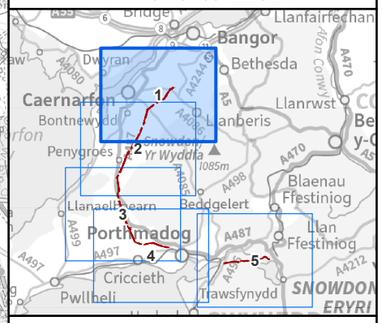
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

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0 1 2 3 4 5
Kilometres

Rev	Date	Description	GIS	Chk	App
A	15/08/2025	Environmental Statement	AB	RD	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.2.1 LOCATION OF THE PROPOSED WORKS

Creator:	Date:	Checker:	Date:	Approver:	Date:
AB	15/08/2025	RD	15/08/2025	NL	15/08/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
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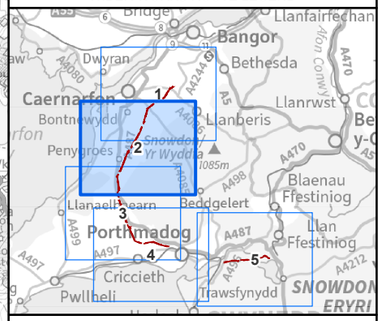
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

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Kilometres

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

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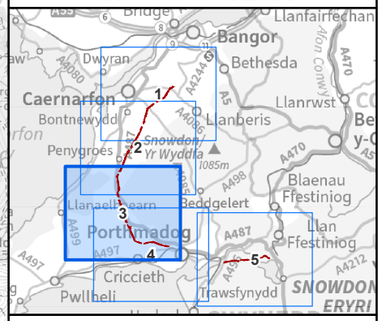
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Rev	Date	Description	GIS	Chk	App
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nationalgrid

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PENTIR TO TRAWSFYNYDD REINFORCEMENT

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FIGURE 6.2.1
LOCATION OF THE PROPOSED WORKS

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AB	15/08/2025	RD	15/08/2025	NL	15/08/2025

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0 1 2 3 4 5
Kilometres

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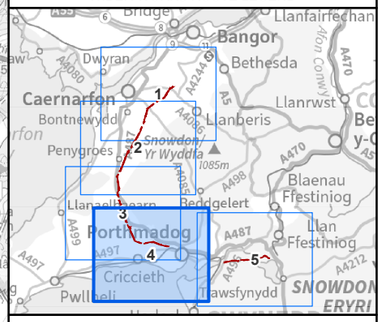
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

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Kilometres

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

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AB	15/08/2025	RD	15/08/2025	NL	15/08/2025

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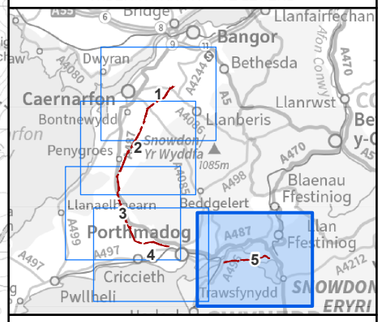
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

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Kilometres

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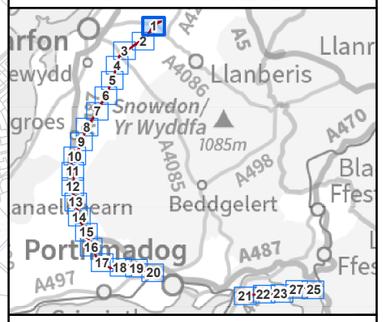
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

400kV Cable

Other Cable

Proposed Works

Install Fibre Wrap on Existing Earthwire

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FIGURE	1:6,000	A3	1 OF 25	A

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Metres

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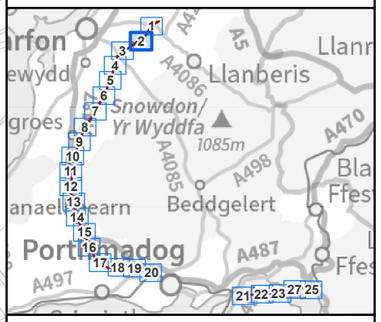
4ZC134
4ZC133
4ZC132
4ZC131
4ZC130
4ZC129

Cairn
Burnt Mound
Hut Circle
Burnt Mound
Hut Circles

WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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0 100 200 300 400 500
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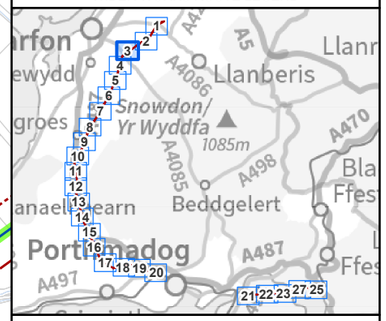

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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0 100 200 300 400 500

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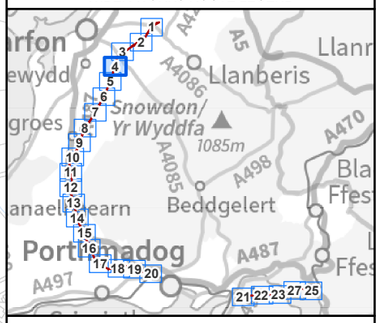
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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Metres

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AB	04/09/2025	RD	04/09/2025	NL	04/09/2025

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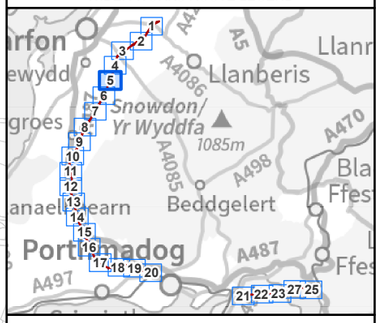

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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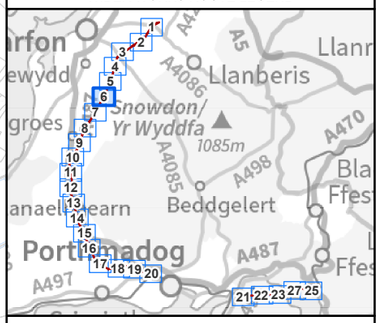

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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Metres

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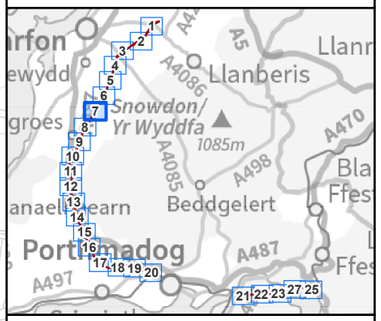

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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Metres

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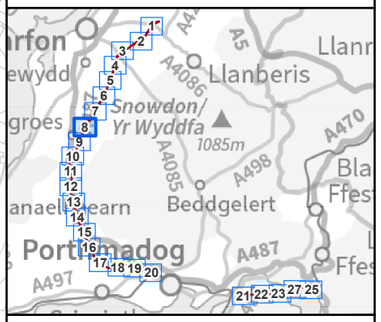

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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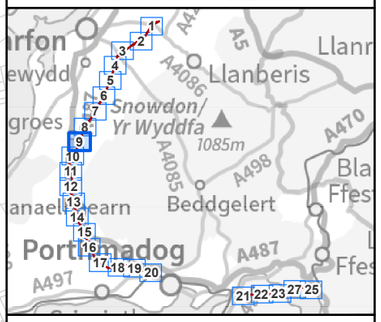

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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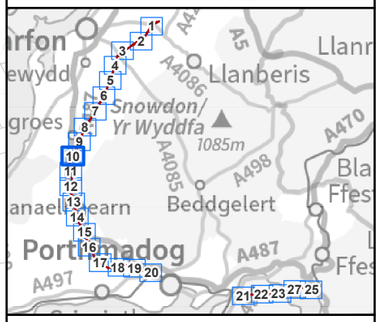
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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0 100 200 300 400 500

Metres

Rev	Date	Description	GIS	Chk	App
A	04/09/2025	Environmental Statement	AB	RD	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

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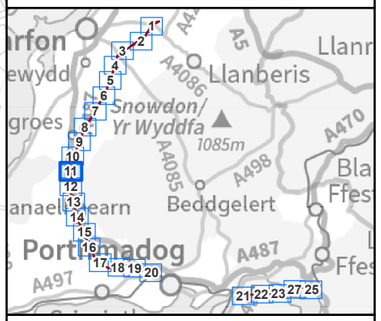
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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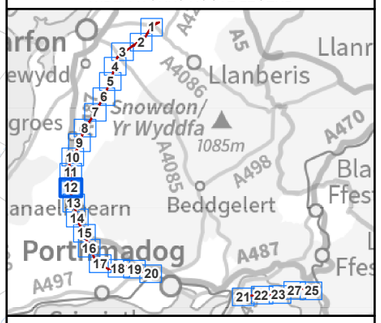

