

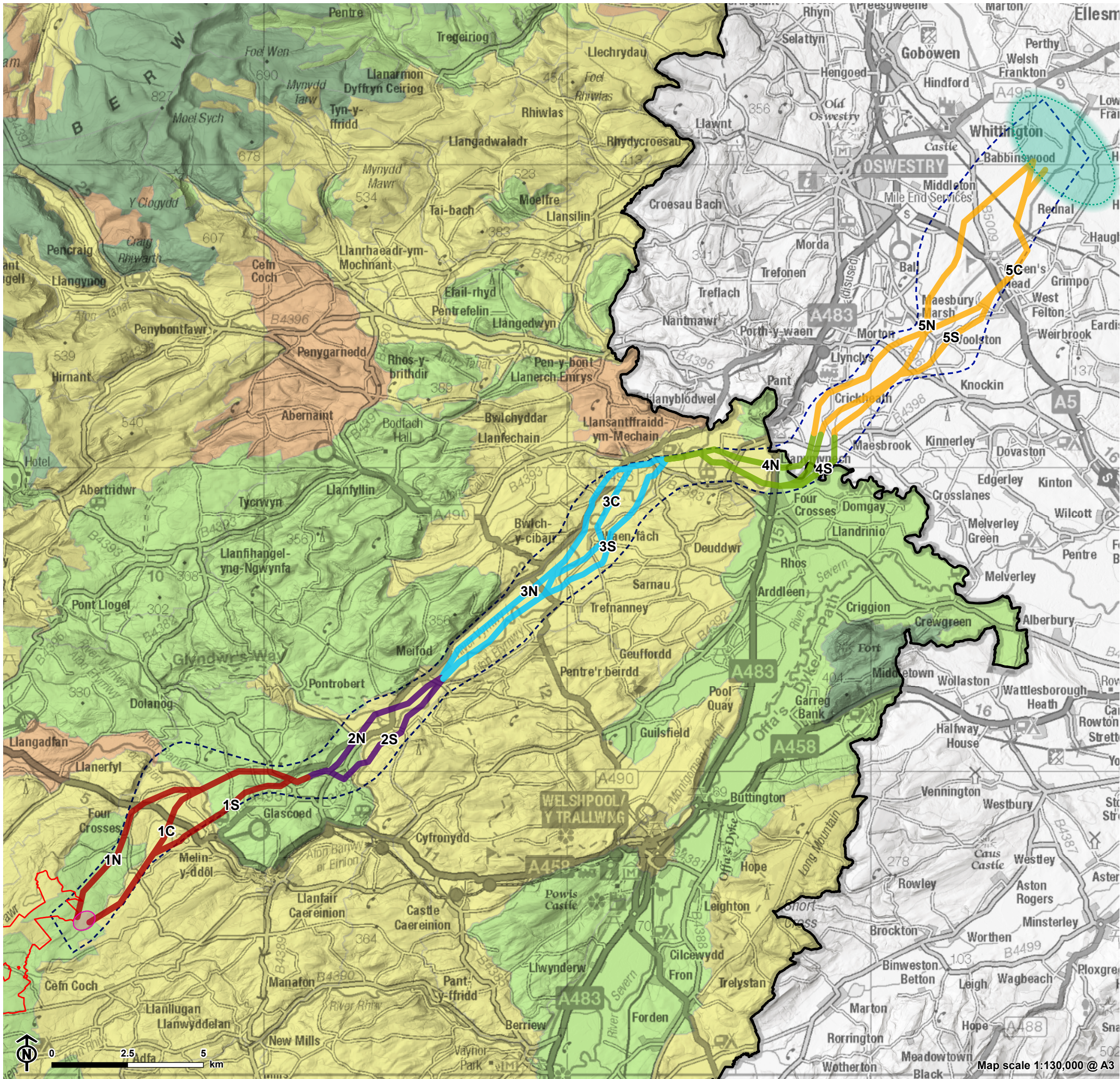


Figure 6-2-5 LANDMAP Landscape Habitats

- Llyn Lort Energy Park
  - Preferred Corridor
  - Search area for National Grid Substation
  - Proposed Collector Substation and Cable Sealing End Compound Search Area
  - Wales - England Border
- Route Options**
- Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- LANDMAP**
- Outstanding
  - High
  - Moderate
  - Low



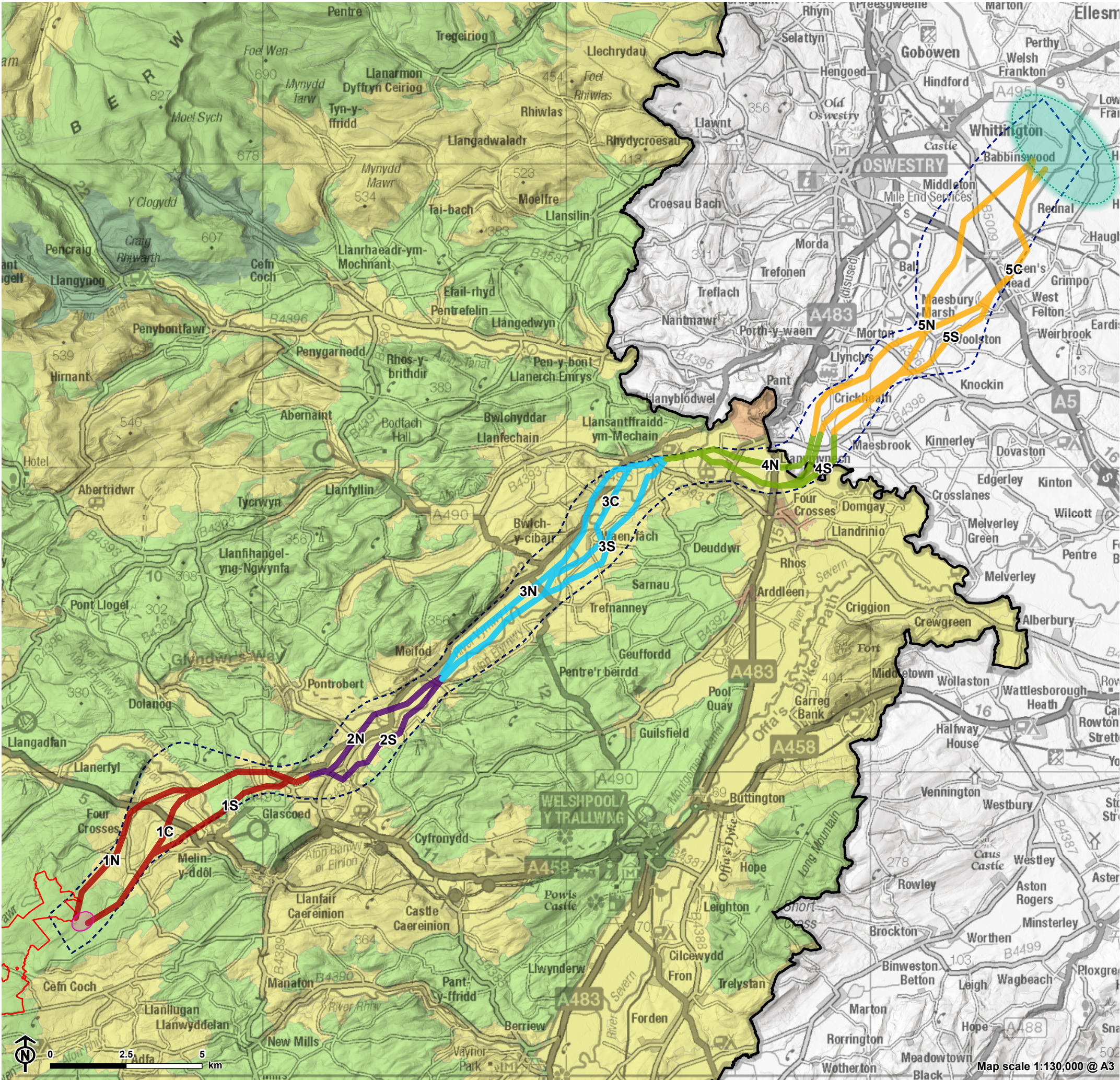
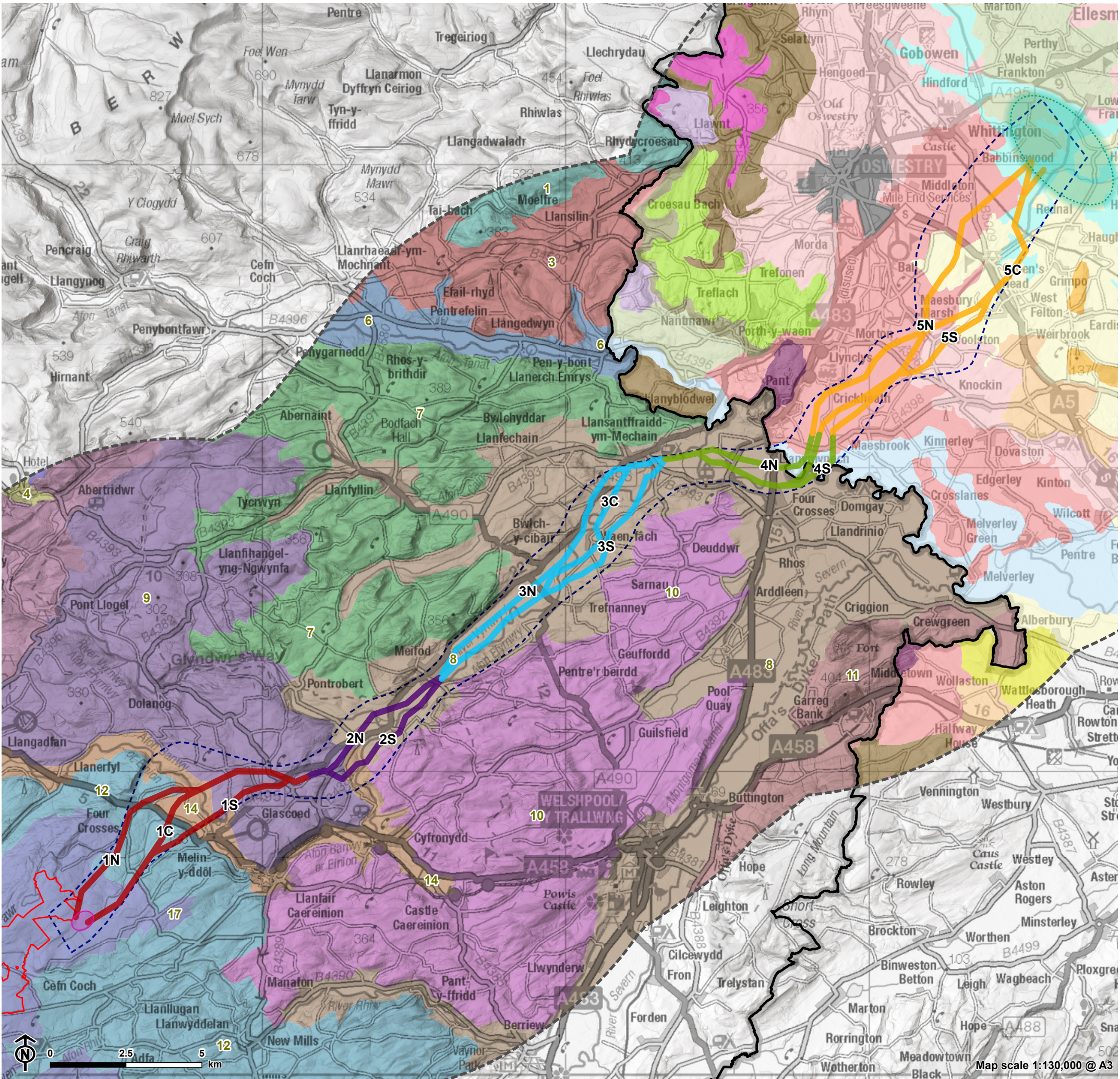


Figure 6-2-6 LANDMAP Visual Sensory

- Llyn Lort Energy Park
  - Preferred Corridor
  - Search area for National Grid Substation
  - Proposed Collector Substation and Cable Sealing End Compound Search Area
  - Wales - England Border
- Route Options**
- Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- LANDMAP**
- Outstanding
  - High
  - Moderate
  - Low



