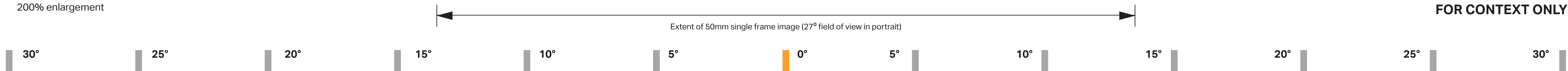




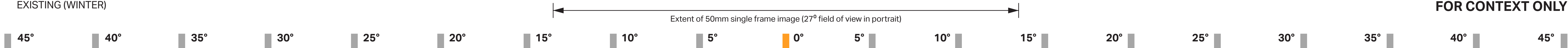
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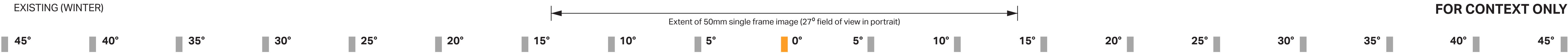
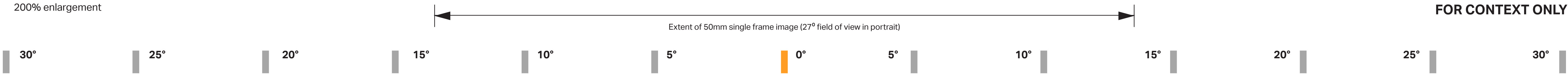
FOR CONTEXT ONLY



EXISTING (WINTER)

FOR CONTEXT ONLY

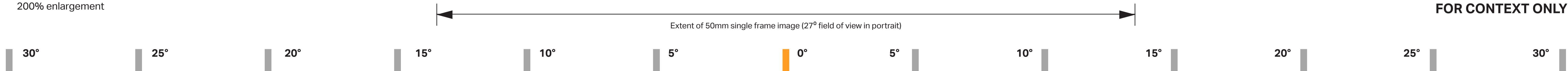






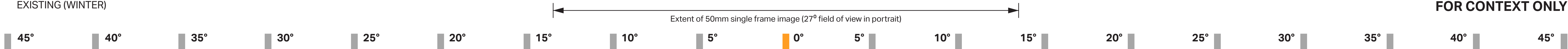
200% enlargement

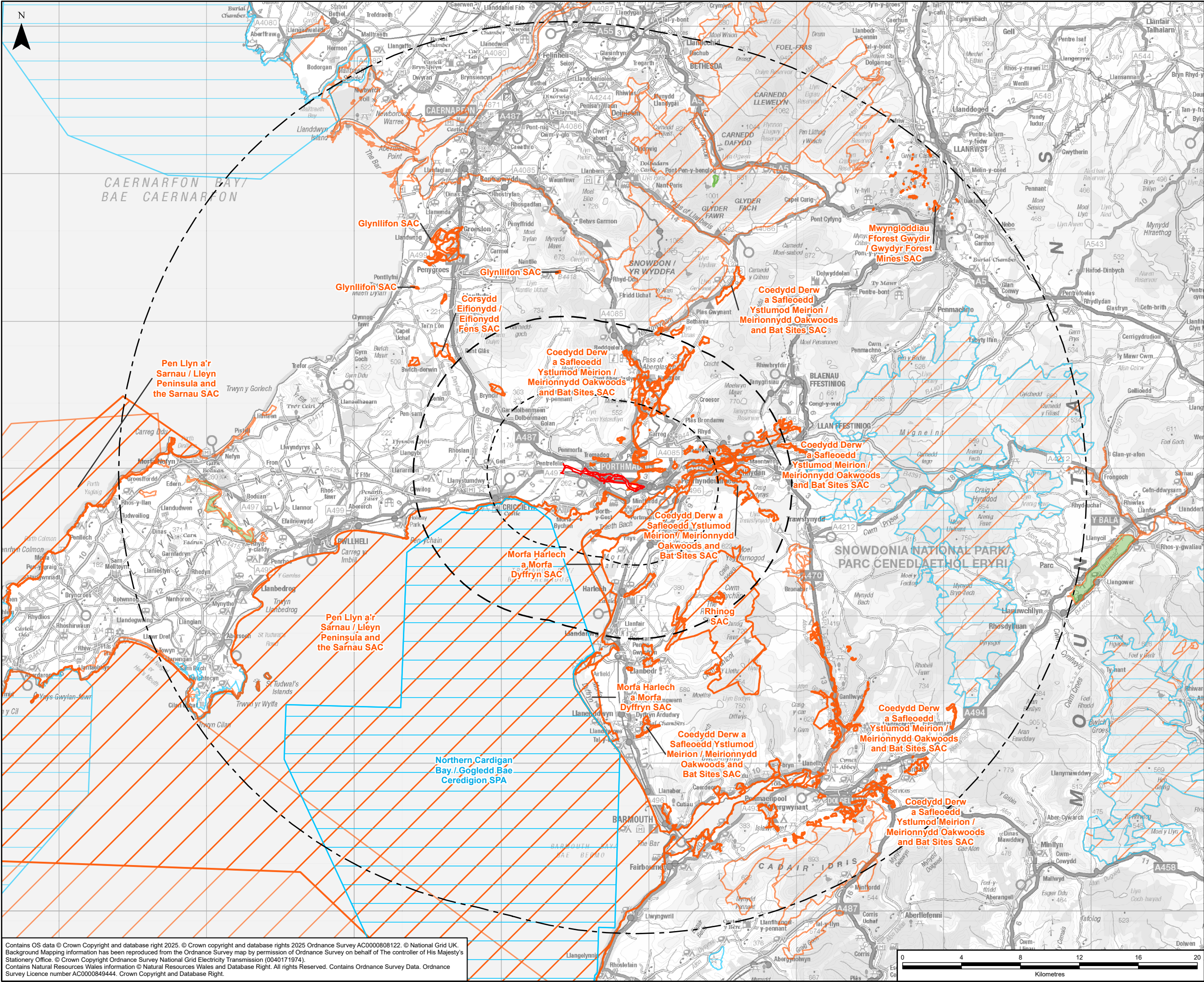
FOR CONTEXT ONLY



EXISTING (WINTER)

FOR CONTEXT ONLY





GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 5km Buffer of Glaslyn Works Site Boundary
- 10km Buffer of Glaslyn Works Site Boundary
- 30km Buffer of Glaslyn Works Site Boundary
- Statutory Designated Sites for Nature Conservation¹**
- Ramsar
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)

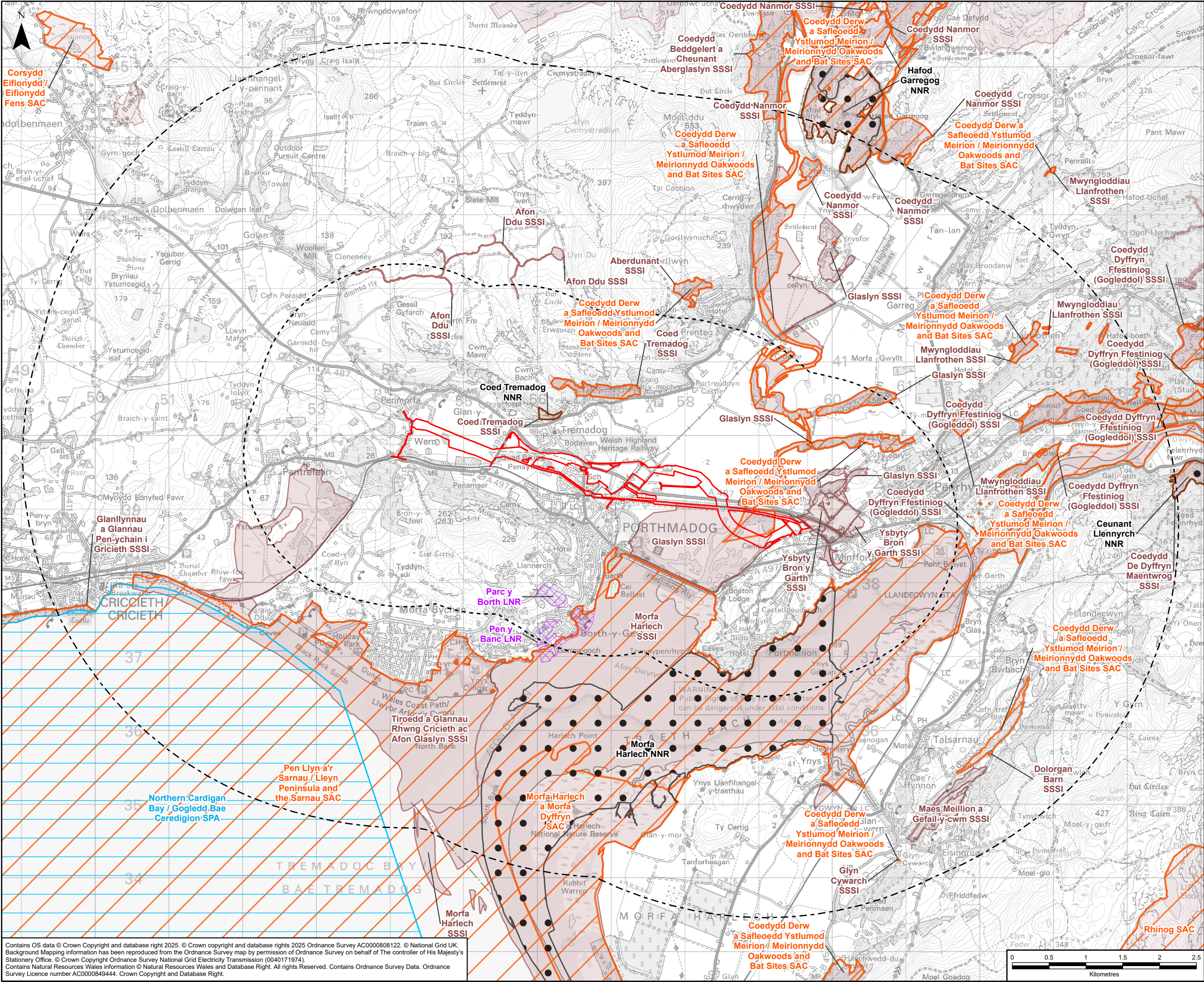
NOTES

1: Only Statutory Designated Sites within 10km of the Glaslyn 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.

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

Scheme:	PENTIR TO TRAWSFYNYDD REINFORCEMENT				
Volume:	VOLUME 4: GLASLYN CABLES WORKS				
Document Title:	FIGURE 4.5.1 STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION IN THE WIDER AREA				
Creator:	Date:	Checker:	Date:	Approver:	Date:
MH/CA	18/08/2025	RR	18/08/2025	NL	18/08/2025
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:240,000	A3	1 OF 1	A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 2km Buffer of Glaslyn Works Site Boundary
- 5km Buffer of Glaslyn 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)

A	19/08/2025	Environmental Statement	CA	RR	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid

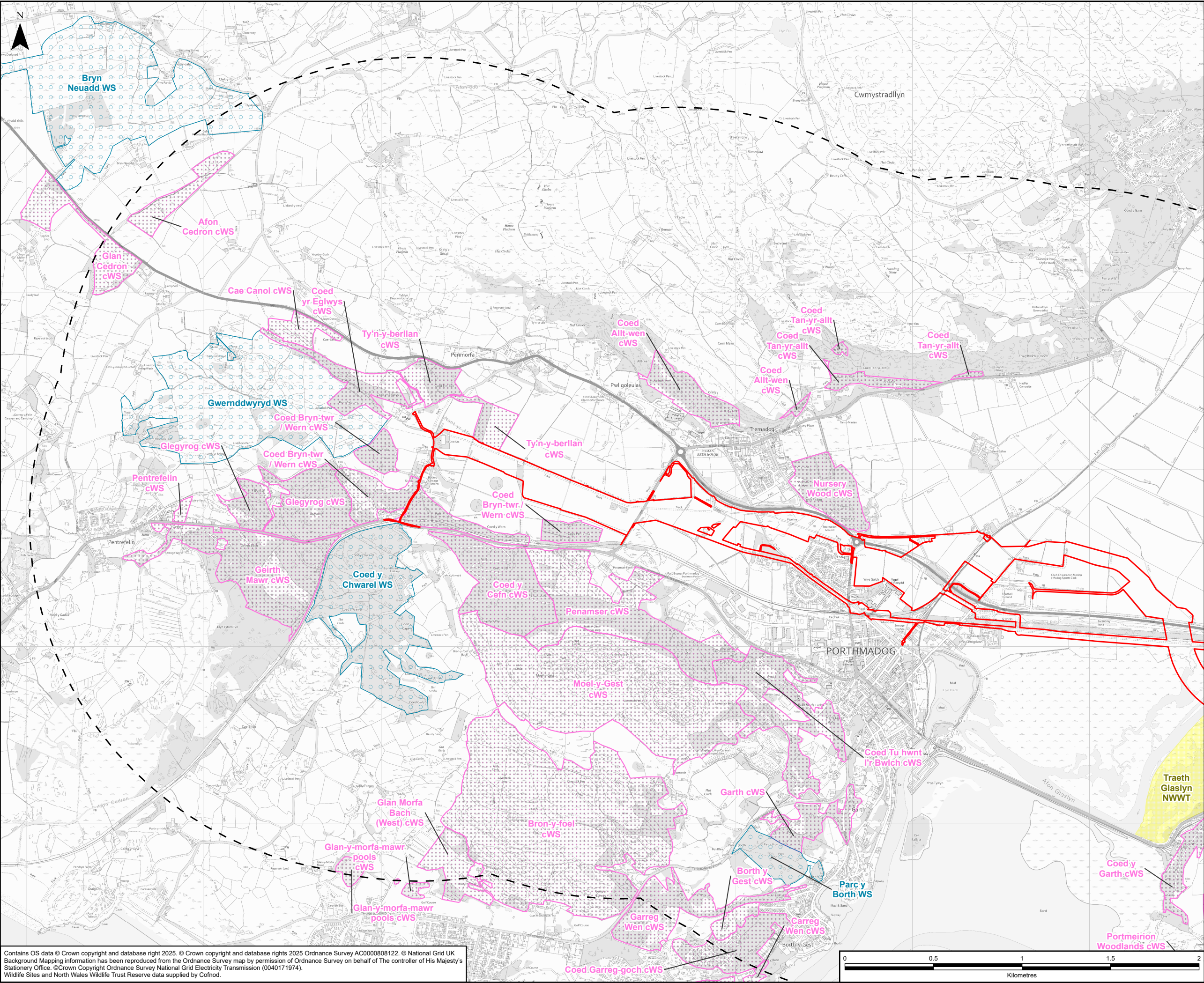
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.5.2
STATUTORY DESIGNATED SITES
FOR NATURE CONSERVATION

Creator: MH/CA	Date: 19/08/2025	Checker: RR	Date: 19/08/2025	Approver: NL	Date: 19/08/2025
Document Type: FIGURE	Scale: 1:48,000	Format: A3	Sheets: 1 OF 1	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 2km Buffer of Glaslyn 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

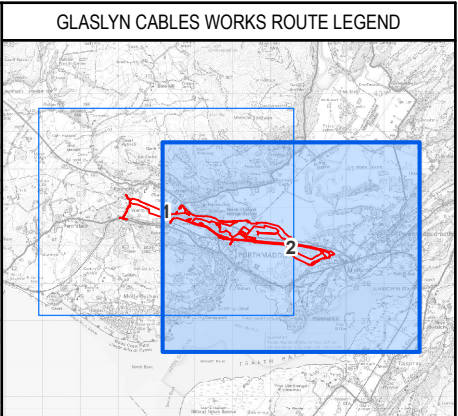
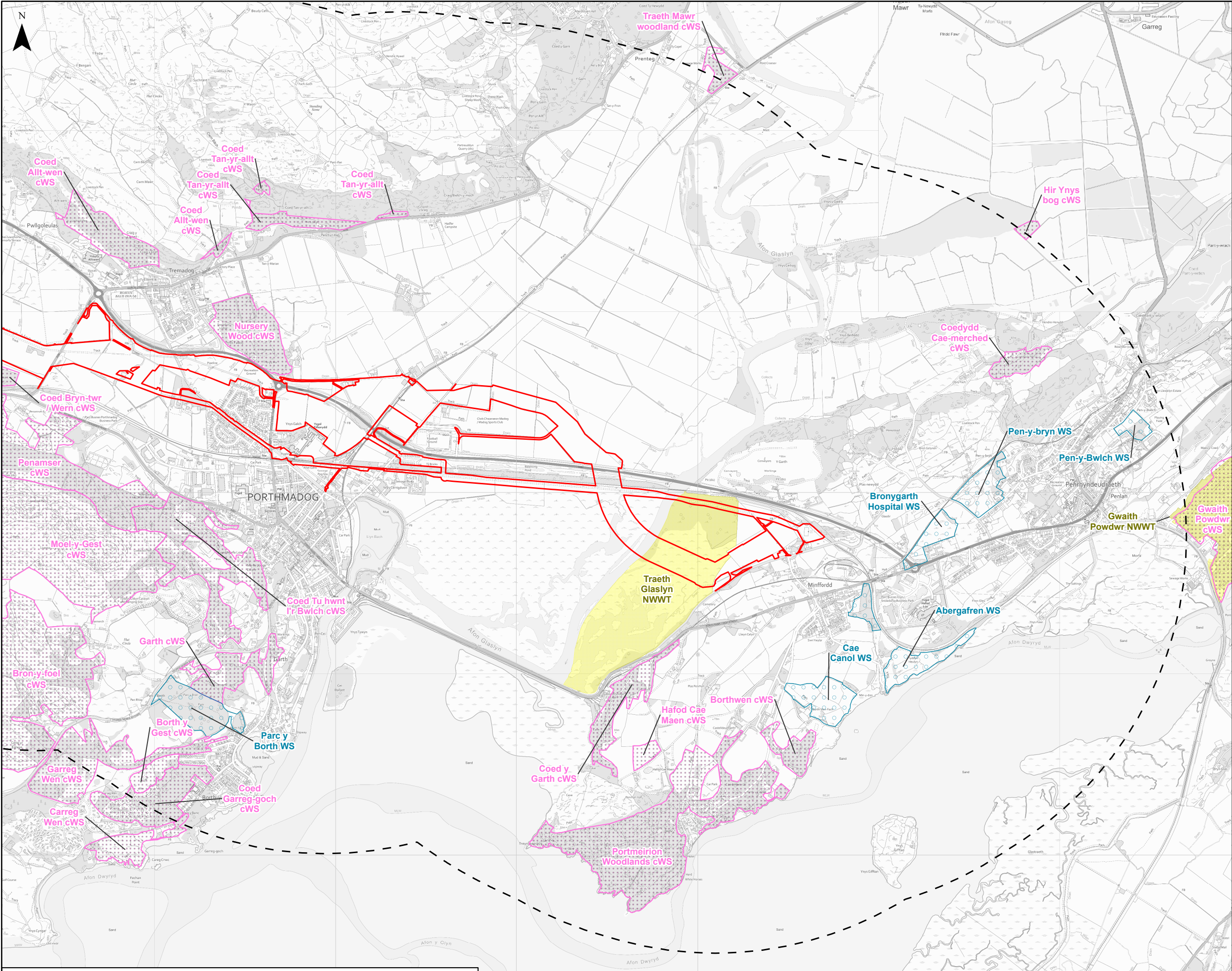
NOTES

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

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

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.5.3 NON STATUTORY DESIGNATED SITES FOR NATURE CONSERVATION					
Creator: CA	Date: 08/09/2025	Checker: RR	Date: 08/09/2025	Approver: NL	Date: 08/09/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 1 OF 2	Rev: A	

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Legend

- Glaslyn Works Site Boundary
- 2km Buffer of Glaslyn 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 Glaslyn works site boundary, however composite wildlife sites, where part of the site intersects the buffer, may extend beyond 2km.