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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Metres

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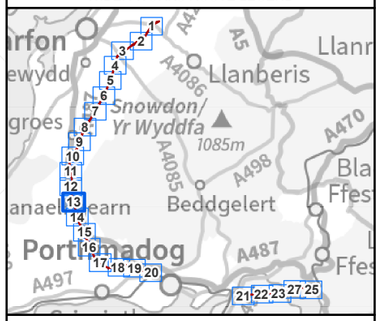
Metres

WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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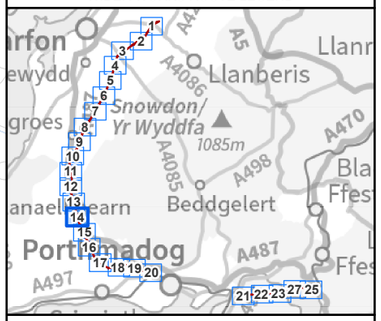

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

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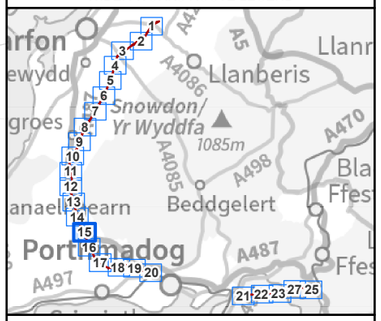
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Install Fibre Wrap on Existing Earthwire

Reconductoring

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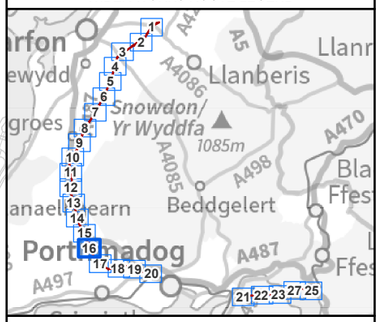

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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Metres

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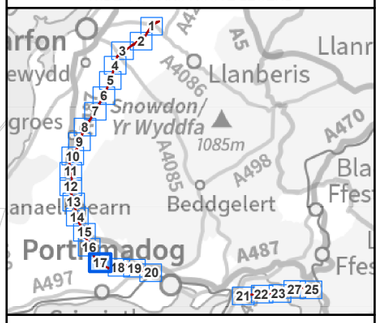
Metres

WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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Metres

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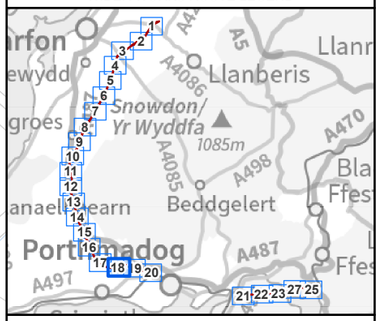
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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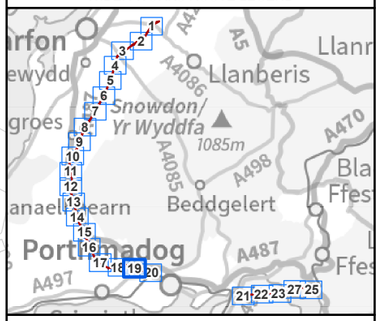

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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Metres

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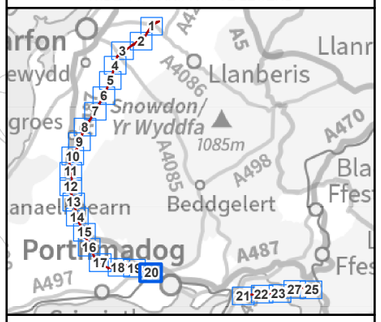

Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

400kV Cable

Proposed Works

Reconductoring

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Metres

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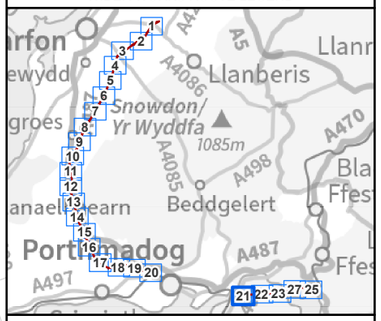
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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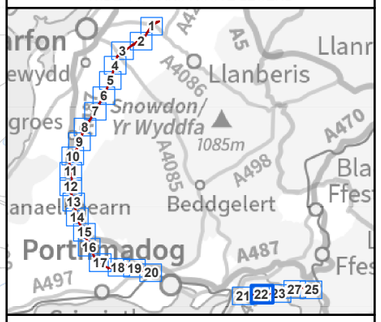
WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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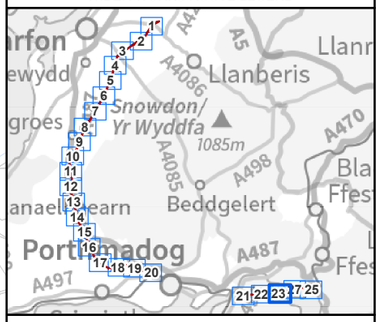

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Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

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Metres

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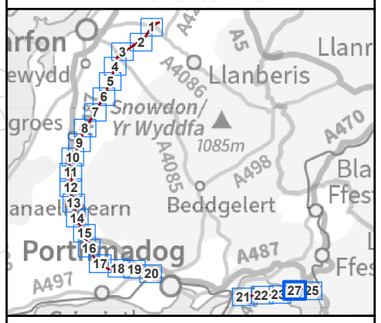
4ZC008
4ZC006
4ZC010
4ZC009
4ZC011
4ZC012

WIDER WORKS ROUTE LEGEND



Legend

Indicative Wider Works Site Boundary

Existing Transmission System

Tower

400kV OHL

Proposed Works

Reconductoring

Rev	Date	Description	GIS	Chk	App
A	04/09/2025	Environmental Statement	AB	RD	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.2.2 WIDER WORKS SITE

Creator:	Date:	Checker:	Date:	Approver:	Date:
AB	04/09/2025	RD	04/09/2025	NL	04/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:6,000	A3	27 OF 25	A

0 100 200 300 400 500
Metres

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4ZC006

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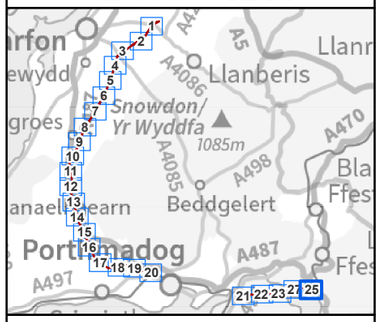
WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary

Existing Transmission System

- Tower
- 275kV OHL
- 400kV OHL
- 132kV Cable
- 275kV Cable
- 400kV Cable
- Other Cable
- Existing Trawsfynydd Substation

Proposed Works

- Reconductoring

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0 100 200 300 400 500

Metres

Rev	Date	Description	GIS	Chk	App
A	04/09/2025	Environmental Statement	AB	RD	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.2.2 WIDER WORKS SITE

Creator:	Date:	Checker:	Date:	Approver:	Date:
AB	04/09/2025	RD	04/09/2025	NL	04/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:6,000	A3	25 OF 25	A

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N

HOLYHEAD to Dublin 3 hrs

Dublin 2 hrs

ANGLESEY / YNYS MÔN

CAERNARFON BAY / BAE CAERNARFON

Y Fenai a Bae Conwy / Menai Strait and Conwy Bay SAC

Traeth Lafan / Lavan Sands, Conway Bay SPA

Glannau Môn: Cors heli / Anglesey Coast: Saltmarsh SAC

Y Twyni o Abermenai i Aberffraw / Abermenai to Aberffraw Dunes SAC

Glynllifon SAC

Eryri / Snowdonia SAC

Mwyngloddiau Fforest Gwydir / Gwydyr Forest Mines SAC

Corsydd Eifionydd / Eifionydd Fens SAC

Afon Gwyrfai a Llyn Cwellyn SAC

Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC

Migneint-Arenig-Ddoallt SAC

Migneint-Arenig-Ddoallt SPA

Morfa Harlech a Morfa Dyffryn SAC

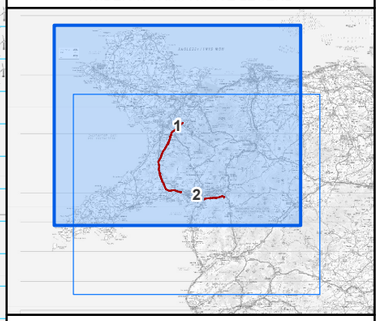
Northern Cardigan Bay / Gogledd Bae Ceredigion SPA

Pen Llŷn a'r Sarnau / Lleyn Peninsula and the Sarnau SAC

Rhinog SAC

Afon Eden - Cors G... Trawsfy... SAC

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary
- 10km Buffer of Indicative Wider Works Site Boundary
- 30km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation[1]

- Ramsar
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)

NOTES

1: Only Statutory Designated Sites within 10km of the Wider works site boundary and relevant sites within 30km have been labelled. Those which are outside 10km and are not relevant are still displayed on the figure, but have a transparency applied to the layer.