Figure 6-3-1 Landscape Character Areas





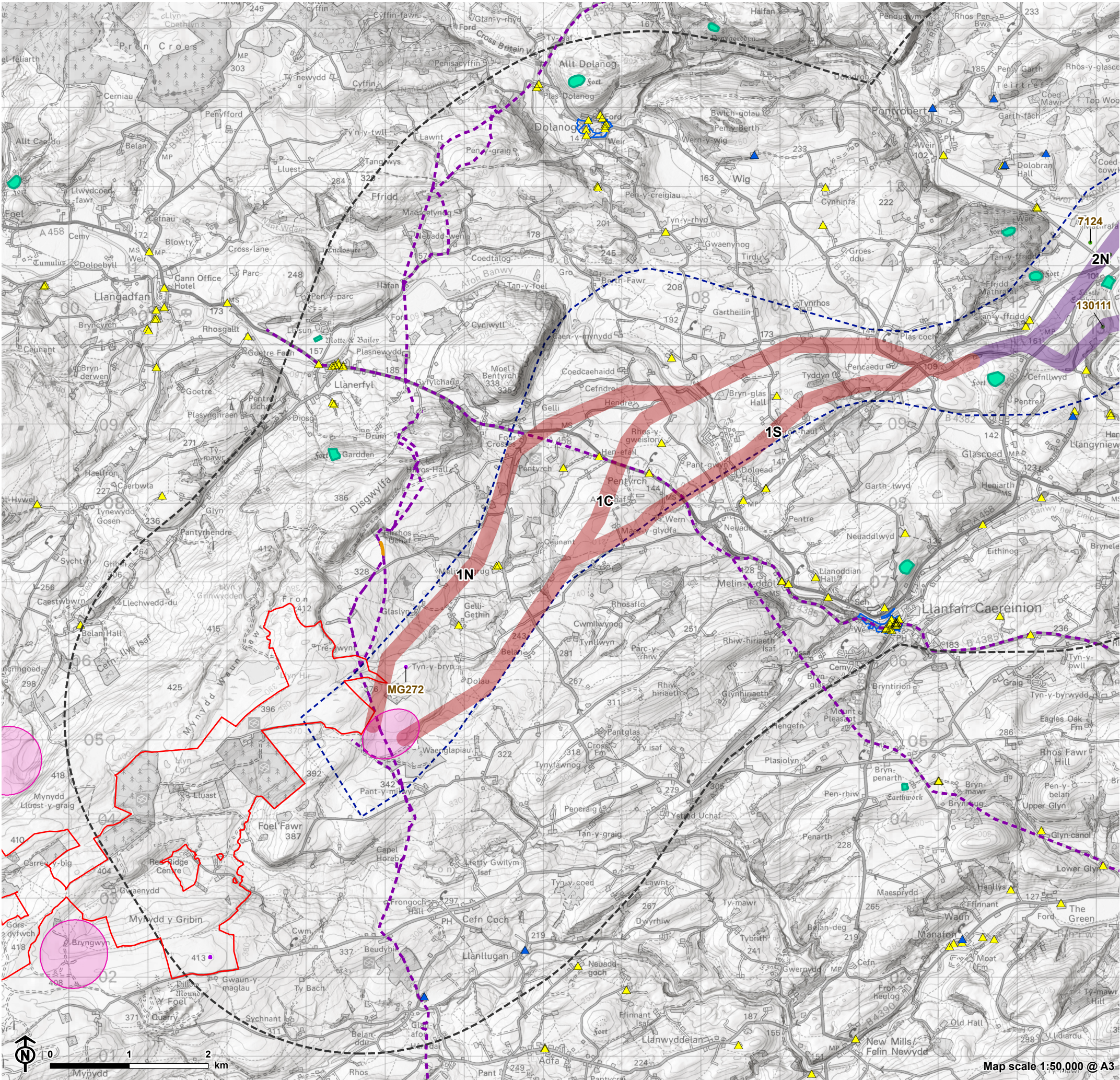


Figure 6-4 Cultural Heritage Considerations - Section 1

Llyn Lort Energy Park

Proposed Collector Substation and Cable Sealing End Compound Search Area

Preferred Corridor

Route Options

Section 1: Cefn Coch to Llangyniew

Section 2: Llangyniew to Meifod

3km from Preferred Corridor

Cultural Heritage Designations

Scheduled Monument: Defence

Scheduled Monument: Religious, Ritual and Funerary

Scheduled Monument: Other class

Grade I

Grade II\*

Grade II

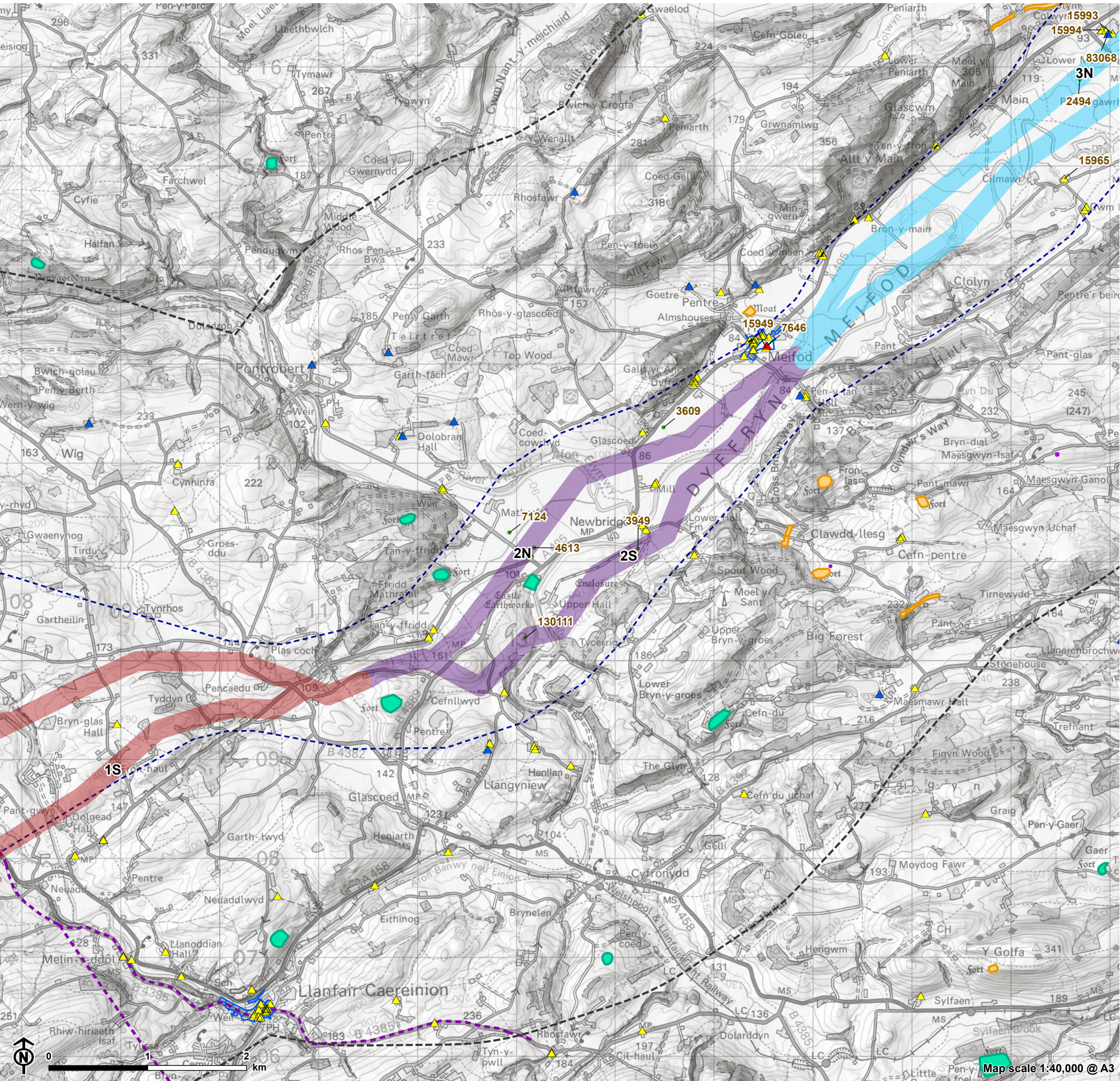
Conservation Area

Historic Environment Record (HER) Entries

Powys HER Core Point Data



Figure 6-4 Cultural Heritage Considerations - Section 2



Preferred Corridor

Route Options

Section 1: Cefn Coch to Llangyniew

Section 2: Llangyniew to Meifod

Section 3: Meifod to Llansantffraid-ym-Mechain

3km from Preferred Corridor

Cultural Heritage Designations

Scheduled Monument: Defence

Scheduled Monument: Religious, Ritual and Funerary

Scheduled Monument: Other class

Grade I

Grade II\*

Grade II

Conservation Area

Historic Environment Record (HER) Entries

Powys HER Core Point Data



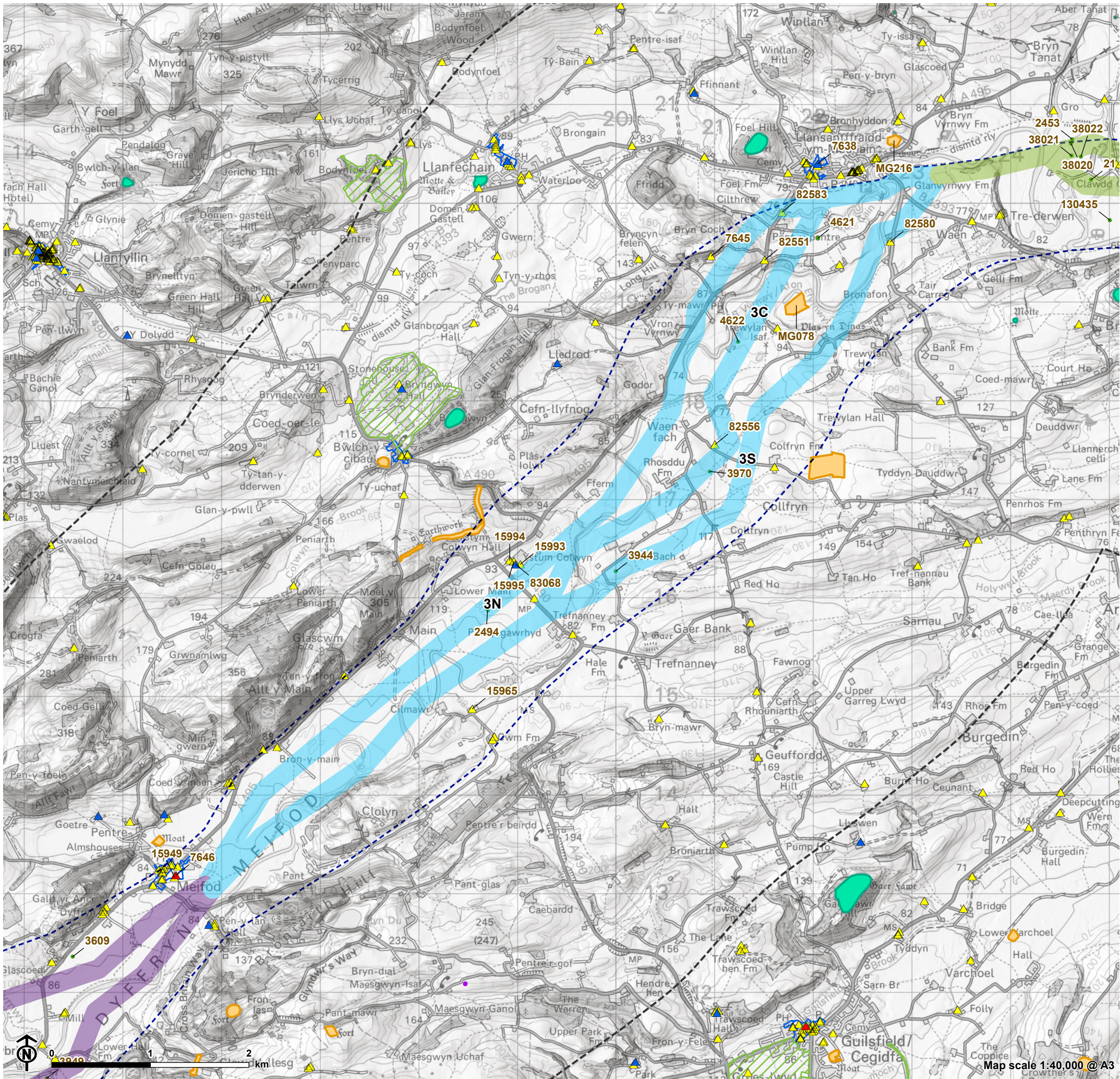


Figure 6-4 Cultural Heritage Considerations - Section 3

- Preferred Corridor
- Route Options
  - Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
- 3km from Preferred Corridor
- Cultural Heritage Designations
  - Scheduled Monument: Defence
  - Scheduled Monument: Religious, Ritual and Funerary
  - Scheduled Monument: Other class
- Grade I
- Grade II\*
- Grade II
- Conservation Area
- Registered Historic Parks and Gardens (RHPG)
- Historic Environment Record (HER) Entries
  - Powys HER Core Point Data
  - Shropshire HER Core Point Data