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

nationalgrid

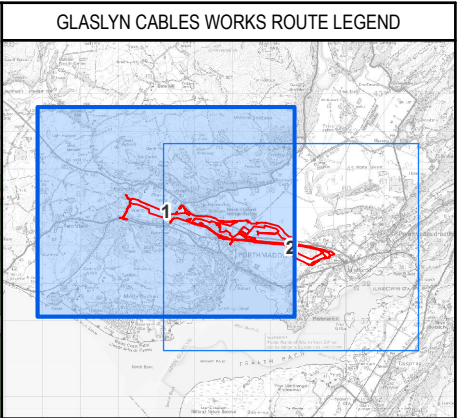
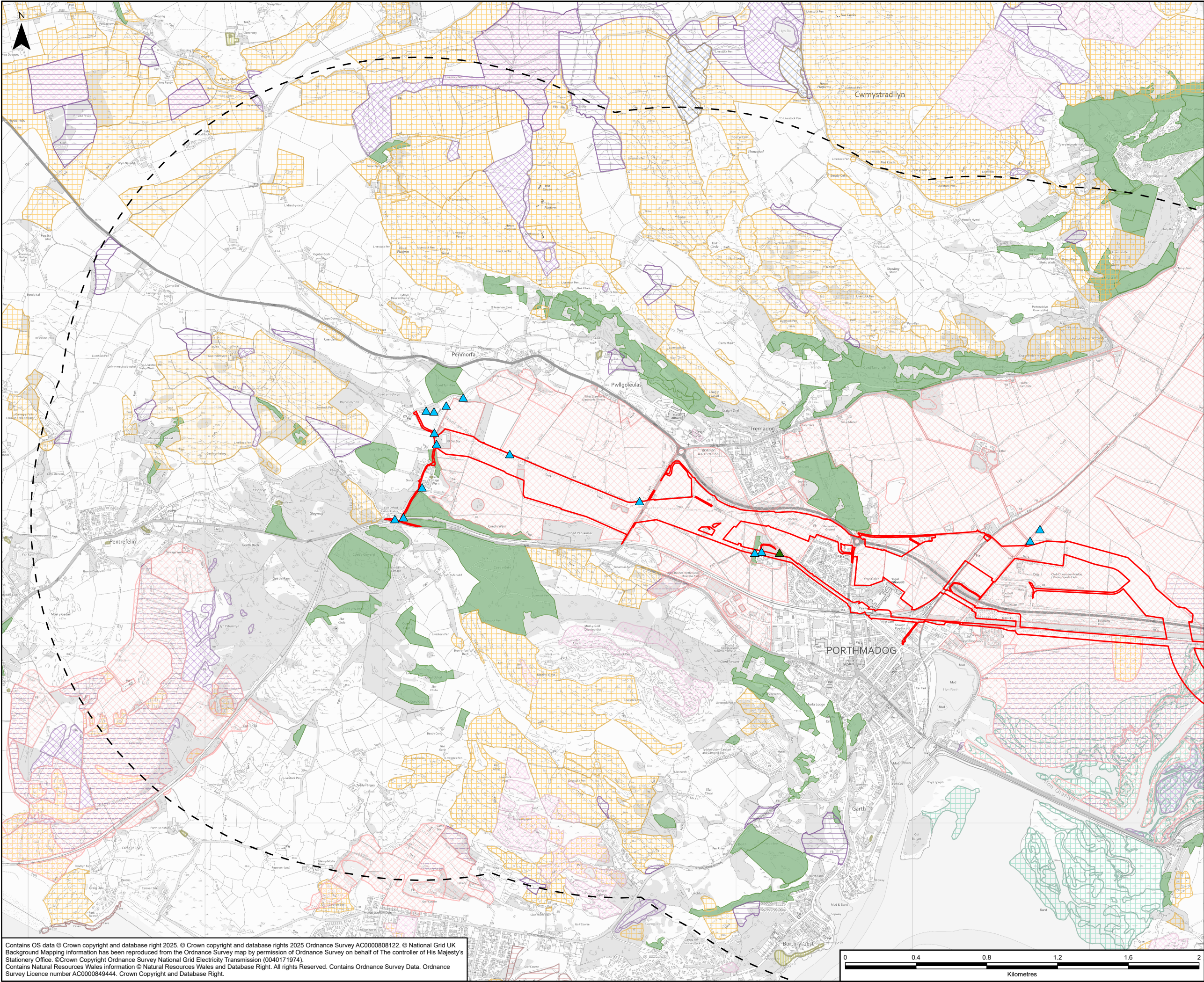
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.5.3
NON STATUTORY DESIGNATED SITES
FOR NATURE CONSERVATION

Creator: CA	Date: 08/09/2025	Checker: RR	Date: 08/09/2025	Approver: NL	Date: 08/09/2025
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 2 OF 2	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 2km Buffer of Glaslyn Works Site Boundary

Arboricultural Survey May 2024

- Ancient Tree
- Veteran Tree

Habitats of Principal Importance (HoPI)¹

- Ancient woodland
- Blanket bog
- Coastal and floodplain grazing marsh
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Maritime cliff and slopes
- Purple moor grass and rush pastures
- Raised bog
- Saltmarsh
- 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	29/08/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

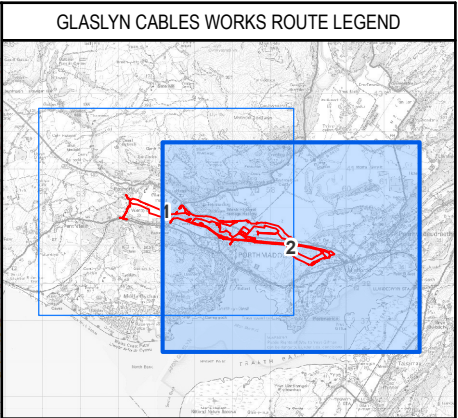
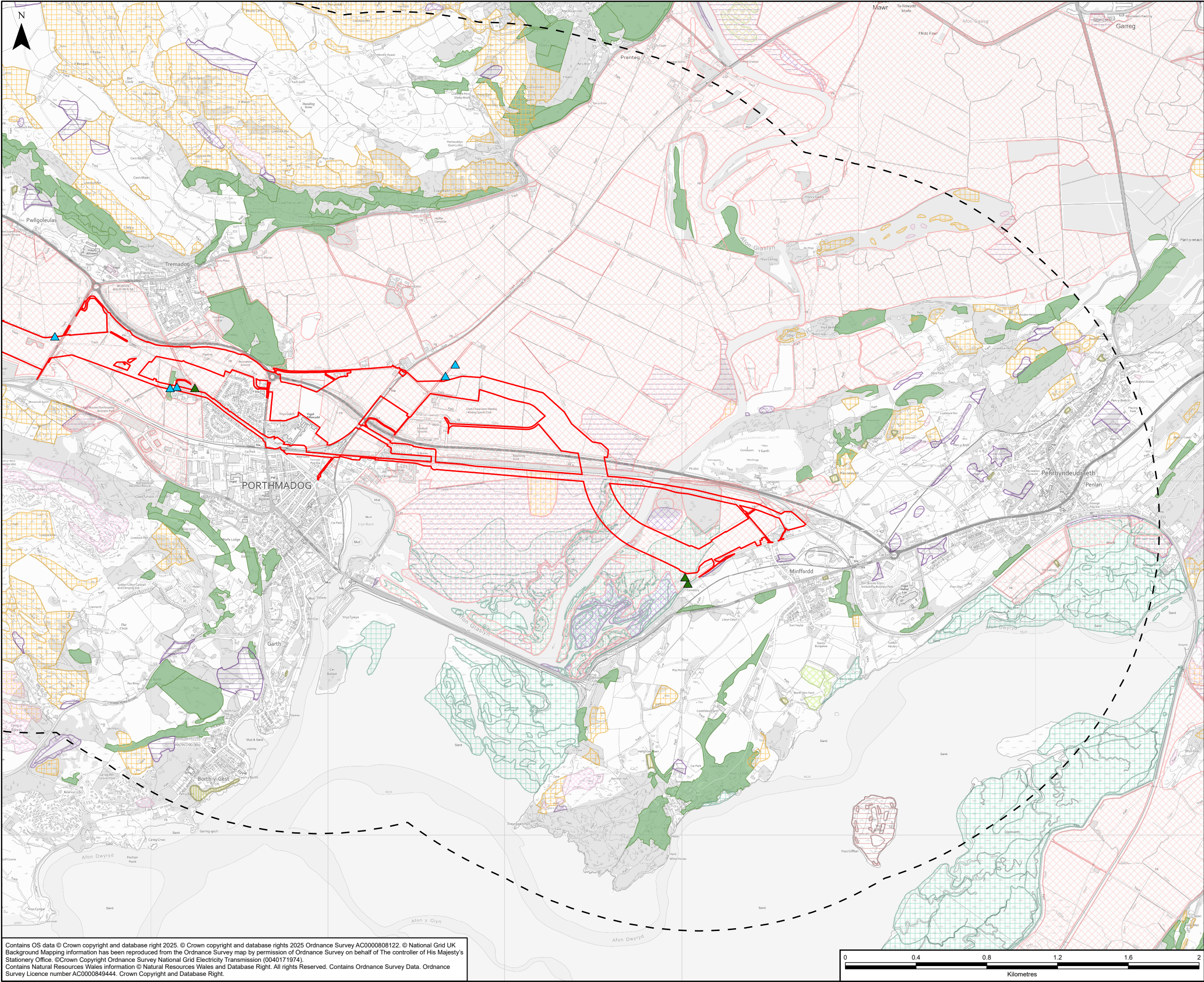
Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.5.4
HABITATS OF PRINCIPAL IMPORTANCE
& ANCIENT WOODLAND

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	29/08/2025	RR	29/08/2025	NL	29/08/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	1 OF 2	A

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Legend

- Glaslyn Works Site Boundary
- 2km Buffer of Glaslyn Works Site Boundary

Arboricultural Survey May 2024

- Ancient Tree
- Veteran Tree

Habitats of Principal Importance (HoPI)¹

- Ancient woodland
- Coastal and floodplain grazing marsh
- Lowland dry acid grassland
- Lowland fens and reedbeds
- Lowland heathland
- Lowland meadows
- Maritime cliff and slopes
- Purple moor grass and rush pastures
- Saltmarsh
- 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	29/08/2025	Environmental Statement	MH	RR	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

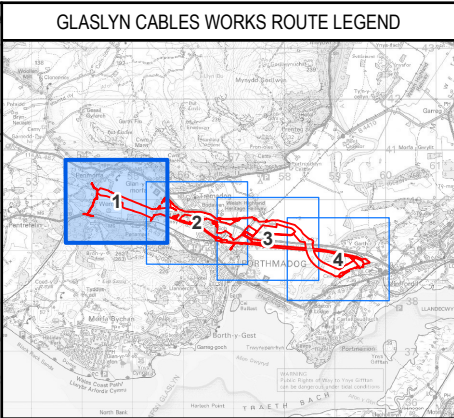
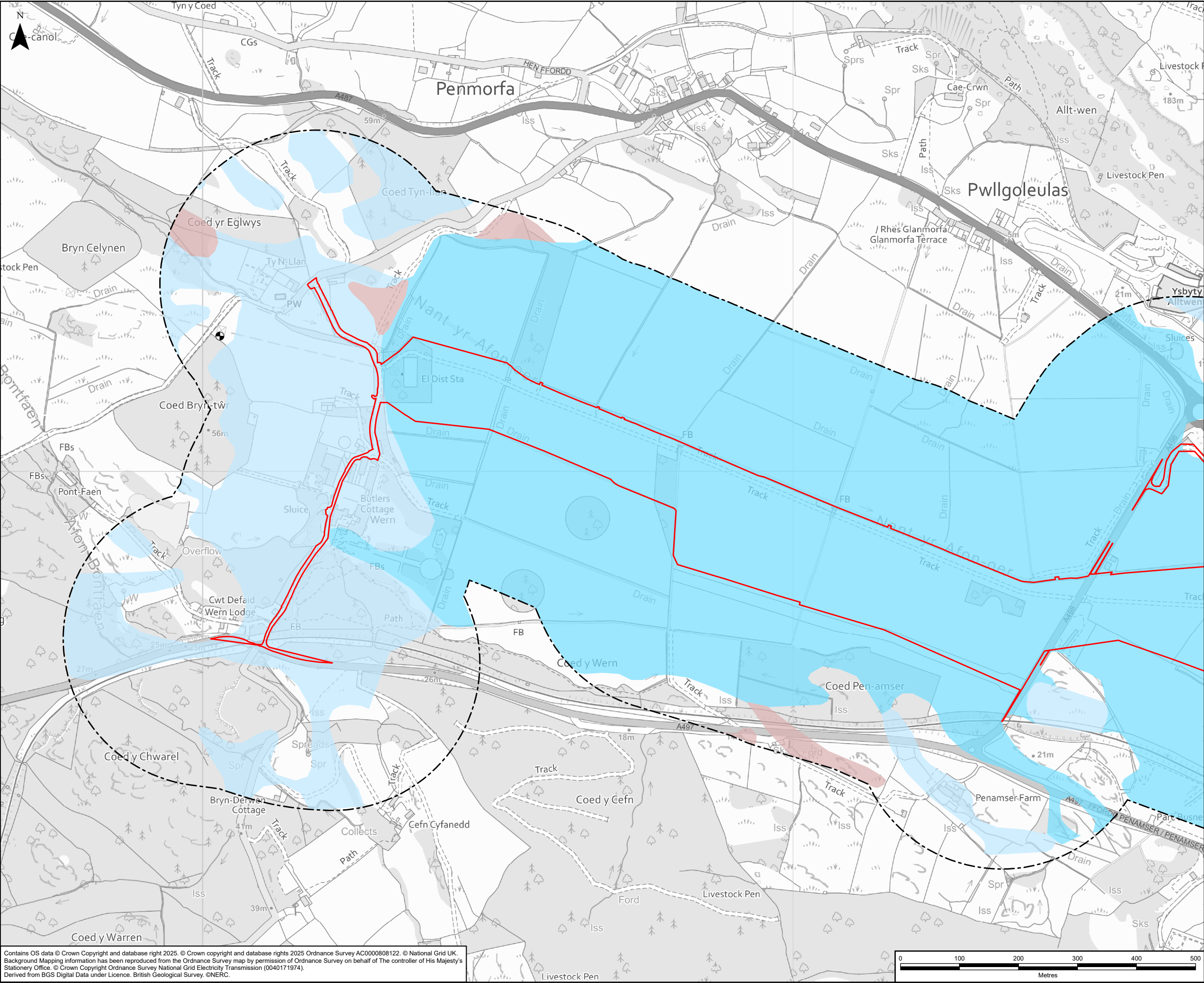
Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.5.4 HABITATS OF PRINCIPAL IMPORTANCE & ANCIENT WOODLAND

Creator:	Date:	Checker:	Date:	Approver:	Date:
MH	29/08/2025	RR	29/08/2025	NL	29/08/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	2 OF 2	A

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - West

BGS Borehole Depth

- Confidential

BGS Superficial Geology 50k

- Alluvium - Clay, Silt, Sand And Gravel
- Head - Clay, Silt, Sand And Gravel
- Till, Devensian - Diamicton

NOTES					
1. Artificial, made ground, superficial geology, and BGS Borehole data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.					
A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid

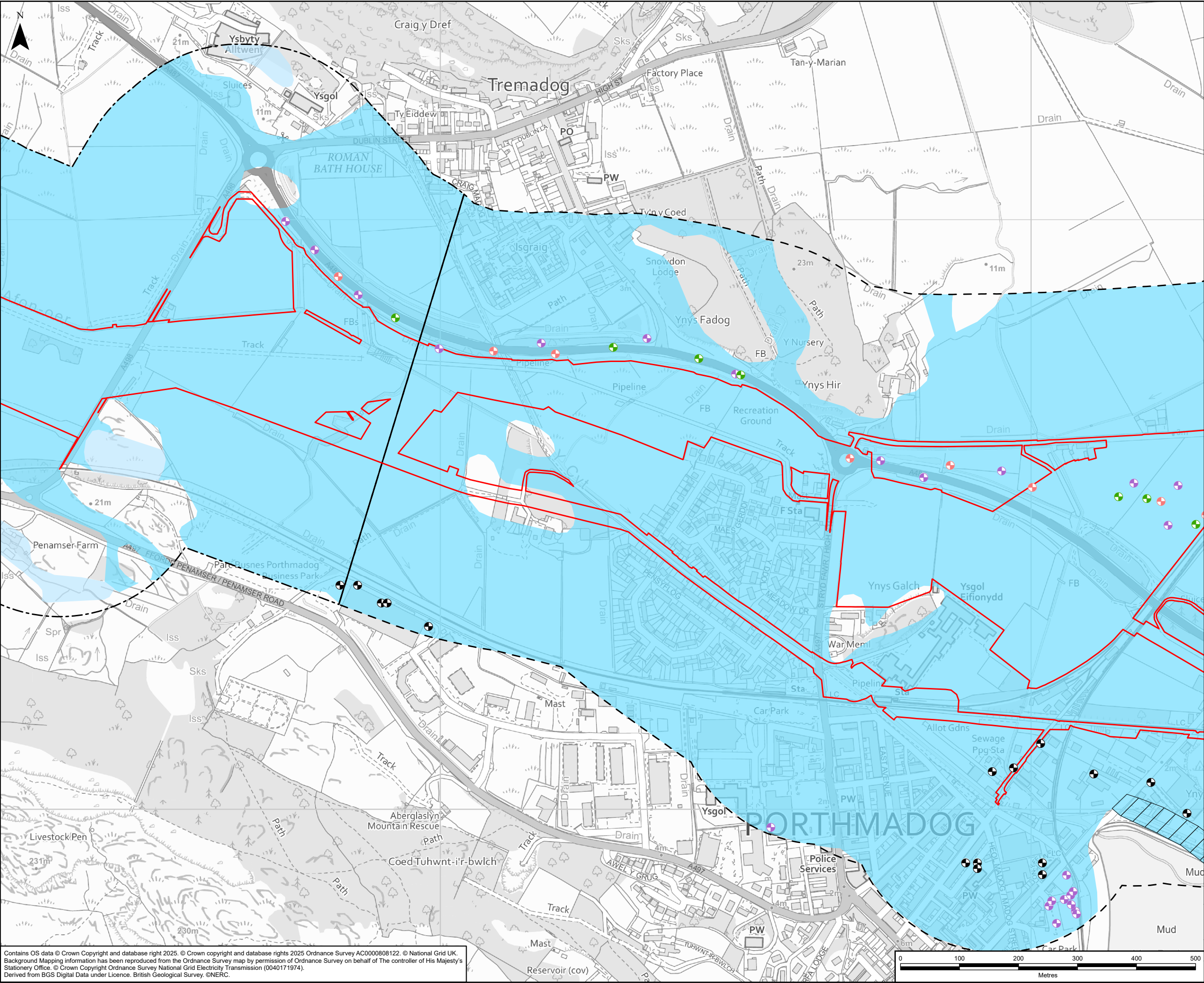
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.1
MADE GROUND, SUPERFICIAL GEOLOGY AND HISTORIC BOREHOLE LOGS

Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 1 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - Central
- 250m Buffer of Glaslyn Works Site Boundary - West

BGS Borehole Depth

- Confidential
- Less than 10m
- 10m - 30m
- Greater than 30m

BGS Artificial and Made Ground 50k

- Made Ground (Undivided)

BGS Superficial Geology 50k

- Alluvium - Clay, Silt, Sand And Gravel
- Till, Devensian - Diamicton

NOTES

1. Artificial, made ground, superficial geology, and BGS Borehole data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