Rev	Date	Description	GIS	Chk	App
A	18/08/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.1 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION IN THE WIDER AREA

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	18/08/2025	RR	18/08/2025	NL	18/08/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:272,000	A3	1 OF 2	A

0 4 8 12 16 20 Kilometres

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N

Y Fenai a Bae Conwy / Menai Strait and Conwy Bay SAC

Traeth Lafan / Lavan Sands, Conwy Bay SPA

Y Twyni o Abermenai i Aberffraw / Abermenai to Aberffraw Dunes SAC

Glannau Mon: Cors heli / Anglesey Coast: Saltmarsh SAC

Eryri / Snowdonia SAC

Glynllifon SAC

Mwyngloddiau Fforest Gwydir / Gwydyr Forest Mines SAC

Corsydd Eifionydd / Eifionydd Fens SAC

Afon Gwyrfai a Llyn Cwellyn SAC

Pen Llyn a'r Sarnau / Lleyn Peninsula and the Sarnau SAC

Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC

Migneint-Arenig-Ddualllt SAC

Migneint-Arenig-Ddualllt SPA

Morfa Harlech a Morfa Dyffryn SAC

Afon Eden - Cors Goch Trawsfynydd SAC

Rhinog SAC

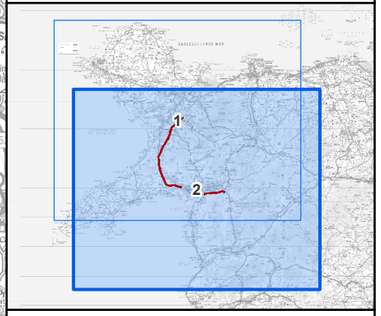
Northern Cardigan Bay / Gogledd Bae Ceredigion SPA

CAERNARFON BAY / BAE CAERNARFON

SNOWDONIA NATIONAL PARK / PARC CENEDLAETHOL ERYRI

CADAIR IDRIS

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary
- 10km Buffer of Indicative Wider Works Site Boundary
- 30km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation[1]

- Ramsar
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)

NOTES

1: Only Statutory Designated Sites within 10km of the Wider works site boundary and relevant sites within 30km have been labelled. Those which are outside 10km and are not relevant are still displayed on the figure, but have a transparency applied to the layer.

Rev	Date	Description	GIS	Chk	App
A	18/08/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.1 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION IN THE WIDER AREA

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	18/08/2025	RR	18/08/2025	NL	18/08/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:272,000	A3	2 OF 2	A

0 4 8 12 16 20
Kilometres

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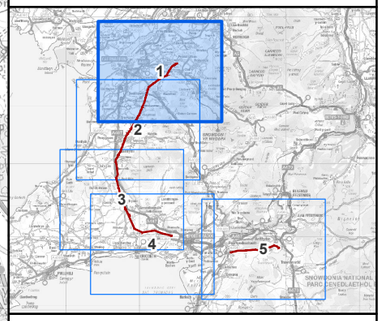
WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation

- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.2 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:50,000	A3	1 OF 5	A

0 1 2 3 4 5 Kilometres

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N

Glannau Mon: Cors heli / Anglesey Coast: Saltmarsh SAC

Y Fenai a Bae Conwy / Menai Strait and Conwy Bay SAC

Y Foryd SSSI

Y Foryd LNR

Y Twyni o Abermenai i Aberffraw / Abermenai to Aberffraw Dunes SAC

Y Twyni o Abermenai i Aberffraw / Abermenai to Aberffraw Dunes SAC

Dinas Dinlle SSSI

Glynllifon SAC

Glynllifon SSSI

Glynllifon SAC

Glynllifon SSSI

Cors Llanllyfni SSSI

Corsydd Eifionydd / Eifionydd Fens SAC

Corsydd Eifionydd / Eifionydd Fens SAC

Cors Gyfelog SSSI

Caeau Tan y Bwlch SSSI

Pant Cae Haidd SSSI

Dudley Quarry LNR

Afon Gwyrfai a Llyn Cwellyn SSSI

Afon Gwyrfai a Llyn Cwellyn SAC

Afon Gwyrfai a Llyn Cwellyn SSSI

Llwyn y Coed SSSI

Llyn Padarn SSSI

Coed Dinorwig LNR

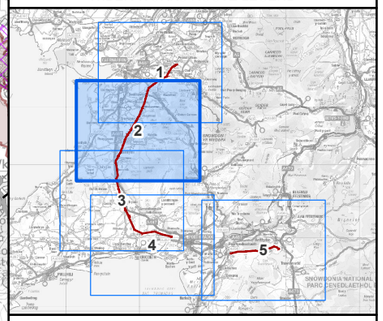
Coed Dinorwig SSSI

Cwm Dwythwch SSSI

Eryri SSSI

Coedydd Beddgelert a Cheunant

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation

- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)
- Local Nature Reserve (LNR)

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0 1 2 3 4 5
Kilometres

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.2 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:50,000	A3	2 OF 5	A

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N

Cors Llanllyfni SSSI

Corsydd Eifionydd / Eifionydd Fens SAC

Caeau Tan y Bwlch SSSI

Corsydd Eifionydd / Eifionydd Fens SAC

Cors Gyfelog SSSI

Cors Gyfelog NNR

Cors y Wlad SSSI

Corsydd Eifionydd / Eifionydd Fens SAC

Cors Graianog SSSI

Ffriddoedd Garndolbenmaen SSSI

Corsydd Eifionydd / Eifionydd Fens SAC

Llystyn Isaf SSSI

Afon Ddu SSSI

Rhosgyll Fawr SSSI

Coed Tremadog NNR

Coed Tremadog SSSI

Tiroedd a Glannau Rhwng Cricieth ac Afon Glaslyn SSSI

Talhenbont SSSI

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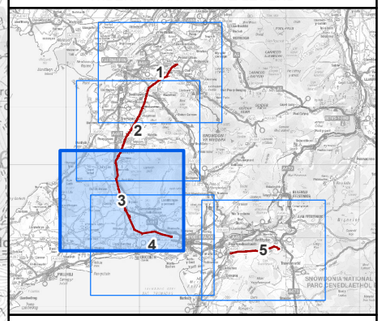
WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation

- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.2 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:50,000	A3	3 OF 5	A

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Cors Gafallog SSSI
Ffriddoedd Garndolbenmaen SSSI
Corsydd Eifionydd / Eifionydd Fens SAC
Llystyn Isaf SSSI
Coedydd Nanmor SSSI
Coedydd Beddgelert a Cheunant Aberglaslyn SSSI
Coedydd Nanmor SSSI
Afon Ddu SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Aberdunant SSSI
Glaslyn SSSI
Afon Ddu SSSI
Rhosgyll Fawr SSSI
Coed Tremadog NNR
Coed Tremadog SSSI
Talhenbont SSSI
Glaslyn SSSI
Glanllynnau a Glannau Pen-ychain i Gricieth SSSI
Parc y Borth LNR
Pen y Banc LNR
Ysbyty Bron y Garth SSSI
Morfa Harlech SSSI
Morfa Harlech NNR
Tiroedd a Glannau Rhwng Cricieth ac Afon Glaslyn SSSI
Northern Cardigan Bay / Gogledd Bae Ceredigion SPA
Pen Llyn a'r Sarnau / Lleyn Peninsula and the Sarnau SAC
Morfa Harlech a Morfa Dyffryn SAC
Morfa Harlech SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and

WIDER WORKS ROUTE LEGEND

Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)
- Local Nature Reserve (LNR)

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Kilometres

Rev	Date	Description	GIS	Chk	App
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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.2 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
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FIGURE	1:50,000	A3	4 OF 5	A

