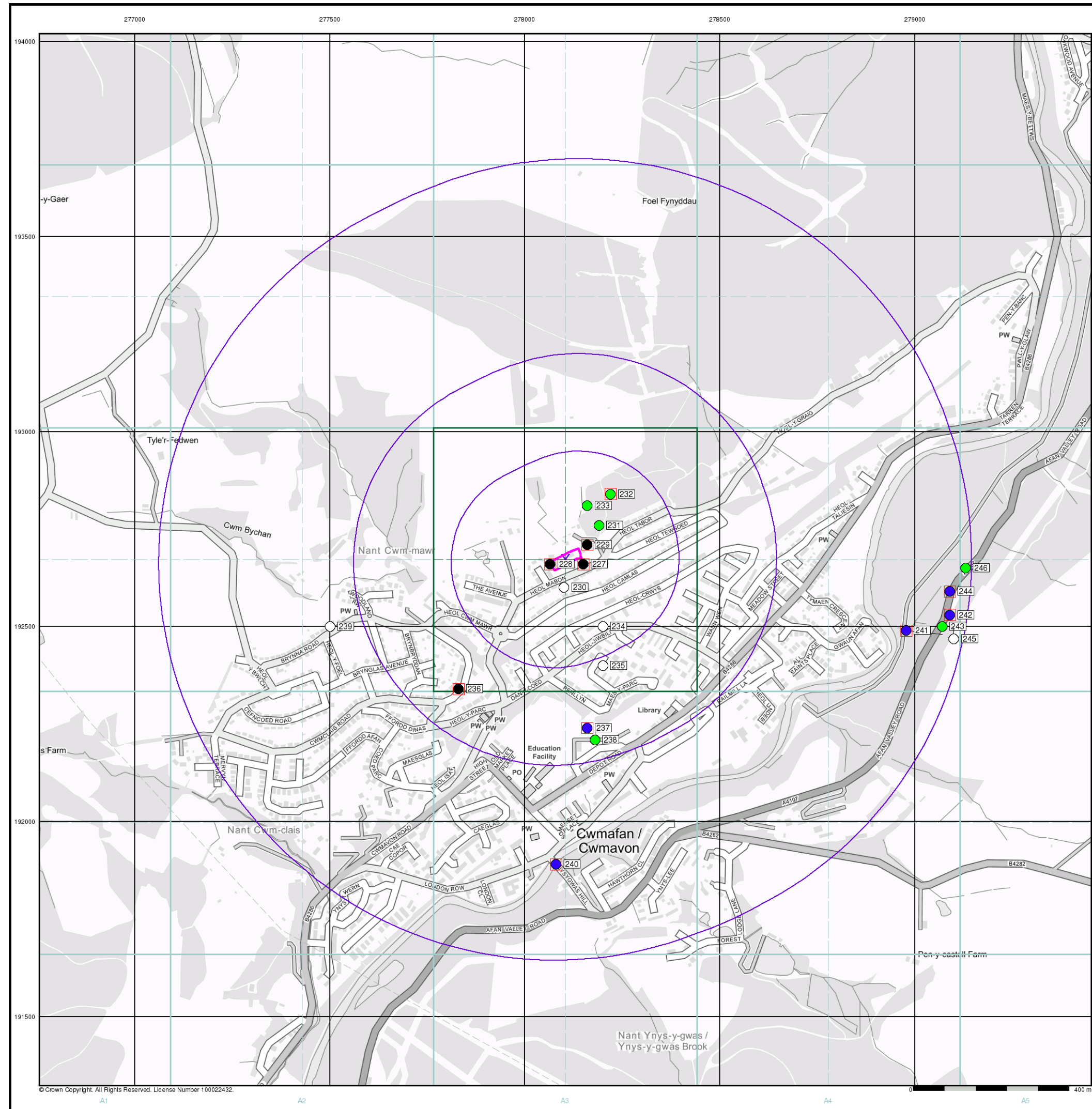


Order Details

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General

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

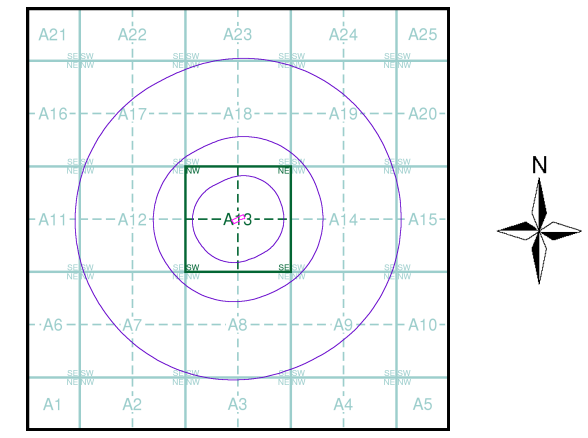
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW

General

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

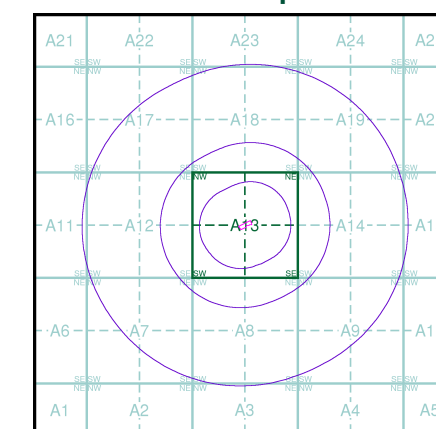
OS Water Network Data

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

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A

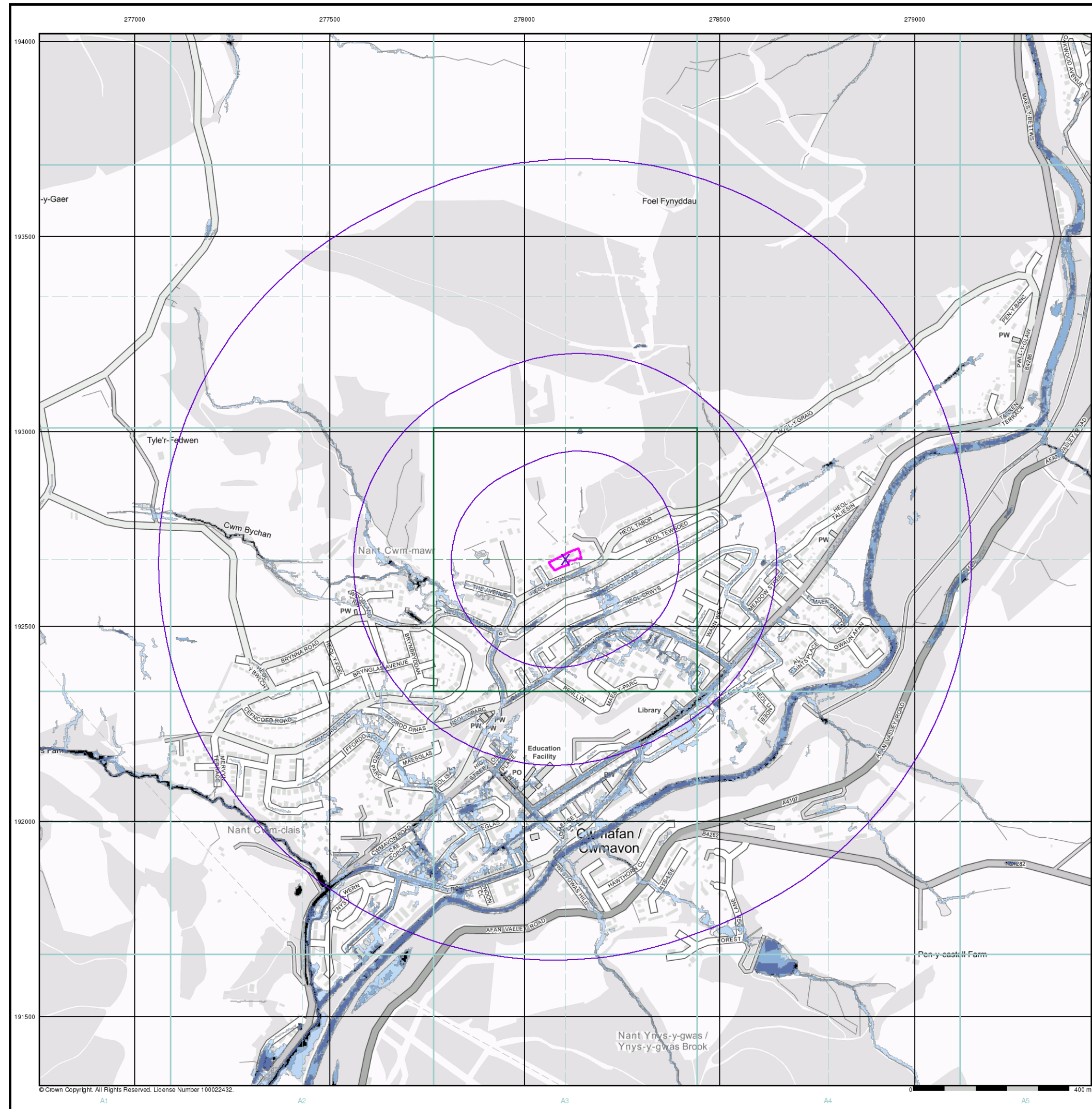


Order Details

Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

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General

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

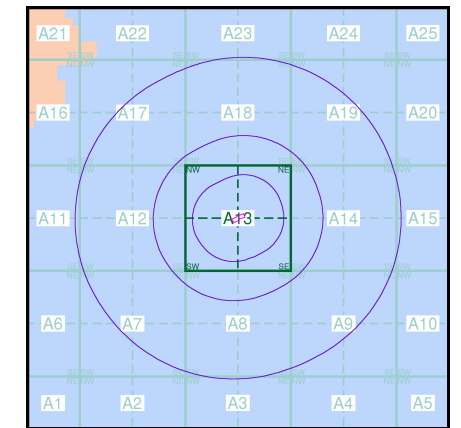
Risk of Flooding from Surface Water

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

E/NRW Suitability Map - Slice A

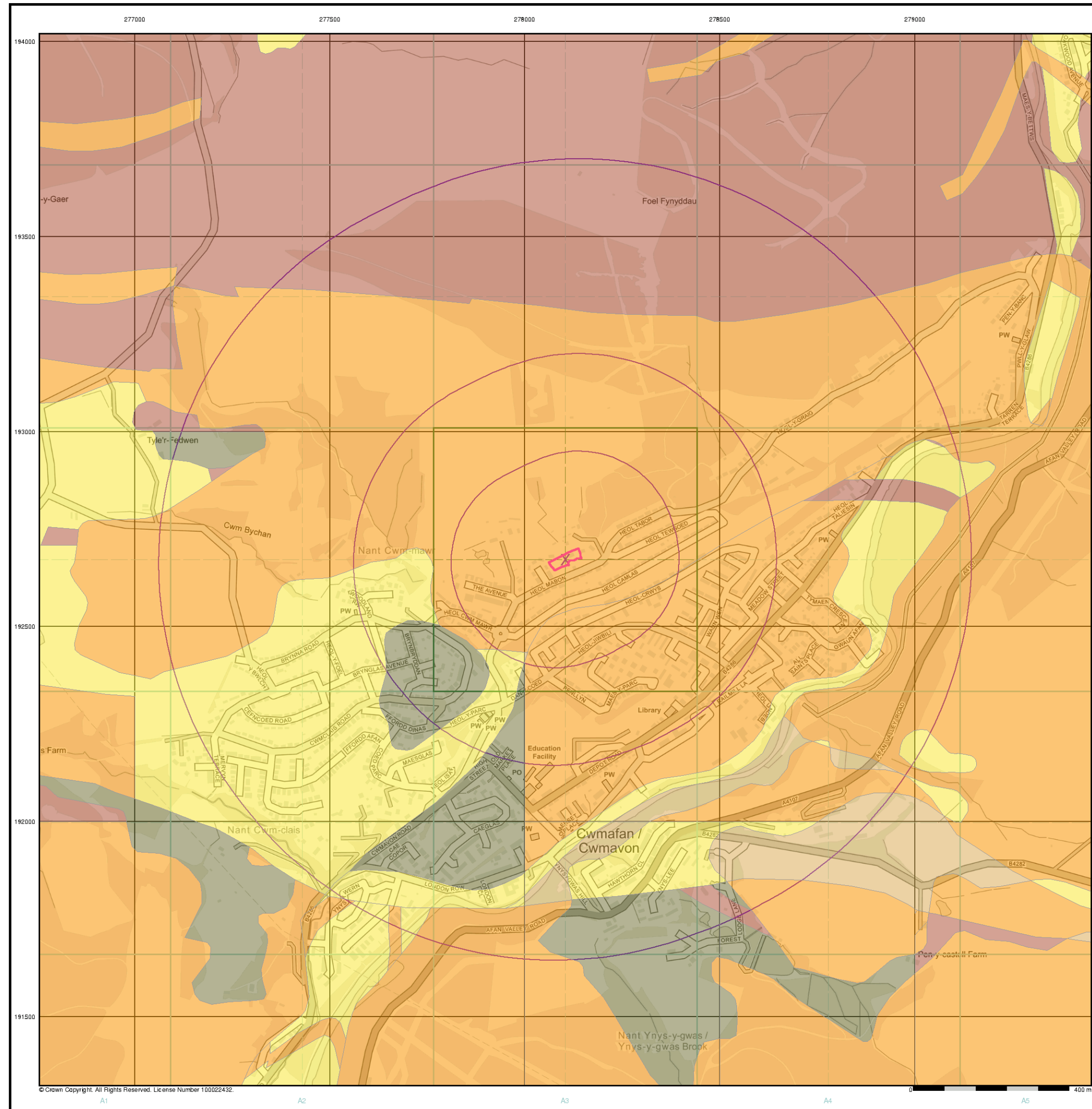


Order Details

Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW



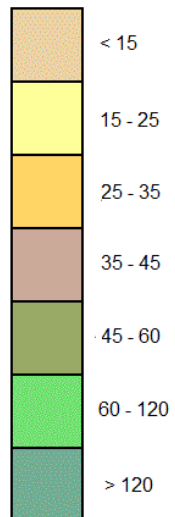
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General

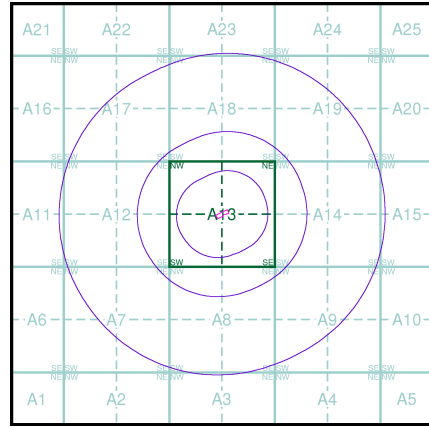
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