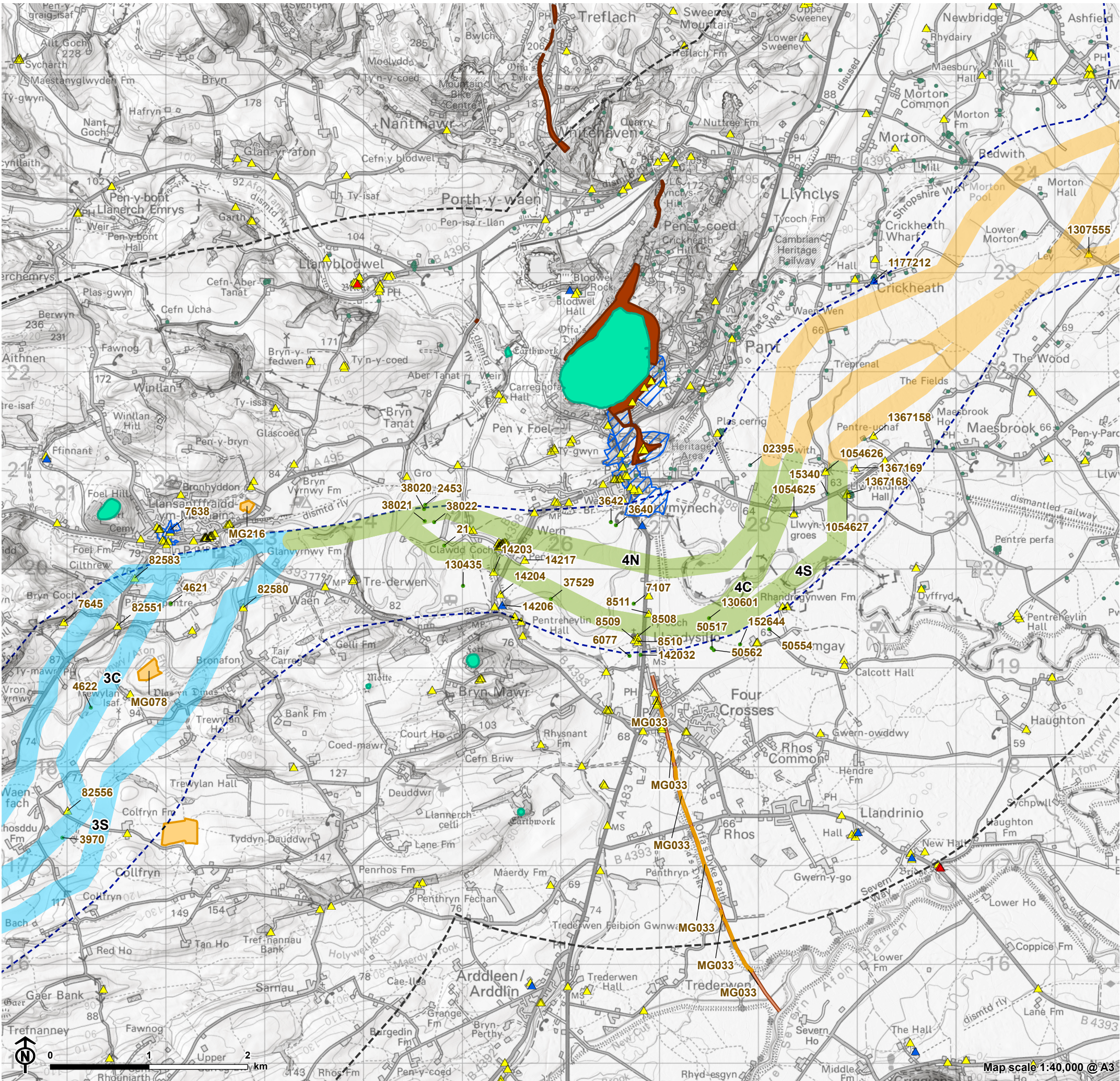
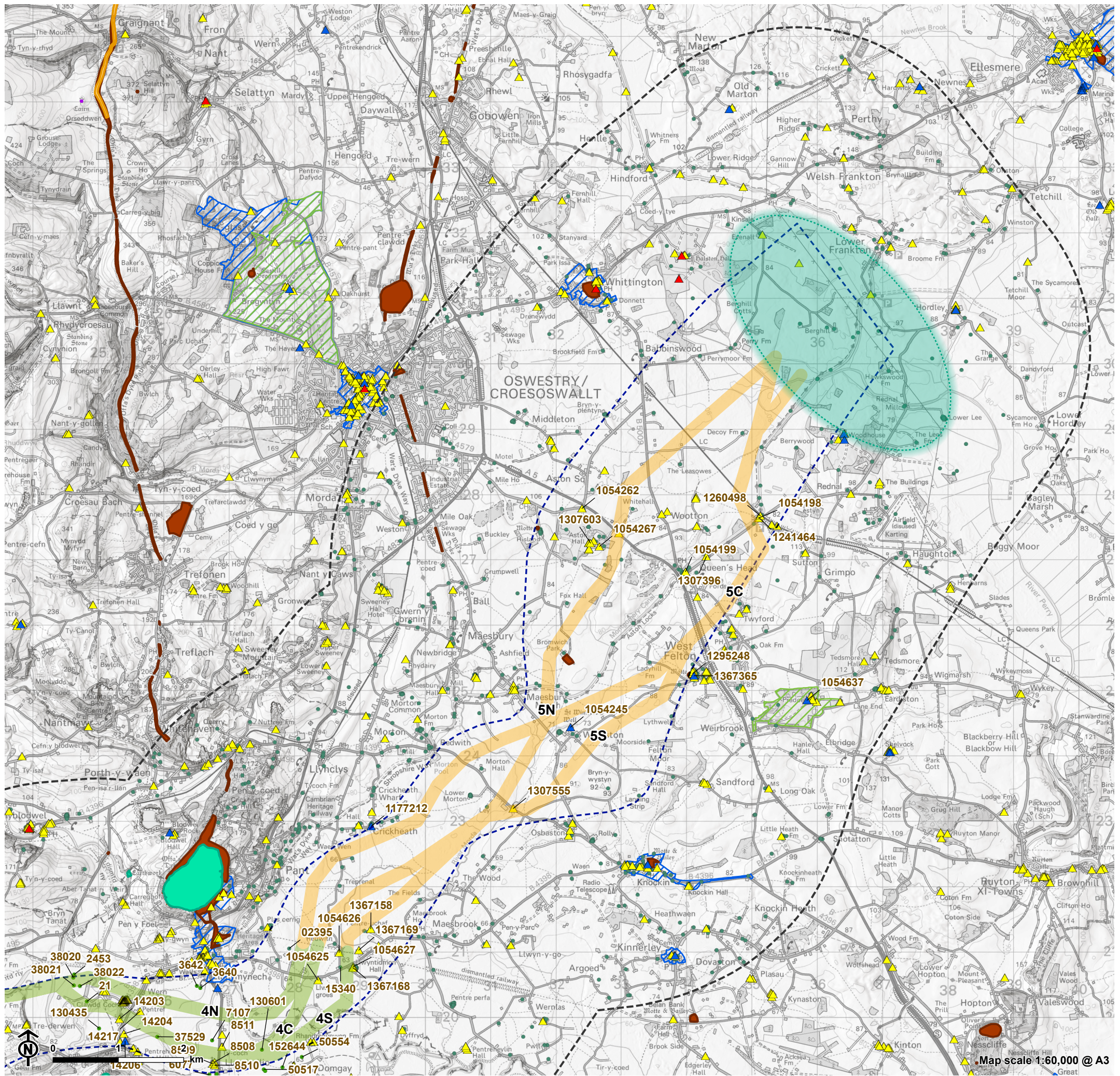


Figure 6-4 Cultural Heritage Considerations - Section 4

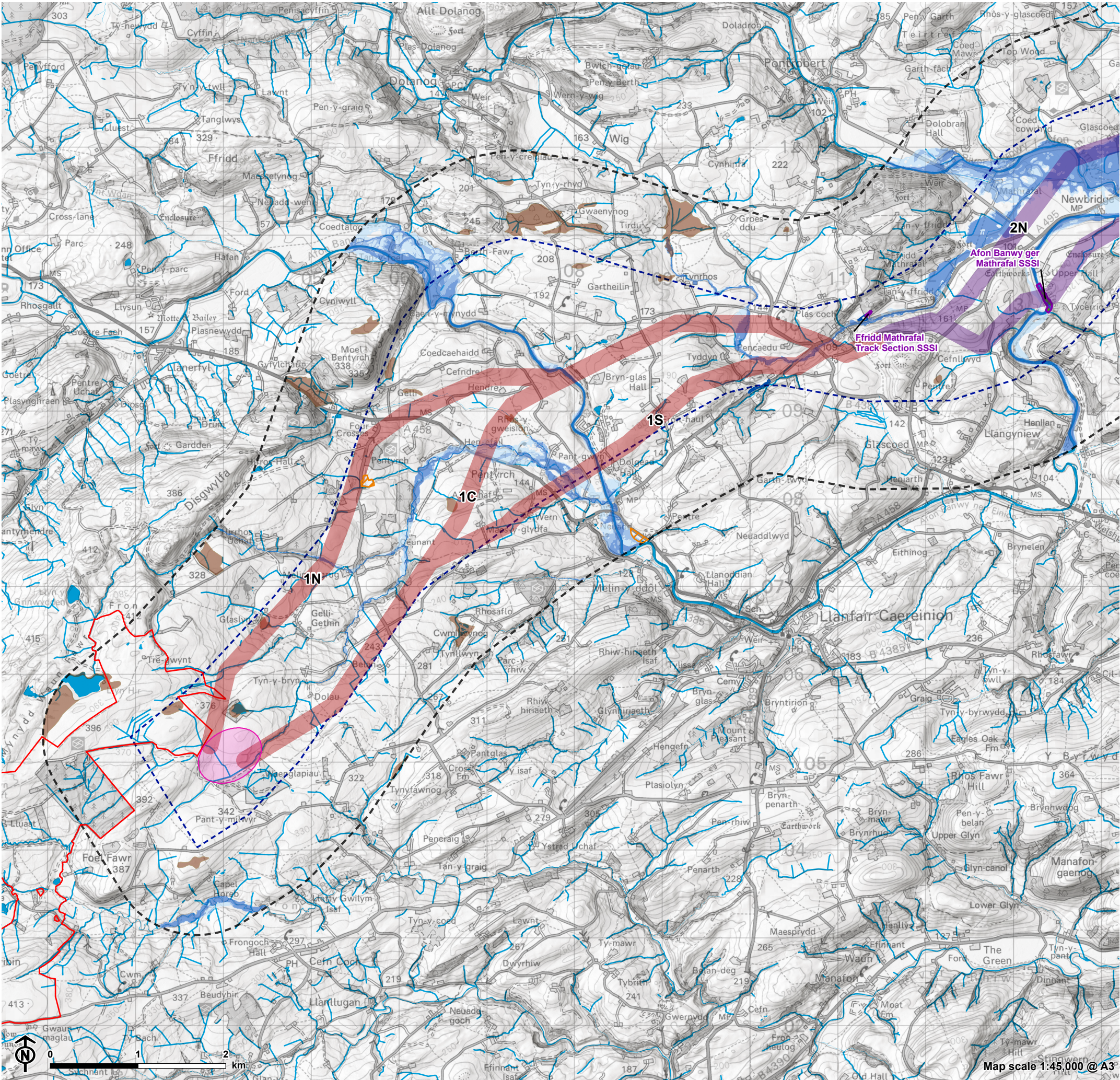
- Preferred Corridor
- Route Options
  - Section 3: Meifod to Llanantffraid-ym-Mechain
  - Section 4: Llanantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- 3km from Preferred Corridor
- Cultural Heritage Designations
  - Scheduled Monument: Defence
  - Scheduled Monument: Other class
  - Scheduled Monument
  - Grade I
  - Grade II\*
  - Grade II
  - Conservation Area
- Historic Environment Record (HER) Entries
  - Powys HER Core Point Data
  - Powys HER Offas Dyke
  - Shropshire HER Core Point Data