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Coedydd Beddgelert a Cheunant Aberglaslyn SSSI
Hafod Garregog NNR
Coedydd Nanmor SSSI
Mwyngloddiau Llanfrothen SSSI
Glaslyn SSSI
Trychiad Ffordd Coed Llyn-y-Garnedd SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Coed Cymerau NNR
Trychiad Ffordd Coed Llyn-y-Garnedd SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Coedydd Dyffryn Ffestiniog (Gogleddol) SSSI
Glaslyn SSSI
Aberdunant SSSI
Coedydd Dyffryn Ffestiniog (Gogleddol) SSSI
Coedydd Maentwrog NNR
Bryn Glas Quarry SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Cwm Cynfal SSSI
Ceunant Cynfal SSSI
Ceunant Cynfal NNR
Mwyngloddiau Llanfrothen SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Mwyngloddiau Llanfrothen SSSI
Coedydd De Dyffryn Maentwrog SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Glaslyn SSSI
Coedydd Dyffryn Ffestiniog (Gogleddol) SSSI
Coed Camlyn NNR
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Ysbyty Bron y Garth SSSI
Coedydd De Dyffryn Maentwrog SSSI
Coed y Rhygen NNR
Glaslyn SSSI
Morfa Harlech SSSI
Pen Llyn a'r Sarnau / Lleyn Peninsula and the Sarnau SAC
Ceunant Llennyrch NNR
Morfa Harlech NNR
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Coed y Rhygen SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Llafar River Section (Trychiad Afon Llafar) SSSI
Dolorgan Barn SSSI
Maes Meillion a Gefail-y-cwm SSSI
Afon Eden - Cors Goch Trawsfynydd SAC
Glyn Cywarch SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Afon Eden - Cors Goch Trawsfynydd SSSI
Rhinog SAC
Rhinog SSSI
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Coedydd Derw a Safleoedd Ystlumod Meirion / Meirionnydd Oakwoods and Bat Sites SAC
Migneint-Arenig-Ddualt SSSI
Migneint-Arenig-Ddualt SAC
Migneint-Arenig-Ddualt SPA

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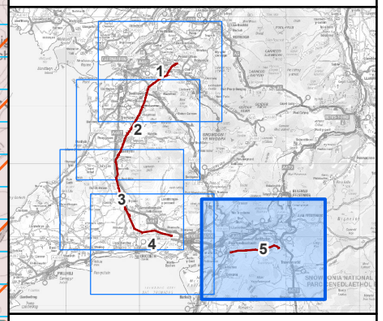
Kilometres

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary
- 5km Buffer of Indicative Wider Works Site Boundary

Statutory Designated Sites for Nature Conservation

- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.2 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:50,000	A3	5 OF 5	A

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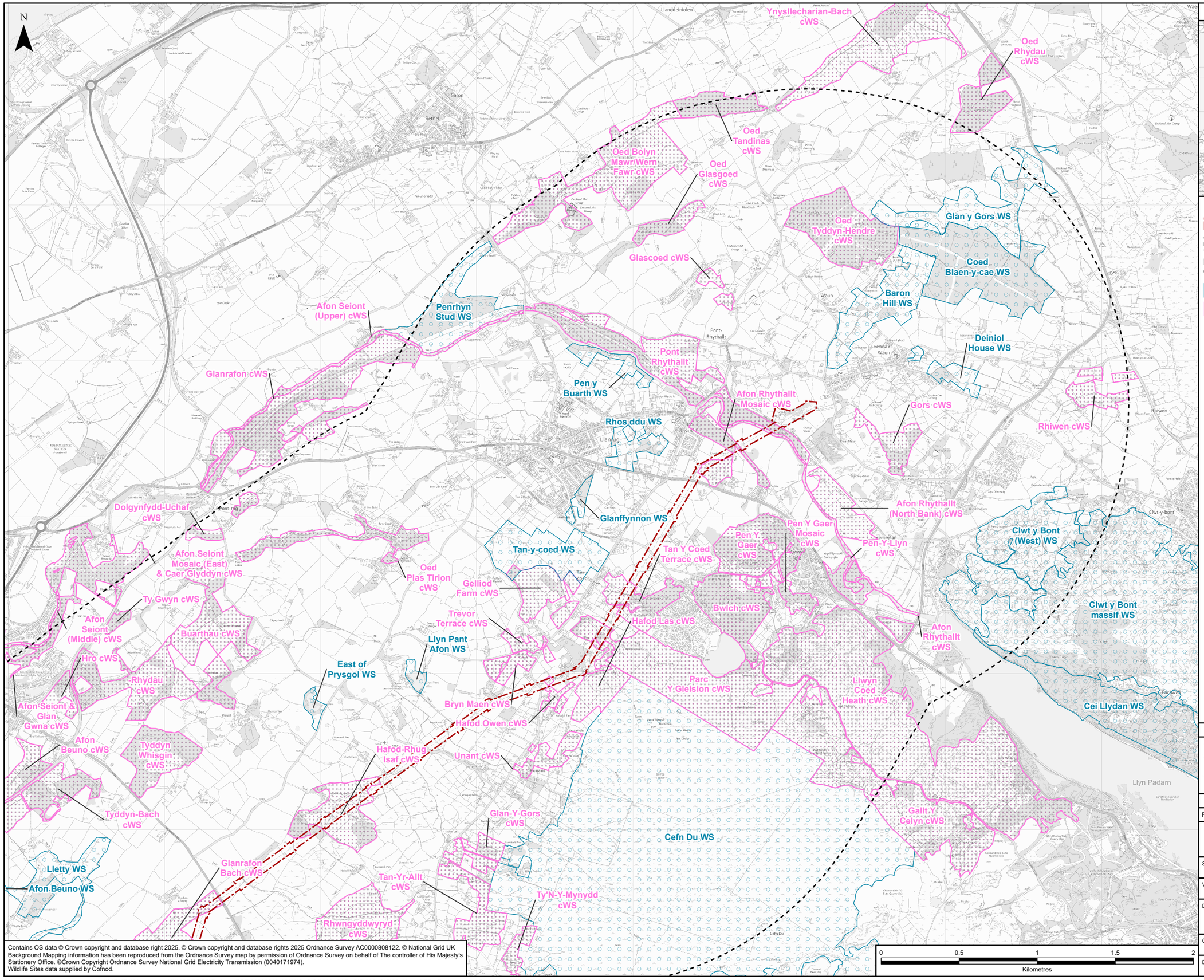

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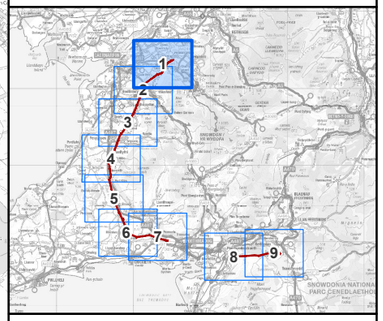

Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]

NOTES

1. Wildlife Sites and NWWT Sites data supplied by Cofnod, and are only shown within 2km of the Indicative Wider works site boundary, however composite wildlife sites, where part of the site intersects the buffer, may extend beyond 2km.

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	1 OF 9	A

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Wildlife Sites data supplied by Cofnod.