284338045_1_1

15568

278110, 192670

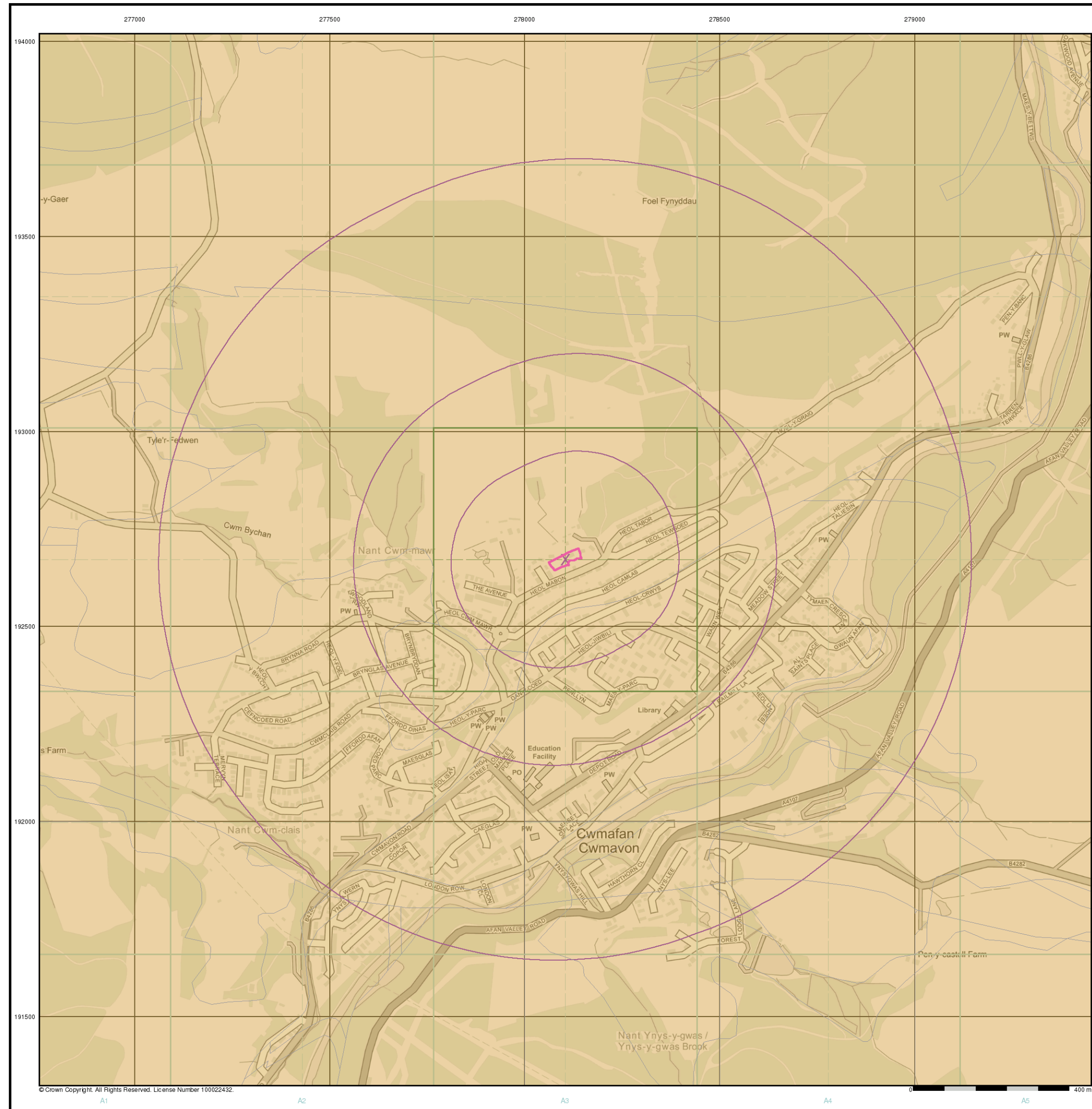
A

0.2

1000

Site Details

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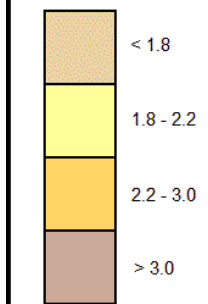
Geotechnical & Geoenvironmental Specialists

General

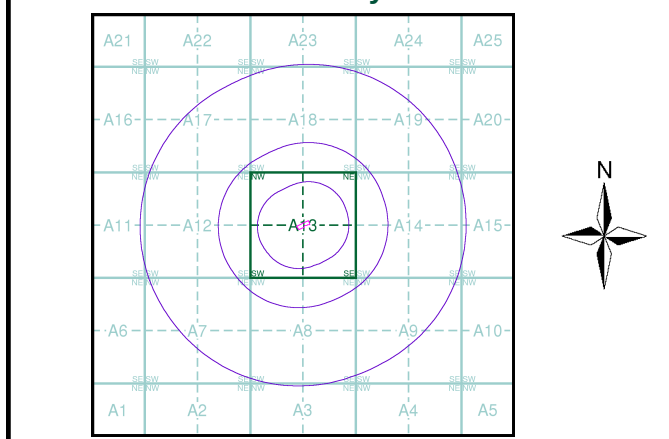
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW



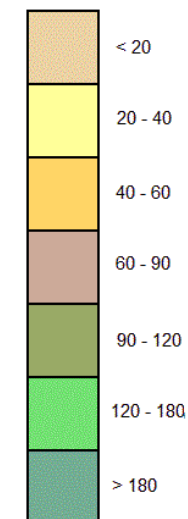
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Web: www.envirocheck.co.uk

General

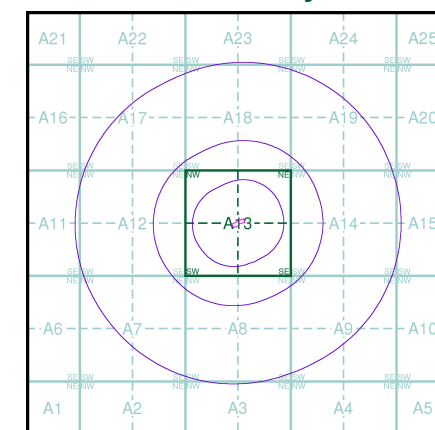
 Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

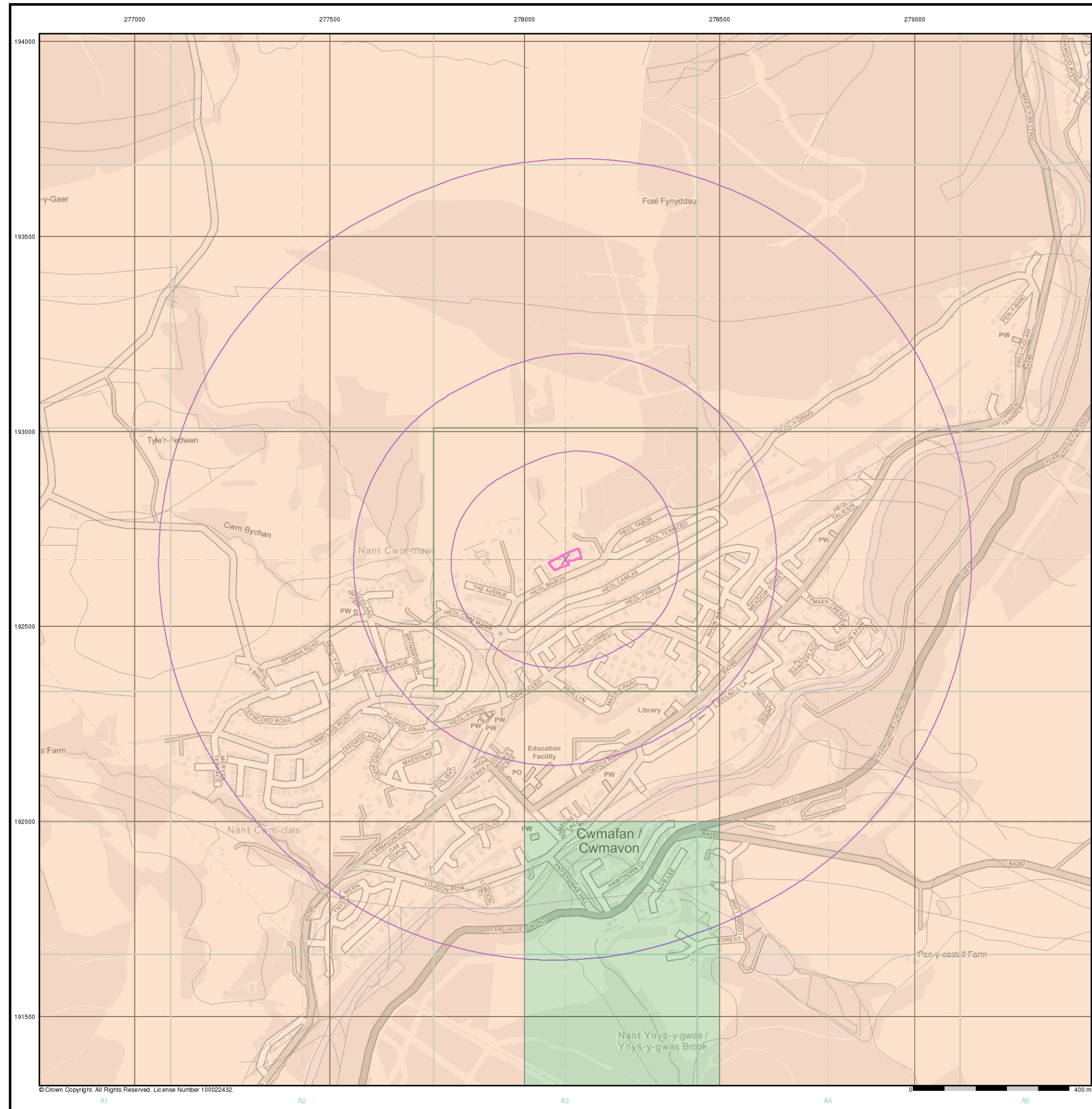
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Customer Ref:	15568
National Grid Reference:	278110, 192670
Slice:	A
Site Area (Ha):	0.2
Search Buffer (m):	1000

Site Details

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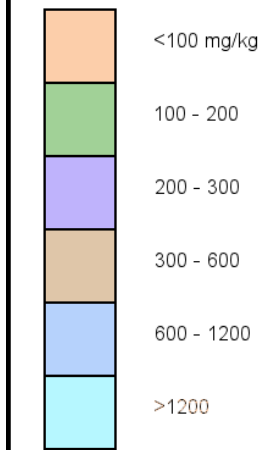
Geotechnical & Geoenvironmental Specialists

General

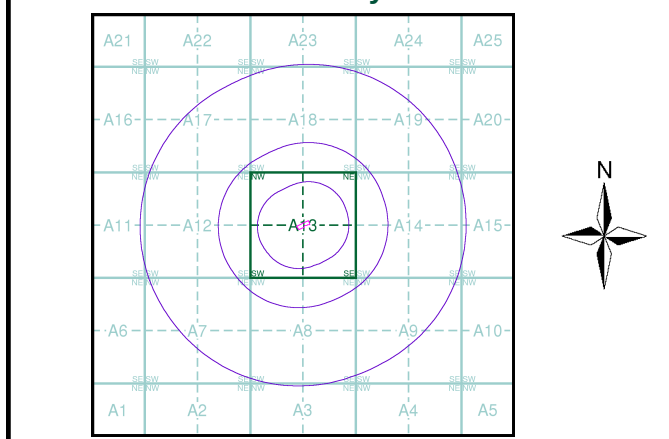
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

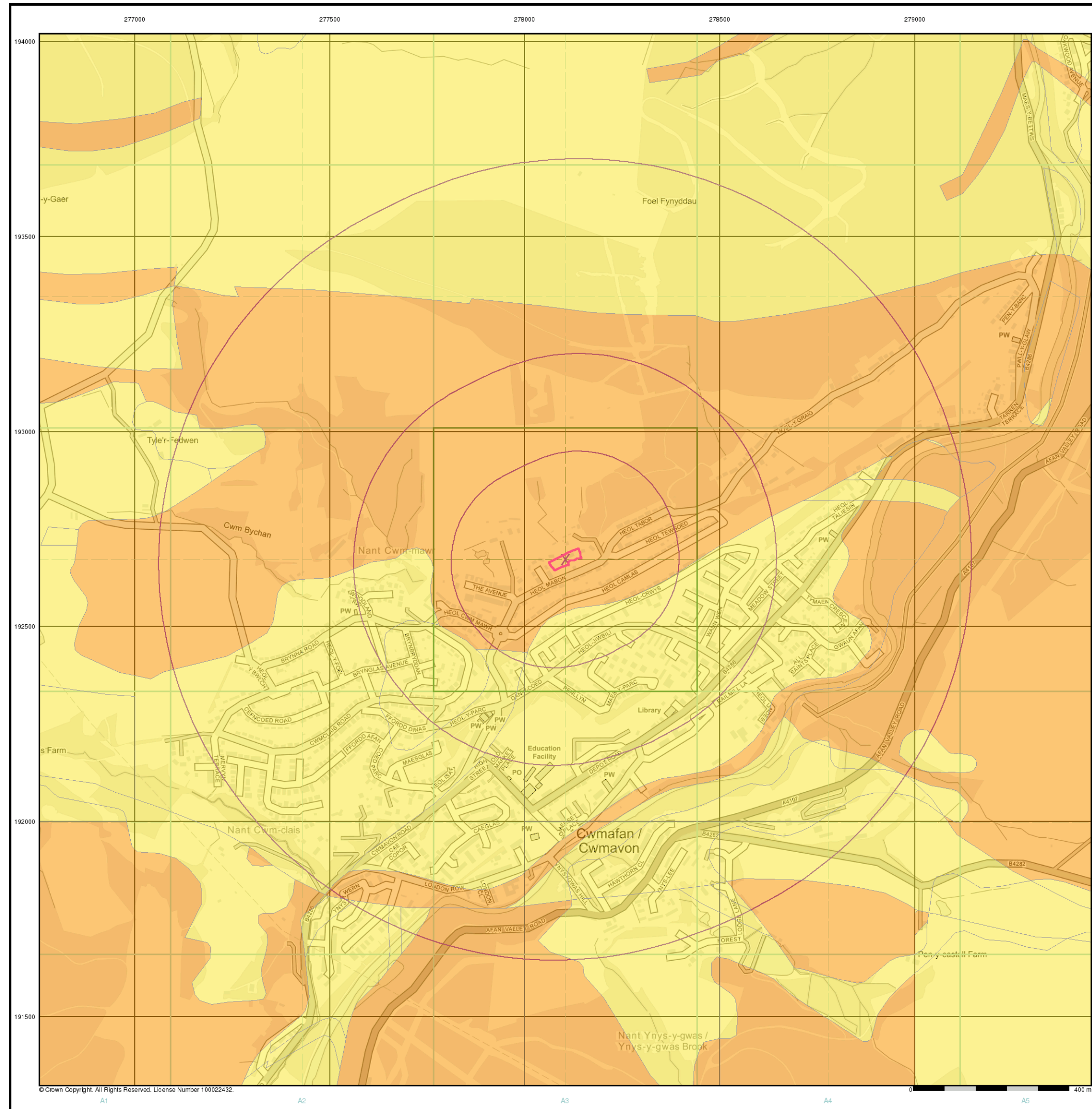
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Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

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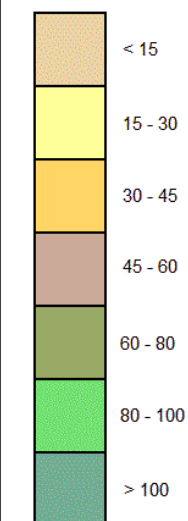


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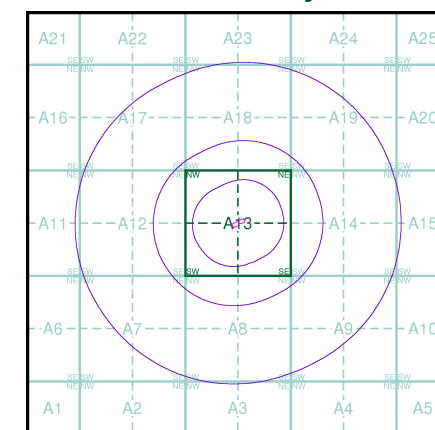
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

5, Park Row, Cwmavon, PORT TALBOT, SA12 9PW

Historical Mapping Legends

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



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



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

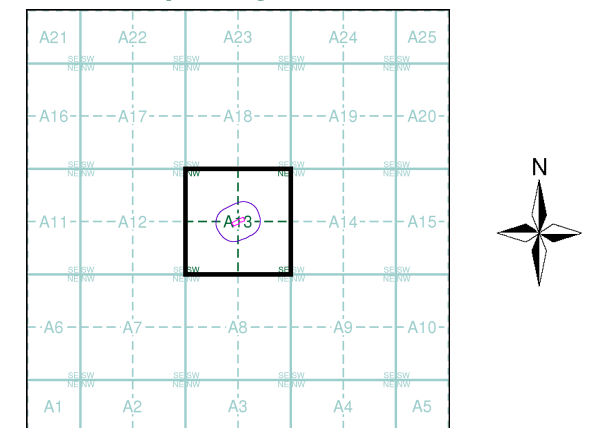


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1878	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1919	4
Glamorganshire	1:2,500	1936	5
Ordnance Survey Plan	1:2,500	1965 - 1970	6
Ordnance Survey Plan	1:2,500	1969 - 1978	7
Supply of Unpublished Survey Information	1:2,500	1973	8
Ordnance Survey Plan	1:2,500	1975 - 1983	9
Additional SIMs	1:2,500	1978 - 1986	10
Additional SIMs	1:2,500	1984	11
Large-Scale National Grid Data	1:2,500	1993	12
Large-Scale National Grid Data	1:2,500	1994	13
Historical Aerial Photography	1:2,500	2000	14