Figure 6-4 Cultural Heritage Considerations - Section 5







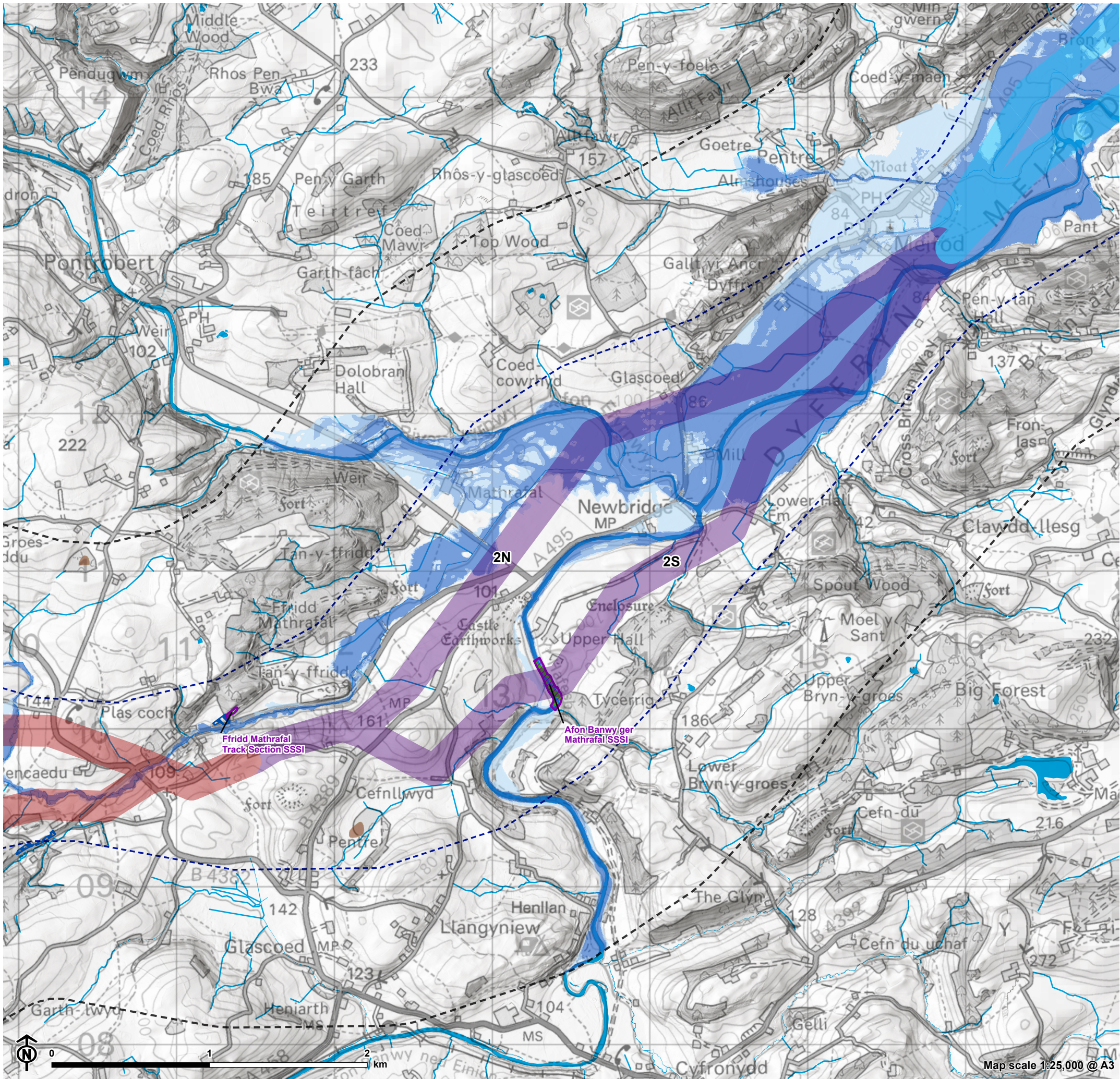
**Figure 6-5: Hydrology, Geology and Hydrogeology Considerations - Section 1**

- Llyn Lort Energy Park
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Preferred Corridor
- Route Options**
  - Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - 1km from Preferred Corridor
- Hydrology**
  - OS Watercourses/Waterbodies
- NRW Flood Risk from Rivers**
  - High
  - Medium
  - Low
- Geology and Peat**
  - Geodiversity Site of Special Scientific Interest (SSSI)
  - Geological Conservation Review (GCR) Site
  - Powys Regionally Important Geological and Geomorphological Site (RIGS)
  - Peat (Unified Peat Map of Wales)
- Landfill**
  - Historic Landfill Site (NRW)

**Note**

Mass movement (landslides) data is not shown on the figure due to size, scale and available symbology





**Figure 6-5: Hydrology, Geology and Hydrogeology  
Considerations - Section 2**

- Preferred Corridor
- Route Options**
- Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - 1km from Preferred Corridor
- Hydrology**
- OS Watercourses/Waterbodies
- NRW Flood Risk from Rivers**
- High
  - Medium
  - Low
- Geology and Peat**
- Geodiversity Site of Special Scientific Interest (SSSI)
  - Geological Conservation Review (GCR) Site
  - Powys Regionally Important Geological and Geomorphological Site (RIGS)
  - Peat (Unified Peat Map of Wales)

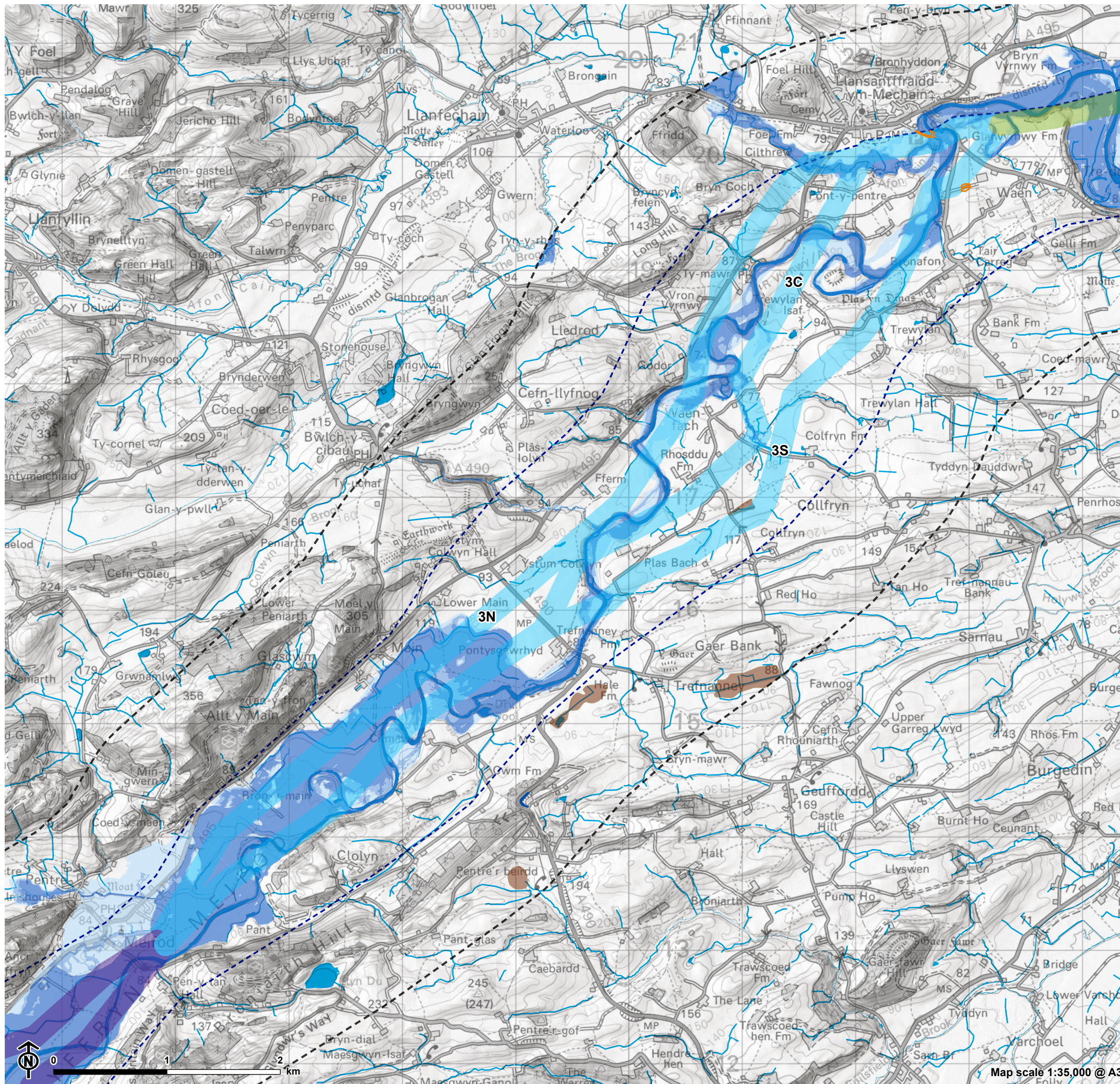
**Note**

Mass movement (landslides) data is not shown on the figure due to size, scale and available symbology



-  Preferred Corridor
- Route Options**
  -  Section 2: Llangyniew to Meifod
  -  Section 3: Meifod to Llansantffraid-ym-Mechain
  -  Section 4: Llansantffraid-ym-Mechain to Llanymynech
  -  1km from Preferred Corridor
- Hydrology**
  -  OS Watercourses/Waterbodies
- NRW Flood Risk from Rivers**
  -  High
  -  Medium
  -  Low
- Geology and Peat**
  -  Powys Regionally Important Geological and Geomorphological Site (RIGS)
  -  Peat (Unified Peat Map of Wales)
- Landfill**
  -  Historic Landfill Site (NRW)

Mass movement (landslides) data is not shown on the figure due to size, scale and available symbology





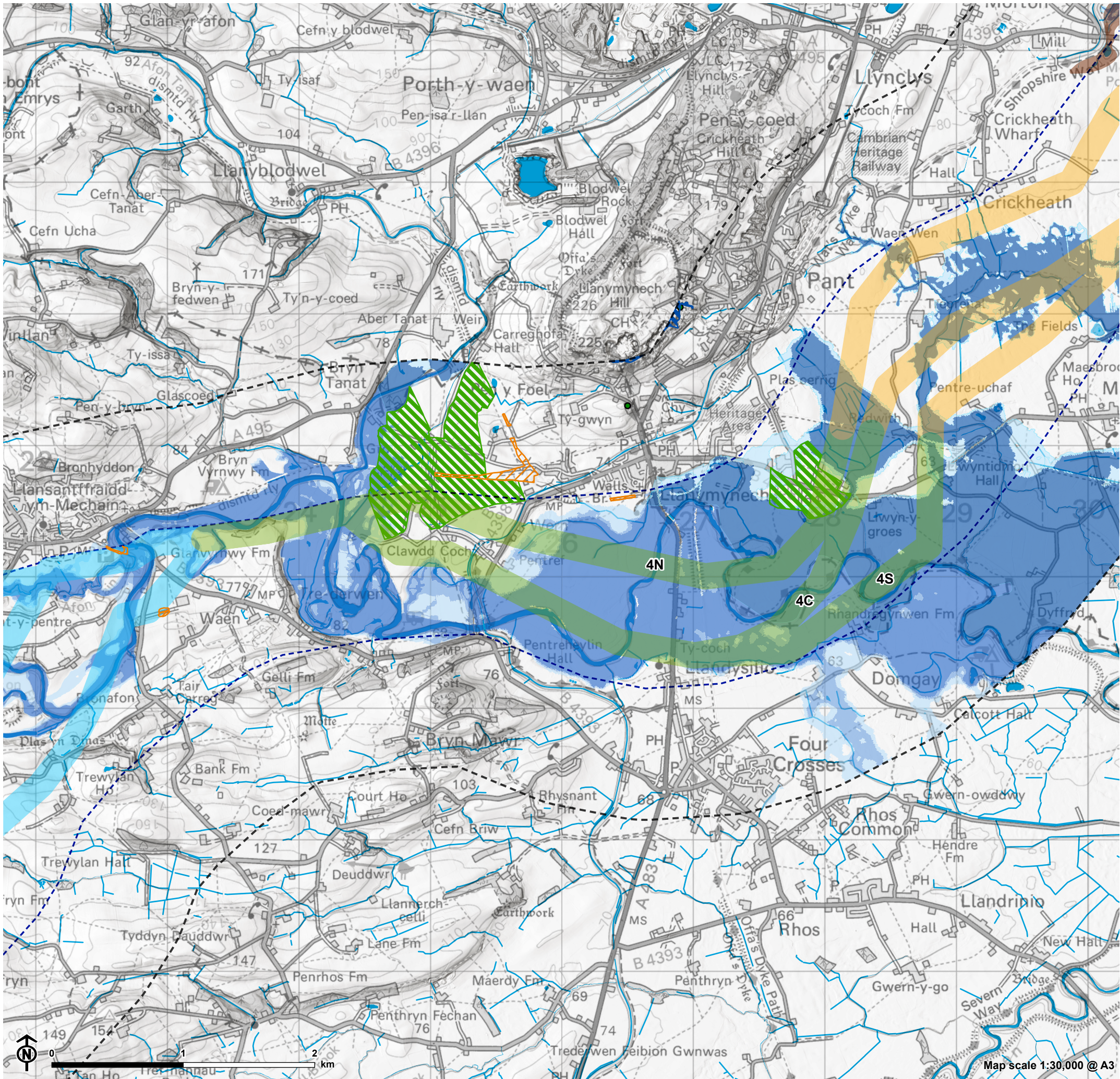


Figure 6-5: Hydrology, Geology and Hydrogeology  
Considerations - Section 4

- Preferred Corridor**
- Route Options**
- Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- 1km from Preferred Corridor**
- Hydrology**
- OS Watercourses/Waterbodies
- NRW Flood Risk from Rivers**
- High
  - Medium
  - Low
- EA Flood Zones**
- Flood Zone 3
  - Flood Zone 2
- Geology and Peat**
- Geological Conservation Review (GCR) Site
  - Powys Regionally Important Geological and Geomorphological Site (RIGS)
  - BGS Peaty Soils
  - Shropshire Regionally Important Geological and Geomorphological Site (RIGS)
- Landfill**
- Historic Landfill Site (NRW)
  - Historic Landfill Site (EA)