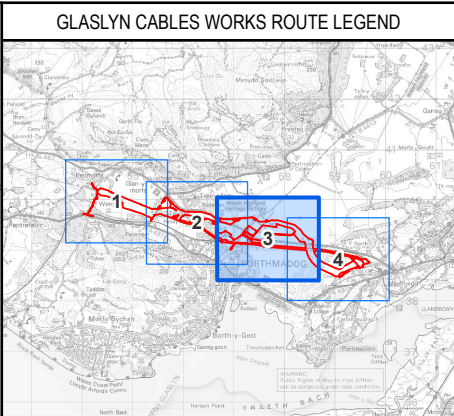
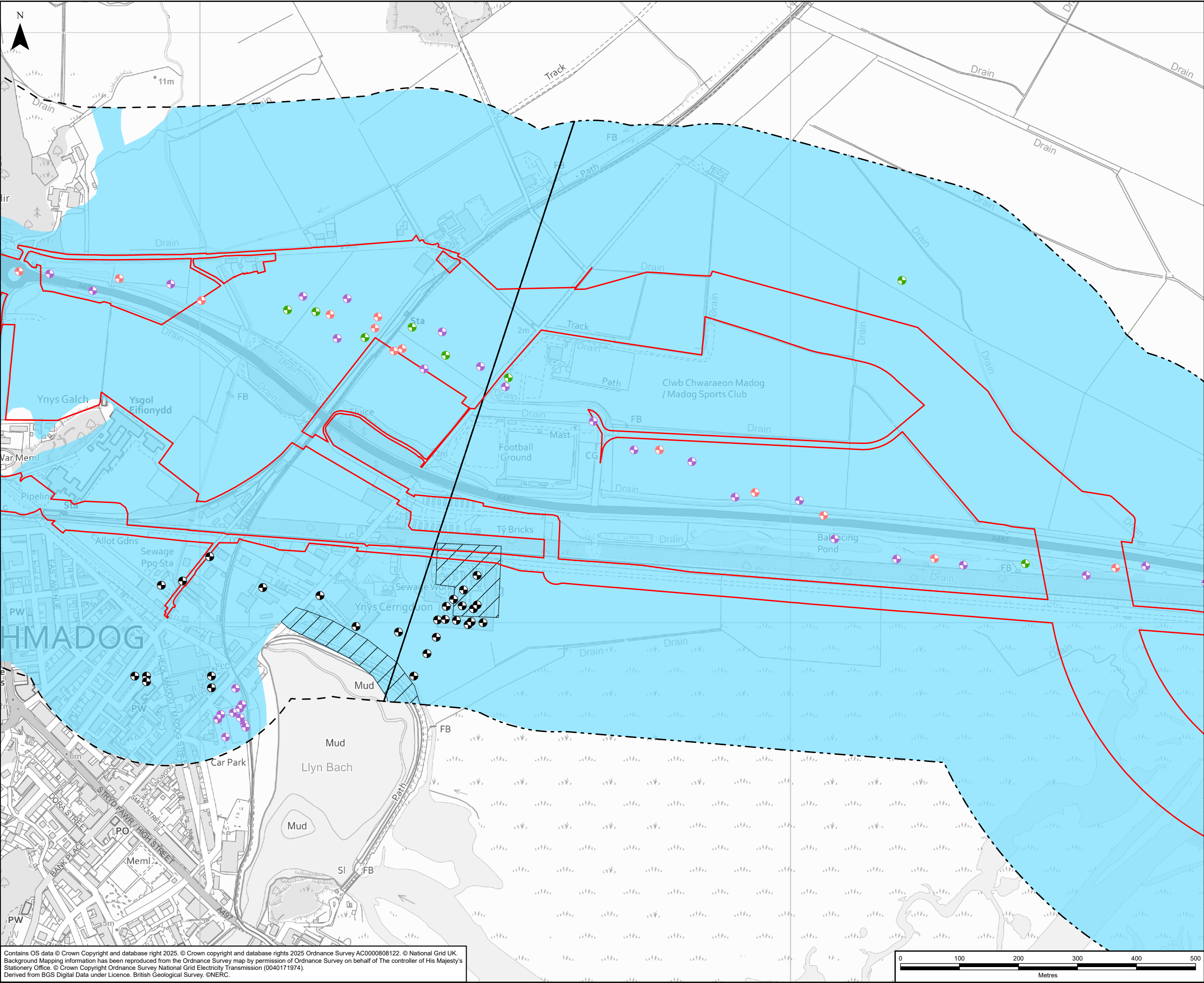
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.1
MADE GROUND, SUPERFICIAL GEOLOGY AND HISTORIC BOREHOLE LOGS

Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 2 OF 4	Rev: A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - East
 - BGS Borehole Depth**
 - Confidential
 - Less than 10m
 - 10m - 30m
 - Greater than 30m
 - BGS Artificial and Made Ground 50k**
 - Made Ground (Undivided)
 - BGS Superficial Geology 50k**
 - Alluvium - Clay, Silt, Sand And Gravel

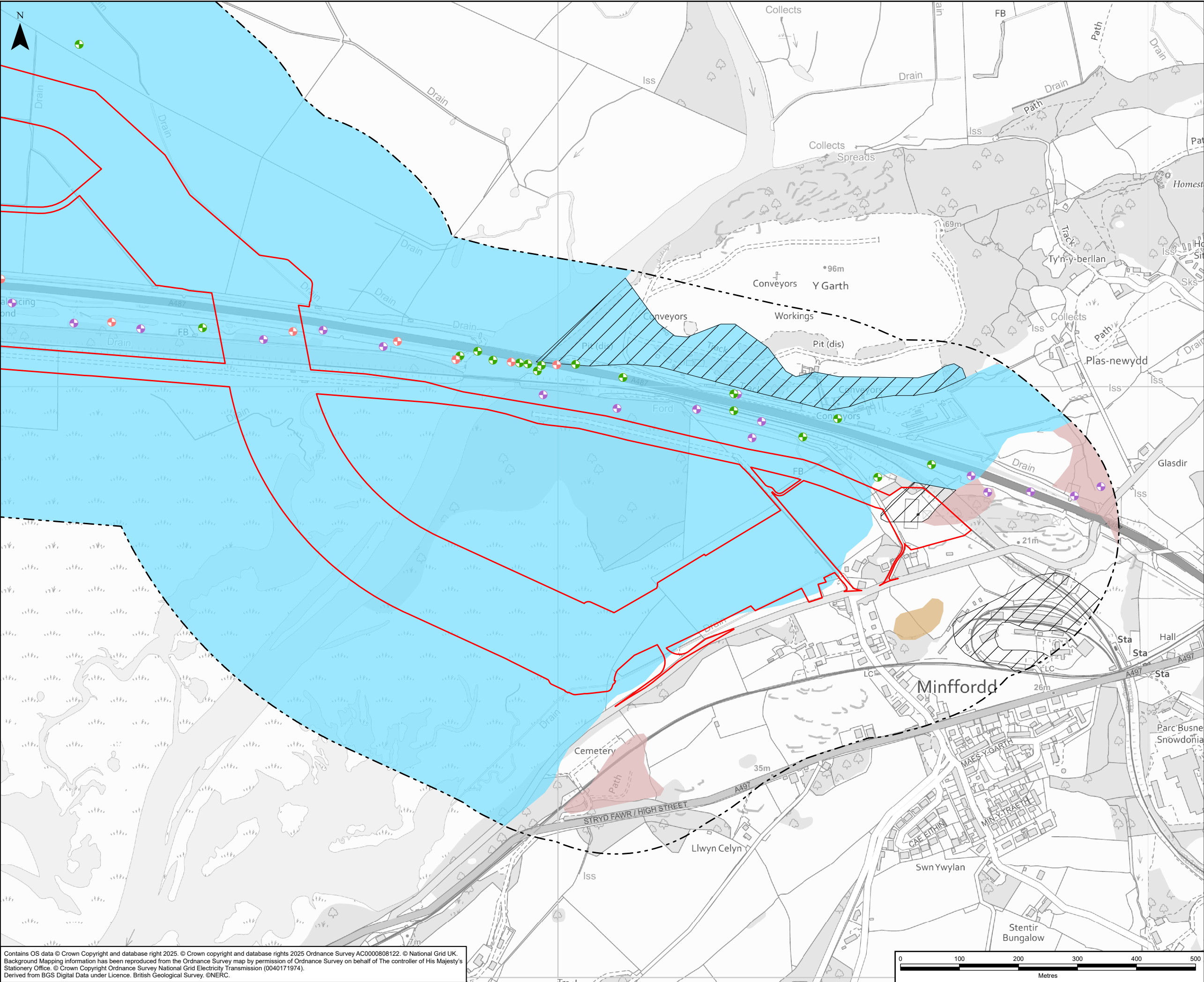
NOTES

1. Artificial, made ground, superficial geology, and BGS Borehole data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.1 MADE GROUND, SUPERFICIAL GEOLOGY AND HISTORIC BOREHOLE LOGS					
Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - East

BGS Borehole Depth

- Less than 10m
- 10m - 30m
- Greater than 30m

BGS Artificial and Made Ground 50k

- Made Ground (Undivided)

BGS Superficial Geology 50k

- Alluvium - Clay, Silt, Sand And Gravel
- Head - Clay, Silt, Sand And Gravel
- Peat - Peat

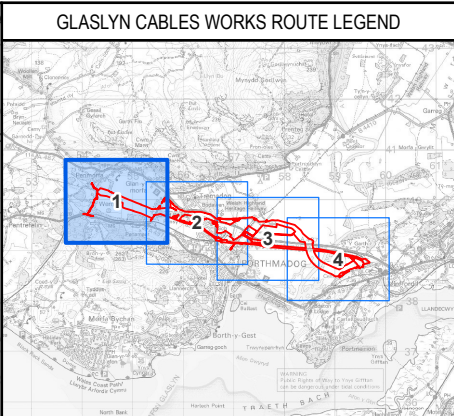
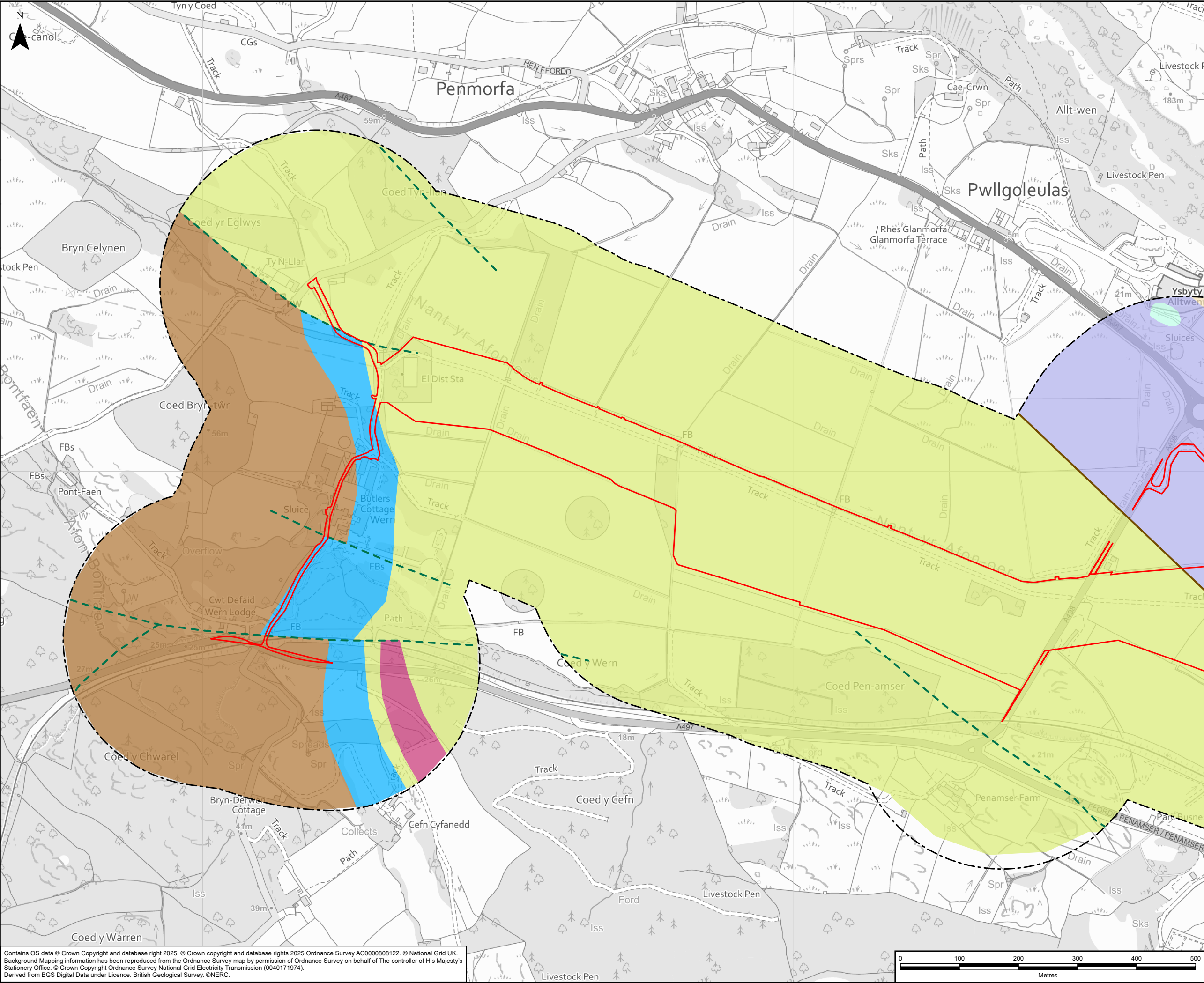
NOTES

1. Artificial, made ground, superficial geology, and BGS Borehole data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.1 MADE GROUND, SUPERFICIAL GEOLOGY AND HISTORIC BOREHOLE LOGS					
Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 4 OF 4	Rev: A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - West
 - BGS Bedrock, Faults and Linear Features 50k
 - Fault, Inferred, Displacement Unknown
 - Reverse or Thrust Fault, Observed
 - BGS Bedrock Geology 50k
 - Dol-Cyn-Afon Formation - Mudstone And Siltstone
 - Dol-Cyn-Afon Formation - Sandstone
 - Dolgellau Formation - Mudstone And Siltstone
 - Ffestiniog Flags Formation - Mudstone, Siltstone And Sandstone
 - Nant Ffrancon Subgroup - Cataclasite
 - Nant Ffrancon Subgroup - Ironstone
 - Nant Ffrancon Subgroup - Siltstone

NOTES

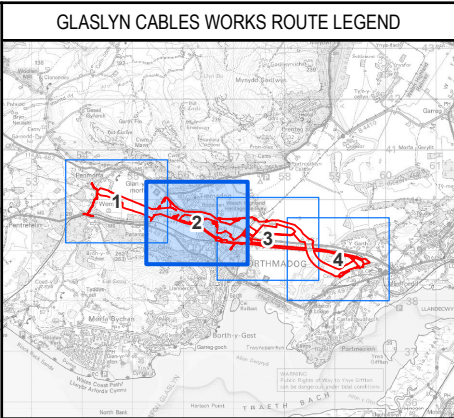
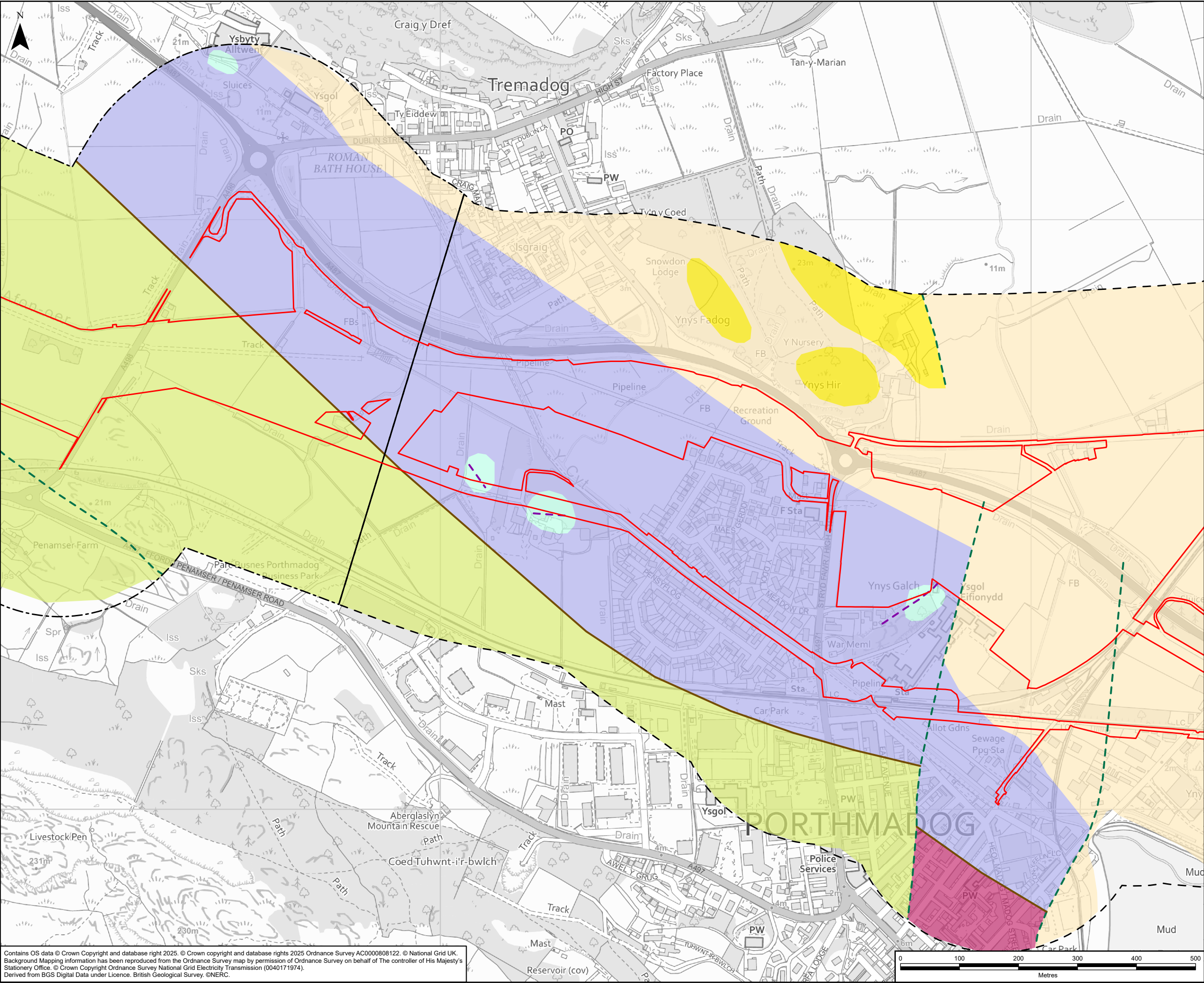
1. Bedrock geology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.2 BEDROCK GEOLOGY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 1 OF 4	Rev: A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - West
- BGS Bedrock, Faults and Linear Features 50k**
- Fault, Inferred, Displacement Unknown
 - Mineral Vein, Inferred
 - Reverse or Thrust Fault, Observed
- BGS Bedrock Geology 50k**
- Dol-Cyn-Afon Formation - Mudstone And Siltstone
 - Dol-Cyn-Afon Formation - Sandstone
 - Moelwyn Volcanic Formation, Lower Member - Tuffite
 - Nant Ffron Subgroup - Cataclasite
 - Nant Ffron Subgroup - Ironstone
 - Nant Ffron Subgroup - Siltstone

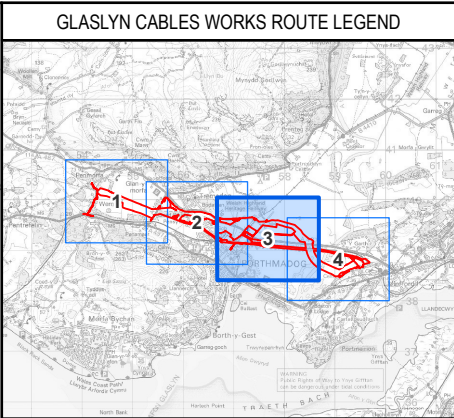
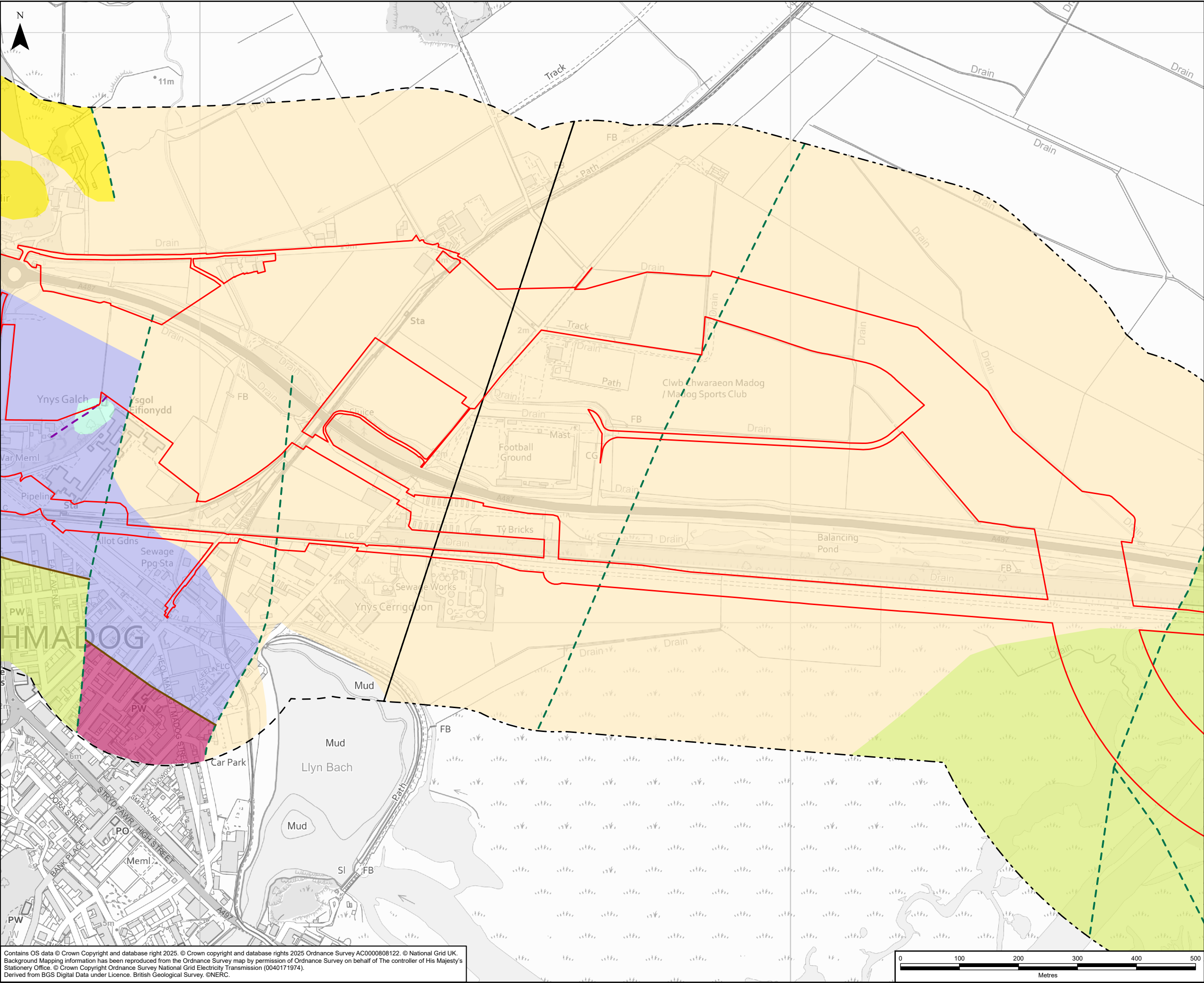
NOTES