Historical Map - Segment A13



Order Details

Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
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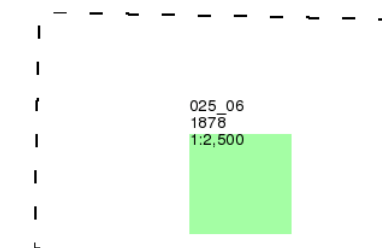
Glamorganshire

Published 1878

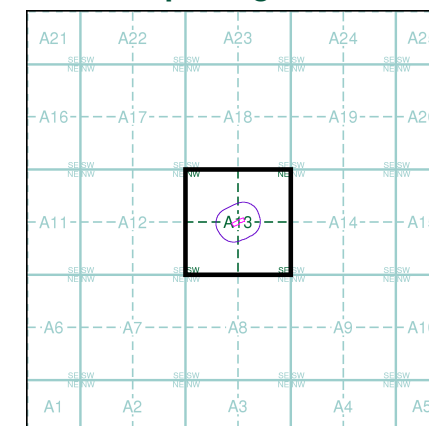
Source map scale - 1:2,500

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

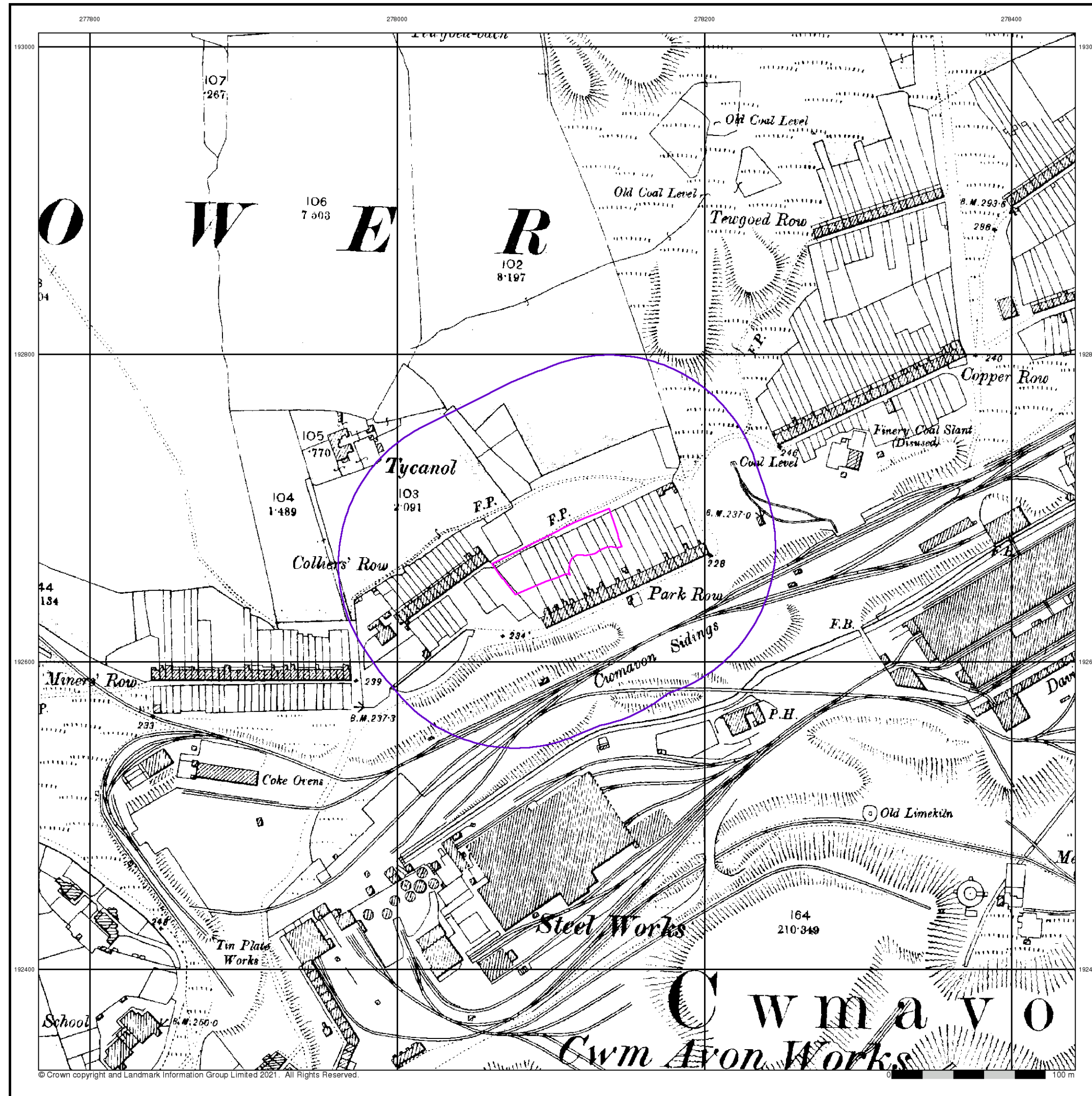
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Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
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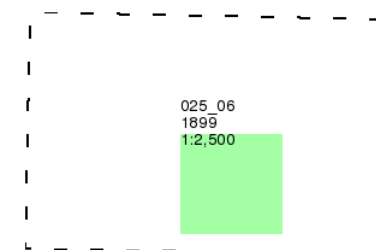
Glamorganshire

Published 1899

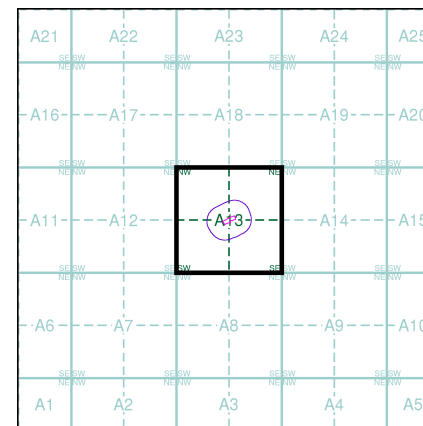
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

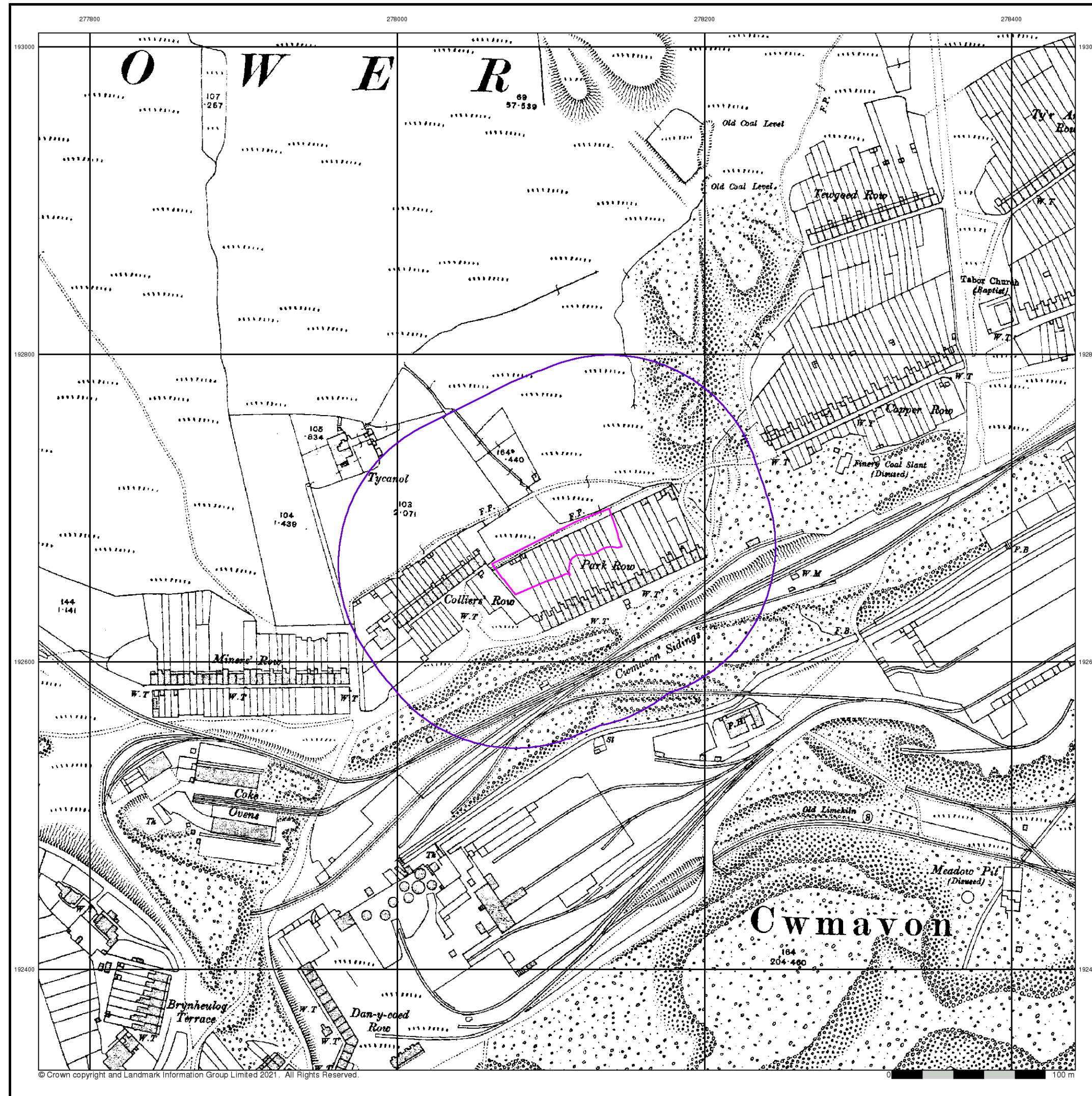
Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
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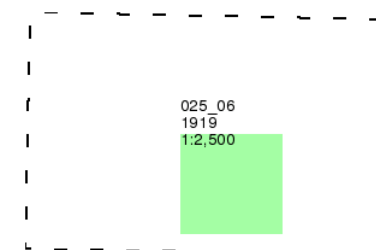
Glamorganshire

Published 1919

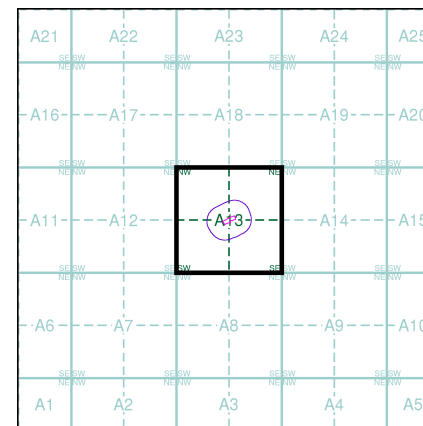
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

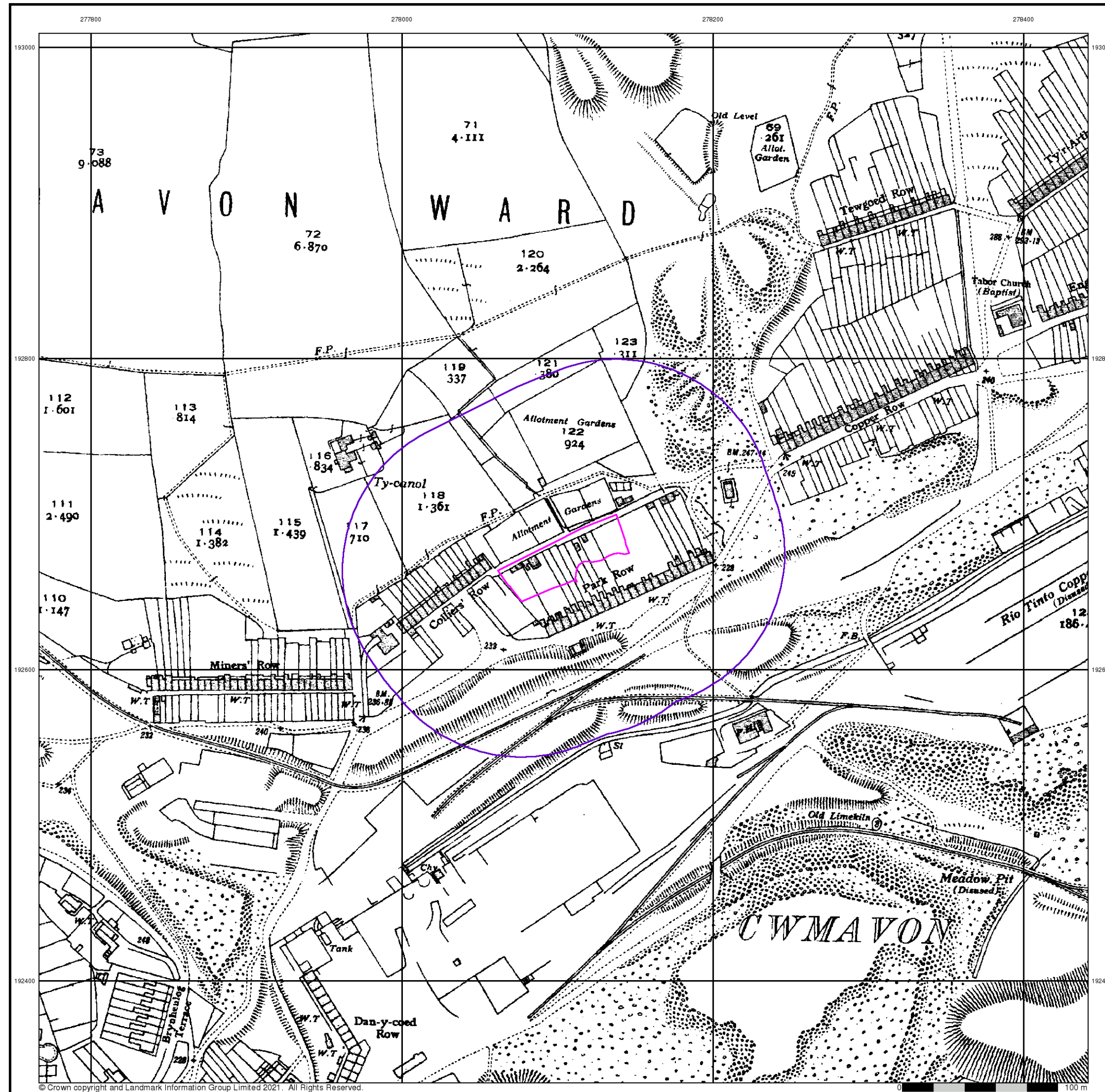
Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

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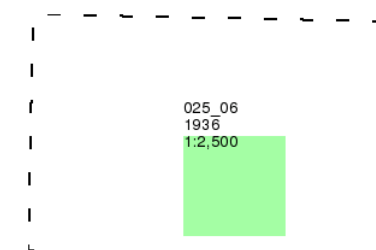
Glamorganshire

Published 1936

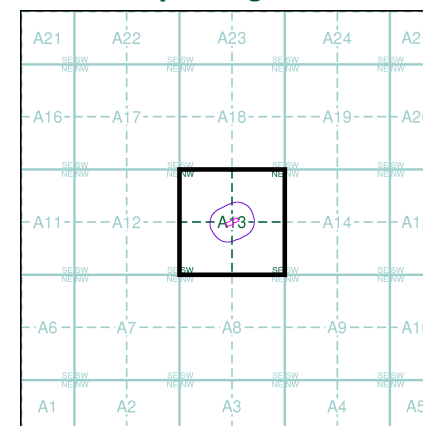
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