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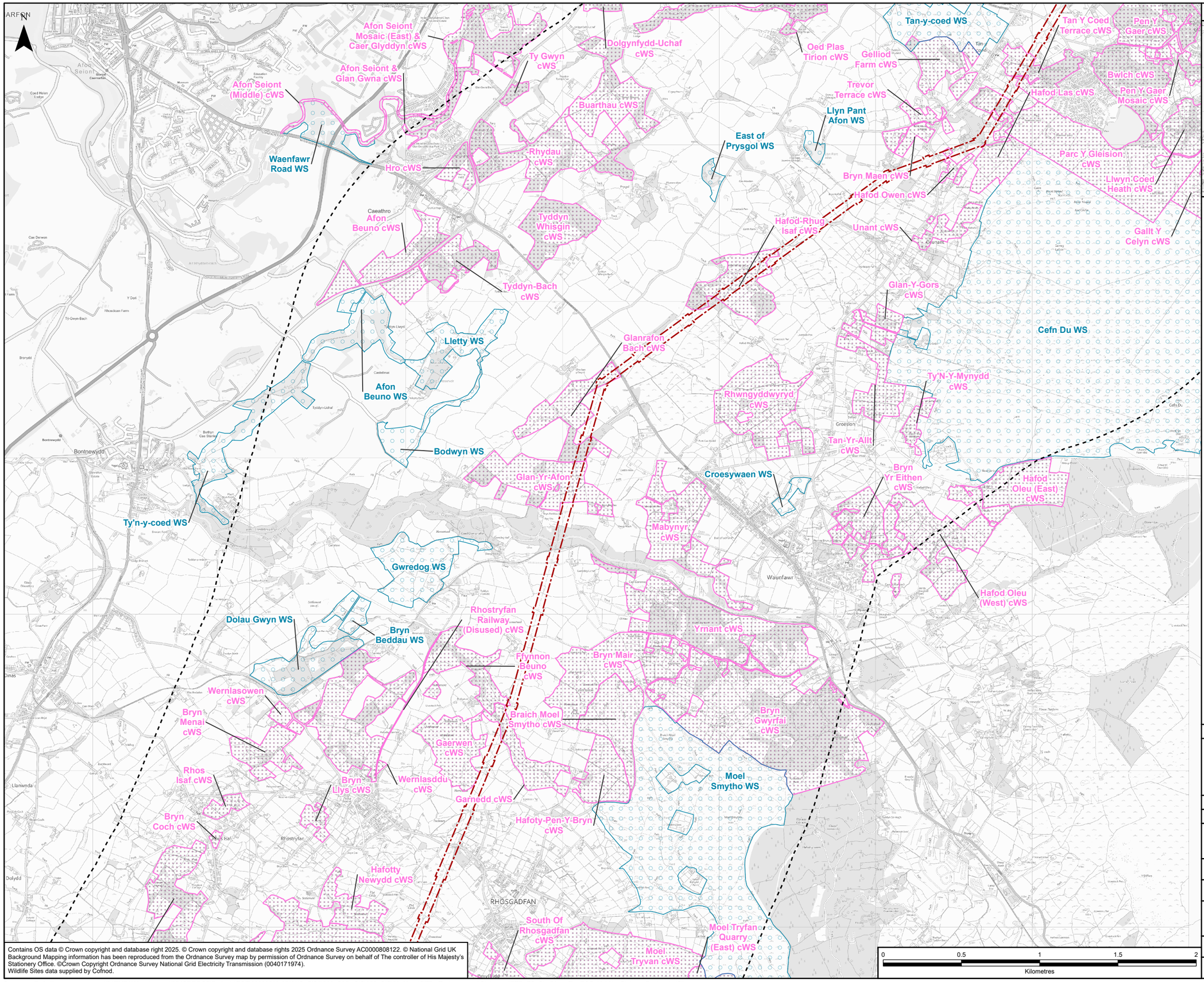

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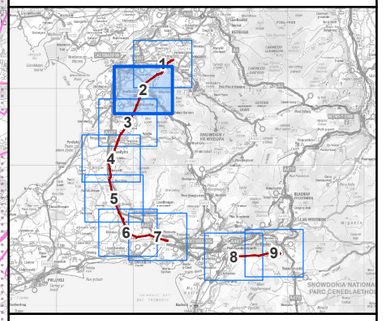
Wildlife Sites data supplied by Cofnod.

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]

NOTES

1. Wildlife Sites and NWWT Sites data supplied by Cofnod, and are only shown within 2km of the Indicative Wider works site boundary, however composite wildlife sites, where part of the site intersects the buffer, may extend beyond 2km.

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	2 OF 9	A

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N

Dolau Gwyn WS
Wernlasowen cWS
Wernlasddu cWS
Ffynnon Beuno cWS
Bryn Mair cWS
Yrnant cWS
Bryn Gwyrfai cWS
Braich Moel Smytho cWS
Moel Smytho WS
Bryn Menai cWS
Gaerwen cWS
Rhostryfan Railway (Disused) cWS
Rhos Isaf cWS
Bryn Llys cWS
Garnedd cWS
Hafoty-Pen-Y-Bryn cWS
Bryn Coch cWS
Hafotty Newydd cWS
RHOSGADFAN
South Of Rhosgadfan cWS
Bron-Y-Gaer cWS
Haidd cWS
Moel Tryvan cWS
Moel Tryfan Quarry (West) cWS
Bryn Goleu cWS
Rddymynydd cWS
South Of Moel Tryfan cWS
Glan Dwr cWS
East Of Warmlea cWS
Moel Tryfan Quarry (East) cWS
Nr. Bryngwyn cWS
West Of Warmlea cWS
Bryn Glas / Ty Cerrig cWS
Garregwen WS
Oed Llain Ffynnon cWS
Warmlea cWS
Bwlch-Y-Llyn 2 cWS
Uwchgwyrfai Common cWS
Buarth Farm cWS
Plas Braich cWS
Uwchgwyrfai Quarry cWS
Rmel cWS
Groeslon South WS
Ty Newydd cWS
Fnen cWS
Nr. Bron Rhiw cWS
Bryntwrog cWS
Bwlch Y Ffordd cWS
Bryntwrog cWS
Bwlch-Y-Llyn 1 cWS
Y Fron
Y Fron Quarry cWS
Gwinllan Tyddyn cWS
Garth Darwen (East) cWS
Garth Darwen (West) WS
Minffordd (North) cWS
Lgwyn Tip cWS
Mynydd y Cilgwyn WS
Y Parc WS
Dafarn Dudur cWS
South of Coch y Rhwd WS
Y Fron Slate Quarries cWS
Logwyn Melyn cWS
Dyffryn Nantlle Slate Quarries (West) WS
Pen-y-bryn quarries WS
Minffordd (South) cWS
Ty'N-Y-Weirglodd cWS
Below Talysarn WS
East Talysarn Quarry cWS
Dyffryn Nantlle cWS
South Talysarn Quarry cWS
Dyffryn Nantlle Slate Quarries (East) WS
Near Fithinog-Uchaf
Nr.Talysarn WS

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Wildlife Sites data supplied by Cofnod.

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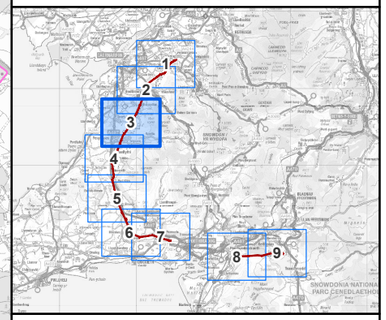
Kilometres

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]

NOTES

1. Wildlife Sites and NWWT Sites data supplied by Cofnod, and are only shown within 2km of the Indicative Wider works site boundary, however composite wildlife sites, where part of the site intersects the buffer, may extend beyond 2km.

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	3 OF 9	A

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N

South of Coch y Rhwd WS
Garth Darwen (East) cWS
Minffordd (North) cWS
Minffordd (South) cWS
Ty'N-Y-Weirglodd cWS
Near Eithinog-Uchaf cWS
Afon Llyfni (North 2) cWS
Afon Llyfni (North 1) WS
Afon Llyfni (East) WS
Afon Llyfni West) cWS
Afon Llyfni (South 1) WS
Bont y Chrychddwr WS
South of Llenar Fawr WS
North Of Foel Uchaf cWS
Ty'N-Pant-Bach Quarry cWS
Newydd cWS
Foel cWS
Llwyn Bedw Ucahf cWS
Nant Mawr Graianog cWS
Bryn Gors cWS
Standing Stone Marsh WS
Nant Graianog cWS
Bryn Ifan NWWT
S.W. Of Nant Graianog cWS
Ty-Glas cWS
Graianiog (North) cWS
Graianog (South) cWS
Upper Clynnog cWS
Fn Graianiog cWS
Moel Bron-Y-Rhiw (West) cWS
Below Bron Haul cWS
Ty'N-Pant-Bach cWS
Moel Bron-Y-Rhiw cWS
Bryn-Ychain cWS
Bodychain cWS
Nasaret cWS
Nasaret (South) cWS
Hendre Wen cWS
Nasaret (North) cWS
Nasaret (East) cWS
Gors Y Llyn Nebo cWS
Tir Bach cWS
Tv Mast cWS
North Of Caerau cWS
Bryn-Ffynnon cWS
Rau cWS
East Of Cors Gyfelog cWS
Rrigdruidion cWS
Glanrafon cWS
Doi-Wenith cWS
Tal-Eithin Quarry cWS
Nr.Talsarn WS
Below Talsarn WS
Nant-noddfa WS
Brithdir-Isaf cWS
Glangors cWS
Logwyn Melyn cWS
East Talsarn Quarry cWS
South Talsarn Quarry cWS
Y Parc WS
Y Fron Slate Quarries cWS
Dyffryn Nantlle Slate Quarries (West) WS
Pen-y-bryn quarries WS
Dyffryn Nantlle cWS
Dyffryn Nantlle Slate Quarries (East) WS

Penygroes
Pontllyfni
Llanllyfni
Talysarn
Nebo

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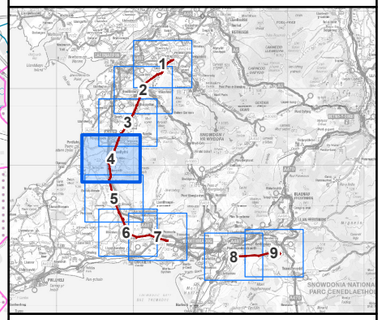
Kilometres

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]
- North Wales Wildlife Trust Reserve (NWWT)[1]

NOTES

1. Wildlife Sites and NWWT Sites data supplied by Cofnod, and are only shown within 2km of the Indicative Wider works site boundary, however composite wildlife sites, where part of the site intersects the buffer, may extend beyond 2km.