1. Bedrock geology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.2 BEDROCK GEOLOGY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 2 OF 4	Rev: A	

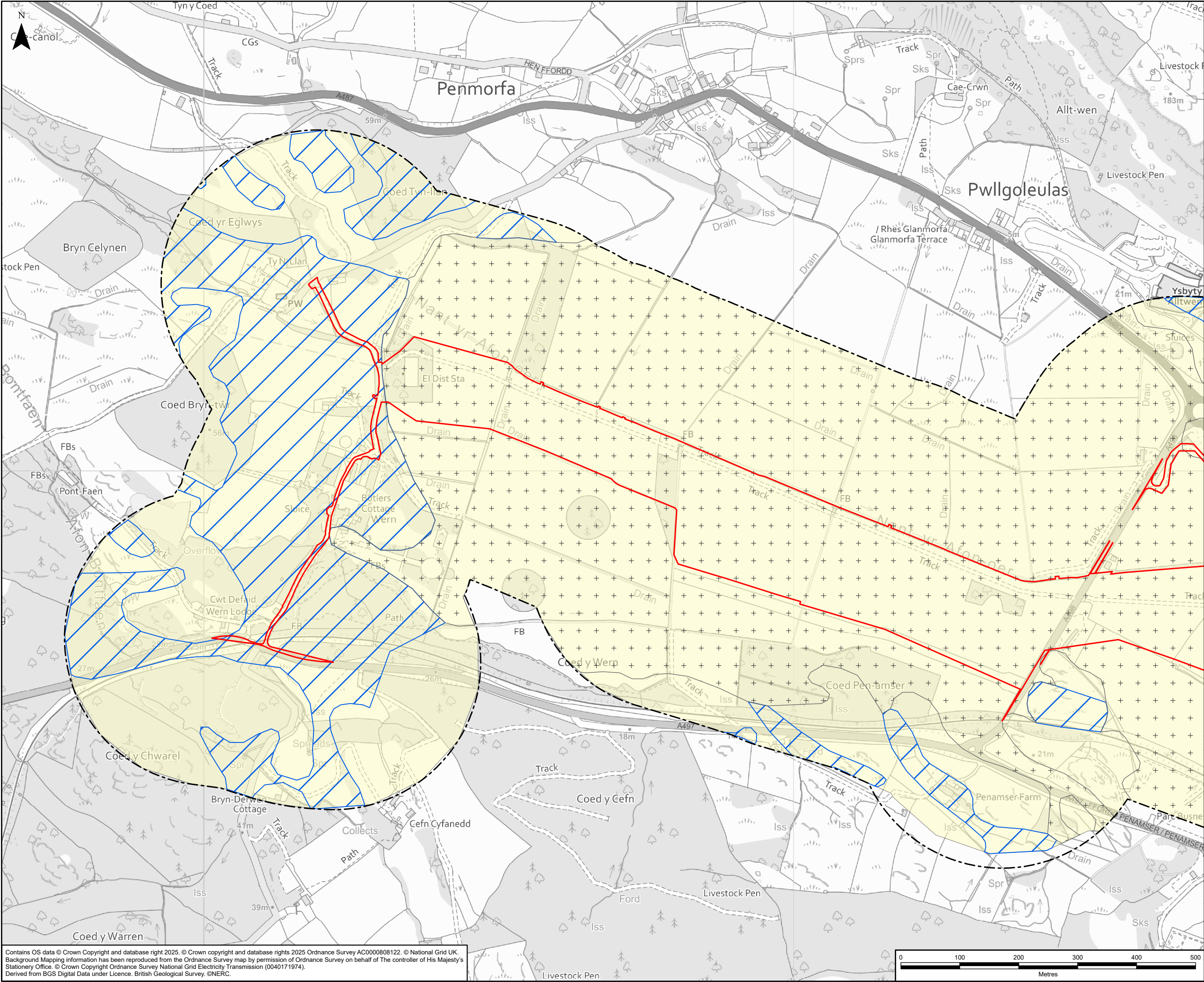
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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - East
 - BGS Bedrock, Faults and Linear Features 50k
 - Fault, Inferred, Displacement Unknown
 - Mineral Vein, Inferred
 - Reverse or Thrust Fault, Observed
 - BGS Bedrock Geology 50k
 - Dol-Cyn-Afon Formation - Mudstone And Siltstone
 - Dol-Cyn-Afon Formation - Sandstone
 - Moelwyn Volcanic Formation, Lower Member - Tuffite
 - Nant Ffron Subgroup - Cataclasite
 - Nant Ffron Subgroup - Ironstone
 - Nant Ffron Subgroup - Siltstone

NOTES					
1. Bedrock geology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.					
A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.2 BEDROCK GEOLOGY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - West

BGS Hydrogeology

- Superficial Secondary A Aquifer
- Superficial Secondary Undifferentiated Aquifer
- Bedrock Secondary B Aquifer

NOTES

1. Hydrogeology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

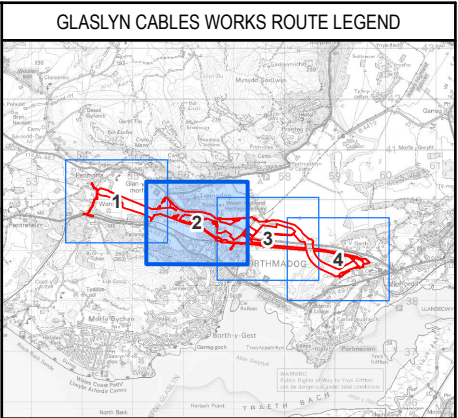
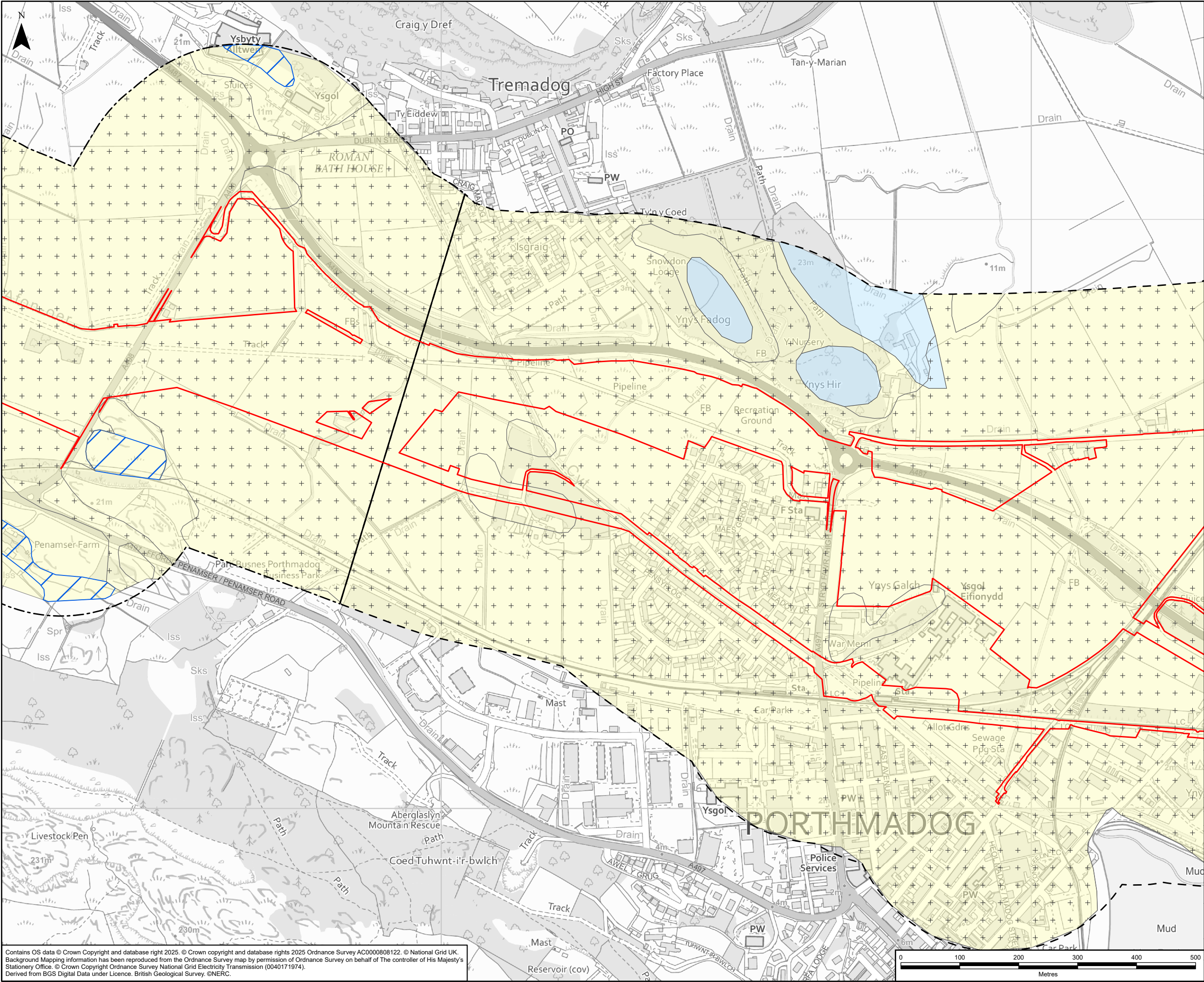
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.3 HYDROGEOLOGY

Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 1 OF 4	Rev: A	

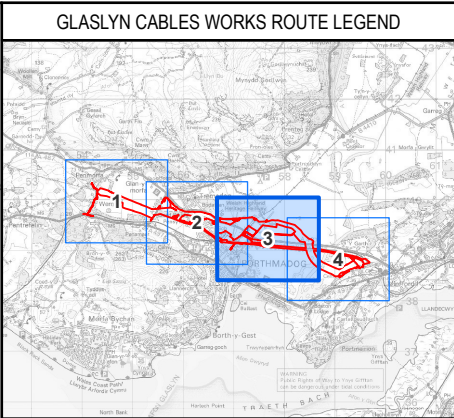
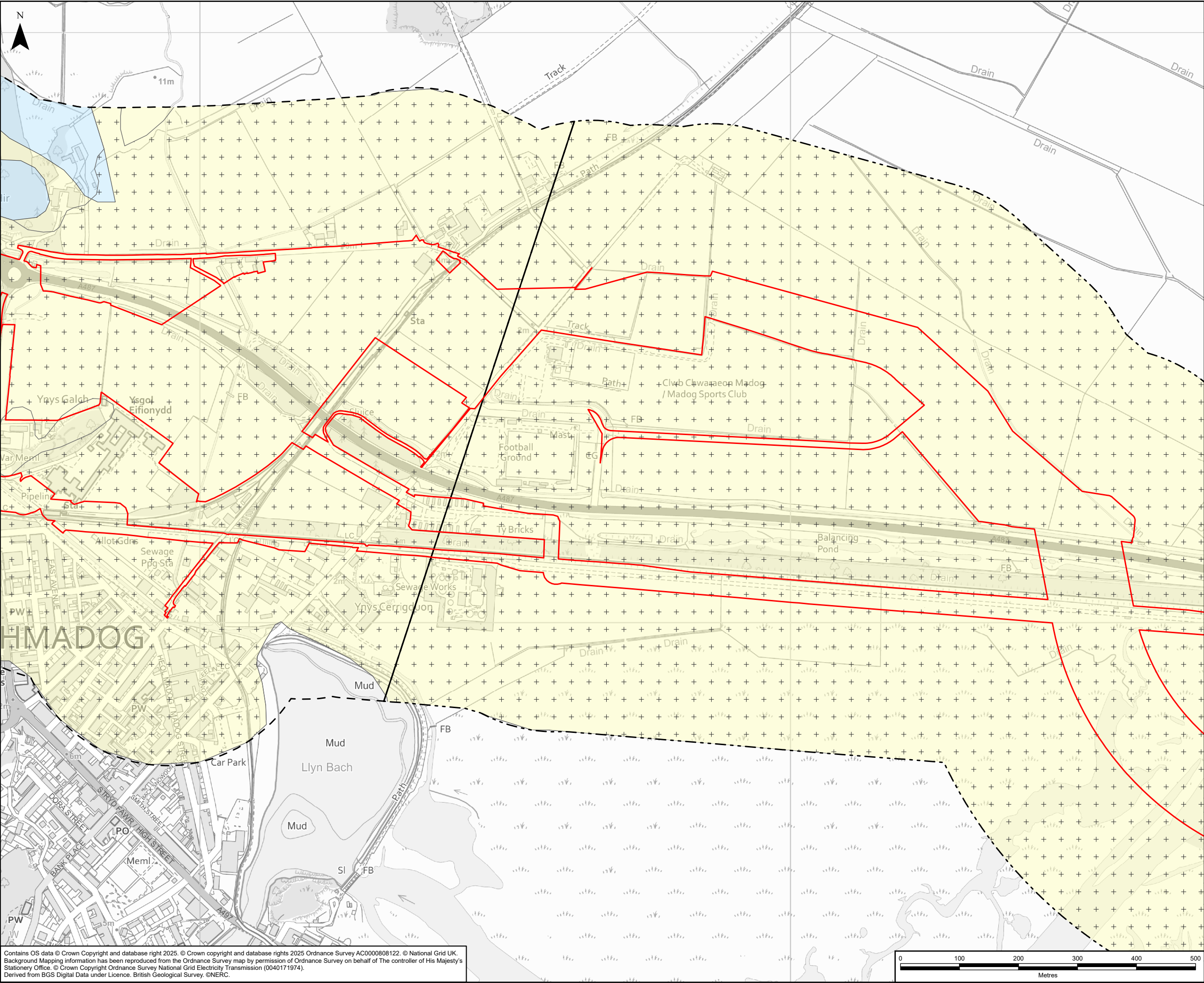
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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - West
- BGS Hydrogeology**
- Superficial Secondary A Aquifer
 - Superficial Secondary Undifferentiated Aquifer
 - Bedrock Secondary A Aquifer
 - Bedrock Secondary B Aquifer

NOTES					
1. Hydrogeology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.					
A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.3 HYDROGEOLOGY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 2 OF 4	Rev: A	

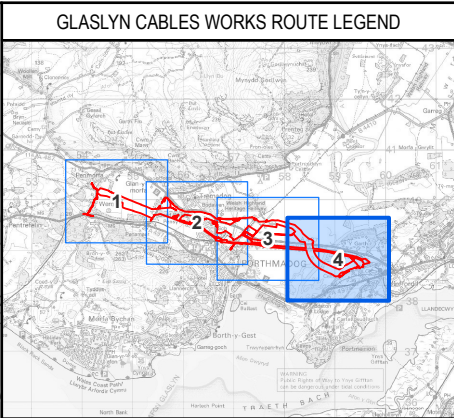
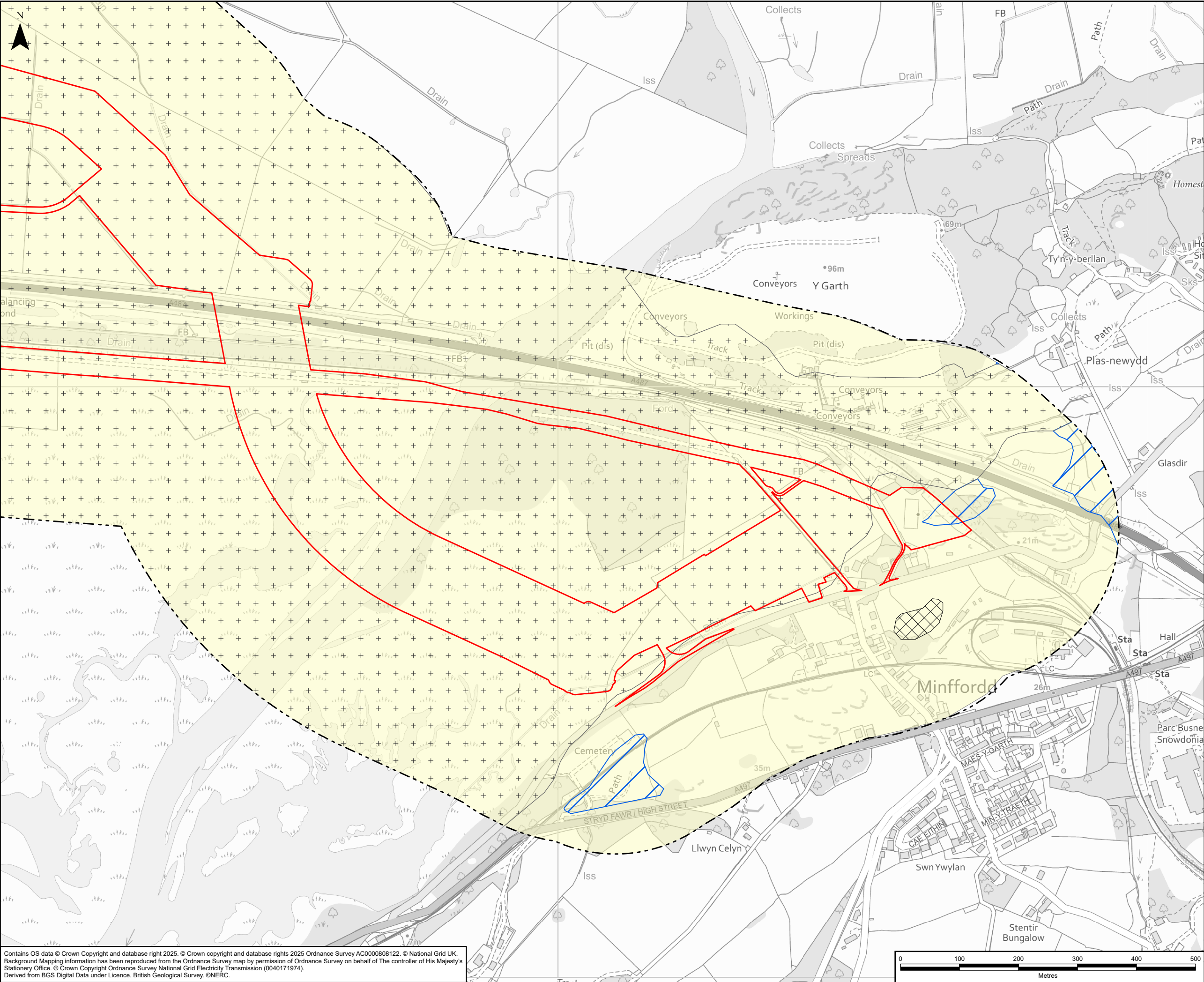
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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - East
- BGS Hydrogeology**
- Superficial Secondary A Aquifer
 - Bedrock Secondary A Aquifer
 - Bedrock Secondary B Aquifer

NOTES					
1. Hydrogeology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.					
A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.3 HYDROGEOLOGY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - East

BGS Hydrogeology

- Superficial Secondary A Aquifer
- Superficial Secondary Undifferentiated Aquifer
- Superficial Unproductive Aquifer
- Bedrock Secondary B Aquifer