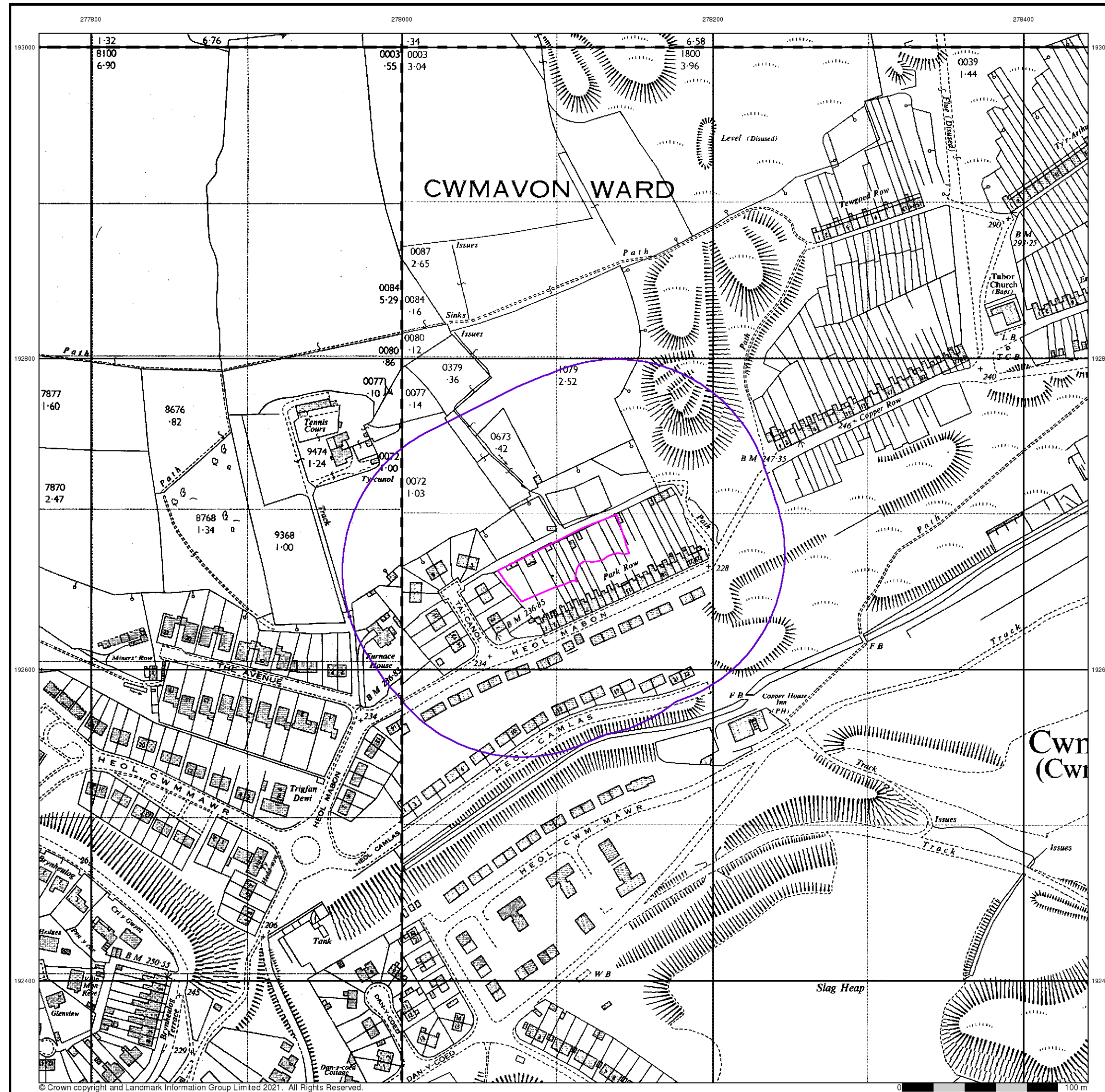
Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1965 - 1970

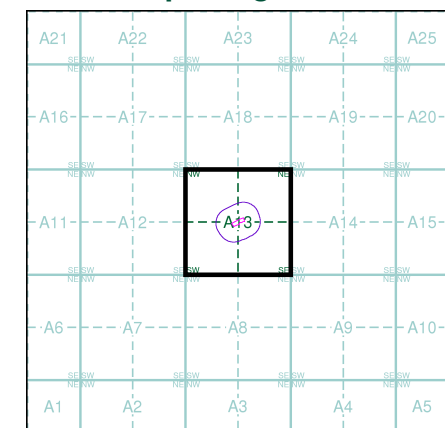
Source map scale - 1:2,500

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)

SS7793 1970 12,500	SS7893 1965 12,500
SS7792 1967 12,500	SS7892 1965 12,500

Historical Map - Segment A13



Order Details

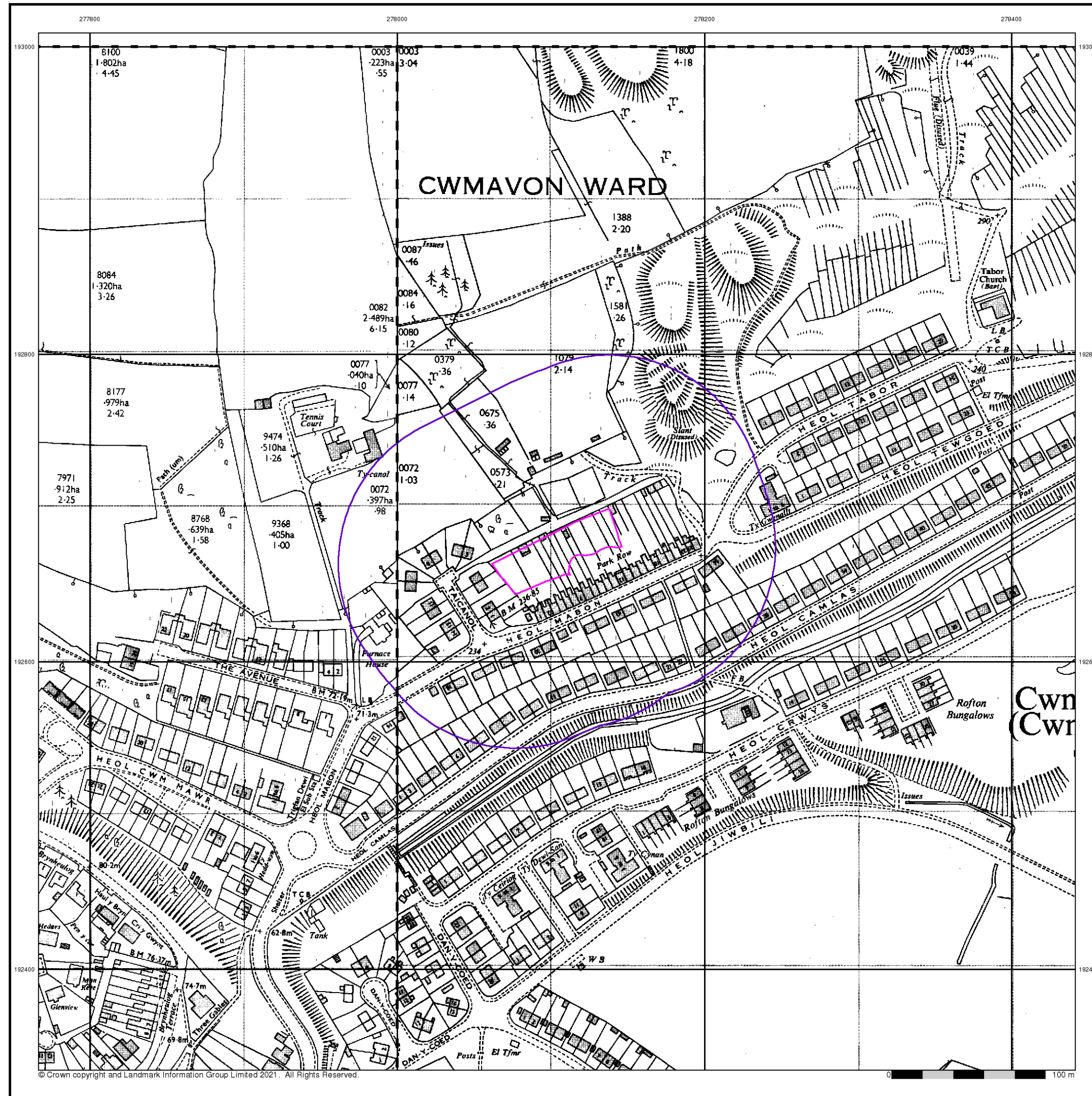
Order Number: 284338045_1_1
Customer Ref: 15568
National Grid Reference: 278110, 192670
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

5, Park Row, Cwmafon, PORT TALBOT, SA12 9PW



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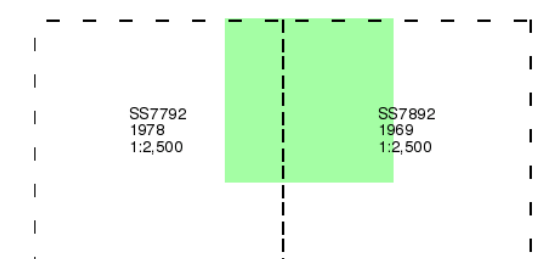
Ordnance Survey Plan

Published 1969 - 1978

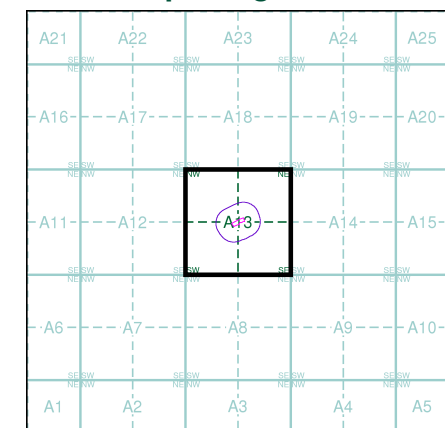
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

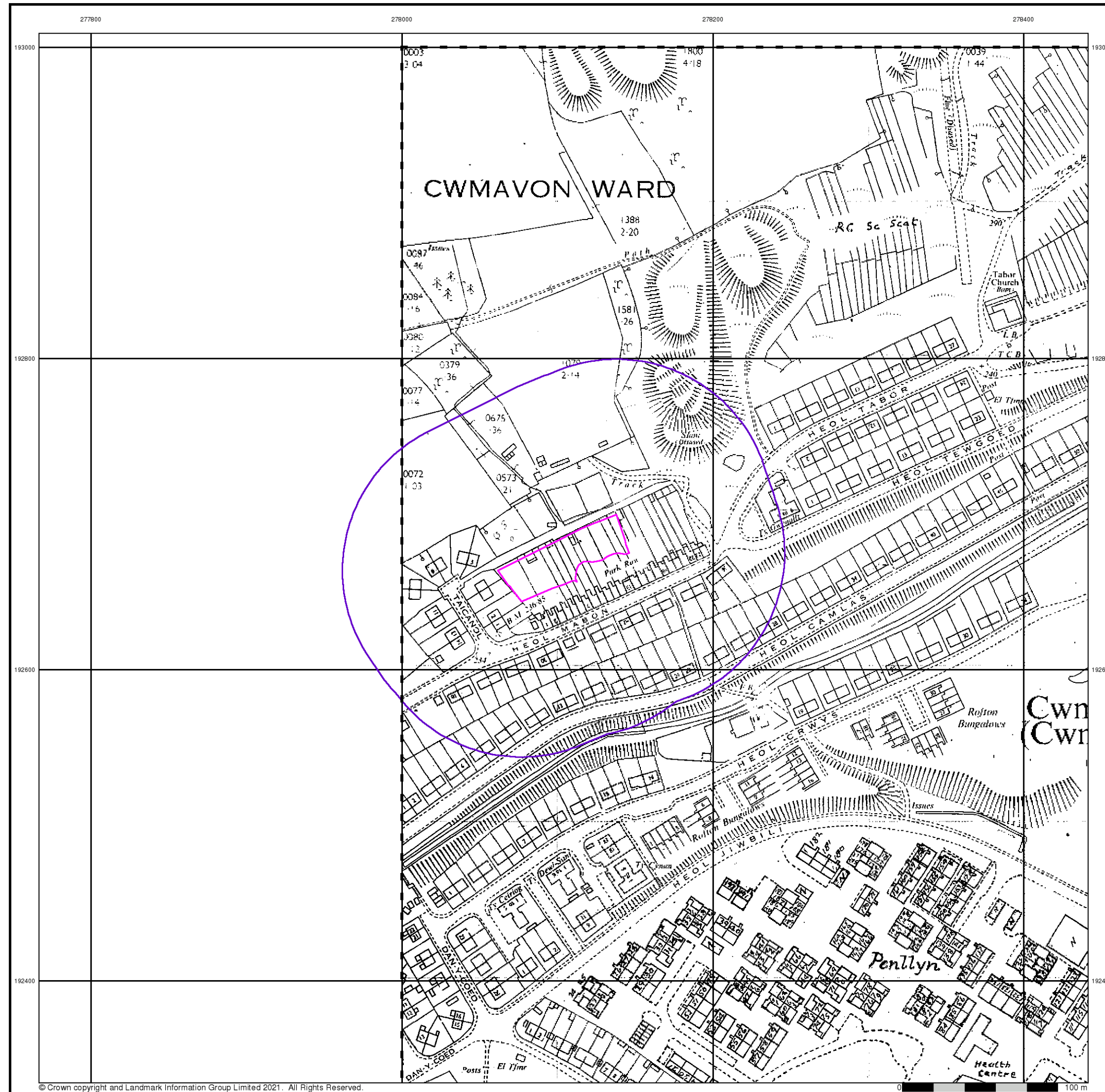
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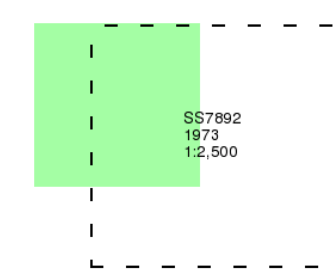
Supply of Unpublished Survey Information

Published 1973

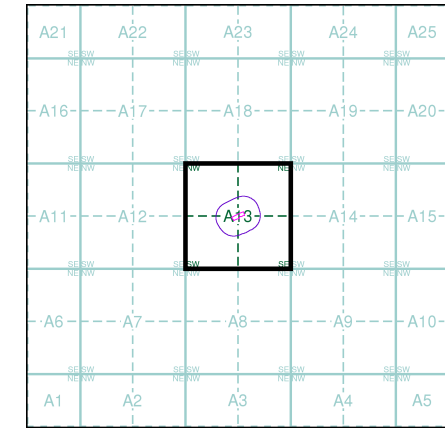
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