**Note**

Mass movement (landslides) data is not shown on the figure due to size, scale and available symbology



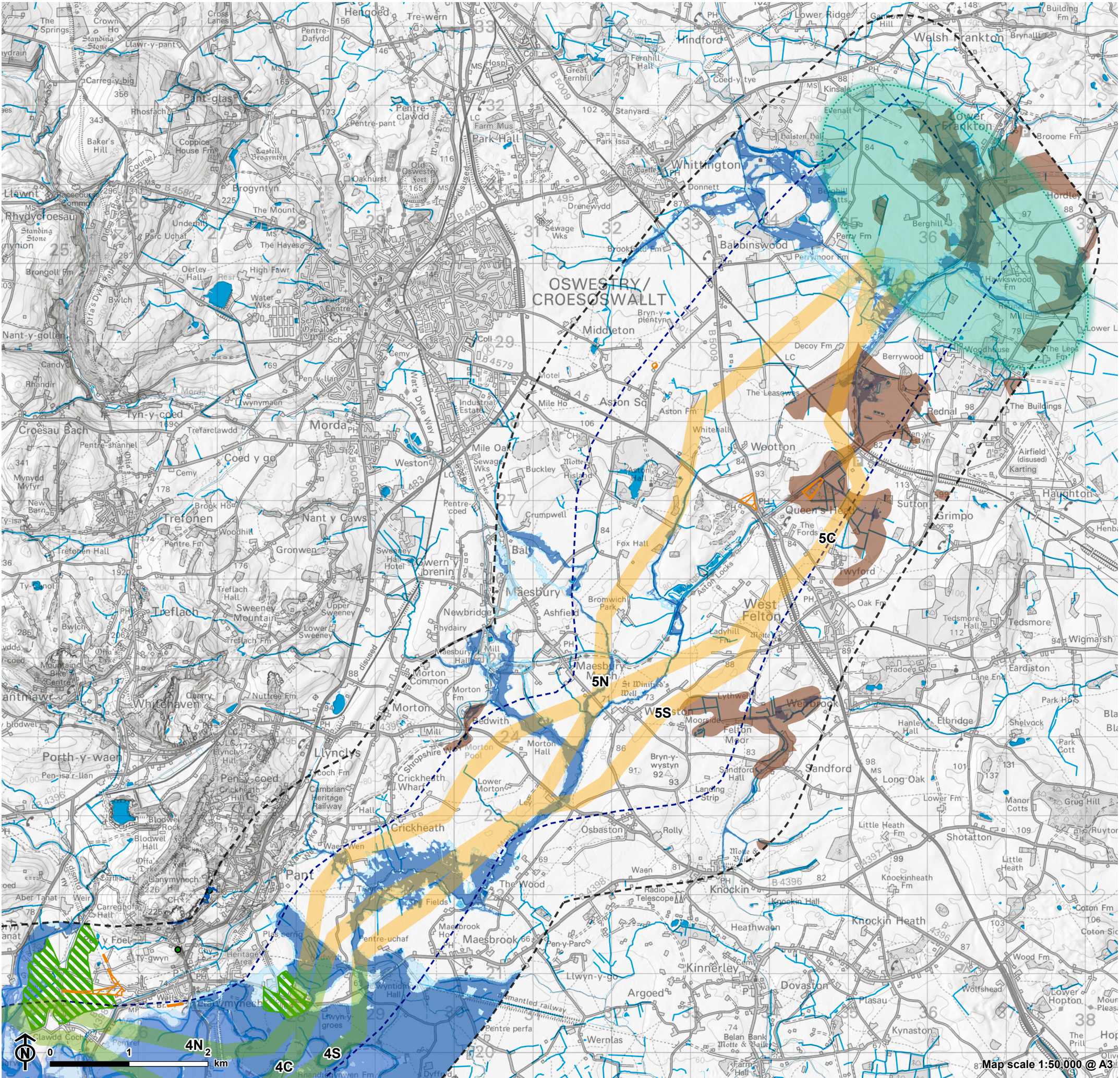


Figure 6-5: Hydrology, Geology and Hydrogeology  
Considerations - Section 5

- Search area for National Grid Substation
- Preferred Corridor
- Route Options**
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- 1km from Preferred Corridor
- Hydrology**
  - OS Watercourses/Waterbodies
- NRW Flood Risk from Rivers**
  - High
  - Medium
  - Low
- EA Flood Zones**
  - Flood Zone 3
  - Flood Zone 2
- Geology and Peat**
  - Geological Conservation Review (GCR) Site
  - Powys Regionally Important Geological and Geomorphological Site (RIGS)
  - BGS Peaty Soils
  - Shropshire Regionally Important Geological and Geomorphological Site (RIGS)
- Landfill**
  - Historic Landfill Site (NRW)
  - Historic Landfill Site (EA)

**Note**  
Mass movement (landslides) data is not shown on the figure  
due to size, scale and available symbology



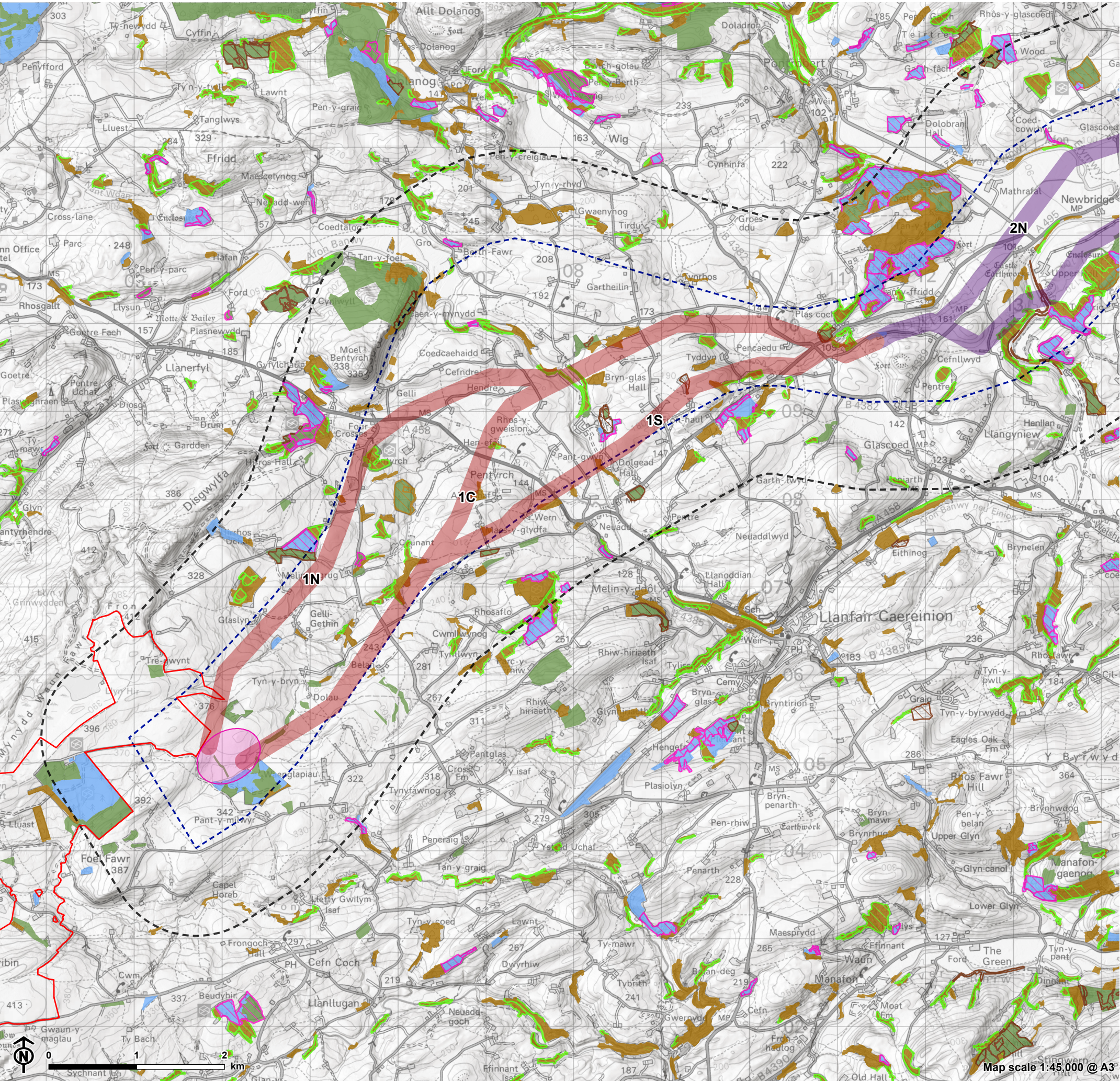


Figure 6-6 Forestry Considerations - Section 1

- Llyn Lort Energy Park
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Preferred Corridor
- Route Options**
  - Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - 1km from Preferred Corridor
- Ancient Woodland Inventory (AWI)**
  - Ancient Semi Natural Woodland
  - Ancient Woodland Site of Unknown Category
  - Plantation on Ancient Woodland Site
  - Restored Ancient Woodland Site
- National Forest Inventory**
  - Broadleaved; Mixed mainly broadleaved
  - Conifer; Mixed mainly conifer
  - Other



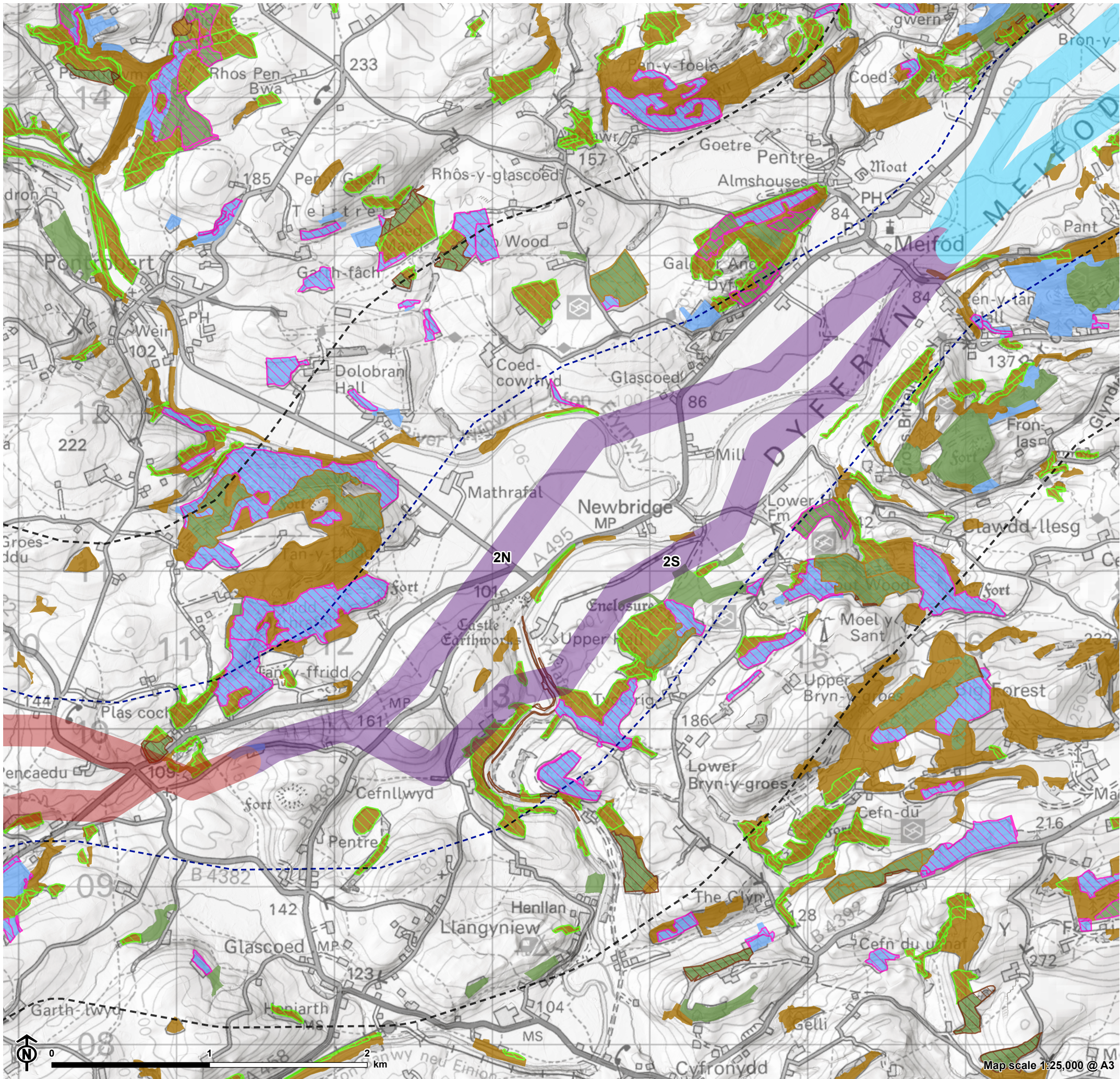
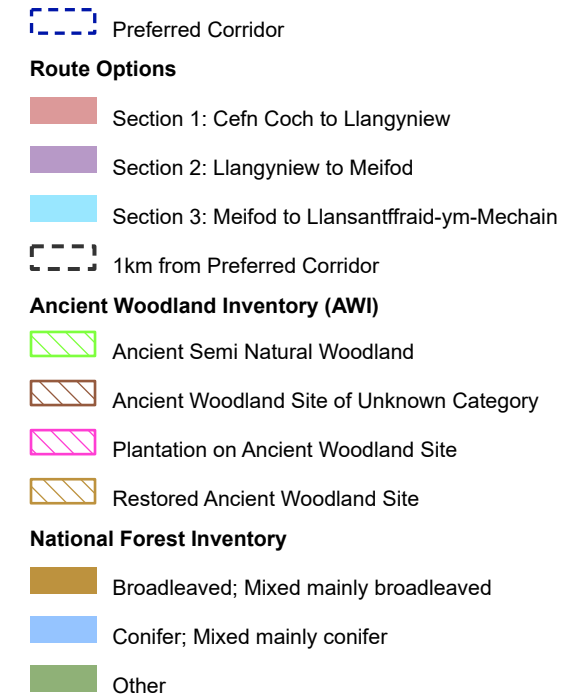