NOTES

1. Hydrogeology data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

Rev	Date	Description	GIS	Chk	App
A	11/08/2025	Environmental Statement	LP	SB	NL

nationalgrid

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

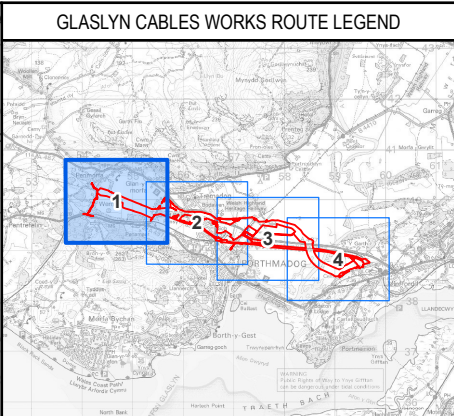
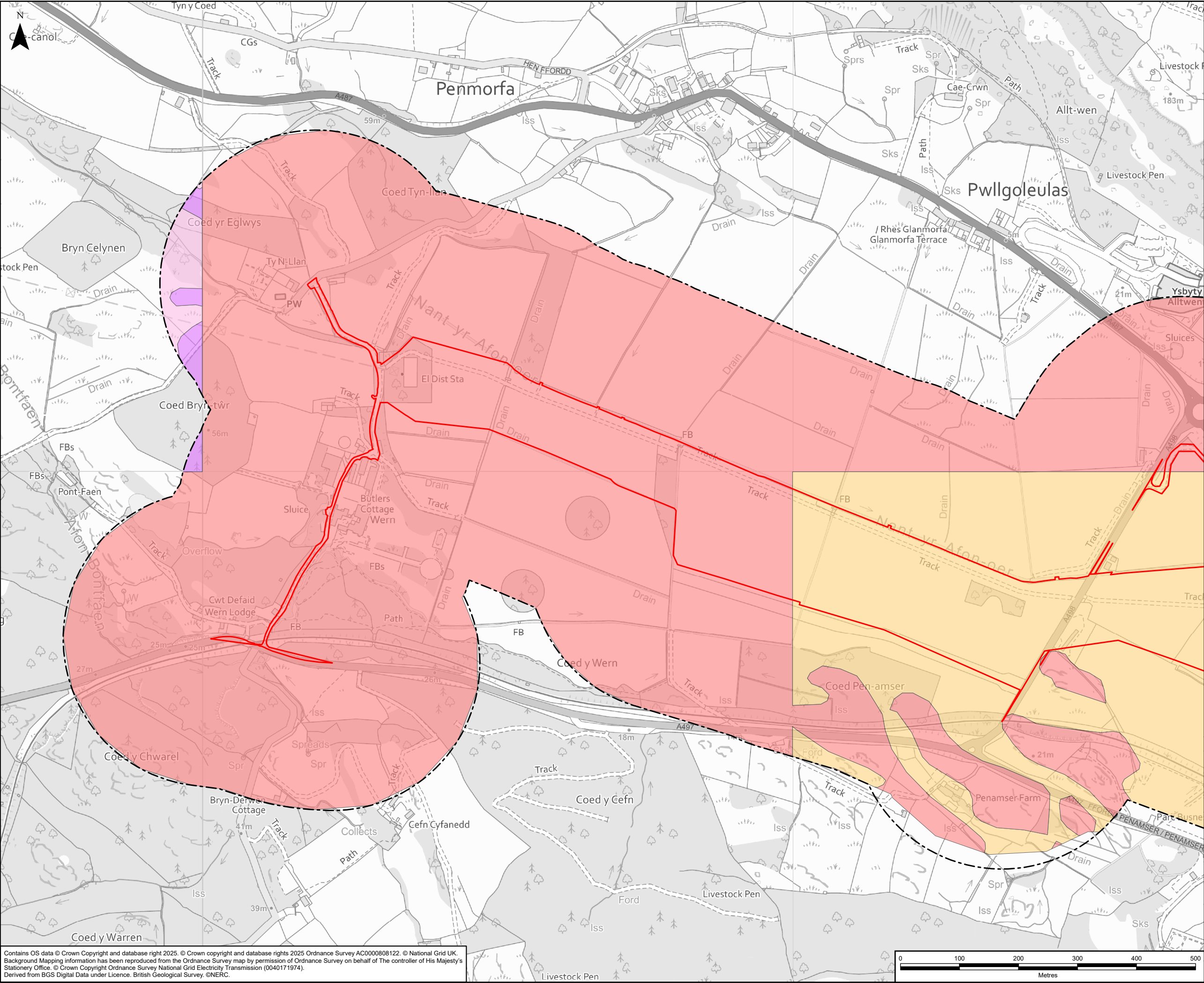
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Document Title: FIGURE 4.7.3 HYDROGEOLOGY

Creator:	Date:	Checker:	Date:	Approver:	Date:
LP	11/08/2025	SB	11/08/2025	NL	11/08/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:6,000	A3	4 OF 4	A

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Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - West
- BGS Groundwater Vulnerability
 - Secondary Superficial Aquifer - High Vulnerability
 - Secondary Superficial Aquifer - Medium Vulnerability
 - Secondary Bedrock Aquifer - High Vulnerability
 - Secondary Bedrock Aquifer - Medium Vulnerability

NOTES

1. Groundwater vulnerability data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid

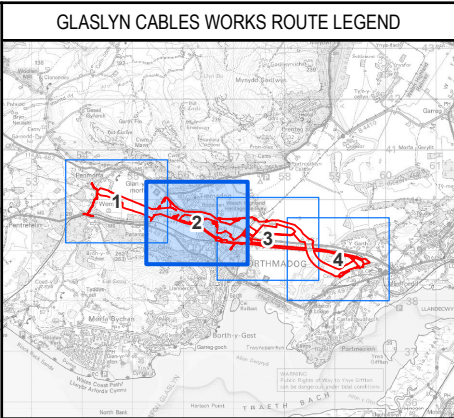
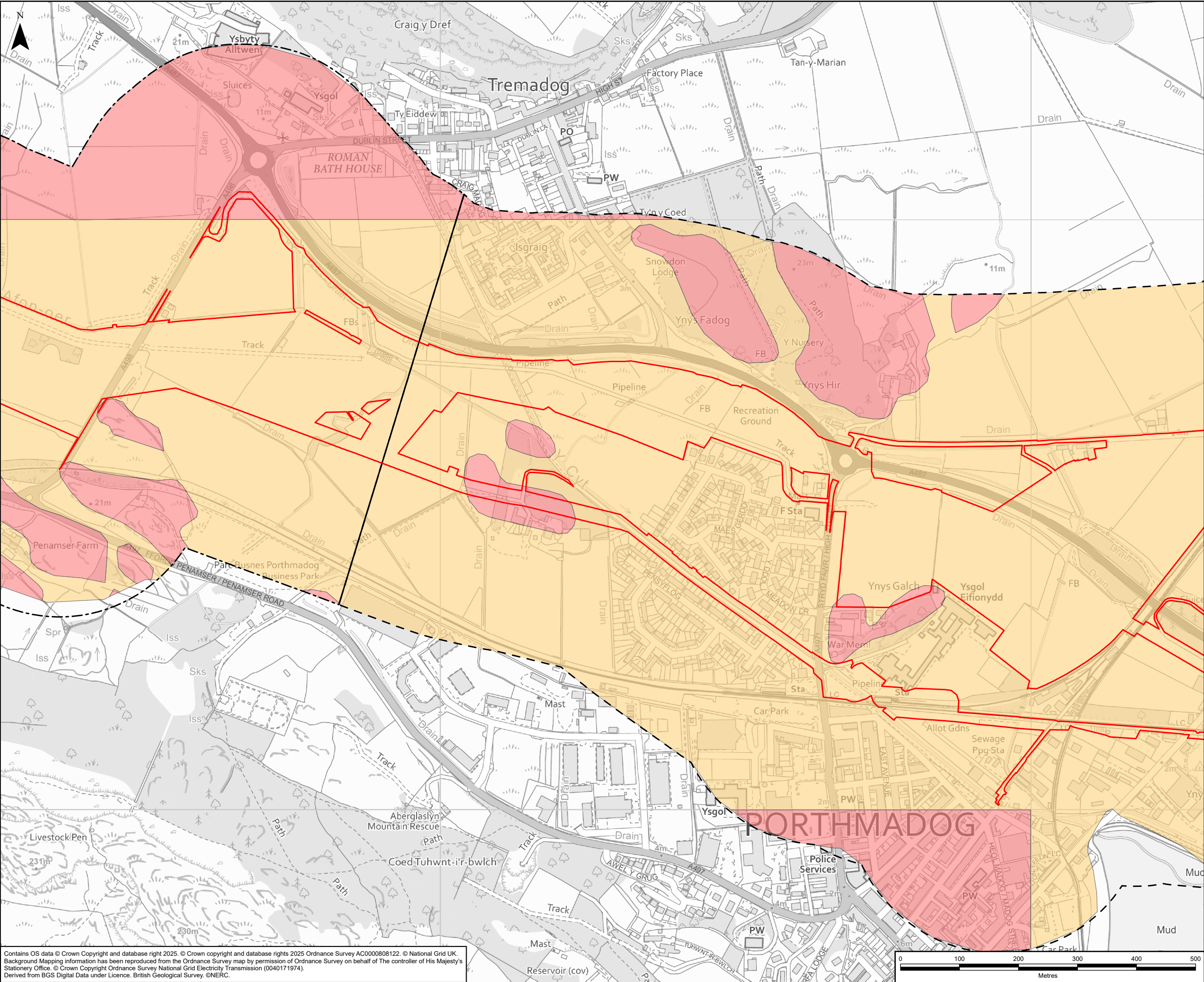
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.4 GROUNDWATER VULNERABILITY

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Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 1 OF 4	Rev: A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - West
- BGS Groundwater Vulnerability**
- Secondary Superficial Aquifer - High Vulnerability
 - Secondary Bedrock Aquifer - High Vulnerability

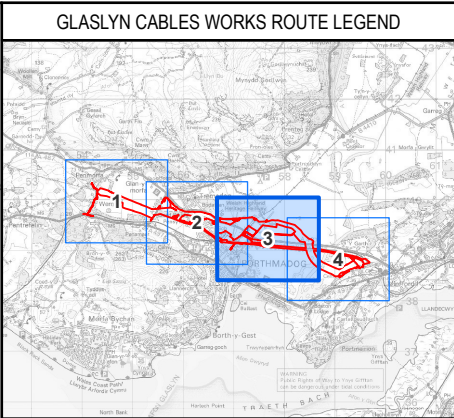
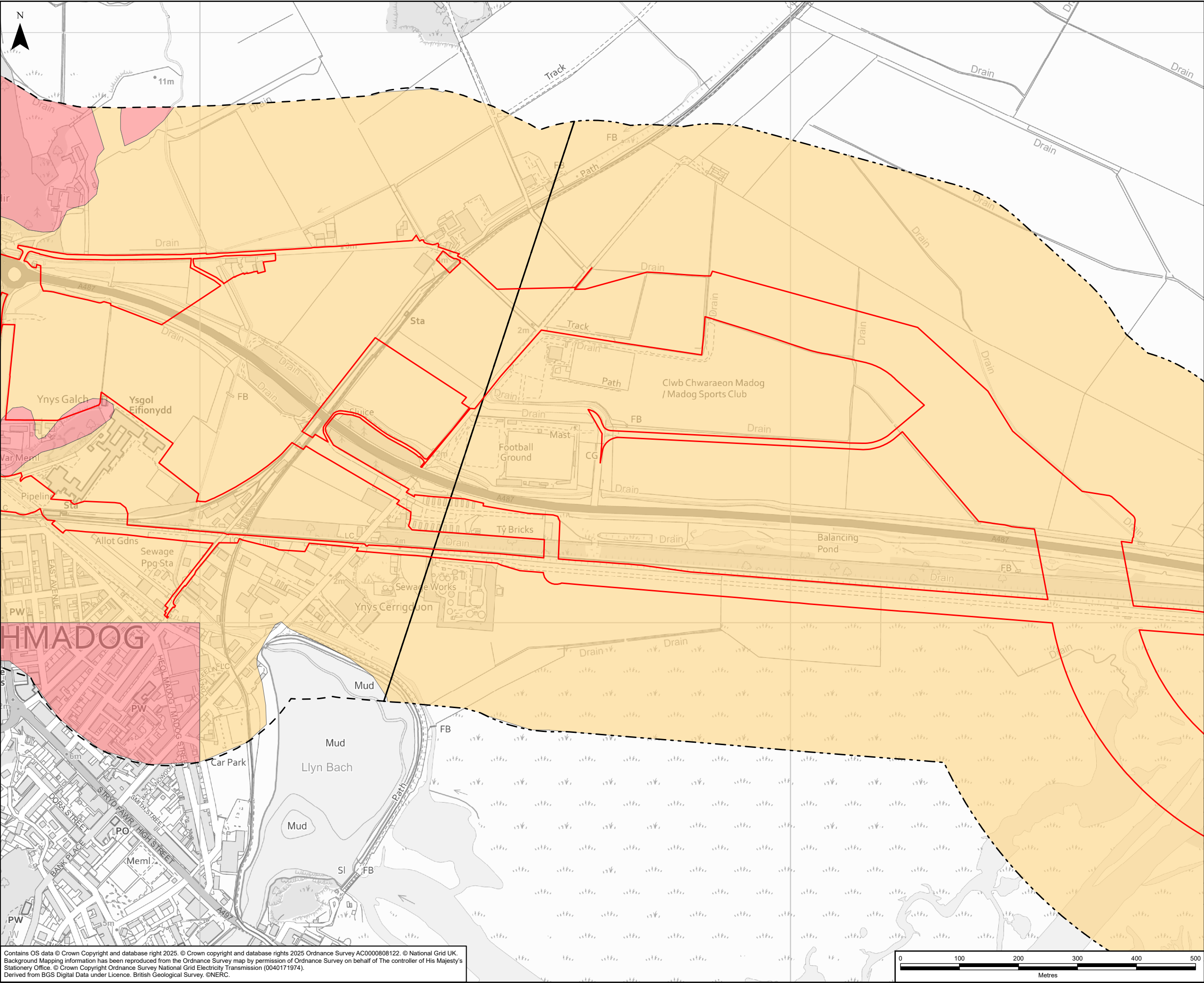
NOTES

1. Groundwater vulnerability data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.4 GROUNDWATER VULNERABILITY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 2 OF 4	Rev: A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Works Site Boundary - East
- BGS Groundwater Vulnerability**
- Secondary Superficial Aquifer - High Vulnerability
 - Secondary Bedrock Aquifer - High Vulnerability

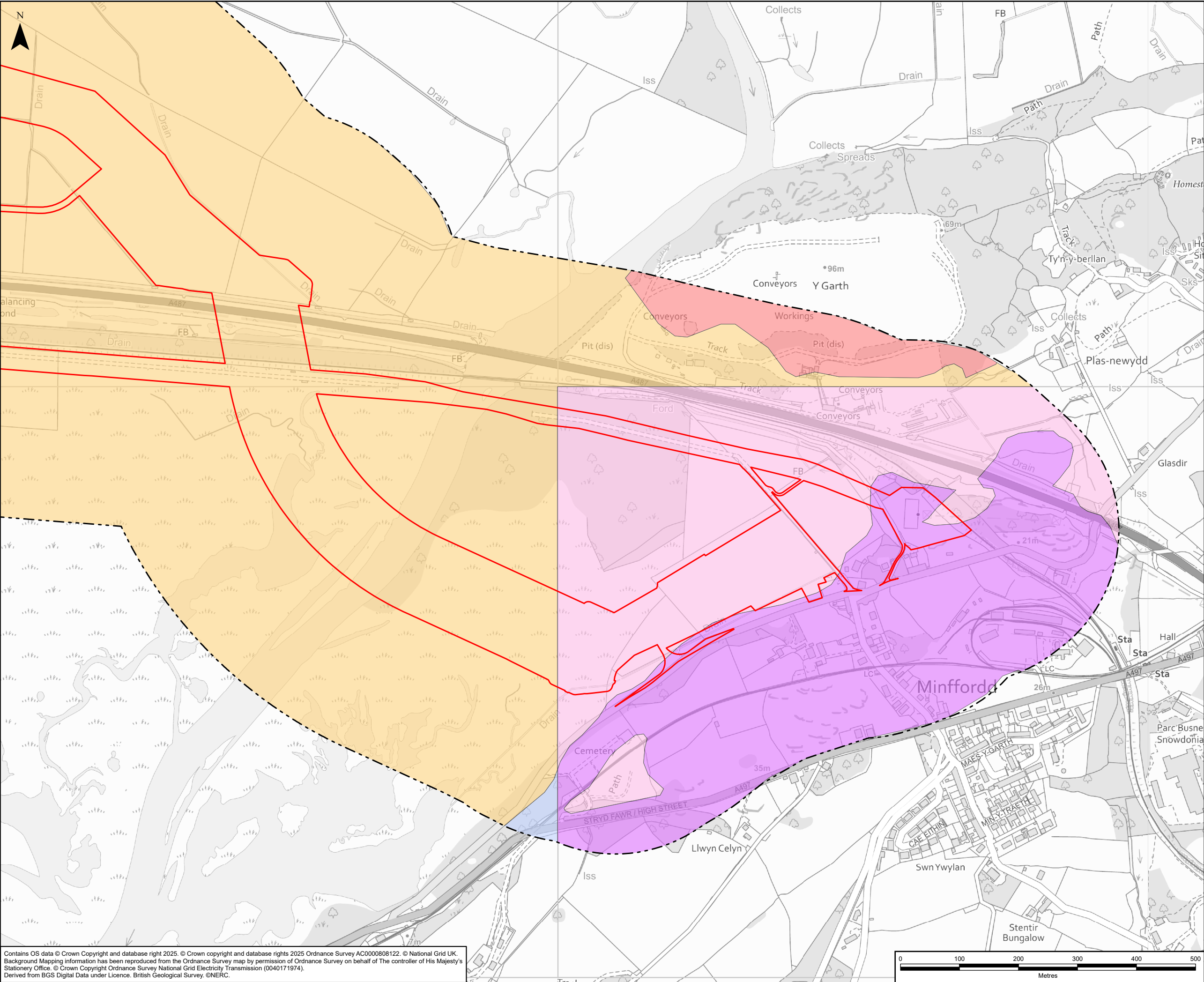
NOTES

1. Groundwater vulnerability data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.4 GROUNDWATER VULNERABILITY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Works Site Boundary - East

BGS Groundwater Vulnerability

- Secondary Superficial Aquifer - High Vulnerability
- Secondary Superficial Aquifer - Medium Vulnerability
- Secondary Bedrock Aquifer - High Vulnerability
- Secondary Bedrock Aquifer - Medium Vulnerability
- Secondary Bedrock Aquifer - Low Vulnerability

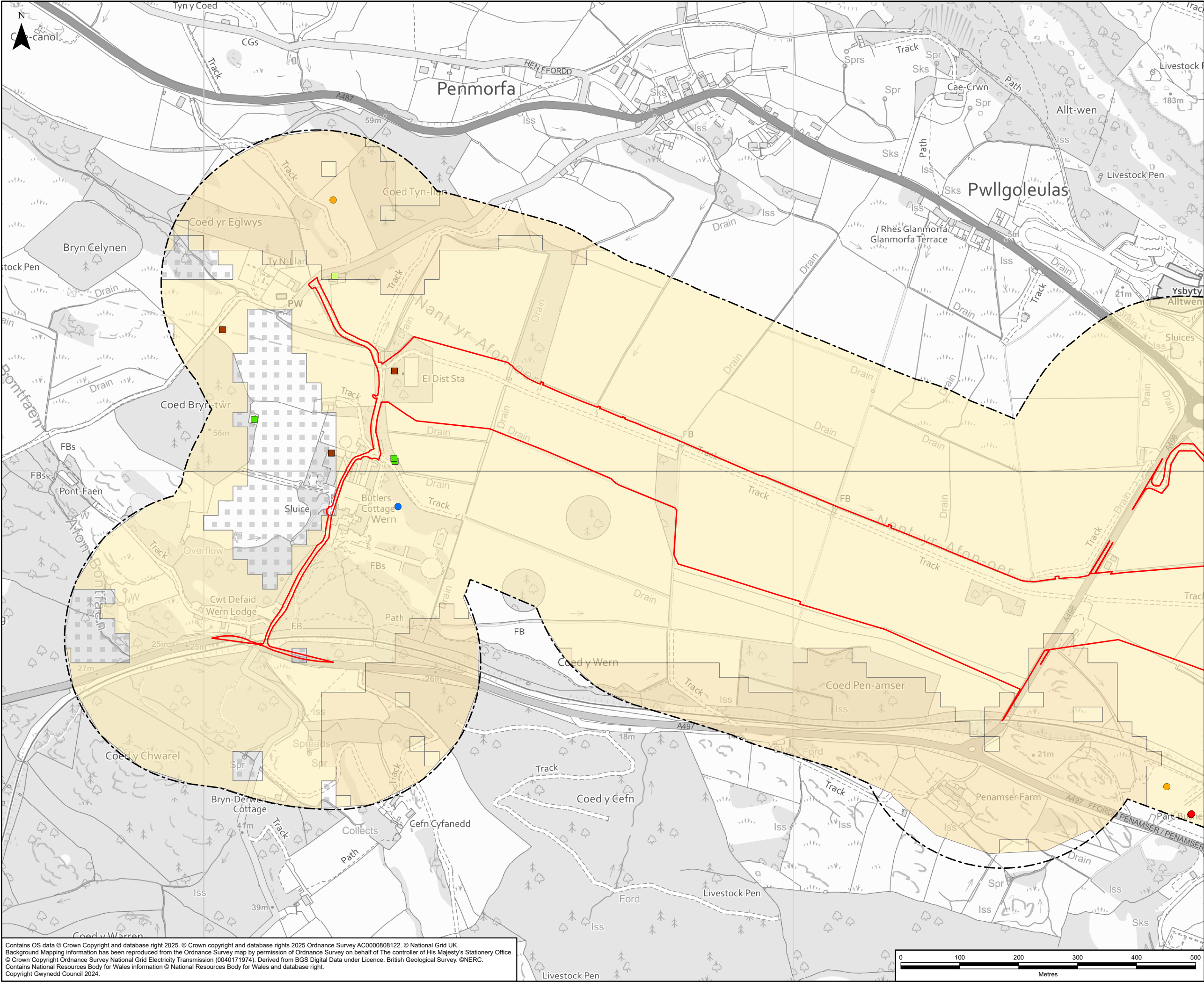
NOTES

1. Groundwater vulnerability data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	11/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.4 GROUNDWATER VULNERABILITY					
Creator: LP	Date: 11/08/2025	Checker: SB	Date: 11/08/2025	Approver: NL	Date: 11/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 4 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - West
- Licensed Discharge to Controlled Waters
- Pollution Incident
- Industrial Features
- Infrastructure and Facilities
- Repair and Servicing
- Licensed Waste Site
- Radon**
 - Less than 1%
 - Between 1% and 3%
 - Between 3% and 5%