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	4 OF 9	A

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Wildlife Sites data supplied by Cofnod.

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N

Ty-Glas cWS
Graianog (South) cWS
Fn Graianog cWS
Bodychain cWS
Bryn-Ffynnon cWS
North Of Caerau cWS
Upper Clynnog cWS
Rau cWS
East Of Cors Gyfelog cWS
South Of Cors Cyfelog cWS
Below Cae'R Nant cWS
Ors-Y-Wlad cWS
Bryn Ifan NWWT
Bwlch Derwin (West) cWS
Bwlch Derwin cWS
Afon Dwyfach cWS
Oed Bwlch Derwin cWS
Y Foel cWS
Moel Fychan cWS
Derwyn Fawr cWS
Pont Dafarn Faig cWS
Blaen-Y-Cae cWS
Below Derwin Bach cWS
Derwin cWS
Llystyn Gwyn cWS
Llystyn Ganol cWS
Mynydd Cennin cWS
Oed Hendre Cennin cWS
Bryncir cWS
Gwinllan Llystan cWS
Llecheiddior Ganol cWS
Ynys Galed cWS
Llystyn Isaf cWS
Rhwnddwyryd cWS
Bryn Eifion cWS
Bryn-Yr-Efail-Uchaf cWS
Plas Llecheiddior cWS
Afon Dwyfach cWS
Below Hendre Cennin cWS
Bryn Ffynnon & Ynys Galed cWS
Gaerwen cWS
Ynys Llanog/Gaerwen cWS
Tyddyn Y Felin cWS
Hendy (East) cWS
Dolwar Heath cWS
Tyddyn Madyn cWS

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Wildlife Sites data supplied by Cofnod.

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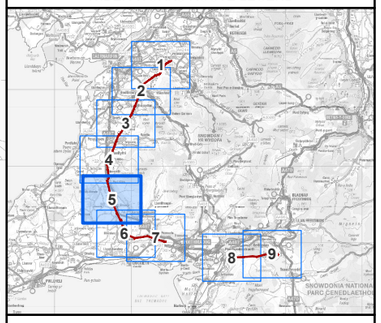
Kilometres

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Candidate (cWS)[1]
- North Wales Wildlife Trust Reserve (NWWT)[1]

NOTES

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Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
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N

Llecheiddior Ganol cWS
Gwinllan Llystan cWS
Llystyn Ganol cWS
Oed Hendre Cennin cWS
Ynys Galed cWS
Llystyn Isaf cWS
Bryn Eifion cWS
Rhwnddwyryd cWS
Bryn-Yr-Efail-Uchaf cWS
Below Hendre Cennin cWS
Plas Lleicheiddior cWS
Bryn Ffynnon & Ynys Galed cWS
Dolwar Heath cWS
Tyddyn Y Felin cWS
Gaerwen cWS
Hendy (East) cWS
Fron-Oleu cWS
Hendy (South) cWS
North Of Gwinllan Rhos-Ddu Plantation cWS
Ynys Graianog/Gaerwen cWS
Afon Dwyfach cWS
Afon Dwyfach At Bettws Bach cWS
Afon Dwyfor cWS
Muriau Bach cWS
Gwinllan Rhos-Ddu cWS
Ty'N-Rhos cWS
Ystumcegid-Ganol cWS
West Bank Of Afon Dwyfor cWS
Fn-Isaf cWS
Syntur cWS
Oed Trefan (North) cWS
Oed Mawr cWS
Ystumcegid-Isaf cWS
Tyddyn Du cWS
Gell Farm WS
Rhos Broneifion WS
Broneifion Farm Ponds And Woods cWS
Oed Trefan Lla(South) cWS
Tyddyn Madyn cWS
Golan 1 cWS
Golan 2 cWS
Bryniau R Tyddyn cWS
Bryniau Ystumcegid cWS
Ymwlch 2 cWS
Bryn Neuadd WS
Ymwlch Bach WS
Ymwlch 1 cWS
Glan Cedron cWS
Afon Cedron cWS
Ystumcegid cWS
Ymwlch Fawr cWS
Braich-Y-Saint cWS
Gwernddwyryd WS
Ynys-Ddu cWS
Glegyrog cWS
Pentrefelin cWS
Mynydd Ednyfed Fawr cWS
Geirth Mawr cWS

Dolbenmaen
Cwm Pennant
Rhoslan
Pentrefelin
CRICIETH / CRICCIETH

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Kilometres

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Wildlife Sites data supplied by Cofnod.

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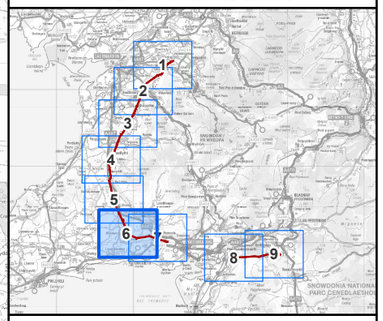

Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]

NOTES

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Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
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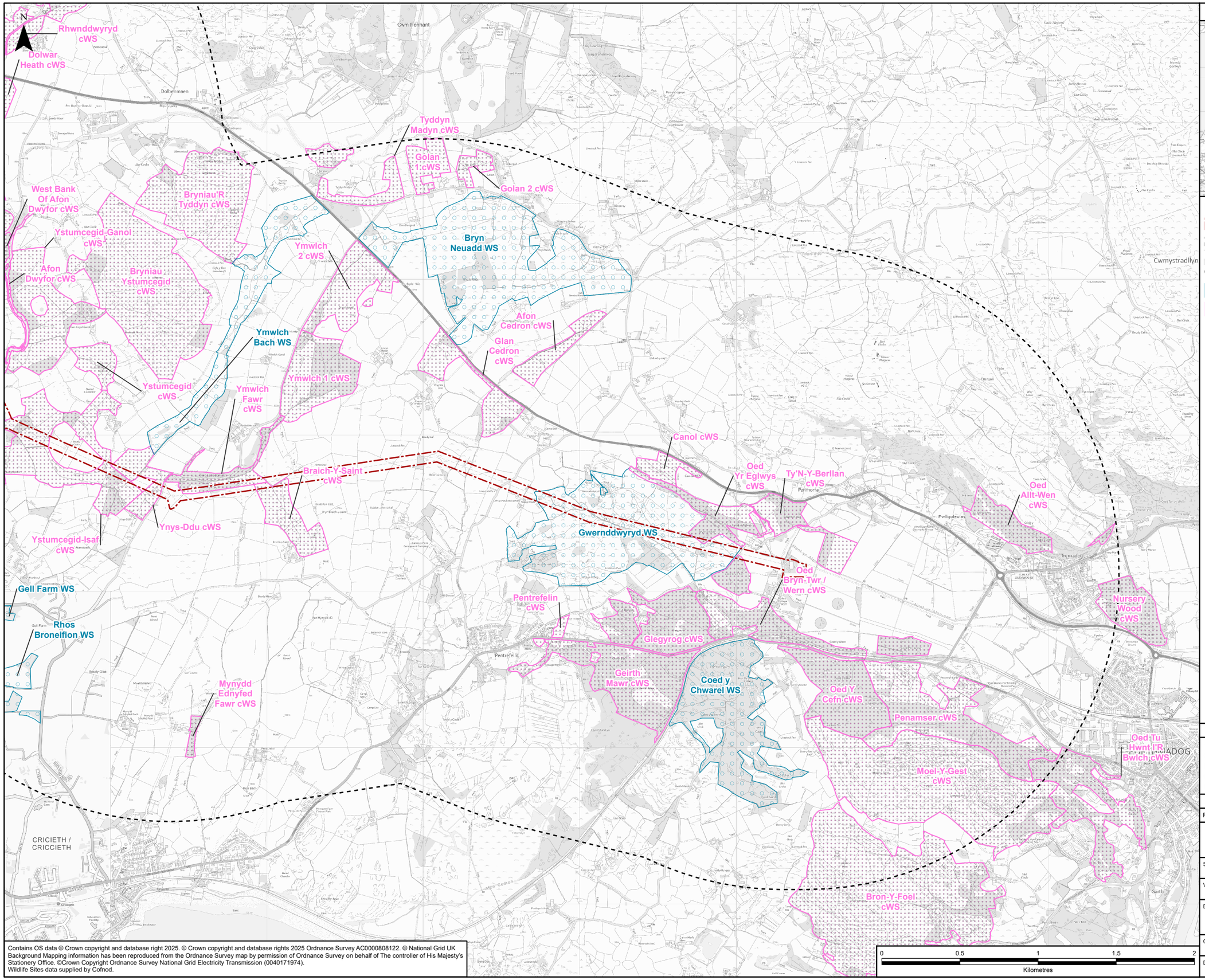

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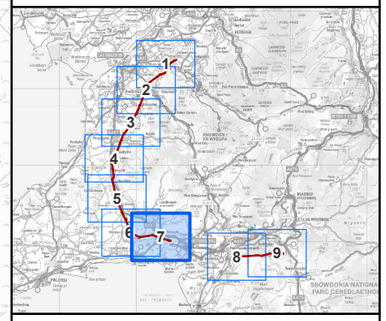

Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]

NOTES

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

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Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	7 OF 9	A

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Wildlife Sites data supplied by Cofnod.