Figure 6-6 Forestry Considerations - Section 2





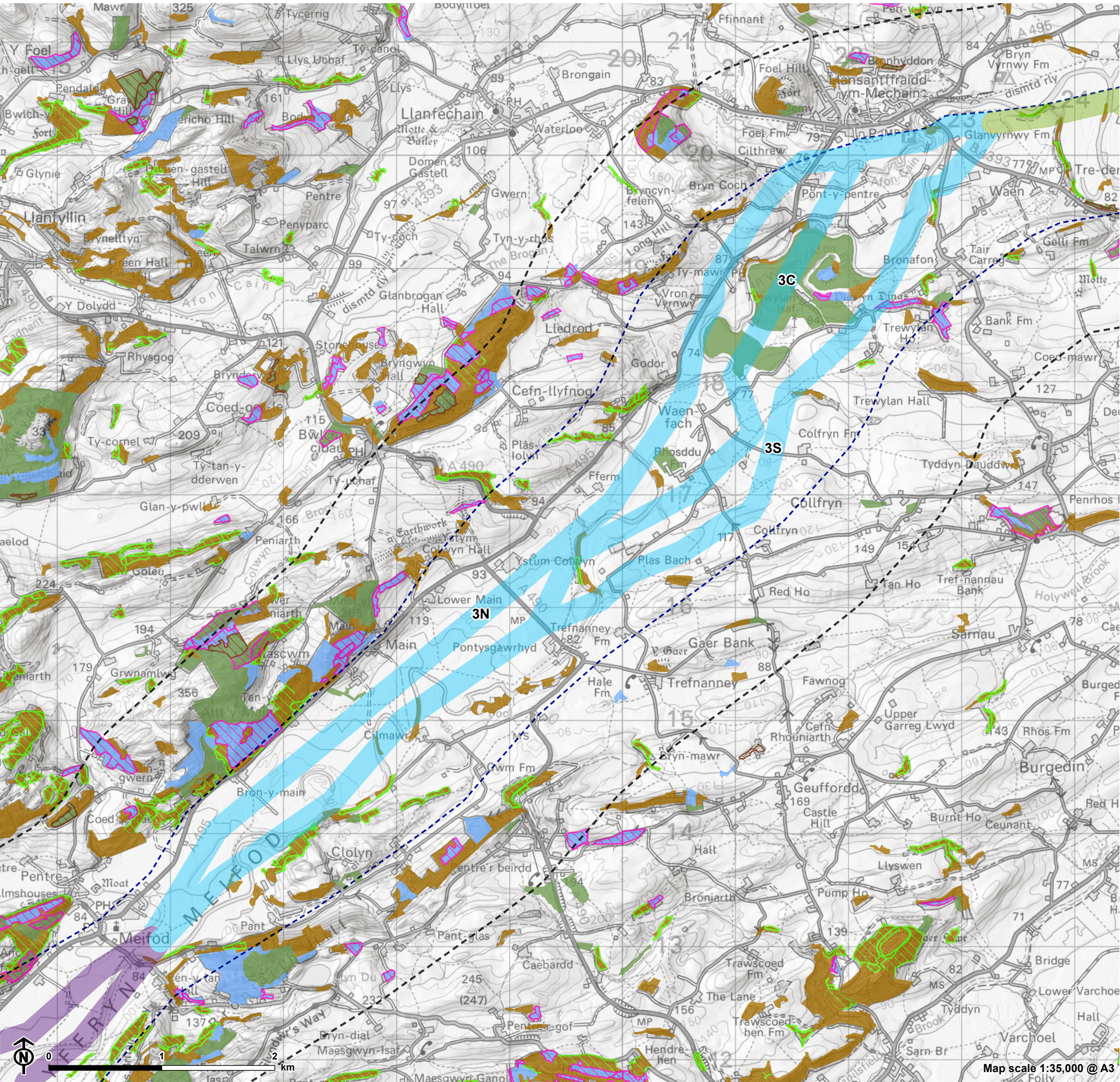


Figure 6-6 Forestry Considerations - Section 3

- Preferred Corridor**
- Route Options**
- Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
- 1km from Preferred Corridor**
- Ancient Woodland Inventory (AWI)**
- Ancient Semi Natural Woodland
  - Ancient Woodland Site of Unknown Category
  - Plantation on Ancient Woodland Site
  - Restored Ancient Woodland Site
- National Forest Inventory**
- Broadleaved; Mixed mainly broadleaved
  - Conifer; Mixed mainly conifer
  - Other



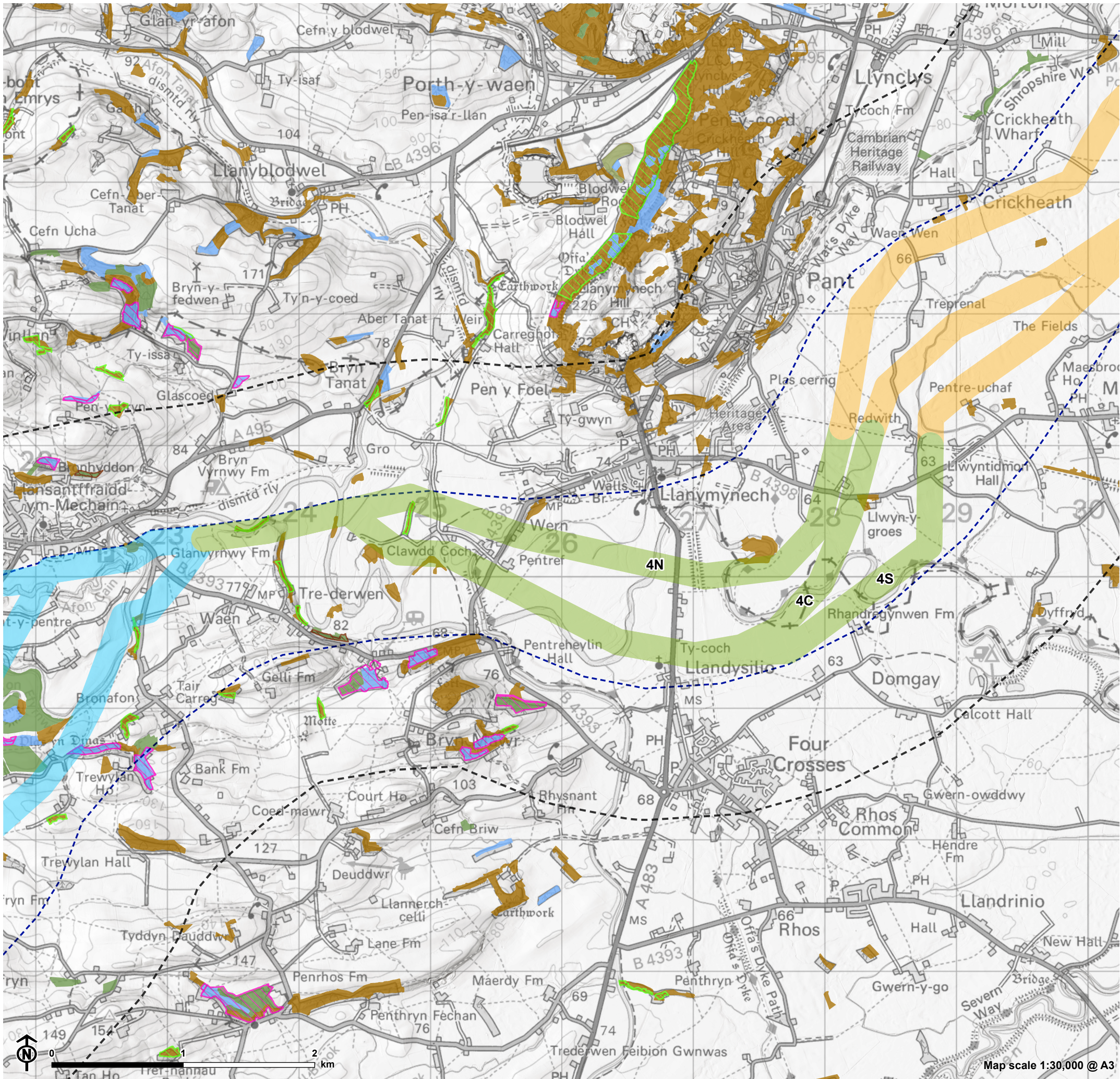


Figure 6-6 Forestry Considerations - Section 4

- Preferred Corridor**
- Route Options**
- Section 3: Meifod to Llanantffraid-ym-Mechain
  - Section 4: Llanantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- 1km from Preferred Corridor**
- Ancient Woodland Inventory (AWI)**
- Ancient & Semi-Natural Woodland
  - Ancient Replanted Woodland
  - Ancient Semi Natural Woodland
  - Ancient Woodland Site of Unknown Category
  - Plantation on Ancient Woodland Site
  - Restored Ancient Woodland Site
- National Forest Inventory**
- Broadleaved; Mixed mainly broadleaved
  - Conifer; Mixed mainly conifer
  - Other