NOTES

1: All datasets shown in this figure were supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid

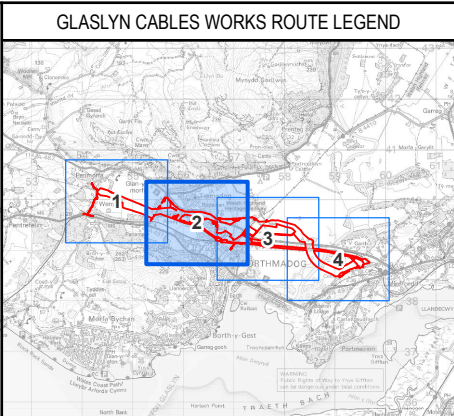
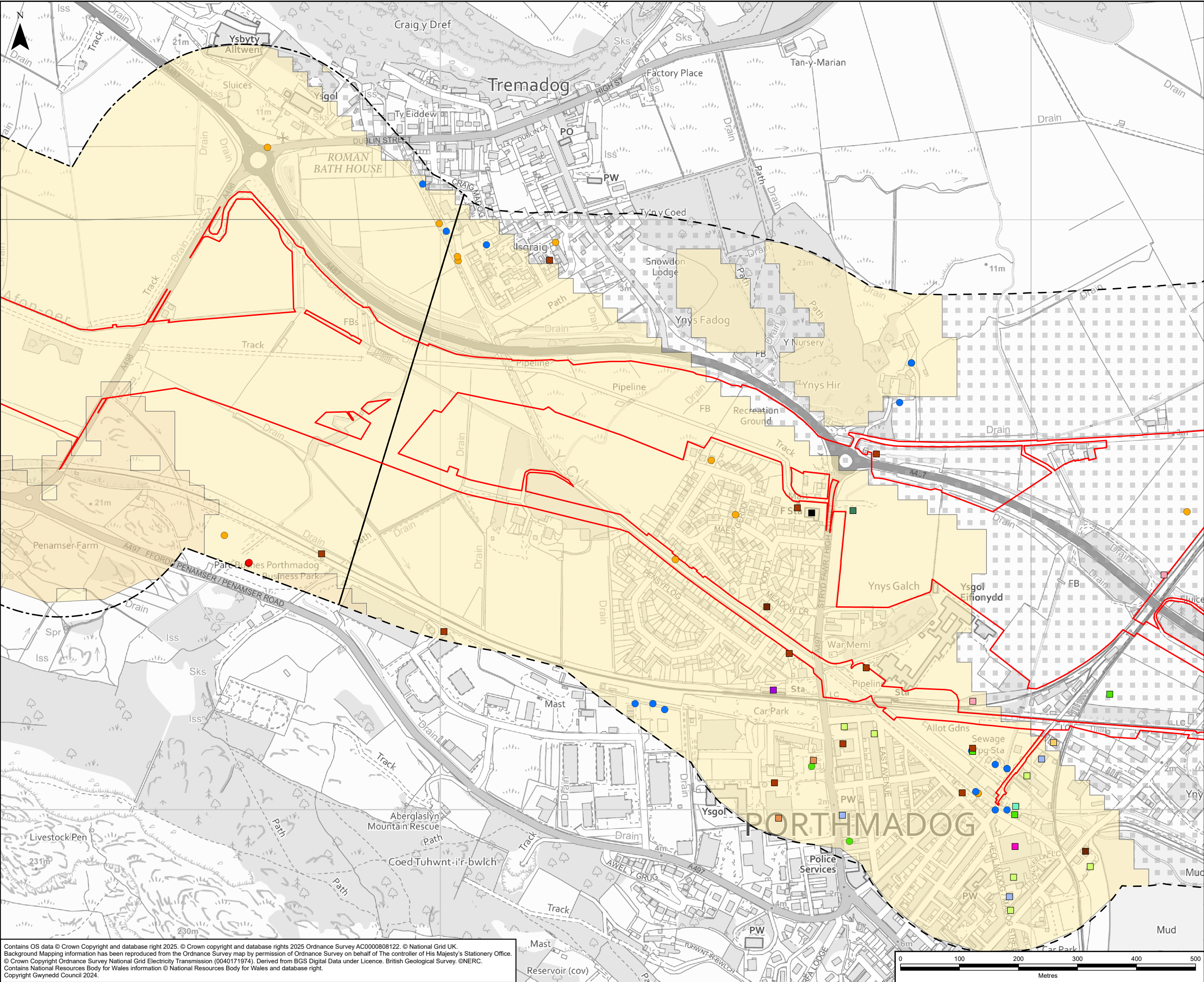
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.5
POTENTIAL SOURCES OF CONTAMINATION

Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 1 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - Central
- 250m Buffer of Glaslyn Works Site Boundary - West
- Licensed Discharge to Controlled Waters
- Licensed Pollutant Release
- Pollution Incident

Current Industrial Land Use

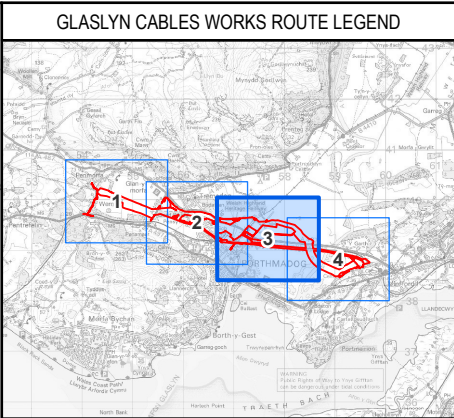
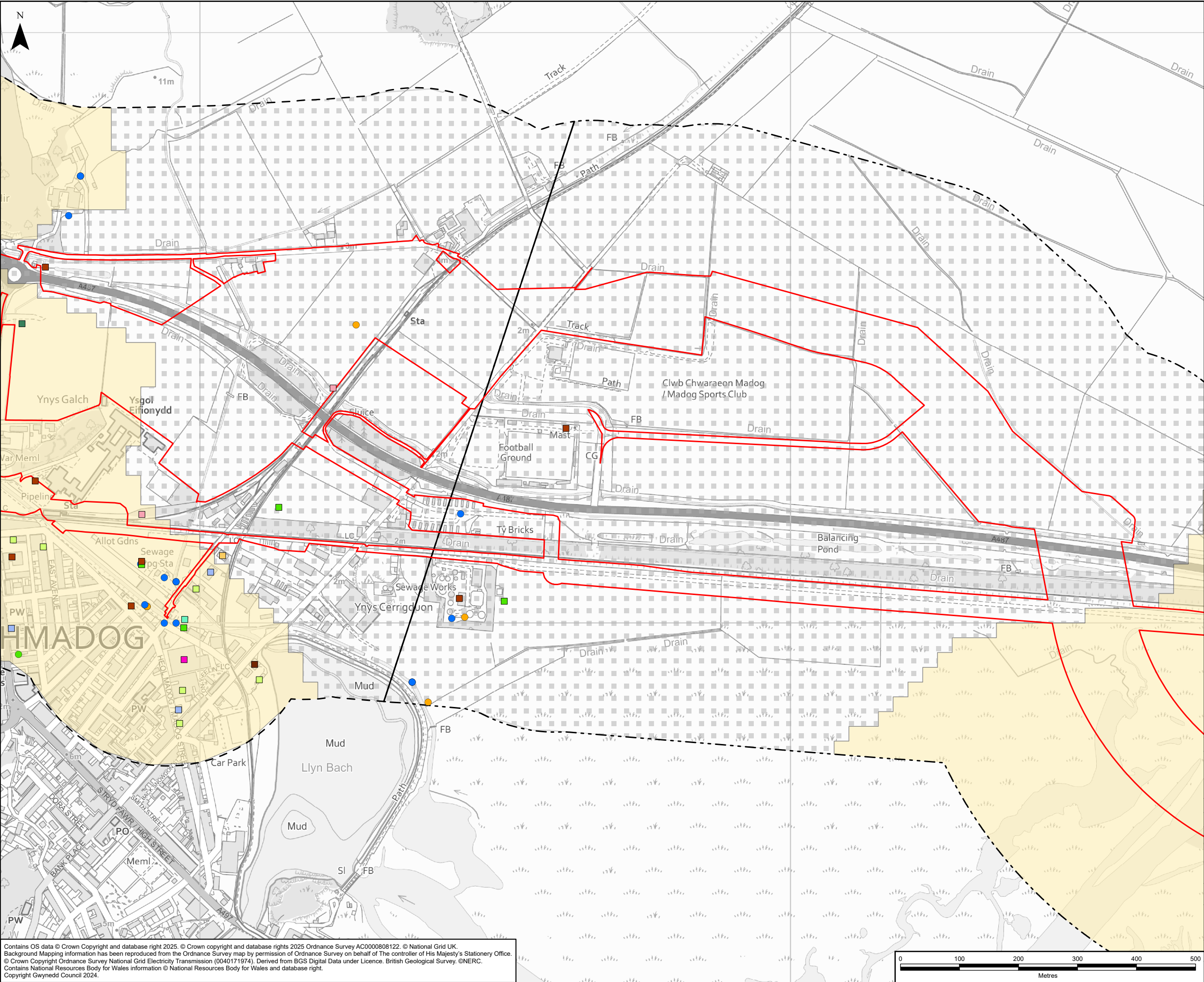
- Central and Local Government
- Extractive Industries
- Health Support Services
- Household, Office, Leisure and Garden
- Industrial Features
- Industrial Products
- Infrastructure and Facilities
- Motoring
- Public Transport, Stations and Infrastructure
- Repair and Servicing
- Road and Rail
- Tourism
- Transport, Storage and Delivery
- Licensed Waste Site

Radon

- Less than 1%
- Between 1% and 3%
- Between 3% and 5%

NOTES					
1: All datasets shown in this figure were supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.					
A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.5 POTENTIAL SOURCES OF CONTAMINATION					
Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 2 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - Central
- 250m Buffer of Glaslyn Works Site Boundary - East
- Licensed Discharge to Controlled Waters
- Licensed Pollutant Release
- Pollution Incident

Current Industrial Land Use

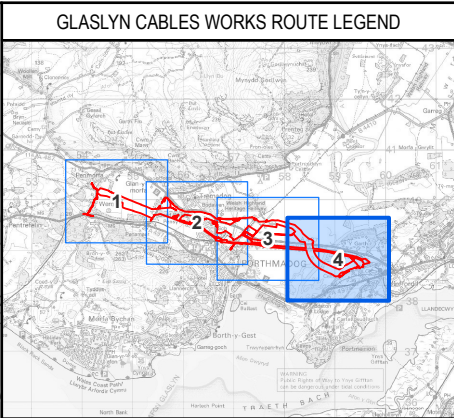
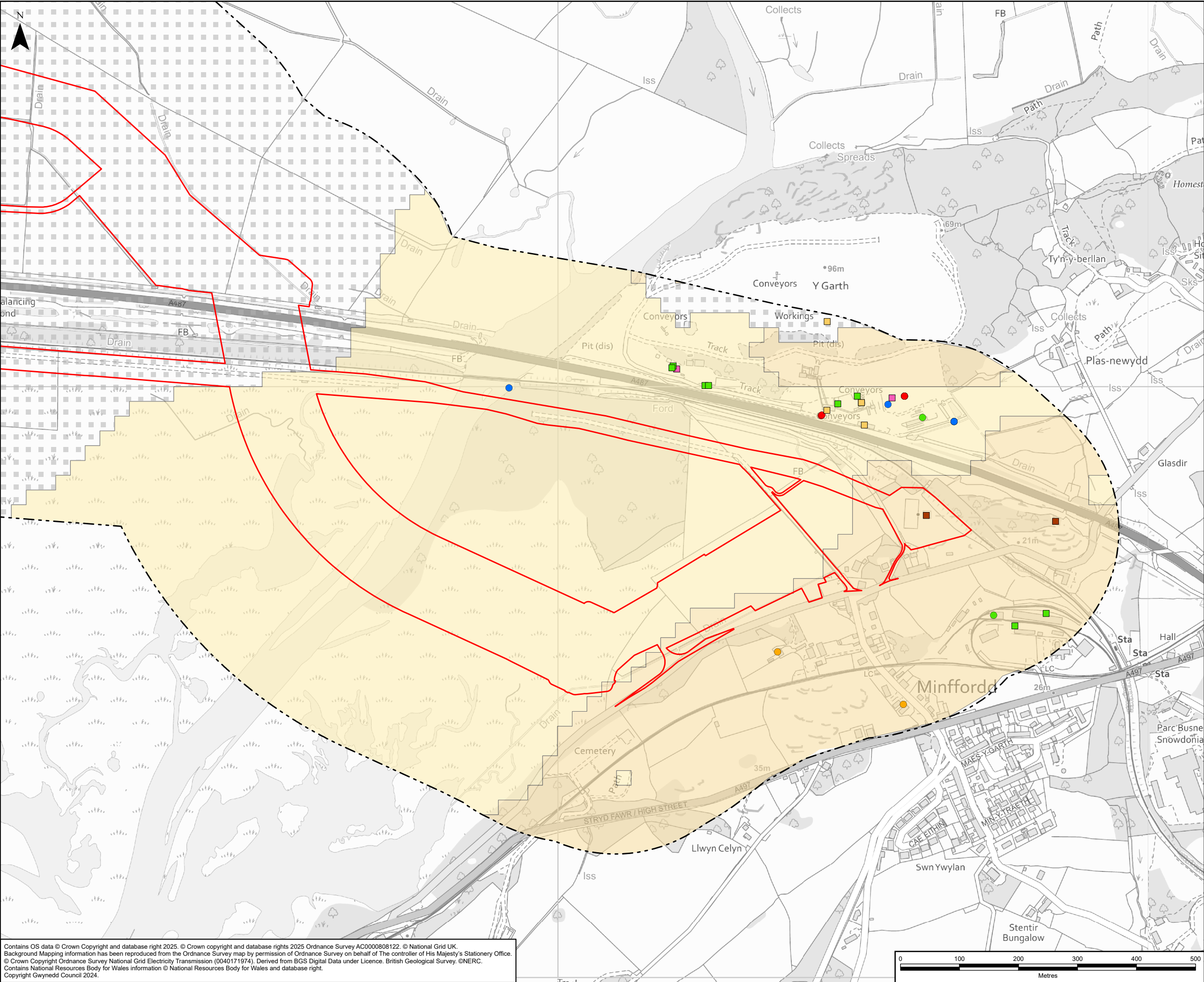
- Extractive Industries
- Health Support Services
- Household, Office, Leisure and Garden
- Industrial Features
- Industrial Products
- Infrastructure and Facilities
- Motoring
- Repair and Servicing
- Tourism
- Transport, Storage and Delivery

Radon

- Less than 1%
- Between 1% and 3%

NOTES					
1: All datasets shown in this figure were supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.					
A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.5 POTENTIAL SOURCES OF CONTAMINATION					
Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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Legend

Glaslyn Works Site Boundary

250m Buffer of Glaslyn Works Site Boundary - East

Licensed Discharge to Controlled Waters

Licensed Pollutant Release

Pollution Incident

Current Industrial Land Use

Extractive Industries

Farming

Industrial Features

Infrastructure and Facilities

Licensed Waste Site

Radon

Less than 1%

Between 1% and 3%

Between 3% and 5%

NOTES

1: All datasets shown in this figure were supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	18/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid

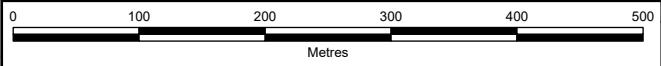
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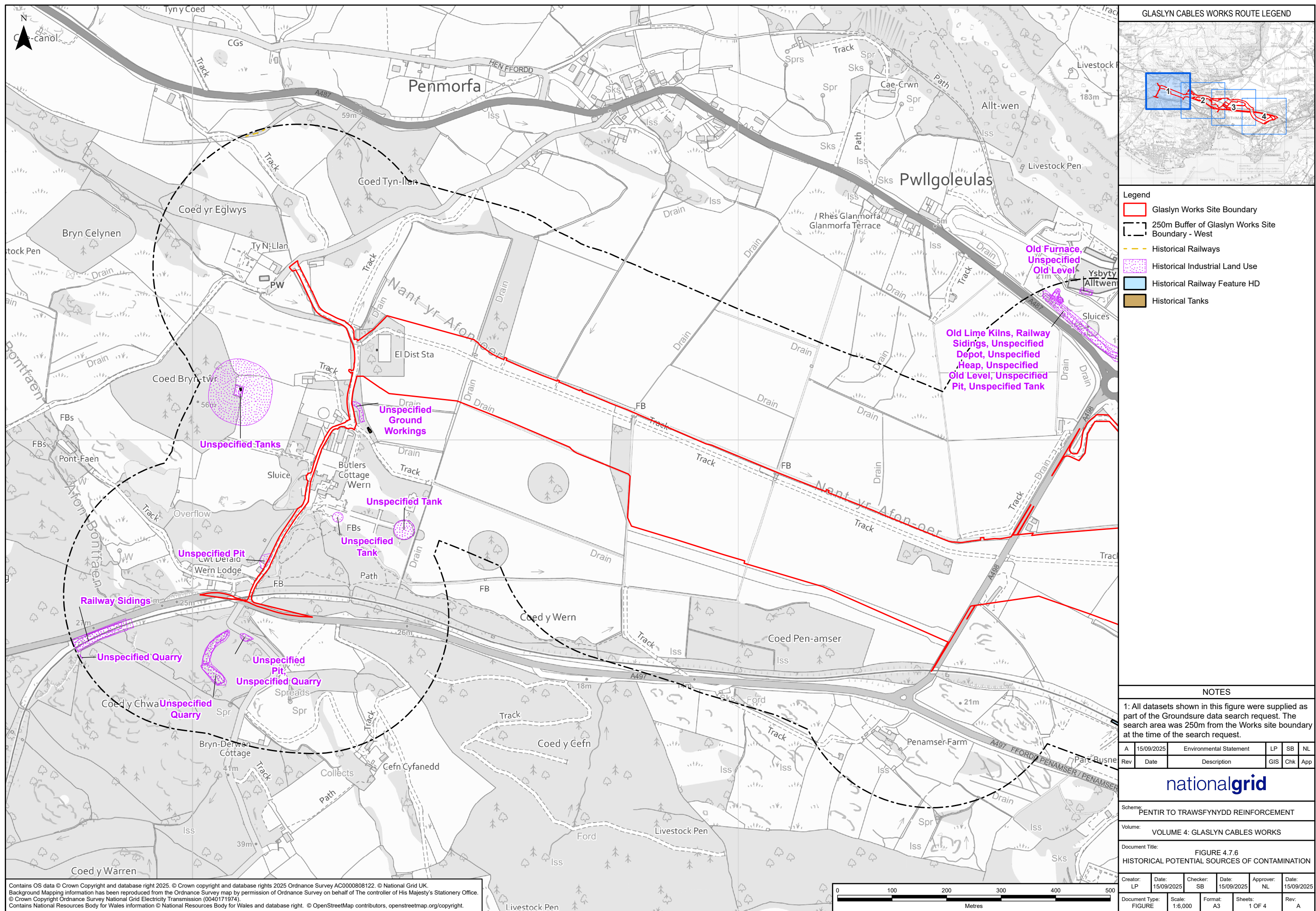
Volume:
VOLUME 4: GLASLYN CABLES WORKS