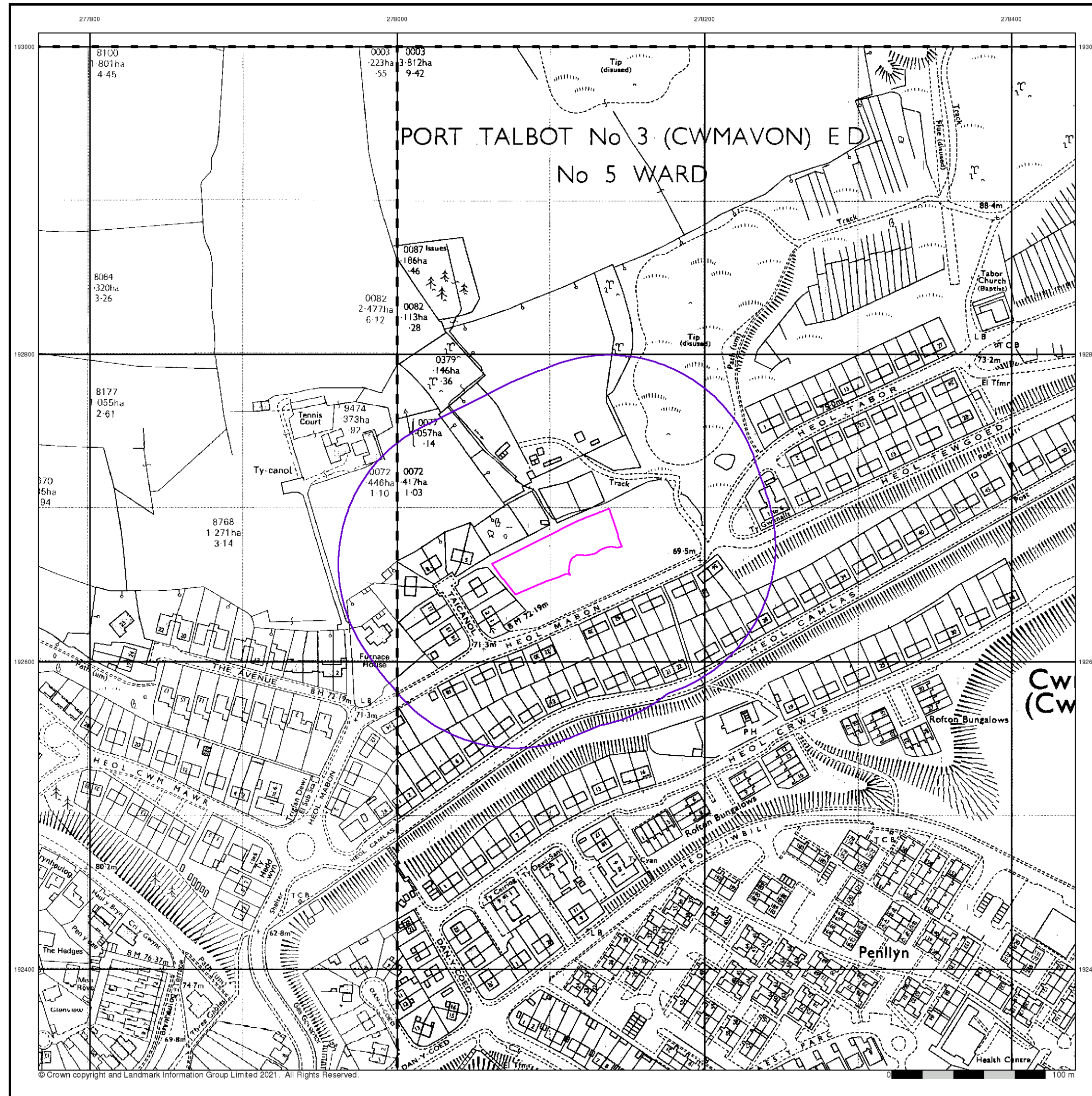
Order Number: 284338045_1_1
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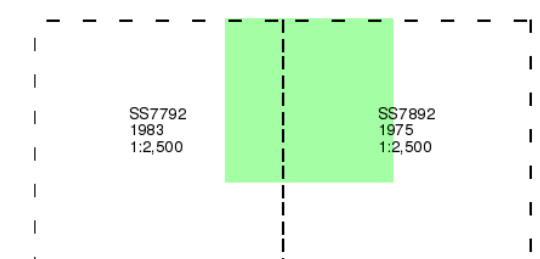
Ordnance Survey Plan

Published 1975 - 1983

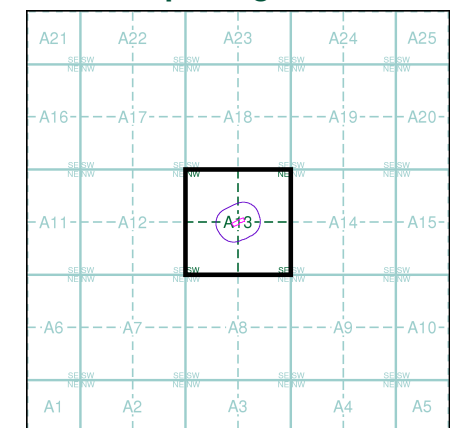
Source map scale - 1:2,500

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.

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Published 1978 - 1986

Source map scale - 1:2,500

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

[illegible]

A 5x5 grid of points labeled A1 through A25. The grid is defined by dashed lines. A 2x2 square is drawn with vertices at A11, A12, A13, and A14. A purple circle is drawn around point A13. Each point is labeled with its identifier and the coordinates (SP, SW, NW, NE) of its four nearest neighbors.

Point	SP	SW	NW	NE
A1				A2
A2	A1			A3
A3	A2	A1		A4
A4	A3			A5
A5				
A6				A7
A7	A6			A8
A8	A7	A6		A9
A9	A8			A10
A10				
A11	A10	A6	A7	A12
A12	A11	A7	A8	A13
A13	A12	A8	A9	A14
A14	A13	A9	A10	A15
A15				
A16				A17
A17	A16			A18
A18	A17	A16		A19
A19	A18			A20
A20				
A21				A22
A22	A21			A23
A23	A22	A21		A24
A24	A23			A25
A25				

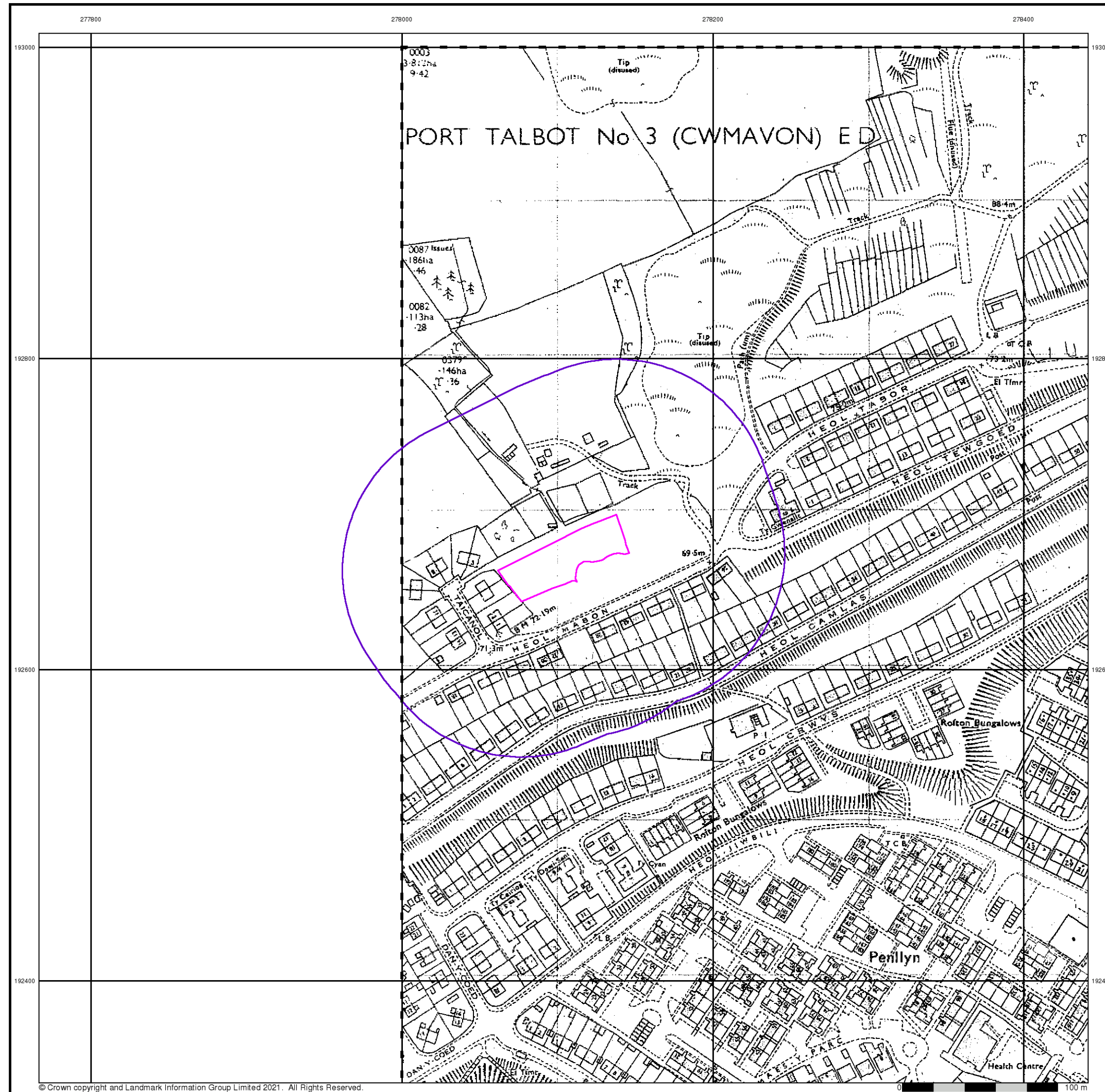


Order Number: 284338045_1_1
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Slice: A
Site Area (Ha): 0.2
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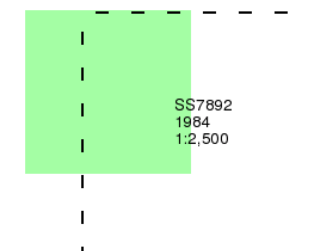
Additional SIMs

Published 1984

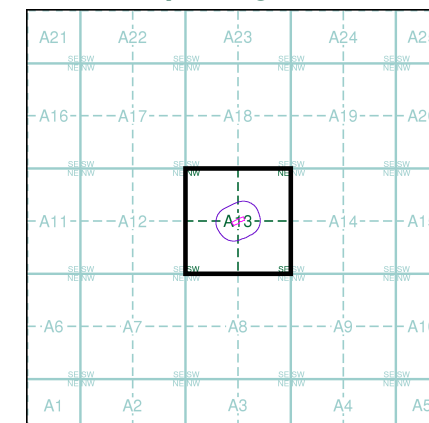
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

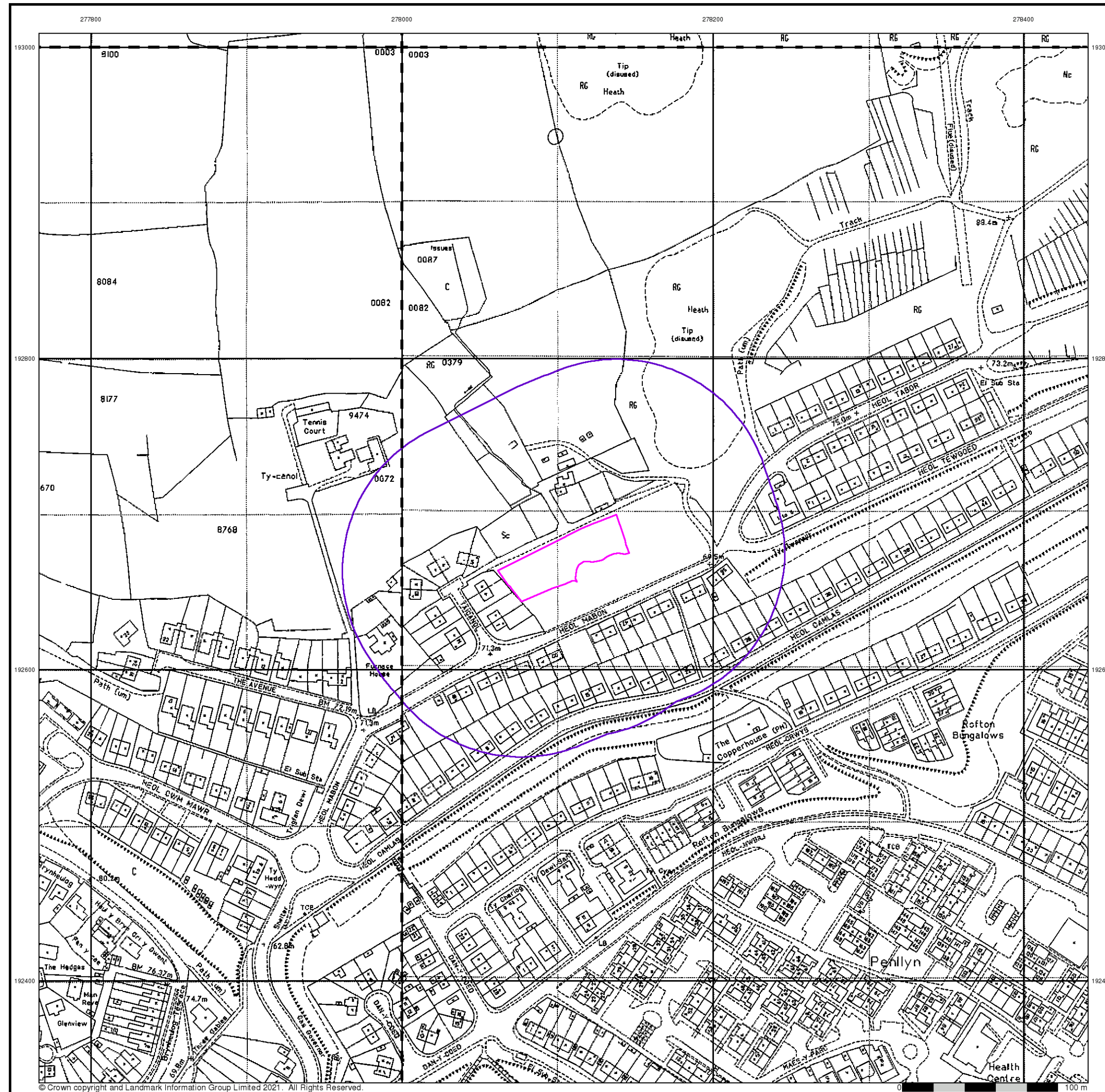
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Large-Scale National Grid Data

Published 1993

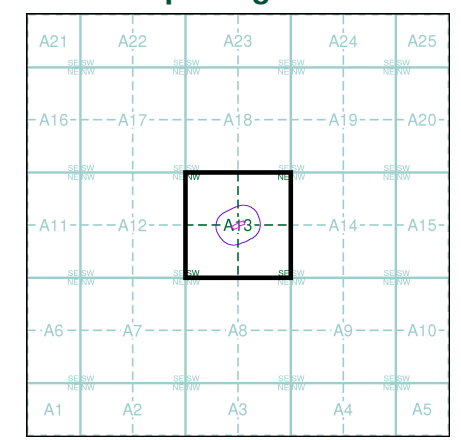
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SS7793 1993 12,500	SS7893 1993 12,500
SS7792 1993 12,500	SS7892 1993 12,500

Historical Map - Segment A13



Order Details

Order Number: 284338045_1_1
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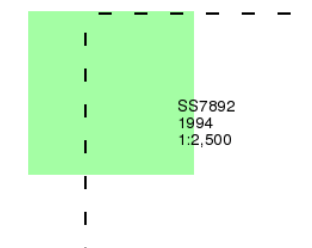
Large-Scale National Grid Data

Published 1994

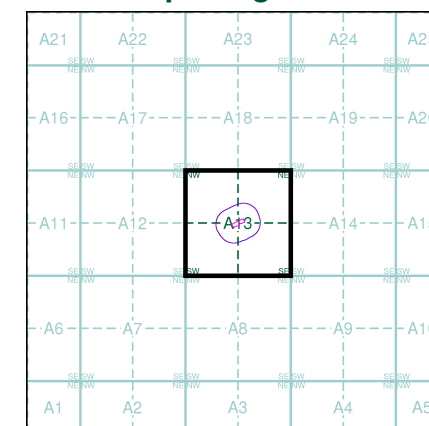
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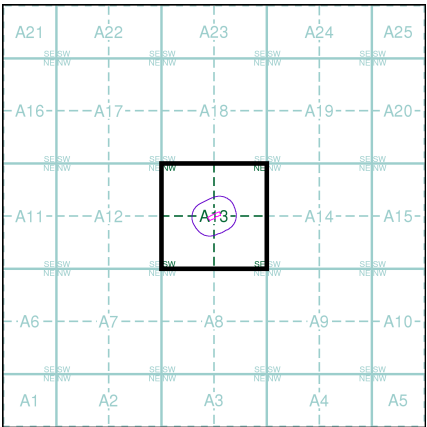
Geotechnical & Geoenvironmental Specialists

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



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**ANNEX B
Coal Authority Report**



The Coal
Authority

CON29M

coal mining report

5 PARK ROW, CWMAVON, NEATH PORT TALBOT, SA12 9PW



Known or potential coal mining risks

Past underground coal mining	Page 4
Future underground coal mining	Page 4



Further action

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

For more information on our reports please visit
www.groundstability.com



Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. In view of the coal mining circumstances we would recommend that any planned or future development should follow detailed technical advice before beginning work on site. Please see **page 3** for further details on **Future development**.