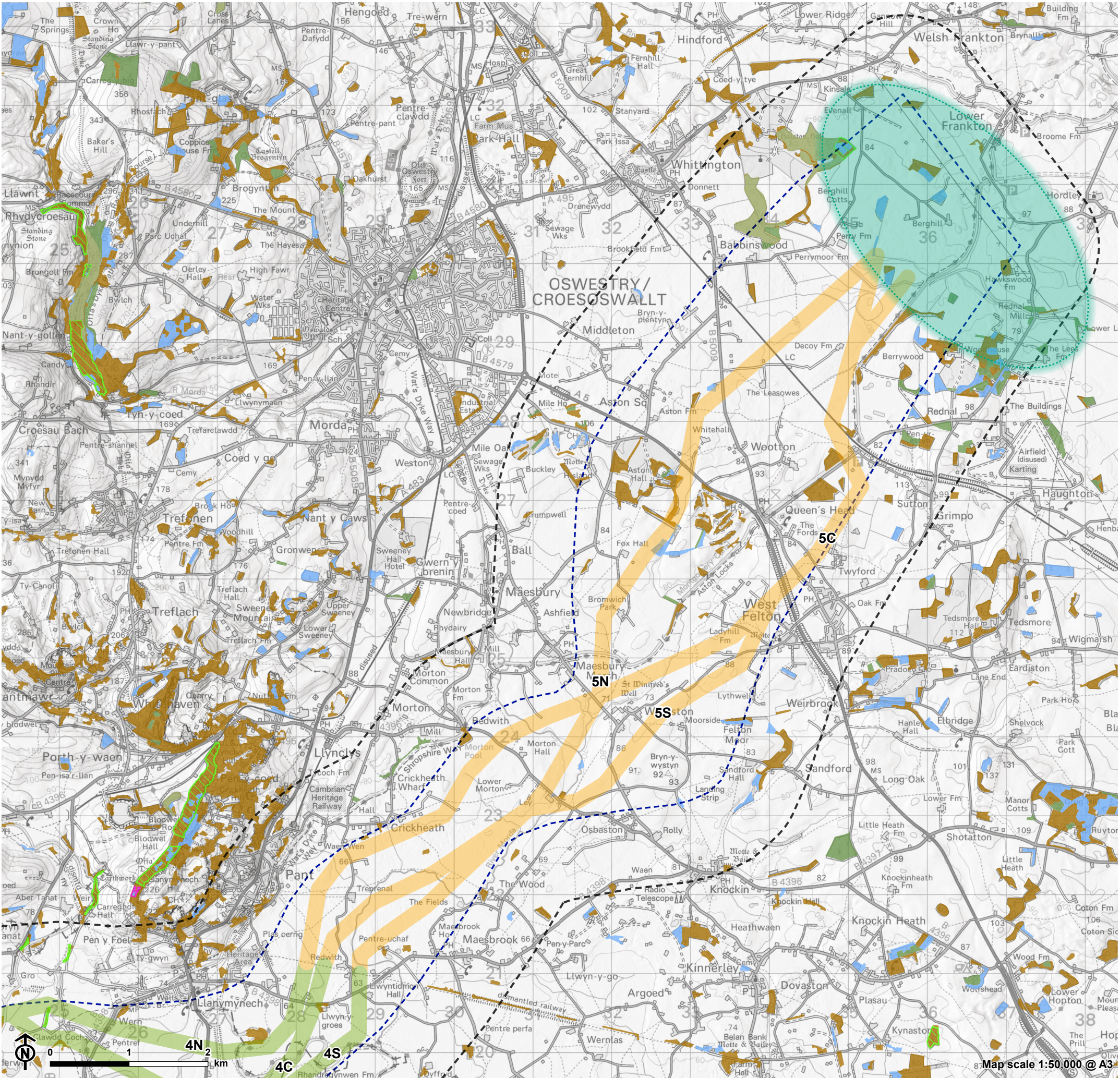


Figure 6-6 Forestry Considerations - Section 5

- Search area for National Grid Substation
- Preferred Corridor
- Route Options**
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
  - 1km from Preferred Corridor
- Ancient Woodland Inventory (AWI)**
  - Ancient & Semi-Natural Woodland
  - Ancient Replanted Woodland
  - Ancient Semi Natural Woodland
  - Plantation on Ancient Woodland Site
  - Restored Ancient Woodland Site
- National Forest Inventory**
  - Broadleaved; Mixed mainly broadleaved
  - Conifer; Mixed mainly conifer
  - Other



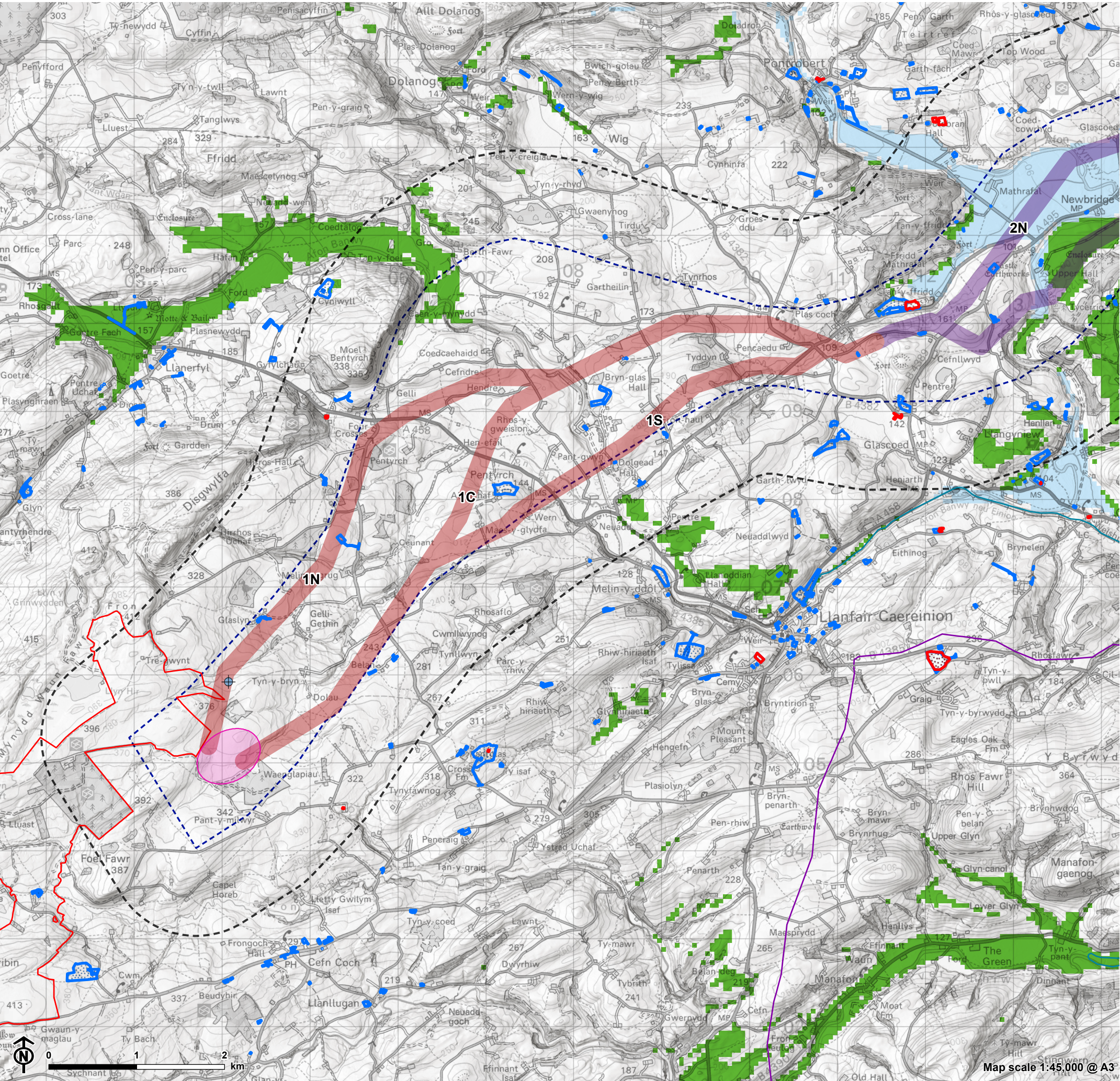


Figure 6-7: Land Use Considerations - Section 1

- Llyn Lort Energy Park
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Preferred Corridor
- Route Options**
  - Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - 1km from Preferred Corridor
  - Railway
- Overhead Lines (OHL) and Underground Cable (UGC)**
  - 400kV
  - 275kV
  - 132kV
  - 33kV
  - 25kV
- Wind Turbine Location
- Predictive Agricultural Land Classification (ALC2) (Wales)**
  - Grade 2
  - Grade 3a
- Planning**
  - Committed Development (Consented Applications)
  - Committed Development (Undetermined Applications)
  - Committed Development (Withdrawn Applications)

**Note**

Consistent datasets showing Local Development Plan (LDP) allocations across both local authority areas were not available; therefore, LDP allocations are not included in the figure.



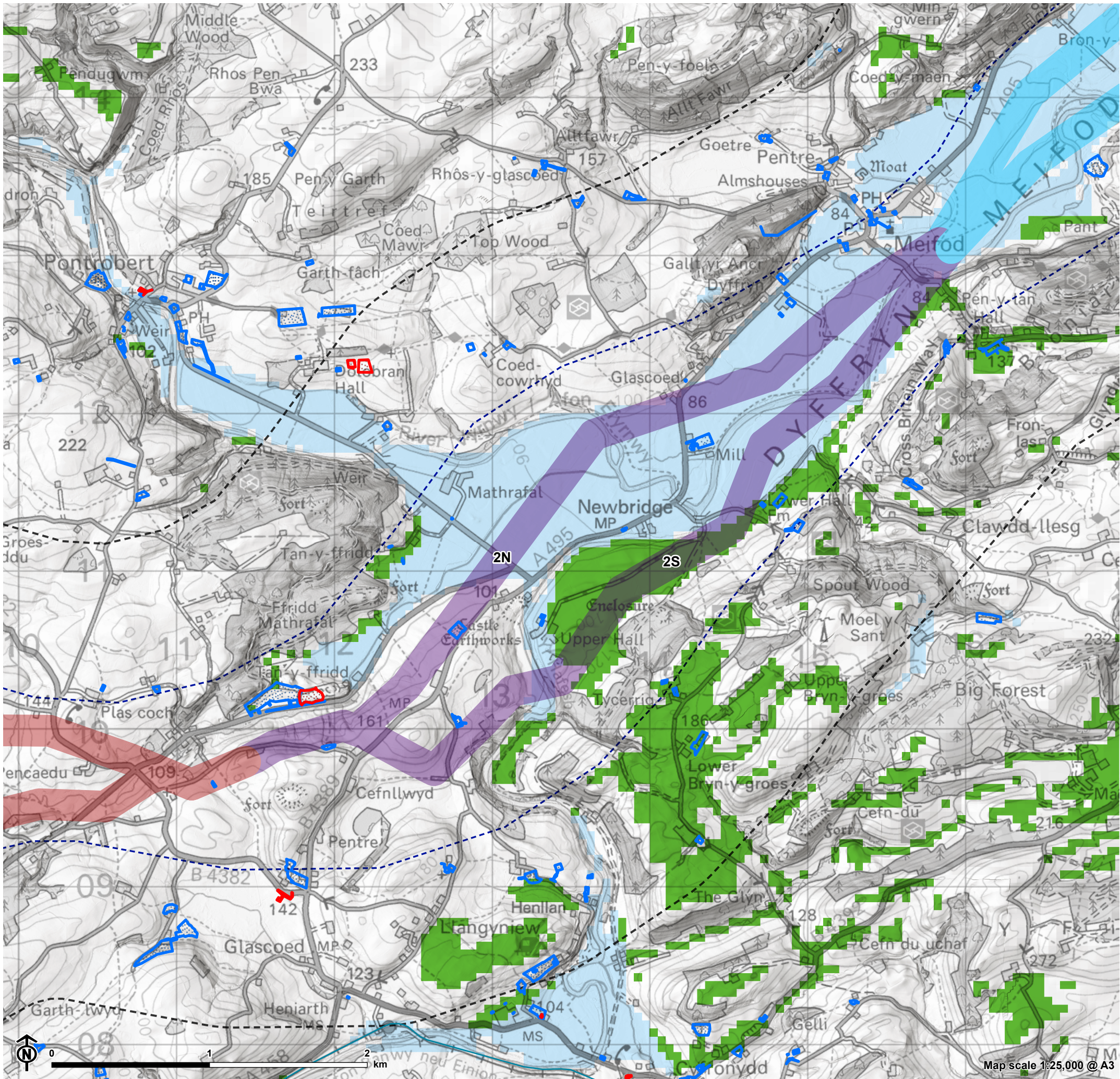


Figure 6-7: Land Use Considerations - Section 2

- Preferred Corridor**
- Route Options**
- Section 1: Cefn Coch to Llangyniew
  - Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - 1km from Preferred Corridor
  - Railway
- Overhead Lines (OHL) and Underground Cable (UGC)**
- 400kV
  - 275kV
  - 132kV
  - 33kV
  - 25kV
- Predictive Agricultural Land Classification (ALC2) (Wales)**
- Grade 2
  - Grade 3a
- Planning**
- Committed Development (Consented Applications)
  - Committed Development (Undetermined Applications)
  - Committed Development (Withdrawn Applications)

**Note**

Consistent datasets showing Local Development Plan (LDP) allocations across both local authority areas were not available; therefore, LDP allocations are not included in the figure.