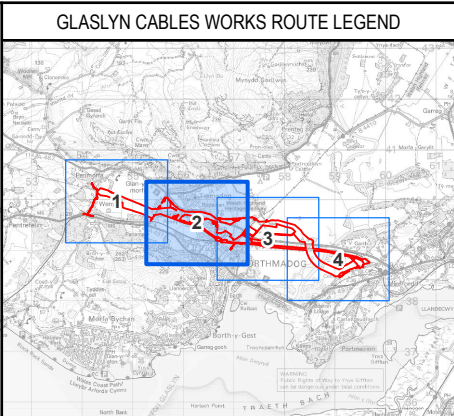
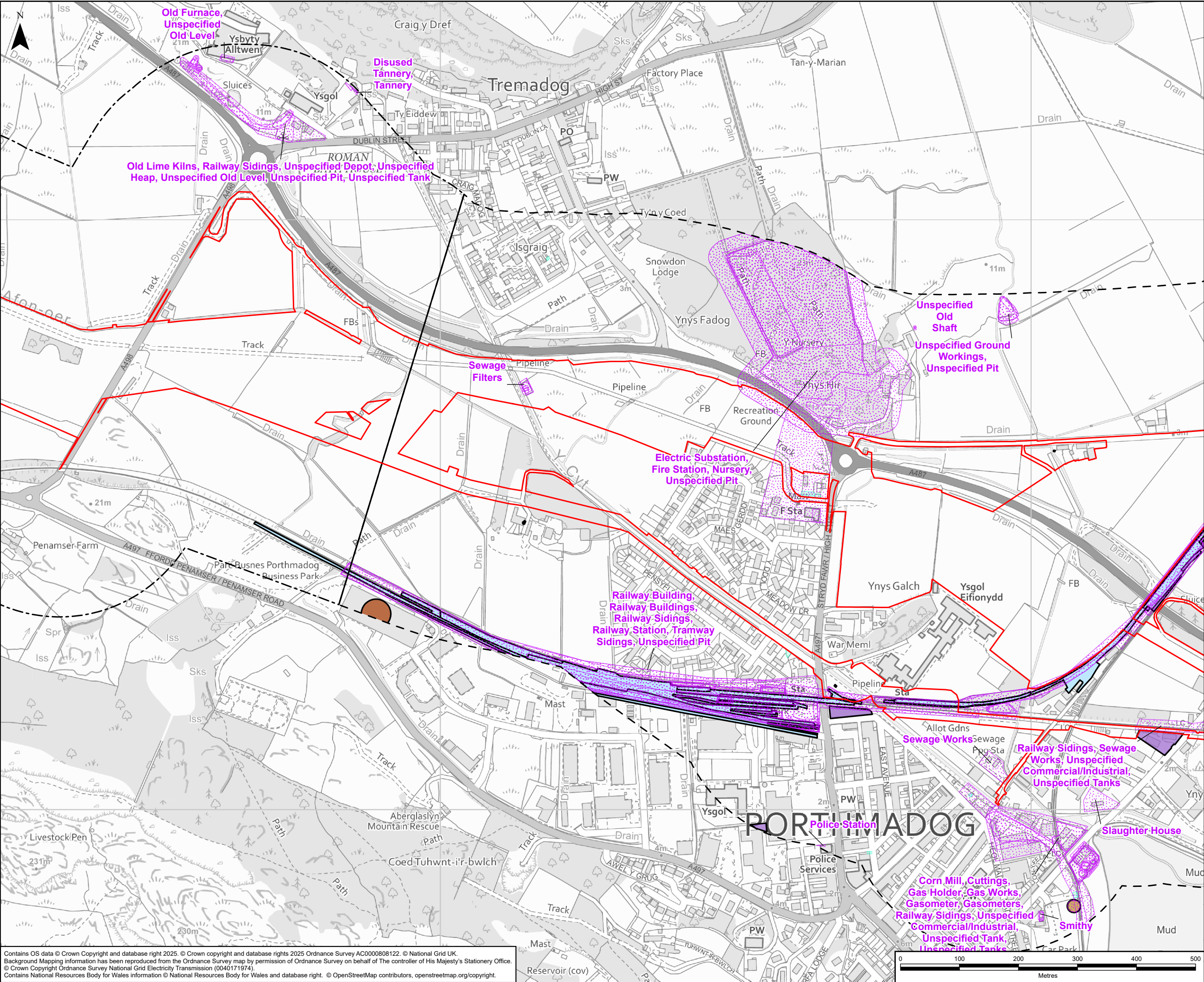
Document Title:
FIGURE 4.7.5
POTENTIAL SOURCES OF CONTAMINATION

Creator: LP	Date: 18/08/2025	Checker: SB	Date: 18/08/2025	Approver: NL	Date: 18/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 4 OF 4	Rev: A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - West
 - Historical Industrial Land Use
 - Historical Railway Feature HD
 - Historical Garages
 - Historical Tanks
 - Historical Waste Site
 - Historical Energy Feature

NOTES

1: All datasets shown in this figure were supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

Rev	Date	Description	GIS	Chk	App
A	15/09/2025	Environmental Statement	LP	SB	NL

nationalgrid

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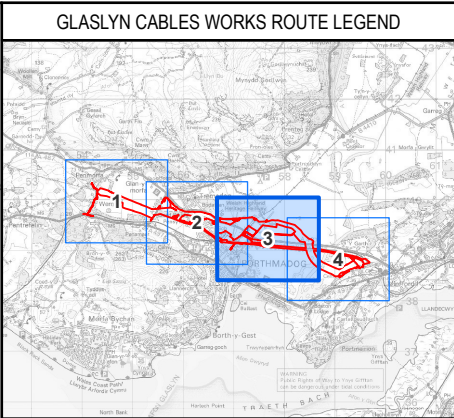
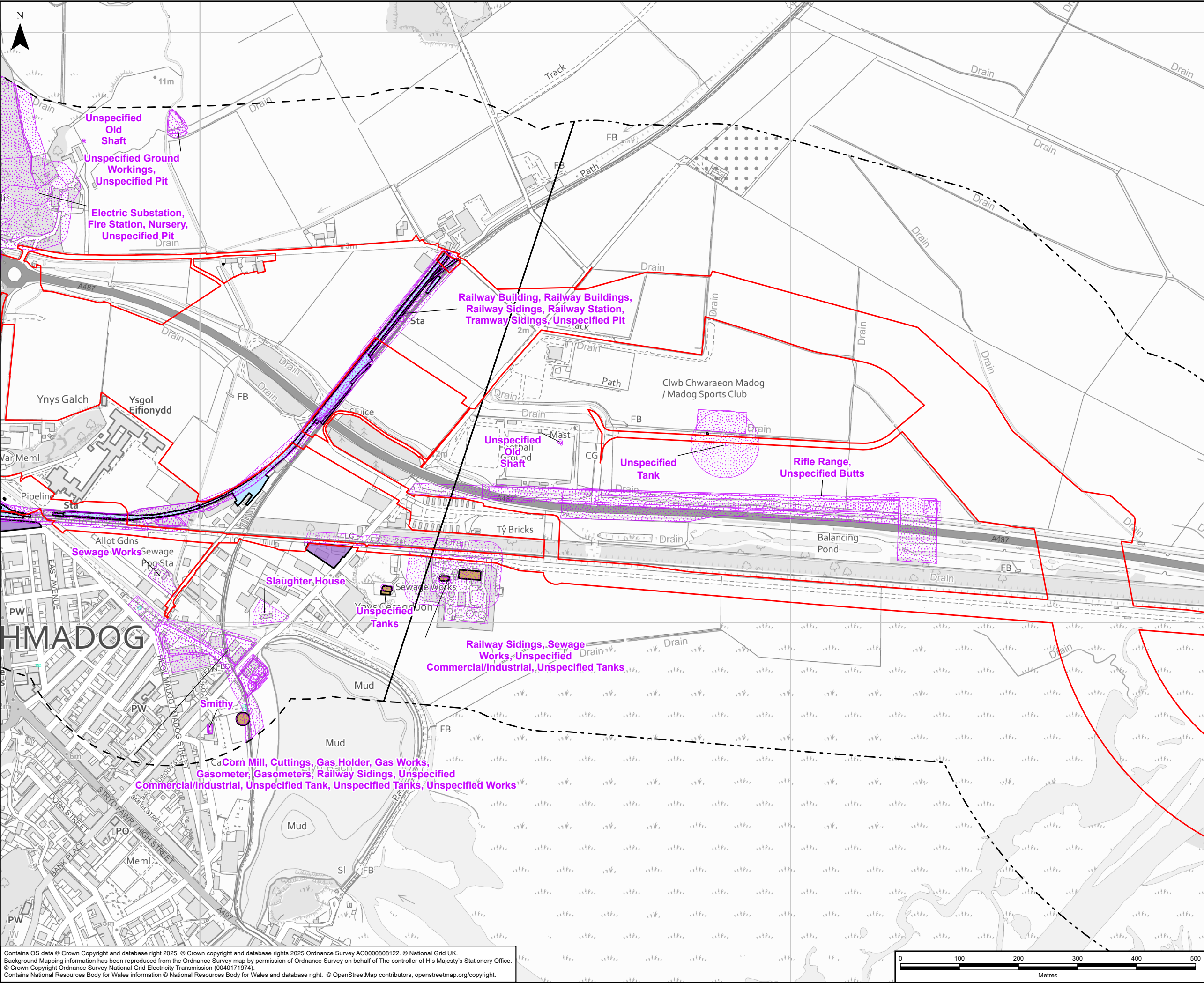
Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.6
HISTORICAL POTENTIAL SOURCES OF CONTAMINATION

Creator:	Date:	Checker:	Date:	Approver:	Date:
LP	15/09/2025	SB	15/09/2025	NL	15/09/2025
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:6,000	A3	2 OF 4	A	

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- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - East
 - Historical Landfill (Natural Resources Wales)
 - Historical Industrial Land Use
 - Historical Railway Feature HD
 - Historical Garages
 - Historical Tanks
 - Historical Energy Feature

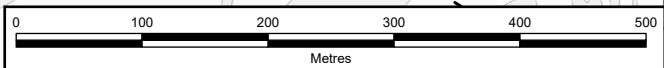
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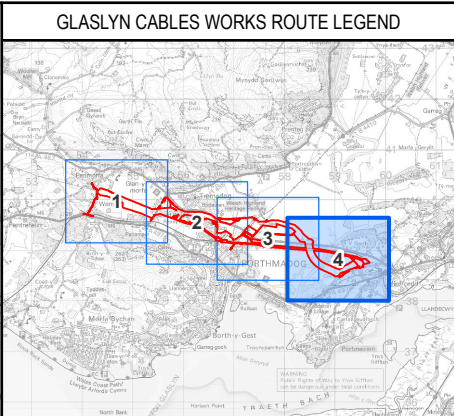
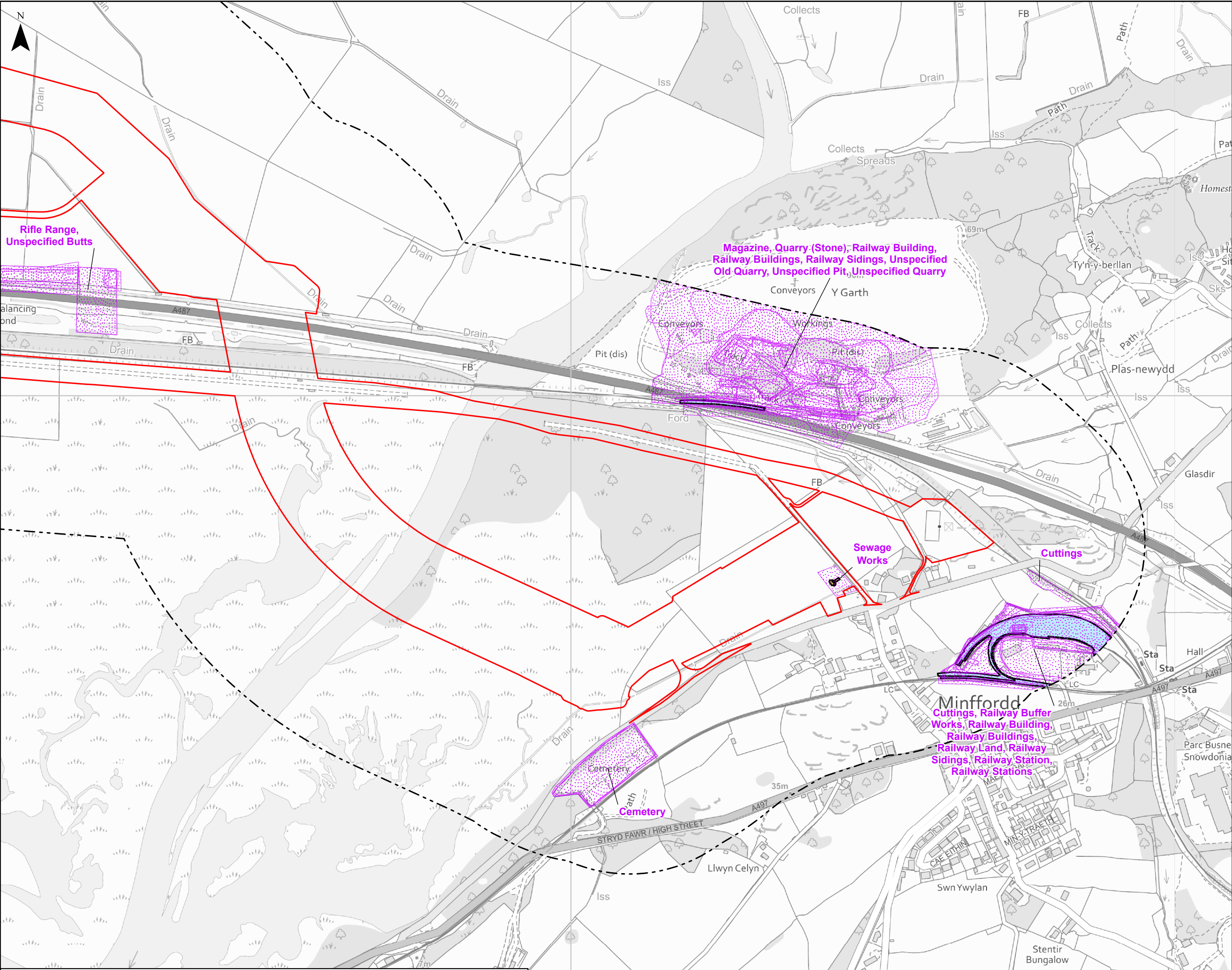
1: All datasets shown in this figure were supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	15/09/2025	Environmental Statement	LP	SB	NL
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Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.6 HISTORICAL POTENTIAL SOURCES OF CONTAMINATION					
Creator: LP	Date: 15/09/2025	Checker: SB	Date: 15/09/2025	Approver: NL	Date: 15/09/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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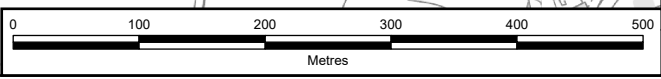
GLASLYN CABLES WORKS ROUTE LEGEND				
Legend				
	Glaslyn Works Site Boundary			
	250m Buffer of Glaslyn Works Site Boundary - East			
	Historical Industrial Land Use			
	Historical Railway Feature HD			
	Historical Tanks			

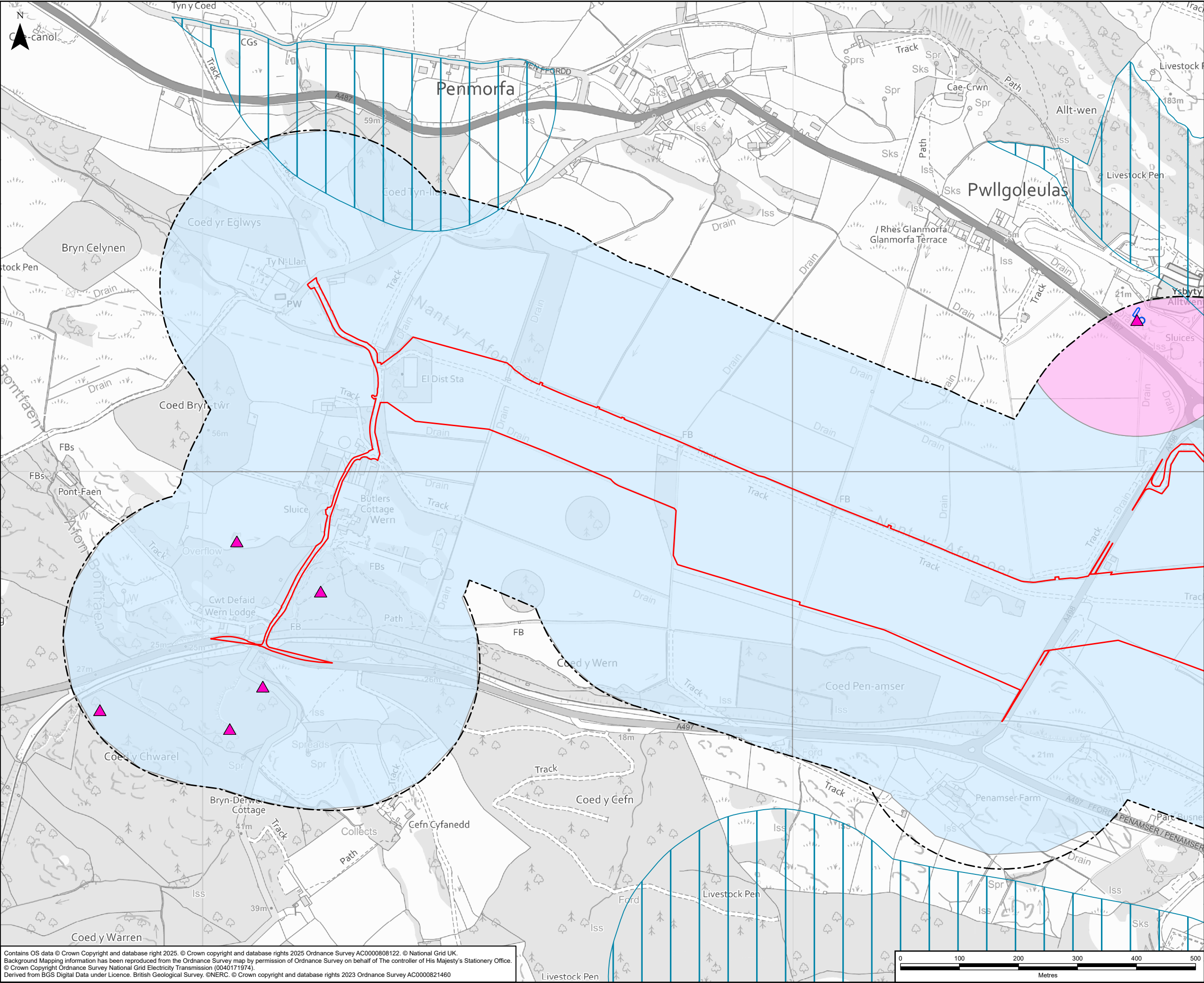
NOTES				
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Rev	Date	Description	GIS	Chk	App
A	15/09/2025	Environmental Statement	LP	SB	NL

Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.6 HISTORICAL POTENTIAL SOURCES OF CONTAMINATION					
Creator: LP	Date: 15/09/2025	Checker: SB	Date: 15/09/2025	Approver: NL	Date: 15/09/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 4 OF 4	Rev: A	

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - West
- British Pit¹
- Underground Workings²
- Non Coal Underground Mine Workings^{1, 2}
- Non Coal Underground Mining Considered Likely^{1, 3}
- Mineral Safeguarding
- Hard Rock

NOTES

1. British pit, historical mineral planning areas and non coal underground mine workings data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

2. Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered

3. Underground mining is considered likely to have occurred within or close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.

4. Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.