Your reference: **GOCD DR01**
Our reference: **51002564112001**
Date: **20 July 2021**

Client name:
Gareth Owen

If you require any further assistance please
contact our experts on:
0345 762 6848
groundstability@coal.gov.uk

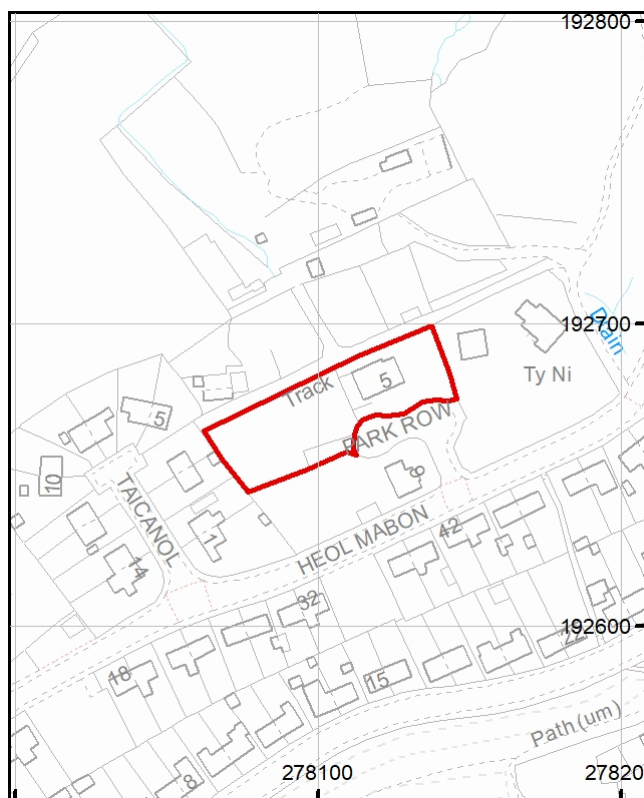


The Law
Society

Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is
on the coalfield



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



Accessibility

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



What if this information changes?

If this report is for a residential property, insurance is included to cover any loss in property value caused by any changes in the information contained in this report. Please see the attached certificate of insurance for the terms and conditions of this insurance. The insurance does not cover non-residential property or further action reports.

Your reference: **GOCD DR01**
Our reference: **51002564112001**
Date: **20 July 2021**

Client name:
Gareth Owen

If you require any further assistance please
contact our experts on:
0345 762 6848
groundstability@coal.gov.uk

Professional opinion



Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed.

If you are looking to develop, or undertake works, within a coal mining development high risk area your Local Authority planning department may require a Coal Mining Risk Assessment to be undertaken by a qualified mining geologist or engineer. Should you require any additional information then please contact the Coal Authority on **0345 762 6848** or email **cmra@coal.gov.uk**.

Detailed findings

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

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

1 Past underground coal mining

The property is in a surface area that could be affected by underground mining in 4 seams of coal at 30m to 220m depth, and last worked in 1900.

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

In addition the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered, particularly prior to any site works or future development activity, as ground movement could still be a risk. Your attention is drawn to the Professional opinion sections of the report.

2 Present underground coal mining

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

3 Future underground coal mining

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

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

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

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

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

4 Mine entries

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

5 Coal mining geology

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

6 Past opencast coal mining

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

7 Present opencast coal mining

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

8 Future opencast coal mining

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

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

9 Coal mining subsidence

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

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

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

10 Mine gas

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

11 Hazards related to coal mining

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

Statutory cover



Coal mining subsidence

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

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

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

www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form



Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **01623 646 333**. Further information can be found on our website: www.gov.uk/coalauthority.



On behalf of the insurer

Coal Mining Report Insurance Policy Schedule

Policy number: 29204808

The insurer: Liberty Legal Indemnities – underwritten by Liberty Mutual Insurance Europe SE

Binding Authority contract number: RNMFP2103841

Property: 5 PARK ROW, CWMAVON, NEATH PORT TALBOT, SA12 9PW

Report reference number: 51002564112001

Limit of cover: £50,000.00

Dated: 20 July 2021

This policy and schedule shall be read together and any word or expression to which a specific meaning has been attached in either shall bear such meaning wherever it may appear.

Where a Coal Mining Report has been obtained in connection with a sale of the property, cover is provided for the benefit of a purchaser and their lender; in the case of a re-mortgage or where the existing owner chooses to obtain a Coal Mining Report, cover is provided for the benefit of the owner and their lender.

The policy offers protection against loss sustained by the owner of the property if any new problems or adverse entries are revealed in a subsequent Coal Mining Report which were not revealed by the original report to which the policy was attached.

The insured shall at all times comply with the requirements of the Conditions of this Policy.

Coal Mining Report Terms and Conditions can be viewed online at this link:

<https://www.groundstability.com/insurance/terms/20190404/terms.html>

Glossary



Key terms

adit - horizontal or sloped entrance to a mine

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

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

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

coal seams - bed of coal of varying thickness

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

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

mine entries - collective name for shafts and adits

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

shaft - vertical entry into a mine

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

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

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

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

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

ANNEX C
Risk Assessment Definitions

The contaminated land regime is set out in Part 2A of the Environmental Protection Act (EPA) 1990 and was introduced on the 1st April 2000 in England and 1st July 2001 in Wales. A similar regime was introduced in Scotland on 14th July 2000.

Part 2A was introduced to achieve three overarching objectives:

- (a) To identify and remove unacceptable risks to human health and the environment.
- (b) To seek to ensure that contaminated land is made suitable for its current use.
- (c) To ensure that the burdens faced by individuals, companies and society as a whole are proportionate, manageable and compatible with the principles of sustainable development.

Under Part 2A the statutory definition of 'contaminated land' is:

"any land which appears to the local authority in whose area it is situated, to be in such a condition, by reason of substances in, on, or under the land, that:

- (a) Significant harm is being caused or there is a significant possibility of such harm being caused; or
- (b) Pollution of controlled waters is being, or is likely to be, caused."

Under Part 2A, for land to be classified as 'Contaminated Land' there must be one or more contaminant, pathway, receptor linkages, known as the '**Pollutant Linkage**'. A pollutant linkage requires three essential elements:

- (a) A **CONTAMINANT** (SOURCE) – a substance that is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters.
- (b) A **RECEPTOR** – something which could be adversely affected by a contaminant.
- (c) A **PATHWAY** – a route by which a receptor is or might be exposed to or affected by a contaminant.

The term 'Risk' is widely used in different contexts and situations, but a prescriptive definition is given by the Guidelines for Environmental Risk Assessment and Management (DEFRA *et al*, 2000):

'Risk is a combination of the probability, or frequency, of occurrence of a defined hazard and the magnitude of the consequences of the occurrence'.

Model Procedures for the Management of Land Contamination – Contamination Land Report 11 (2004) defines a 'Hazard' as

'a property or situation that in particular circumstances could lead to harm'.

A framework for qualitative risk assessment is provided in CIRIA publication C552 Contaminated Land Risk Assessment – A Guide to Good Practice (2001). The method requires an assessment of the magnitude of the probability of the risk occurring and the magnitude of the potential consequence. Classifications of consequences and probability, levels and descriptions of risk have been devised from the above publication and are defined in the following sections.

Classification of Consequence

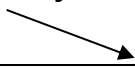
Table A Classification of Consequence	
Classification	Definition
Severe	• Short term (acute) risk to human health likely to result in significant harm • Short term risk to controlled waters • Catastrophic damage to buildings/structures • Short term risk to an ecosystem or organism within the particular ecosystem
Medium	• Chronic damage to human health (long term risk) • Pollution of a sensitive water resource • A significant change in an ecosystem or organism within the ecosystem
Mild	• Pollution of non-sensitive water resources • Significant damage to buildings/structures • Damage to sensitive buildings/structure/services or the environment
Negligible	• Harm (not necessarily significant) which may result in financial loss • Non-permanent health effects to humans (easily prevented by PPE for example) • Easily repairable effects of structural (building) damage

Classification of Probability

Table B Classification of Probability	
Classification	Definition
High Likelihood	• There is a complete pollution linkage and an event appears very likely to occur in the short term and is inevitable in the long term. • Evidence of harm to the receptor
Likely	• There is a complete pollution linkage which means that it is probable that an event will occur • The event is not inevitable but possible in short term and likely in the long term
Low Likelihood	• There is a complete pollution linkage and circumstances are possible under which an event could occur • It is not certain that an event will occur in the long term, and it is less likely to occur in the short term
Unlikely	• There is a complete pollution linkage but circumstances are such that it is improbable that an event would occur even in the long term

Risk Assessment Matrix

By comparing the consequences of a risk and the probability of the risk of a pollution linkage, the likely risk category can be determined as shown in **Table C** below.

Table C Risk Assessment Matrix					
Increasing acceptability 		Consequence			
		Severe	Medium	Mild	Negligible
Probability	High Likelihood	High risk	High risk	Medium risk	Low risk
	Likely	High risk	Medium risk	Low risk	Near zero risk
	Low Likelihood	Medium risk	Low risk	Low risk	Near zero risk
	Unlikely	Low risk	Near zero risk	Near zero risk	Near zero risk

Description of Risks and Likely Actions

High Risk

There is a high probability that severe harm could arise to a receptor, or there is evidence that a receptor is currently being severely harmed. The risk if realised is likely to result in liability, and urgent investigation or remediation will be required.

Medium Risk

It is probable that harm will arise to a receptor. However, it is relatively unlikely that such harm would be severe, or if harm does occur the harm is likely to be relatively mild. Investigation will be required to determine the liability, and some remedial works may be required in the long term.

Low Risk

It is possible that harm may arise to a receptor, but it is likely that the harm would be mild.

Near Zero Risk

There is a very low risk of harm to the receptor. In the event of harm being realised the harm is not likely to be severe.



Terra Firma (Wales) Ltd. 5 Deryn Court, Wharfedale Road, Pentwyn, Cardiff CF23 7HA
Tel: 029 2073 5354 **Fax:** 029 2073 5433 **Email:** info@terrafirmawales.co.uk www.terrafirmawales.co.uk

ANNEX B
Exploratory Hole Logs

Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name: 5 Park Row

Project No: 16881

Co-ords:

Hole Type
WLS

Location: Cwmavon, Neath Port Talbot

Level:

Scale
1:50

Client: David & Marie Rees

Dates: 21/10/2021 -

Logged By
MW

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.10				MADE GROUND. Grass over brown organic-rich sandy slightly gravelly CLAY with some roots. Gravel is angular mudstone, sandstone and rare brick.	
	1.00	SPT	N=4 (2,1/1,1,1,1)					MADE GROUND. Very soft to soft brown slightly andy slightly gravelly CLAY. Gravel is angular sandstone and occasional concrete. Low cobble content of angular concrete.	1
				1.50				Soft grey and orangish brown sandy slightly gravelly CLAY. Gravel is angular sandstone.	
	2.00	SPT	N=30 (3,6/6,7,8,9)	2.00				Stiff to very stiff brown sandy slightly gravelly CLAY with occasional lenses of clayey sandy GRAVEL. Gravel is angular sandstone.	2
	3.00	SPT	N=21 (2,2/3,3,5,10)					<u>Becoming stiff from 3.0m.</u>	3
				3.50				Very dense brown slightly clayey very gravelly SAND. Gravel is angular sandstone.	
	4.00	SPT	N=50 (7,15/13,12,13,12)	4.00				End of Borehole at 4.000m	4
									5
									6
									7
									8
									9
									10

Remarks: 1] On completion borehole backfilled with arisings.

Borehole Log

Borehole No.

WS02

Sheet 1 of 1

Project Name: 5 Park Row

Project No: 16881

Co-ords:

Hole Type
WLS

Location: Cwmavon, Neath Port Talbot

Level:

Scale
1:50

Client: David & Marie Rees

Dates: 21/10/2021 -

Logged By
MW

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.20				MADE GROUND. Grass over brown organic-rich sandy slightly gravelly CLAY with some roots. Gravel is angular mudstone, sandstone and rare brick.	
	1.00	SPT	50 (5,9/50 for 285mm)	1.30				Very dense grey and orangish brown clayey very gravelly SAND. Gravel is angular sandstone.	1
	2.00	SPT	50 (5,6/50 for 280mm)	2.00				Very stiff brown and grey sandy slightly gravelly CLAY. Gravel is angular sandstone.	2
								End of Borehole at 2.000m	2
									3
									4
									5
									6
									7
									8
									9
									10

Remarks: 1] On completion borehole backfilled with arisings.

Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: 5 Park Row

Project No: 16881

Co-ords:

Hole Type
WLS

Location: Cwmavon, Neath Port Talbot

Level:

Scale
1:50

Client: David & Marie Rees

Dates: 21/10/2021 -

Logged By
MW

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.10				MADE GROUND. Grass over brown organic-rich sandy slightly gravelly CLAY with some roots. Gravel is angular mudstone, sandstone and rare brick.	
				0.30				Firm brown and grey slightly sandy CLAY.	
	1.00	SPT	N=0 (0,1/0,0,0,0)	1.25				Very soft dark brown organic-rich silty sandy slightly gravelly CLAY. Occasional fragments of brick, slag, glass, plastic.	1
	2.00	SPT	N=48 (3,5/7,11,15,15)	1.90				Soft grey and orangish brown sandy slightly gravelly CLAY. Gravel is angular sandstone.	
	3.00	SPT	50 (5,5/50 for 285mm)	3.00				Very stiff brown sandy slightly gravelly CLAY with occasional lenses of clayey sandy GRAVEL. Gravel is angular sandstone.	2
								End of Borehole at 3.000m	3
									4
									5
									6
									7
									8
									9
									10

Remarks: 1] On completion borehole backfilled with arisings.

Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: 5 Park Row

Project No:
16881

Co-ords:

Hole Type
WLS

Location: Cwmavon, Neath Port Talbot

Level:

Scale
1:50

Client: David & Marie Rees

Dates: 21/10/2021 -

Logged By
MW

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Well	Legend	Stratum Description	
	Depth (m)	Type	Results						
				0.20				MADE GROUND. Grass over brown organic-rich sandy slightly gravelly CLAY with some roots. Gravel is angular mudstone, sandstone and rare brick.	
				0.70				Soft brown sandy slightly gravelly CLAY. Gravel is angular sandstone.	
	1.00	SPT	N=37 (5,7/8,8,11,10)					Very stiff grey and orangish brown sandy slightly gravelly CLAY with low cobble content. Gravel and cobbles are angular sandstone. Occasional lenses of clayey sandy GRAVEL.	1
	2.00	SPT	N=37 (4,7/8,8,11,10)						2
				2.60					
	3.00	SPT	N=50 (5,7/8,10,15,17)	3.00				Very dense brwn slightly clayey very gravelly SAND. Gravel is angular sandstone.	3
								End of Borehole at 3.000m	
									4
									5
									6
									7
									8
									9
									10

Remarks: 1] On completion borehole backfilled with arisings.