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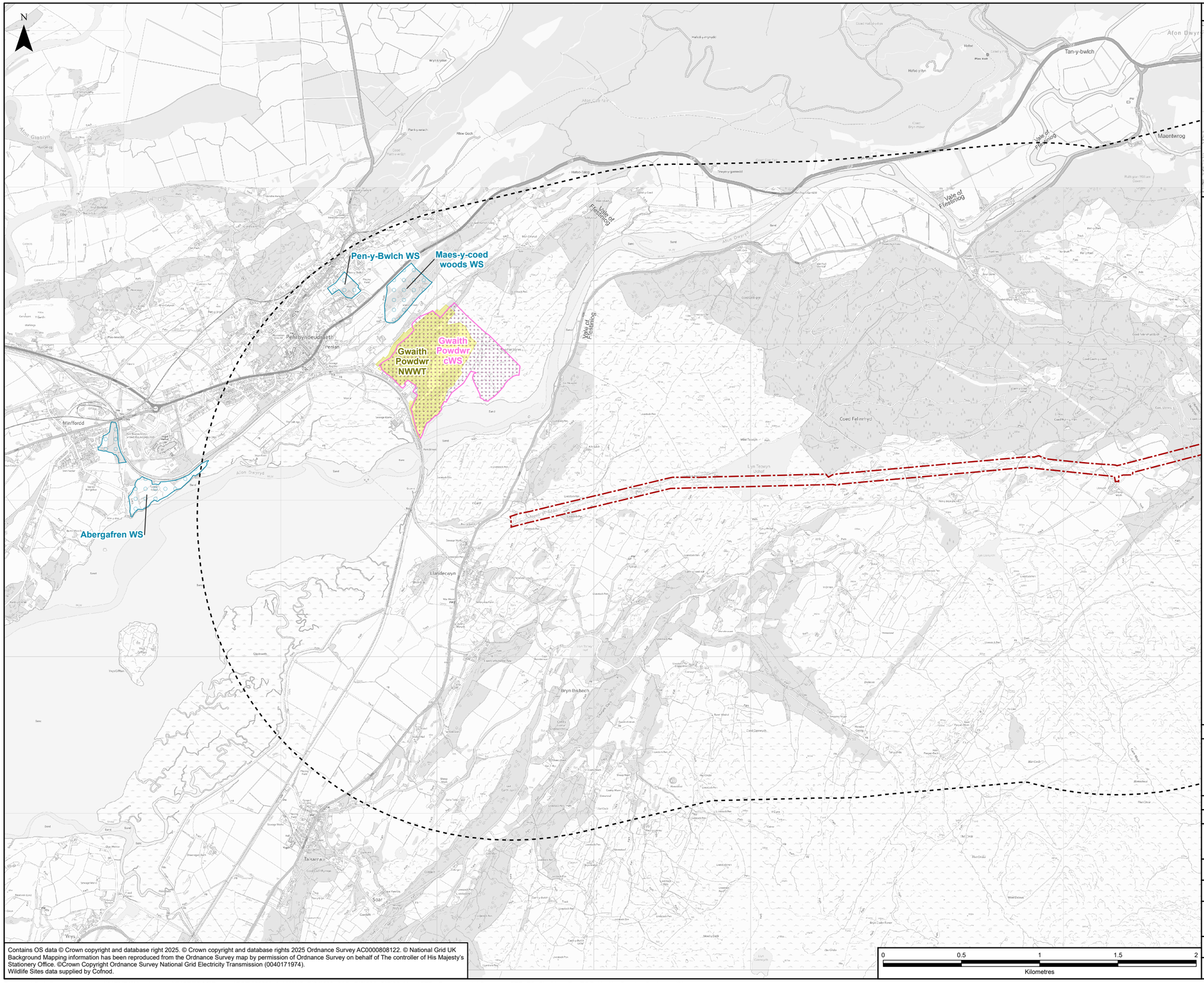

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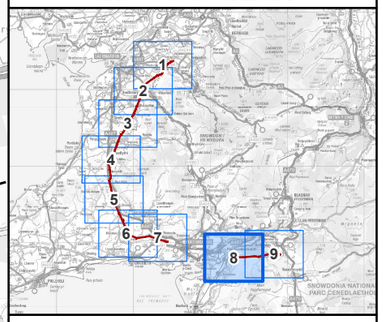
WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

Non-Statutory Designated Sites for Nature Conservation

- Wildlife Site - Confirmed (WS)[1]
- Wildlife Site - Candidate (cWS)[1]
- North Wales Wildlife Trust Reserve (NWWT)[1]

NOTES

1. Wildlife Sites and NWWT Sites data supplied by Cofnod, and are only shown within 2km of the Indicative Wider works site boundary, however composite wildlife sites, where part of the site intersects the buffer, may extend beyond 2km.

Rev	Date	Description	GIS	Chk	App
A	08/09/2025	Environmental Statement	MH	RR	NL

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Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

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MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	8 OF 9	A

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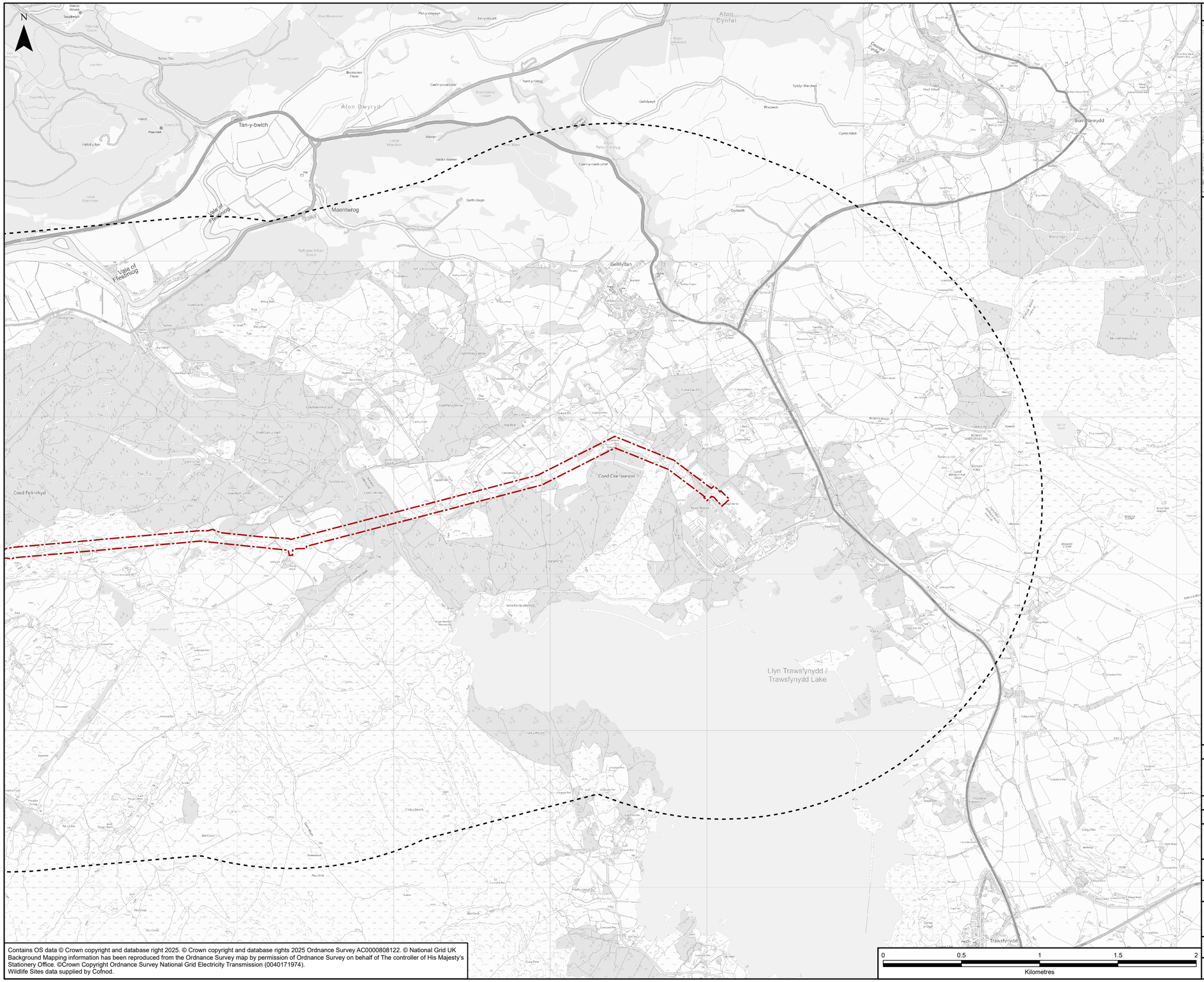