A	28/08/2025	Environmental Statement	LP	SB	NL
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nationalgrid

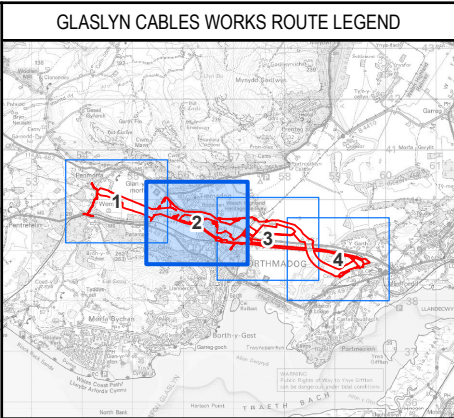
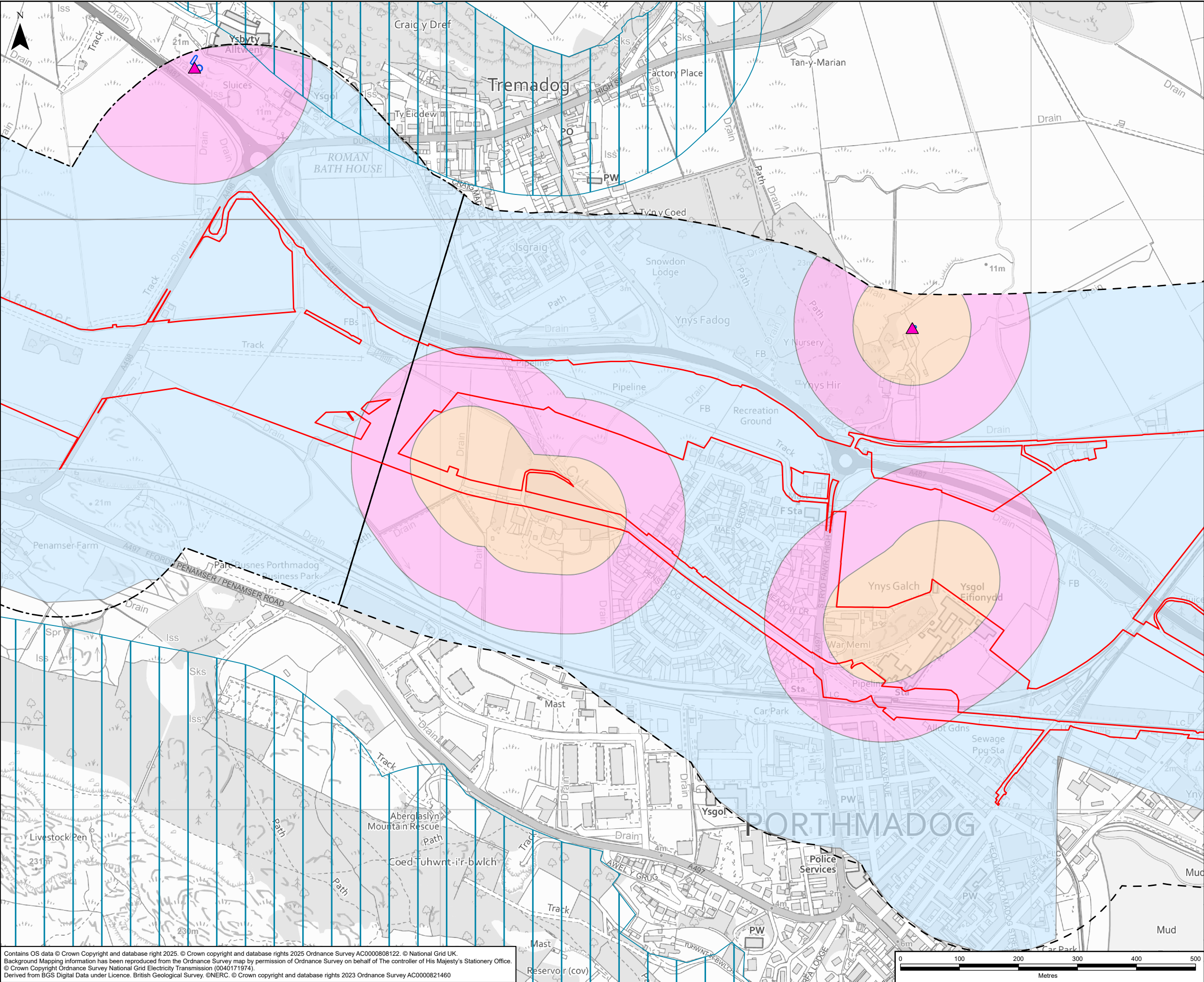
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.7 MINING, QUARRYING AND MINERAL RESOURCES

Creator: LP	Date: 28/08/2025	Checker: SB	Date: 28/08/2025	Approver: NL	Date: 28/08/2025
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Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - Central
- 250m Buffer of Glaslyn Works Site Boundary - West
- British Pit¹
- Underground Workings²
- Non Coal Underground Mine Workings^{1, 2}
- Non Coal Underground Mining Considered Likely^{1, 3}
- Non Coal Underground Mining Known or Considered Likely^{1, 4}
- Mineral Safeguarding
- Hard Rock

NOTES

1. British pit, historical mineral planning areas and non coal underground mine workings data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

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A	28/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid

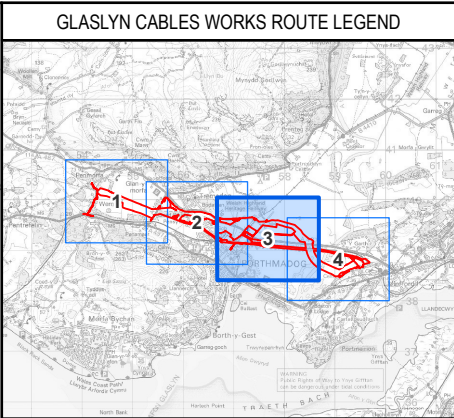
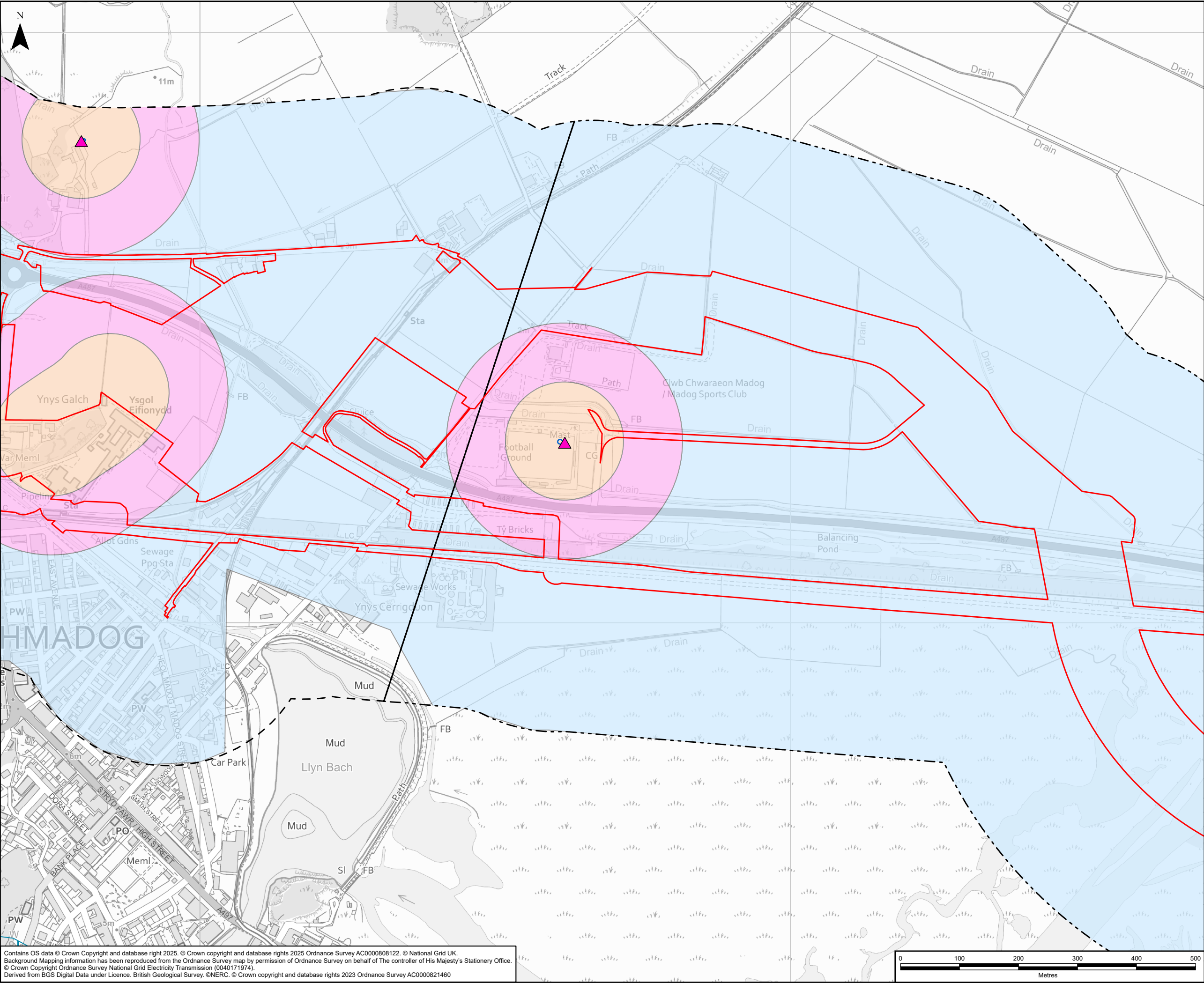
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.7 MINING, QUARRYING AND MINERAL RESOURCES

Creator: LP	Date: 28/08/2025	Checker: SB	Date: 28/08/2025	Approver: NL	Date: 28/08/2025
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Legend

- Glaslyn Works Site Boundary
- 250m Buffer of Glaslyn Works Site Boundary - Central
- 250m Buffer of Glaslyn Works Site Boundary - East
- ▲ British Pit¹
- Underground Workings²
- Non Coal Underground Mine Workings^{1, 2}
- Non Coal Underground Mining Considered Likely^{1, 3}
- Non Coal Underground Mining Known or Considered Likely^{1, 4}

Mineral Safeguarding

- Hard Rock

NOTES

1. British pit, historical mineral planning areas and non coal underground mine workings data supplied as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

2. Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered

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4. Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.

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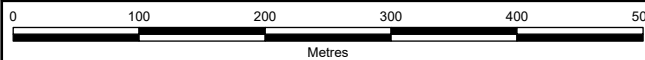
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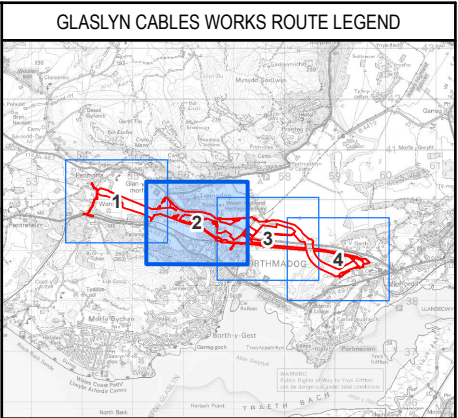
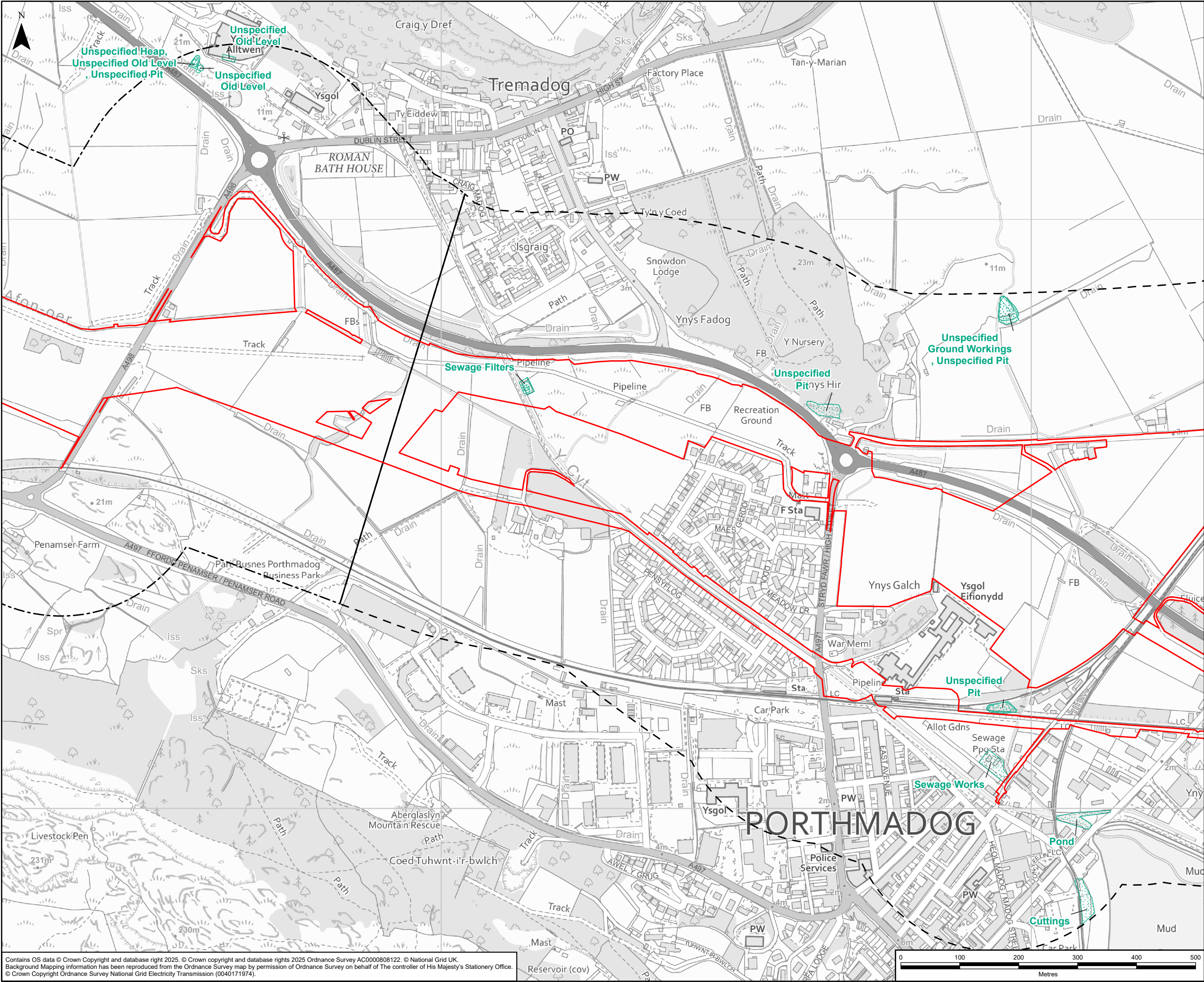
Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.7 MINING, QUARRYING AND MINERAL RESOURCES

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GLASLYN CABLES WORKS ROUTE LEGEND				
	Glaslyn Works Site Boundary			
	250m Buffer of Glaslyn Works Site Boundary - Central			
	250m Buffer of Glaslyn Works Site Boundary - West			
	Surface Ground Workings¹			

NOTES

1. Surface ground workings and underground workings data was supplied by Groundsure as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

Rev	Date	Description	GIS	Chk	App
A	28/08/2025	Environmental Statement	LP	SB	NL

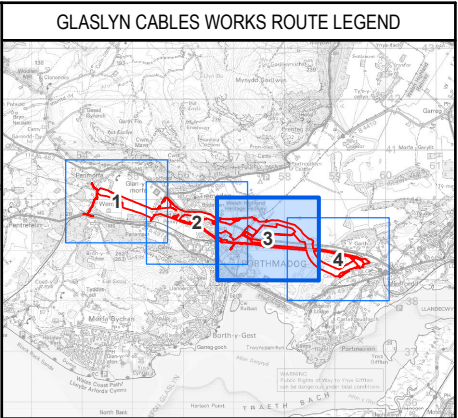
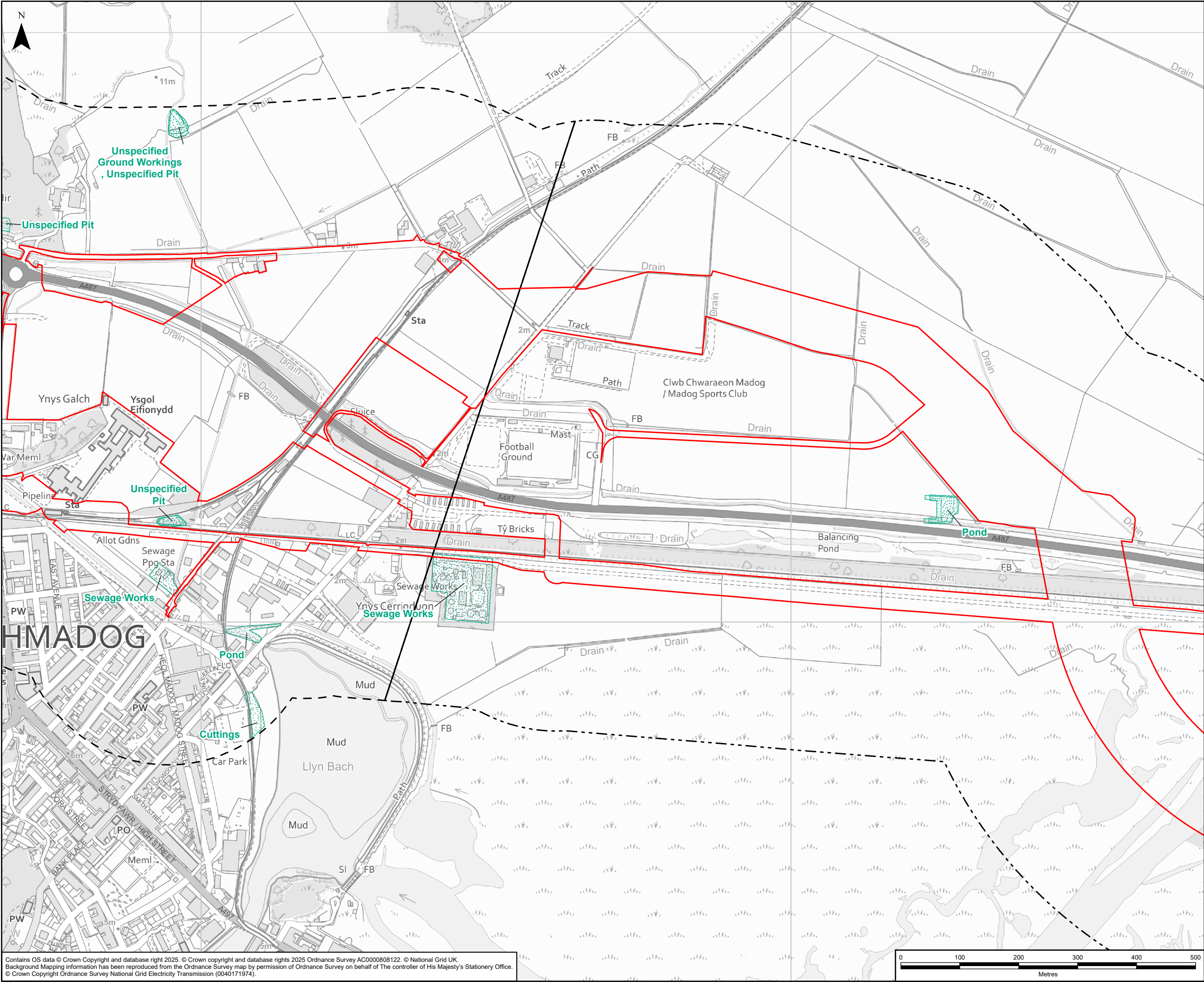
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Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT

Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.7.8
SURFACE GROUND WORKINGS

Creator: LP	Date: 28/08/2025	Checker: SB	Date: 28/08/2025	Approver: NL	Date: 28/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 2 OF 4	Rev: A	



- Legend**
- Glaslyn Works Site Boundary
 - 250m Buffer of Glaslyn Works Site Boundary - Central
 - 250m Buffer of Glaslyn Works Site Boundary - East
 - Surface Ground Workings¹

NOTES

1. Surface ground workings and underground workings data was supplied by Groundsure as part of the Groundsure data search request. The search area was 250m from the Works site boundary at the time of the search request.

A	28/08/2025	Environmental Statement	LP	SB	NL
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT					
Volume: VOLUME 4: GLASLYN CABLES WORKS					
Document Title: FIGURE 4.7.8 SURFACE GROUND WORKINGS					
Creator: LP	Date: 28/08/2025	Checker: SB	Date: 28/08/2025	Approver: NL	Date: 28/08/2025
Document Type: FIGURE	Scale: 1:6,000	Format: A3	Sheets: 3 OF 4	Rev: A	

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