ANNEX C
Laboratory Soil Chemical Test Results



Amended Report

Report No.:	21-37065-2		
Initial Date of Issue:	29-Oct-2021	Date of Re-Issue:	11-Nov-2021
Client	Terra Firma (Wales) Ltd		
Client Address:	5 Deryn Court Wharfedale Road Pentwyn Cardiff CF23 7HA		
Contact(s):	michael@terrafirmawales.co.uk		
Project	Cwmafan		
Quotation No.:	Q20-21666	Date Received:	25-Oct-2021
Order No.:	16881-MW	Date Instructed:	25-Oct-2021
No. of Samples:	6		
Turnaround (Wkdays):	14	Results Due:	11-Nov-2021
Date Approved:	11-Nov-2021		

Approved By:

Details: Glynn Harvey, Technical Manager

Results - Leachate

Project: Cwmafan

Client: Terra Firma (Wales) Ltd	Chemtest Job No.:					21-37065	21-37065	21-37065	21-37065	21-37065
Quotation No.: Q20-21666	Chemtest Sample ID.:					1305399	1305400	1305402	1305403	1305404
	Client Sample ID.:					WS01	WS02	WS03	WS04	WS04
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					0.5	0.1	0.5	0.1	0.5
	Date Sampled:					21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021
	Time Sampled:					12:00	12:00	12:00	12:00	12:00
Determinand	Accred.	SOP	Type	Units	LOD					
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	1.2	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	0.31	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Results - Soil

Project: Cwmafan

Client: Terra Firma (Wales) Ltd	Chemtest Job No.:		21-37065	21-37065	21-37065	21-37065	21-37065	21-37065	21-37065
Quotation No.: Q20-21666	Chemtest Sample ID.:		1305399	1305400	1305401	1305402	1305403	1305404	
	Client Sample ID.:		WS01	WS02	WS02	WS03	WS04	WS04	
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):		0.5	0.1	0.5	0.5	0.1	0.5	
	Date Sampled:		21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021	
	Time Sampled:		12:00	12:00	12:00	12:00	12:00	12:00	
	Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	
Determinand	Accred.	SOP	Units	LOD					
ACM Type	U	2192		N/A	-	-	-	Fibres/Clumps	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected
Asbestos by Gravimetry	U	2192	%	0.001				<0.001	
Total Asbestos	U	2192	%	0.001				<0.001	
Moisture	N	2030	%	0.020	21	23	12	41	25
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones	Stones	Stones
Soil Texture	N	2040		N/A	Sand	Sand	Sand	Sand	Sand
pH	M	2010		4.0	8.4	7.2	7.7	7.5	7.5
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	< 0.40	0.44	< 0.40	0.81	0.50
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010				0.057	
Total Sulphur	M	2175	%	0.010				0.14	
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphate (Acid Soluble)	M	2430	%	0.010	0.039	0.040	< 0.010	0.095	0.032
Arsenic	M	2450	mg/kg	1.0	35	33	8.5	47	62
Beryllium	U	2450	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cadmium	M	2450	mg/kg	0.10	0.41	0.64	< 0.10	2.6	1.1
Chromium	M	2450	mg/kg	1.0	11	15	16	30	21
Mercury Low Level	M	2450	mg/kg	0.05	0.24	0.16	0.06	0.36	0.26
Manganese	M	2450	mg/kg	5.0	730	600	710	660	710
Molybdenum	M	2450	mg/kg	2.0	2.0	< 2.0	< 2.0	3.3	2.9
Antimony	N	2450	mg/kg	2.0	2.5	2.4	< 2.0	13	5.8
Copper	M	2450	mg/kg	0.50	120	140	27	440	200
Nickel	M	2450	mg/kg	0.50	17	21	24	71	34
Lead	M	2450	mg/kg	0.50	73	110	16	330	230
Selenium	M	2450	mg/kg	0.20	0.65	0.63	0.35	1.1	0.98
Zinc	M	2450	mg/kg	0.50	200	310	67	890	520
Chromium (Trivalent)	N	2490	mg/kg	1.0	11	15	16	30	21
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: Cwmafan

Client: Terra Firma (Wales) Ltd	Chemtest Job No.:				21-37065	21-37065	21-37065	21-37065	21-37065	21-37065
Quotation No.: Q20-21666	Chemtest Sample ID.:				1305399	1305400	1305401	1305402	1305403	1305404
	Client Sample ID.:				WS01	WS02	WS02	WS03	WS04	WS04
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.5	0.1	0.5	0.5	0.1	0.5
	Date Sampled:				21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021	21-Oct-2021
	Time Sampled:				12:00	12:00	12:00	12:00	12:00	12:00
	Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD						
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	< 10	< 10	< 10	< 10	< 10
Naphthalene	M	2700	mg/kg	0.10	6.2	5.2	< 0.10	6.3	6.4	2.2
Acenaphthylene	M	2700	mg/kg	0.10	0.16	0.14	< 0.10	0.41	0.10	0.39
Acenaphthene	M	2700	mg/kg	0.10	0.50	0.20	< 0.10	1.0	0.24	0.32
Fluorene	M	2700	mg/kg	0.10	0.21	0.10	< 0.10	0.77	0.14	0.42
Phenanthrene	M	2700	mg/kg	0.10	3.1	1.2	< 0.10	11	1.5	0.46
Anthracene	M	2700	mg/kg	0.10	0.59	0.14	< 0.10	1.8	0.23	0.44
Fluoranthene	M	2700	mg/kg	0.10	5.2	1.9	0.21	16	2.8	0.64
Pyrene	M	2700	mg/kg	0.10	4.3	1.5	0.24	13	2.5	0.49
Benzo[a]anthracene	M	2700	mg/kg	0.10	2.2	0.94	0.13	6.5	1.1	0.43
Chrysene	M	2700	mg/kg	0.10	3.2	1.5	0.29	12	1.8	0.55
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	3.2	1.4	< 0.10	11	1.9	0.46
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	1.3	0.80	< 0.10	4.5	1.2	0.51
Benzo[a]pyrene	M	2700	mg/kg	0.10	2.1	1.1	< 0.10	6.5	1.4	0.44
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	1.9	0.78	< 0.10	5.3	1.1	0.48
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	0.56	0.35	< 0.10	2.0	0.46	0.46
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	1.5	0.79	< 0.10	4.9	0.68	0.34
Total Of 16 PAH's	M	2700	mg/kg	2.0	36	18	< 2.0	100	24	9.0
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Organic Matter BS1377	N	2930	%	0.10	2.6	2.6	0.80	2.3	3.3	0.60

Test Methods

SOP	Title	Parameters included	Method summary
1700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
2930	Organic Matter	Organic Matter	Acid Dichromate digestion/Titration
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com

ANNEX D
Laboratory Geotechnical Test Results



Contract Number: 56382

Client Ref:

Report Date: **10-11-2021**

Client PO:

Client **Terrafirma Wales Ltd**
5 Deryn Court
Wharfedale Road
Pentwyn
Cardiff
CF23 7HB

Contract Title: **Cwmafan**
For the attention of: **Michael Watkins**

Date Received: **25-10-2021**
Date Completed: **10-11-2021**

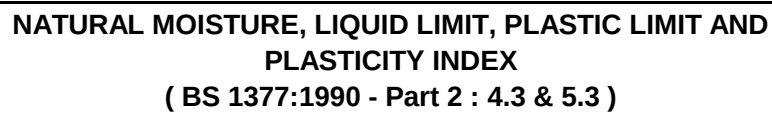
Test Description	Qty
Samples Received - @ Non Accredited Test	2
Moisture Content BS 1377:1990 - Part 2 : 3.2 - * UKAS	2
4 Point Liquid & Plastic Limit BS 1377:1990 - Part 2 : 4.3 & 5.3 - * UKAS	2
BRE Reduced Suite includes pH, water & acid soluble sulphate and total sulphur Sub-contracted Test - @ Non Accredited Test	1
Disposal of samples for job	1

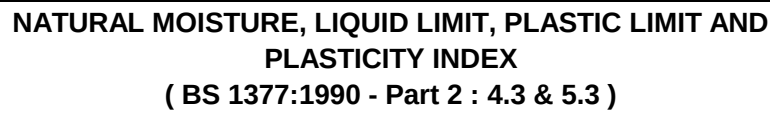
Notes: **Observations and Interpretations are outside the UKAS Accreditation**
* - denotes test included in laboratory scope of accreditation
- denotes test carried out by approved contractor
@ - denotes non accredited tests

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved Signatories:

Emma Sharp (Business Support Manager) - Paul Evans (Director) - Richard John (Quality/Technical Manager)
Shaun Jones (Laboratory manager) - Shaun Thomas (Site Manager) - Wayne Honey (Quality Assistant / Administrator / Health and Safety Coordinator)

[illegible]

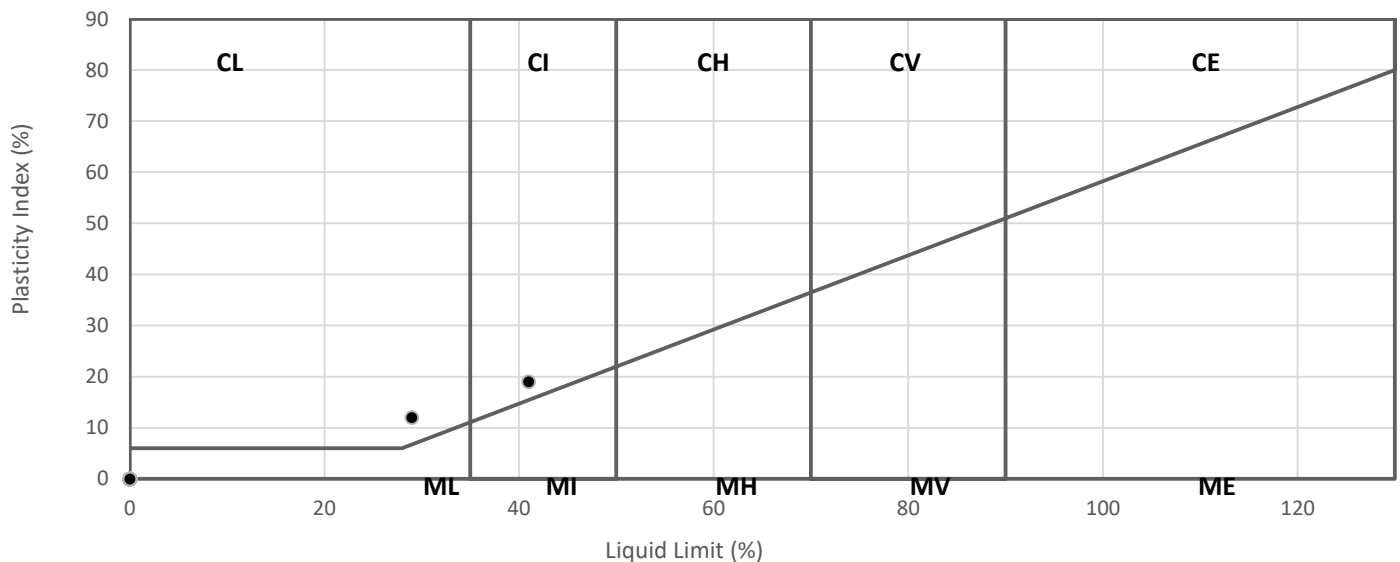


Contract Number	56382	
Project Location	Cwmafan	
Date Tested	04/11/2021	

[illegible]

Symbols: NP : Non Plastic # : Liquid Limit and Plastic Limit Wet Sieved

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION BS 5930:1999+A2:2010



Operators	Checked	10/11/2021	Richard John (Advanced Testing Manager)
Jordan Williams	Approved	10/11/2021	Paul Evans (Quality/Technical Manager)





DETS

Certificate of Analysis

Certificate Number 21-23050

Issued: 04-Nov-21

Client GEO Site and Testing Services Ltd
Unit 4
Heol Aur
Dafen Ind Est
Dafen
Carmarthenshire
SA14 8QN

Our Reference 21-23050

Client Reference 16881-MW

Order No (not supplied)

Contract Title CWMAFAN

Description One Soil sample.

Date Received 28-Oct-21

Date Started 28-Oct-21

Date Completed 04-Nov-21

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By



Adam Fenwick
Contracts Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 21-23050

Client Ref 16881-MW

Contract Title CWMAFAN

Lab No	1926827
Sample ID	WS01
Depth	1.40
Other ID	
Sample Type	SOIL
Sampling Date	n/s
Sampling Time	n/s

Test	Method	LOD	Units	
Inorganics				
pH	DETSC 2008#		pH	7.6
Sulphate Aqueous Extract as SO ₄	DETSC 2076#	10	mg/l	14
Sulphur as S, Total	DETSC 2320	0.01	%	0.01
Sulphate as SO ₄ , Total	DETSC 2321#	0.01	%	0.02

Information in Support of the Analytical Results

Our Ref 21-23050
 Client Ref 16881-MW
 Contract CWMAFAN

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1926827	WS01 1.40 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (30 days), Total Sulphur ICP (7 days), Total Sulphate ICP (30 days), Metals ICP Prep (182 days), pH + Conductivity (7 days)	

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

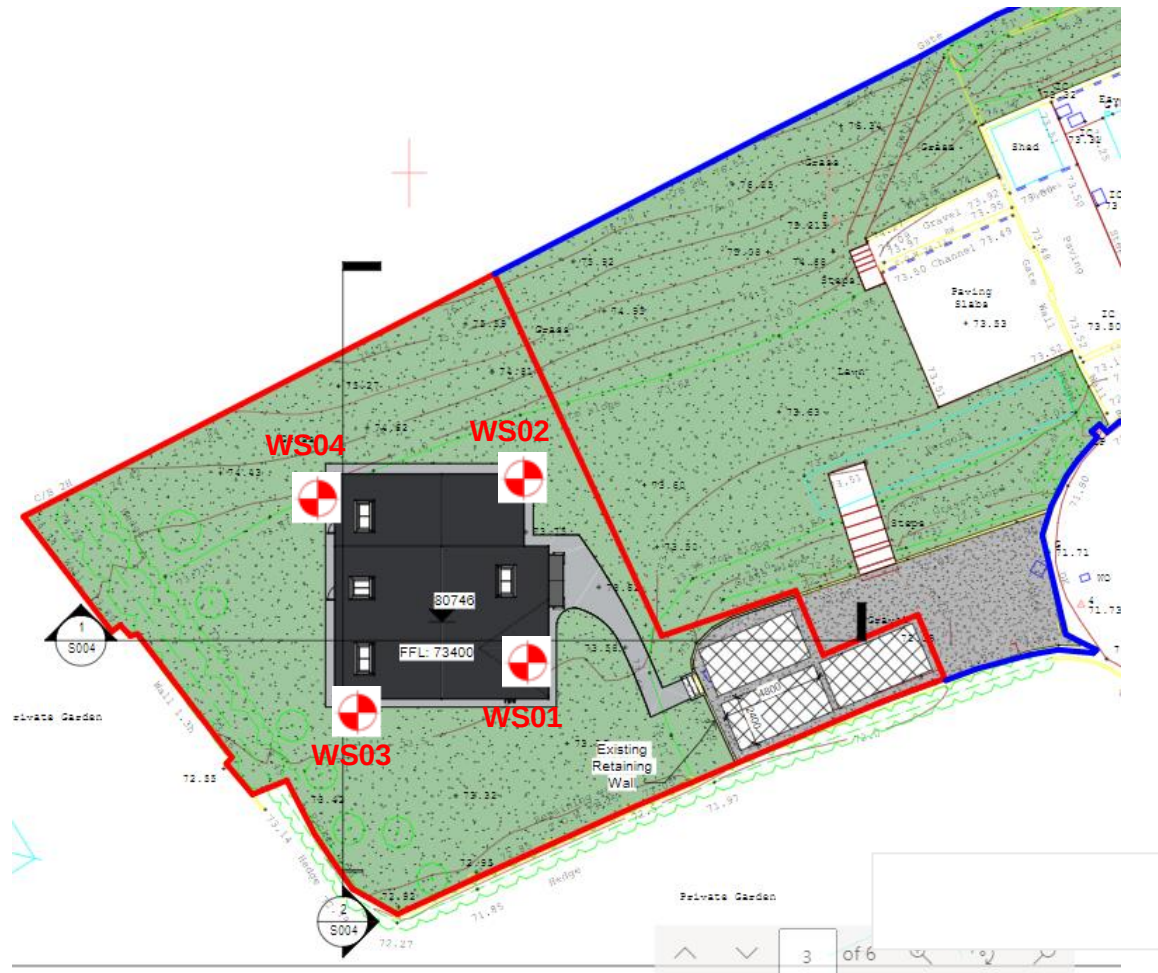
Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report

DRAWINGS



15568

5 Parc Row, Cwmavon

Exploratory Hole Layout

01

Not To Scale

North





Terra Firma (Wales) Ltd. 5 Deryn Court, Wharfedale Road, Pentwyn, Cardiff CF23 7HA
Tel: 029 2073 5354 **Fax:** 029 2073 5433 **Email:** info@terrafirmawales.co.uk www.terrafirmawales.co.uk