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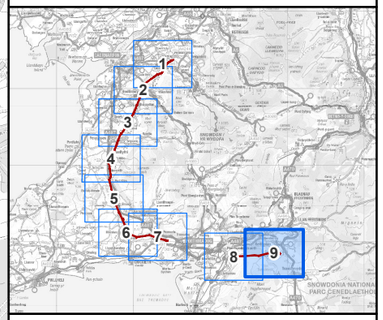
Wildlife Sites data supplied by Cofnod.

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 2km Buffer of Indicative Wider Works Site Boundary

NOTES

1. There are no non-statutory designated sites within 50m of this section of the Indicative Wider works site boundary.

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A	08/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	08/09/2025	RR	08/09/2025	NL	08/09/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:22,500	A3	9 OF 9	A

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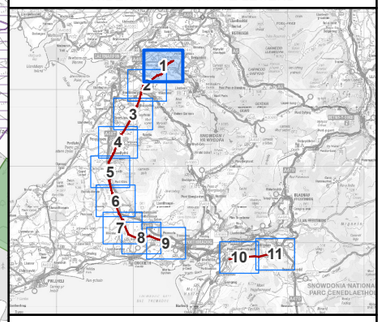
WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Blanket bog
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Lowland meadows
- Open mosaic habitats of previously developed land
- Purple moor grass and rush pastures
- Raised bog
- Upland flushes, fens and swamps
- Upland heathland
- Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

Rev	Date	Description	GIS	Chk	App
A	11/09/2025	Environmental Statement	MH	RR	NL

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Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.4 HABITATS OF PRINCIPAL IMPORTANCE & ANCIENT WOODLAND

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FIGURE	1:15,000	A3	1 OF 11	A

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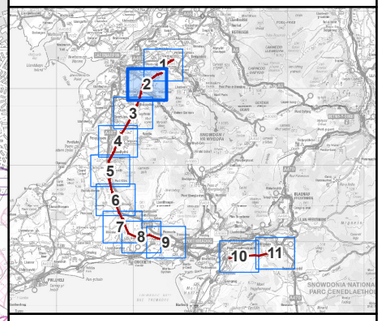

Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Blanket bog
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Lowland meadows
- Purple moor grass and rush pastures
- Raised bog
- Upland flushes, fens and swamps
- Upland heathland
- Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

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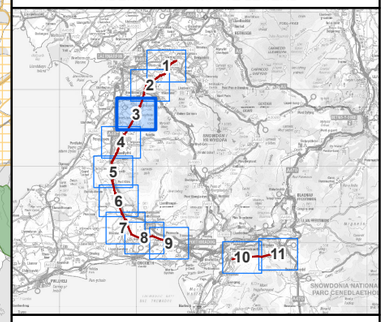
N

Dinas
Llanwnda
Rhos Isaf
Rhostryfan
Dolydd
RHOSGADFAN
Penyffridd
Moel Tryfan
Groeslon
Carmel

WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Blanket bog
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Lowland meadows
- Purple moor grass and rush pastures
- Raised bog
- Upland flushes, fens and swamps
- Upland heathland
- Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

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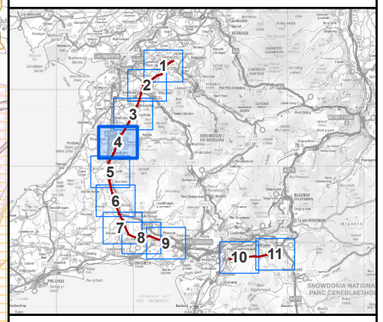
WIDER WORKS ROUTE LEGEND



Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Coastal and floodplain grazing marsh
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Open mosaic habitats of previously developed land
- Purple moor grass and rush pastures
- Upland heathland
- Traditional orchard

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NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

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HABITATS OF PRINCIPAL IMPORTANCE
& ANCIENT WOODLAND

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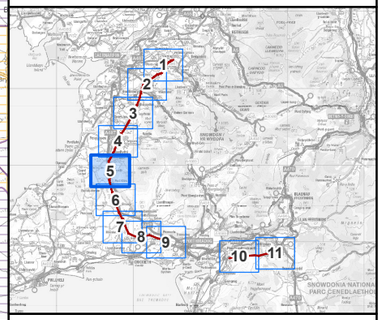

Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Open mosaic habitats of previously developed land
- Purple moor grass and rush pastures
- Raised bog
- Upland flushes, fens and swamps
- Upland heathland
- Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

Rev	Date	Description	GIS	Chk	App
A	11/09/2025	Environmental Statement	MH	RR	NL

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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 6: WIDER WORKS

Document Title: FIGURE 6.5.4 HABITATS OF PRINCIPAL IMPORTANCE & ANCIENT WOODLAND

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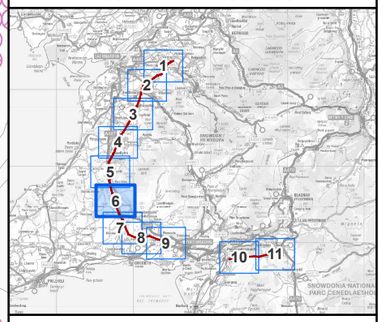

Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Arboricultural Survey December 2024 / February 2025

- Veteran Tree

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Lowland meadows
- Open mosaic habitats of previously developed land
- Purple moor grass and rush pastures
- Upland flushes, fens and swamps
- Upland heathland
- Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

Rev	Date	Description	GIS	Chk	App
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MH	11/09/2025	RR	11/09/2025	NL	11/09/2025

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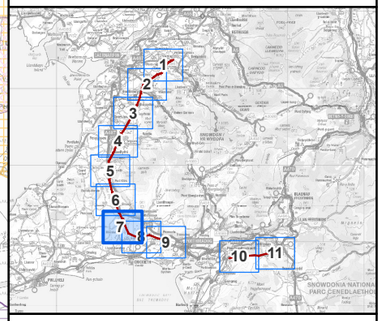

Legend

Indicative Wider Works Site Boundary

50m Buffer of Indicative Wider Works Site Boundary

Arboricultural Survey December 2024 / February 2025

Ancient Tree

Veteran Tree

Habitats of Principal Importance (HoPI)[1]

Ancient woodland

Lowland dry acid grassland

Lowland fens and reedbeds

Lowland heathland

Purple moor grass and rush pastures

Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

Rev	Date	Description	GIS	Chk	App
A	11/09/2025	Environmental Statement	MH	RR	NL

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Document Title: FIGURE 6.5.4 HABITATS OF PRINCIPAL IMPORTANCE & ANCIENT WOODLAND

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MH	11/09/2025	RR	11/09/2025	NL	11/09/2025

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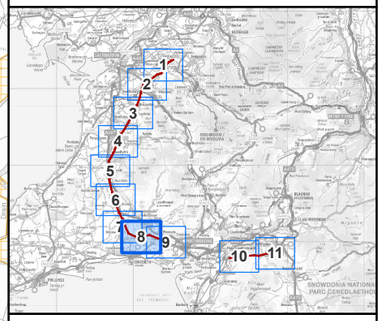

Legend

- Indicative Wider Works Site Boundary
- 50m Buffer of Indicative Wider Works Site Boundary

Habitats of Principal Importance (HoPI)[1]

- Ancient woodland
- Coastal and floodplain grazing marsh
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Purple moor grass and rush pastures
- Traditional orchard

NOTES

1. Due to availability of Habitat of Principal Importance (HoPI) data from Data Map Wales, not all HoPI types are shown on the figure.

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Volume: VOLUME 6: WIDER WORKS

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