DRAWINGS



NOTES:



DRAWING STATUS

Planning

PROJECT

New Build Dwelling, 5 Park Row,
Cwmavon

TITLE

Concept Sketch

CLIENT

Delyth Rees

DRAWN BY
Gareth Owen

DATE
16.04.21

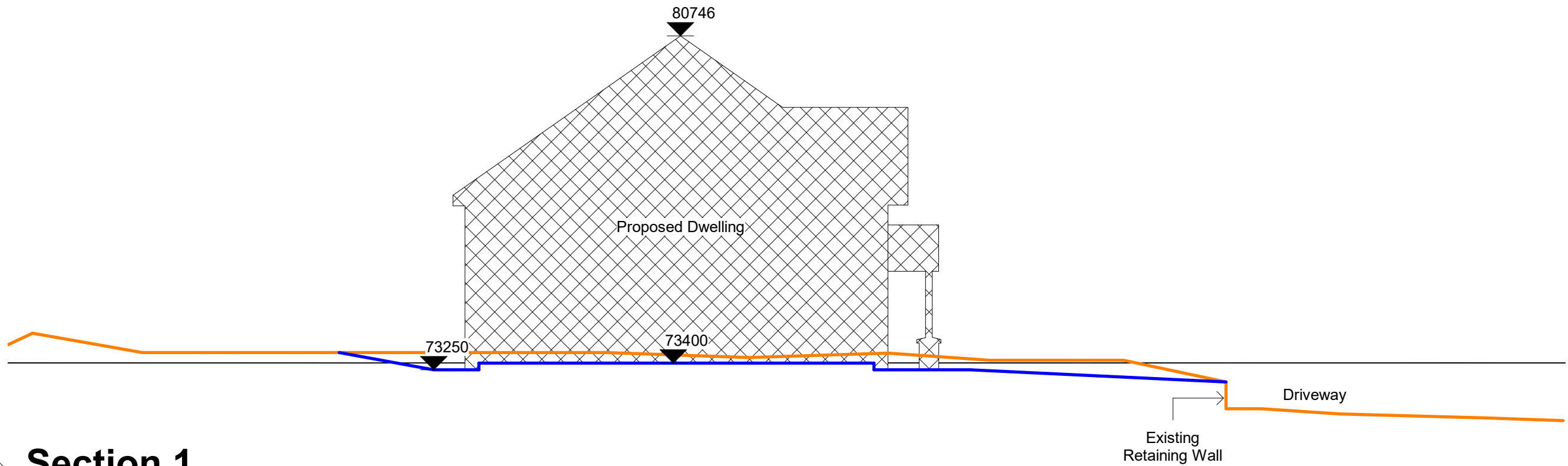
SCALE (@A3)

PROJECT NO.
GOCD DR01

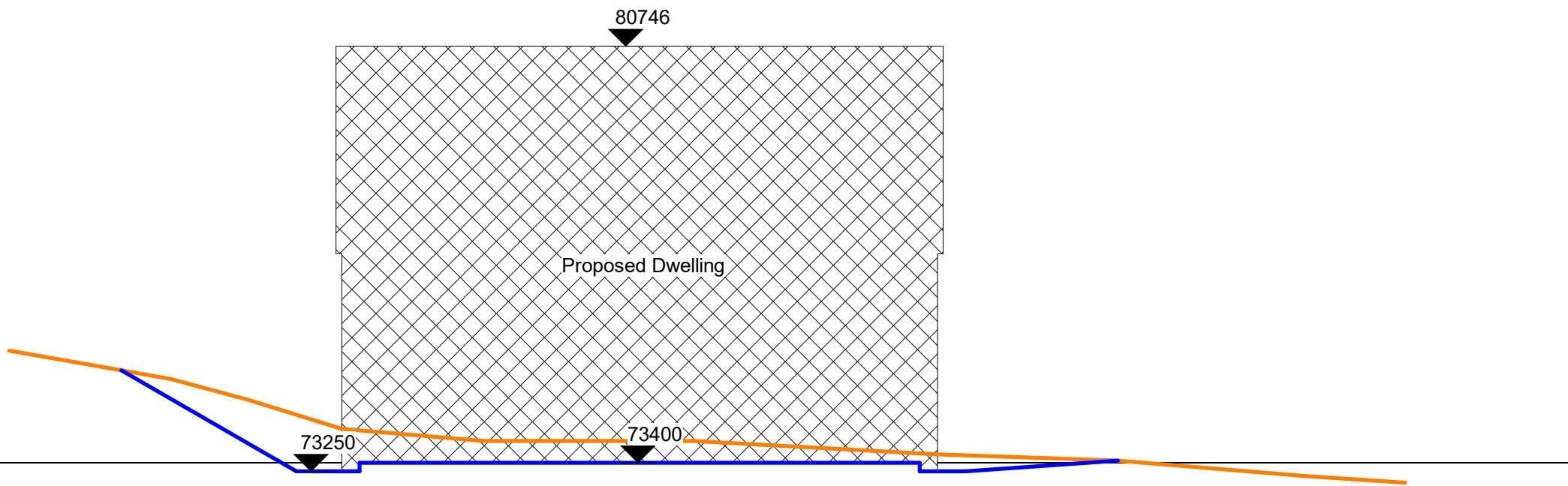
DRAWING NO.
A001

REV
P1

GO CONCEPT DESIGNS LTD, 9 DARWIN RD, PORT TALBOT, SA12 6BT
gareth@goconceptdesigns.co.uk adriana@goconceptdesigns.co.uk



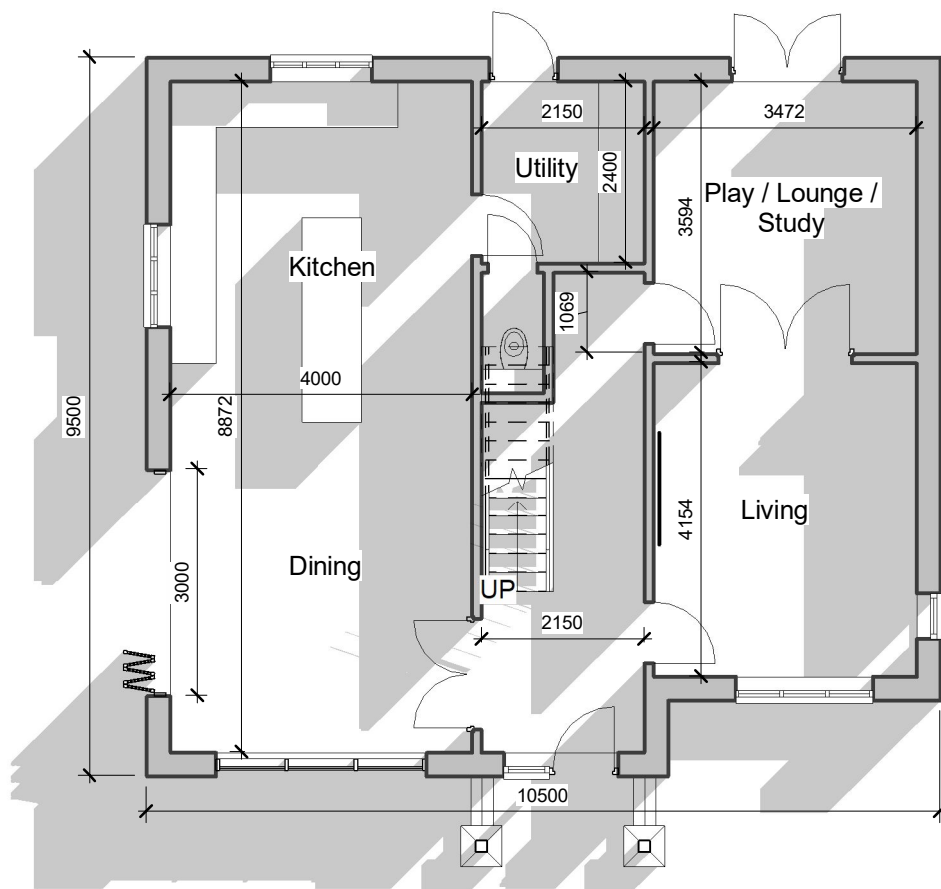
1 Section 1
1 : 100



2 Section 2
1 : 100



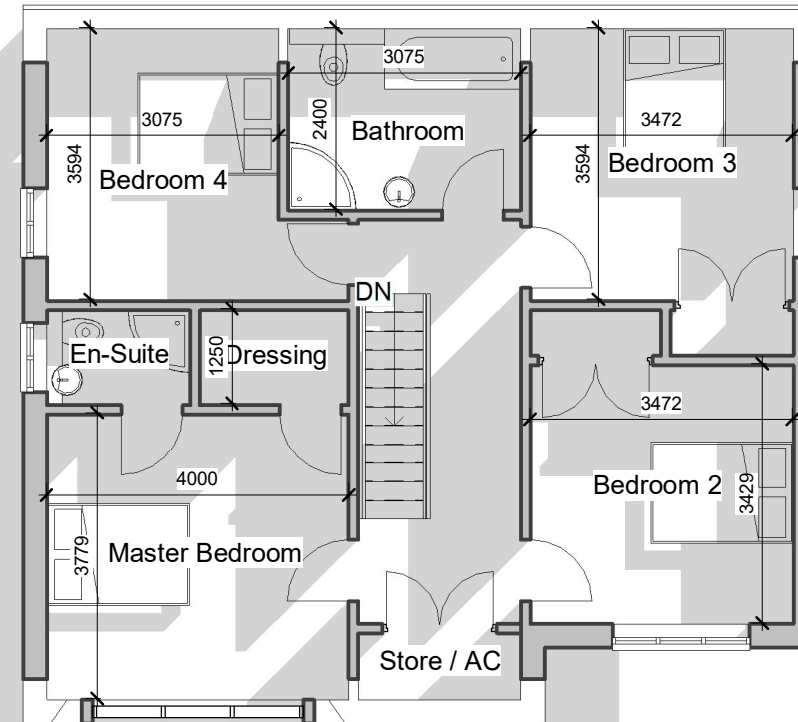
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Planning	
PROJECT	
New Build Dwelling, 5 Park Row, Cwmavon	
TITLE	
Site Sections	
CLIENT	
Delyth Rees	
DRAWN BY	DATE
Gareth Owen	16.04.21
SCALE (@A3)	PROJECT NO.
1 : 100	GOCD DR01
DRAWING NO.	REV
S004	P1
GO CONCEPT DESIGNS, 9 DARWIN RD, PORT TALBOT, SA12 6BT	
gareth@goconceptdesigns.co.uk	



1

Proposed Ground Floor

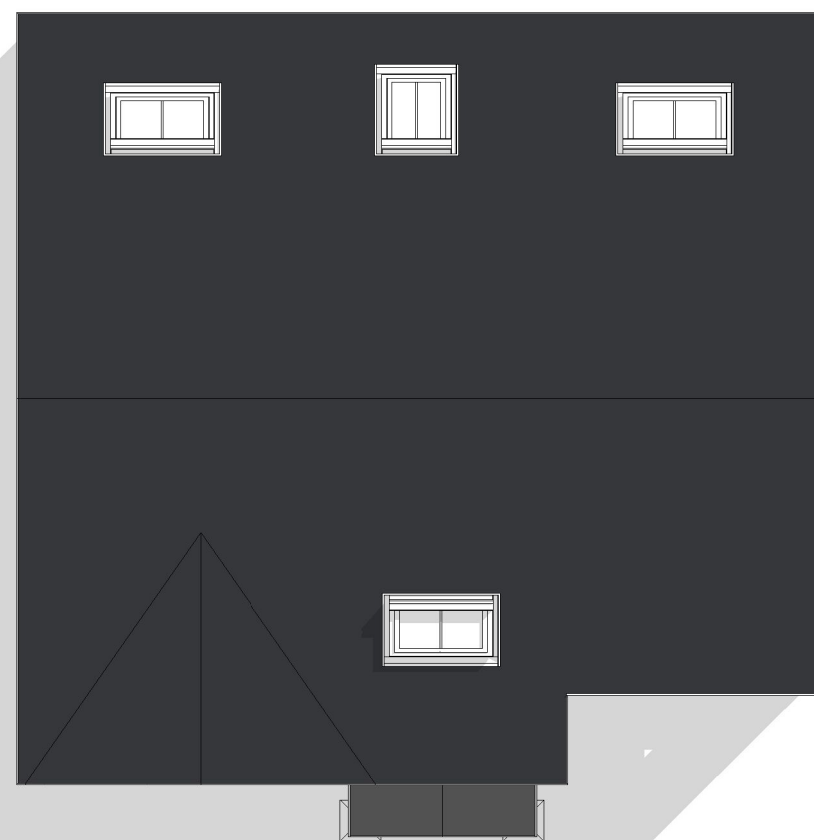
1 : 100



2

Proposed First Floor

1 : 100



3

Proposed Roof

1 : 100

NOTES:



DRAWING STATUS

Planning

PROJECT

New Build Dwelling, 5 Park Row,
Cwmavon

TITLE

Proposed Floor Plans

CLIENT

Delyth Rees

DRAWN BY
Gareth Owen

DATE
16.04.21

SCALE (@A3)
1 : 100

PROJECT NO.
GOCD DR01

DRAWING NO.
B001

REV
P1

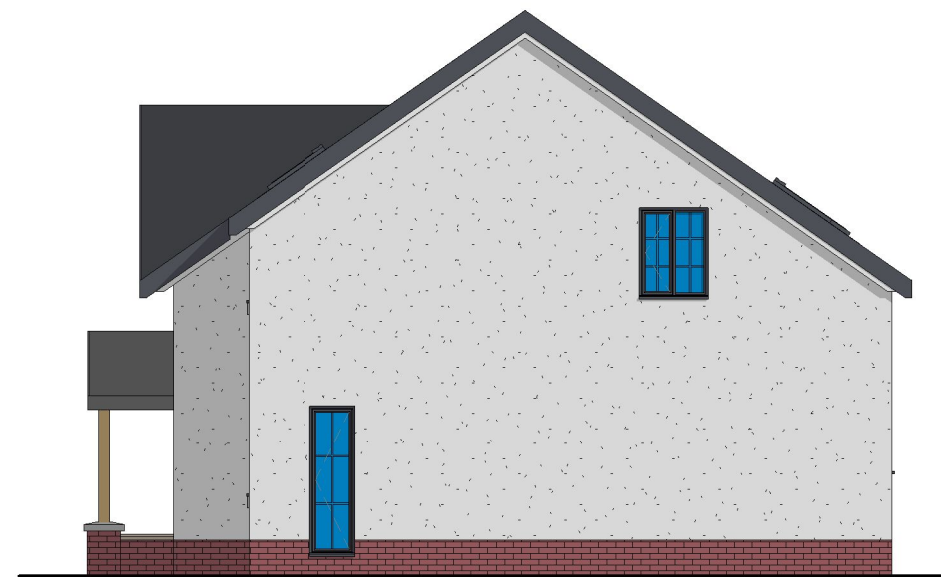
GO CONCEPT DESIGNS LTD, 9 DARWIN RD, PORT TALBOT, SA12 6BT
gareth@goconceptdesigns.co.uk adiana@goconceptdesigns.co.uk



1 Proposed Front
1 : 100



2 Proposed Rear
1 : 100



3 Proposed Right
1 : 100



4 Proposed Left
1 : 100

NOTES:



DRAWING STATUS

Planning

PROJECT

New Build Dwelling, 5 Park Row,
Cwmavon

TITLE

Proposed Elevations

CLIENT

Delyth Rees

DRAWN BY

Gareth Owen

DATE

16.04.21

SCALE (@A3)

1 : 100

PROJECT NO.

GOCD DR01

DRAWING NO.

B002

REV

P1

GO CONCEPT DESIGNS LTD, 9 DARWIN RD, PORT TALBOT, SA12 6BT
gareth@goconceptdesigns.co.uk adiana@goconceptdesigns.co.uk



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Tel: 029 2073 5354 **Fax:** 029 2073 5433 **Email:** info@terrafirmawales.co.uk www.terrafirmawales.co.uk