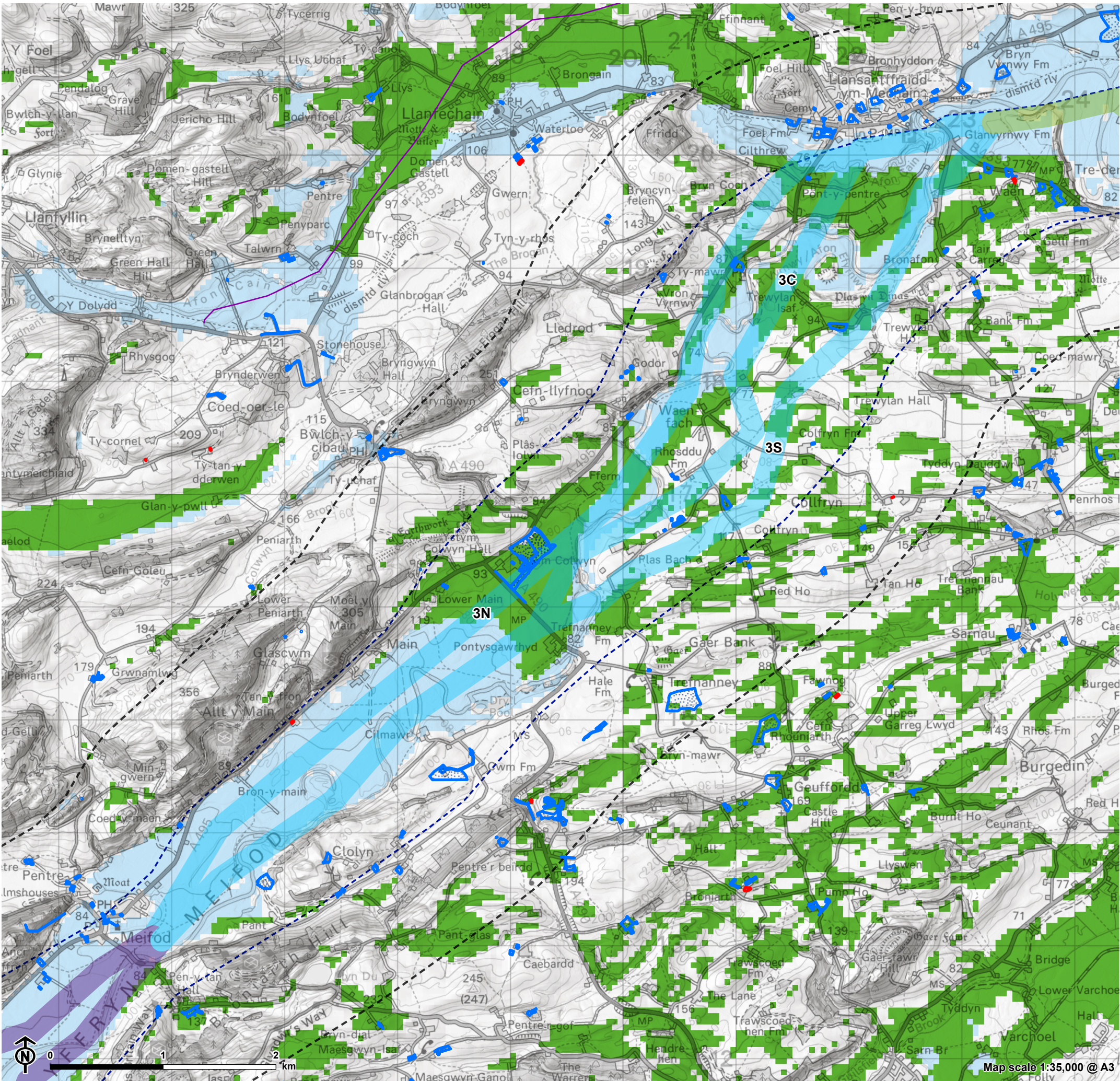


Figure 6-7: Land Use Considerations - Section 3

- Preferred Corridor**
- Route Options**
- Section 2: Llangyniew to Meifod
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - 1km from Preferred Corridor
- Overhead Lines (OHL) and Underground Cable (UGC)**
- 400kV
  - 275kV
  - 132kV
  - 33kV
  - 25kV
- Predictive Agricultural Land Classification (ALC2) (Wales)**
- Grade 2
  - Grade 3a
- Planning**
- Committed Development (Consented Applications)
  - Committed Development (Undetermined Applications)
  - Committed Development (Withdrawn Applications)

**Note**

Consistent datasets showing Local Development Plan (LDP) allocations across both local authority areas were not available; therefore, LDP allocations are not included in the figure.



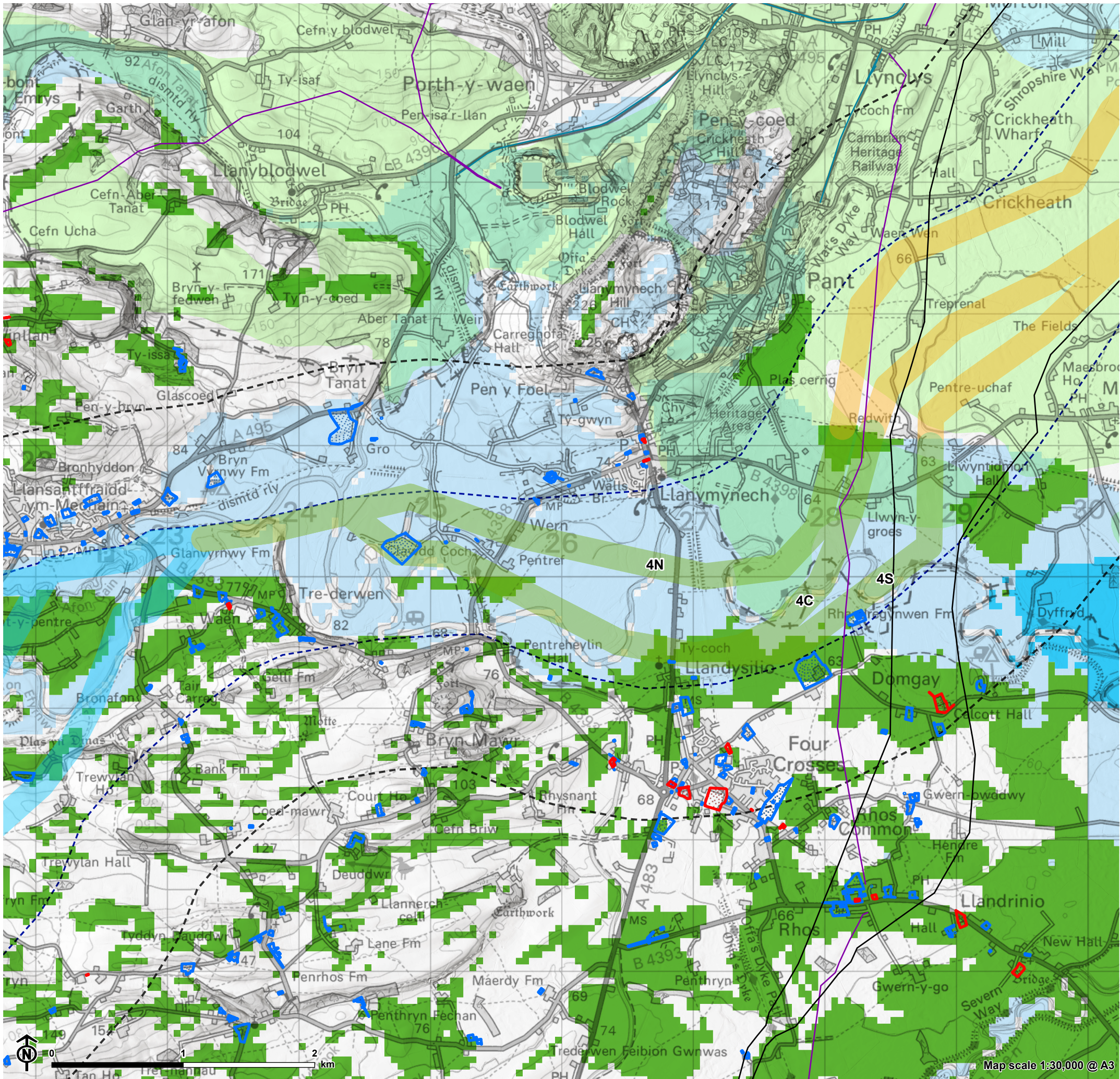


Figure 6-7: Land Use Considerations - Section 4

- Preferred Corridor
- Route Options
  - Section 3: Meifod to Llansantffraid-ym-Mechain
  - Section 4: Llansantffraid-ym-Mechain to Llanymynech
  - Section 5: Llanymynech to Lower Frankton
- 1km from Preferred Corridor
- Railway
- Overhead Lines (OHL) and Underground Cable (UGC)
  - 400kV
  - 275kV
  - 132kV
  - 33kV
  - 25kV
- Predictive Agricultural Land Classification (ALC2) (Wales)
  - Grade 1
  - Grade 2
  - Grade 3a
- Provisional Agricultural Land Classification (ALC) (England)
  - Grade 2
  - Grade 3
- Planning
  - Committed Development (Consented Applications)
  - Committed Development (Undetermined Applications)
  - Committed Development (Withdrawn Applications)

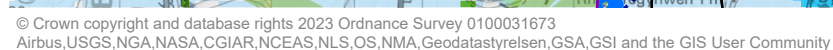
**Note**

Consistent datasets showing Local Development Plan (LDP) allocations across both local authority areas were not available; therefore, LDP allocations are not included in the figure.



-  Search area for National Grid Substation
-  Preferred Corridor
- Route Options**
  -  Section 4: Llansantffraid-ym-Mechain to Llanymynech
  -  Section 5: Llanymynech to Lower Frankton
  -  1km from Preferred Corridor
  -  Railway
- Overhead Lines (OHL) and Underground Cable (UGC)**
  -  400kV
  -  275kV
  -  132kV
  -  33kV
  -  25kV
- Predictive Agricultural Land Classification (ALC2) (Wales)**
  -  Grade 1
  -  Grade 2
  -  Grade 3a
- Provisional Agricultural Land Classification (ALC) (England)**
  -  Grade 2
  -  Grade 3
- Planning**
  -  Committed Development (Consented Applications)
  -  Committed Development (Undetermined Applications)
  -  Committed Development (Withdrawn Applications)

Consistent datasets showing Local Development Plan (LDP) allocations across both local authority areas were not available; therefore, LDP allocations are not included in the figure.





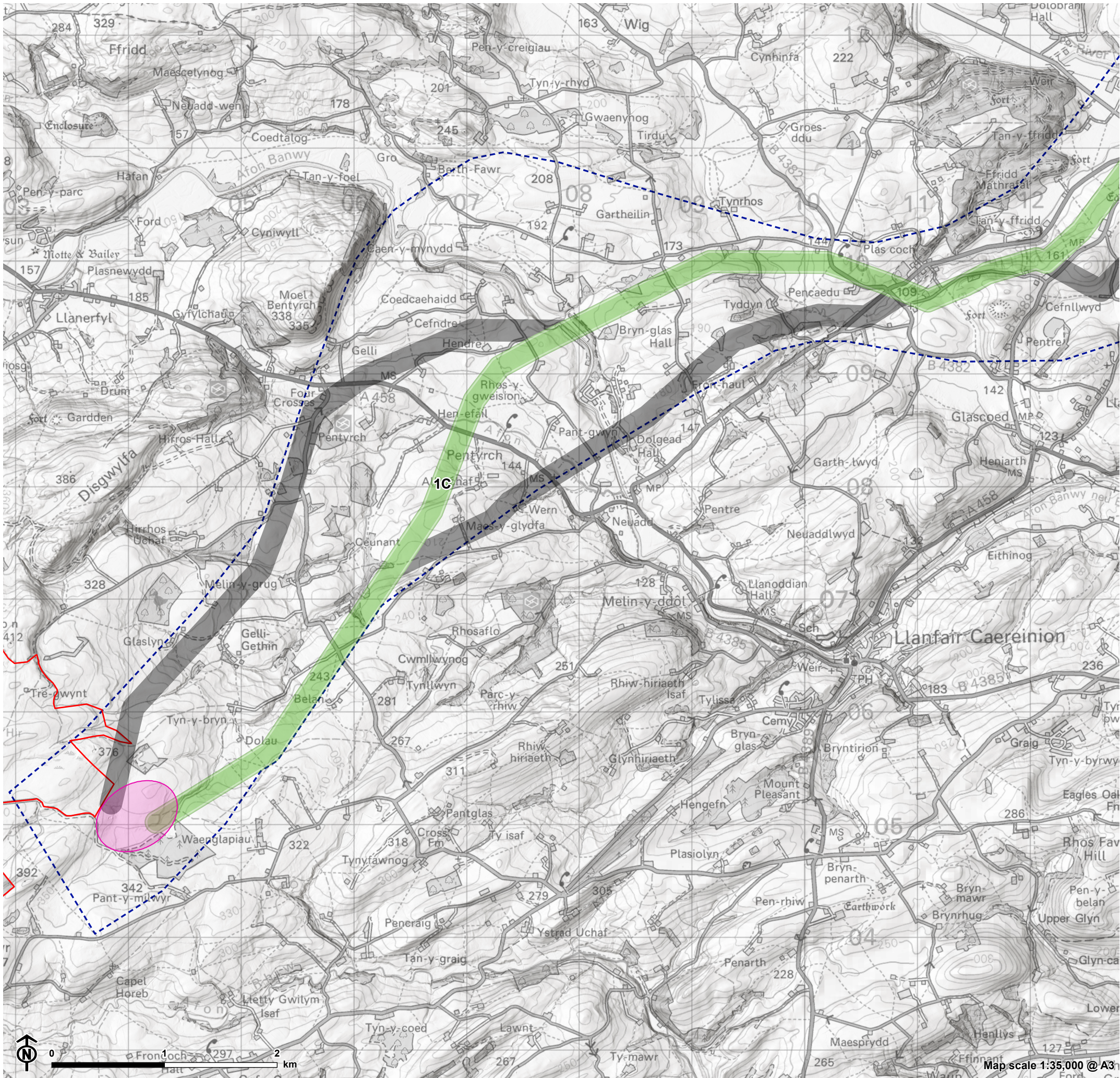


Figure 6-8 Preferred Route - Section 1

- Llyn Lort Energy Park
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Preferred Corridor
- Preferred Route
- Other Route Options



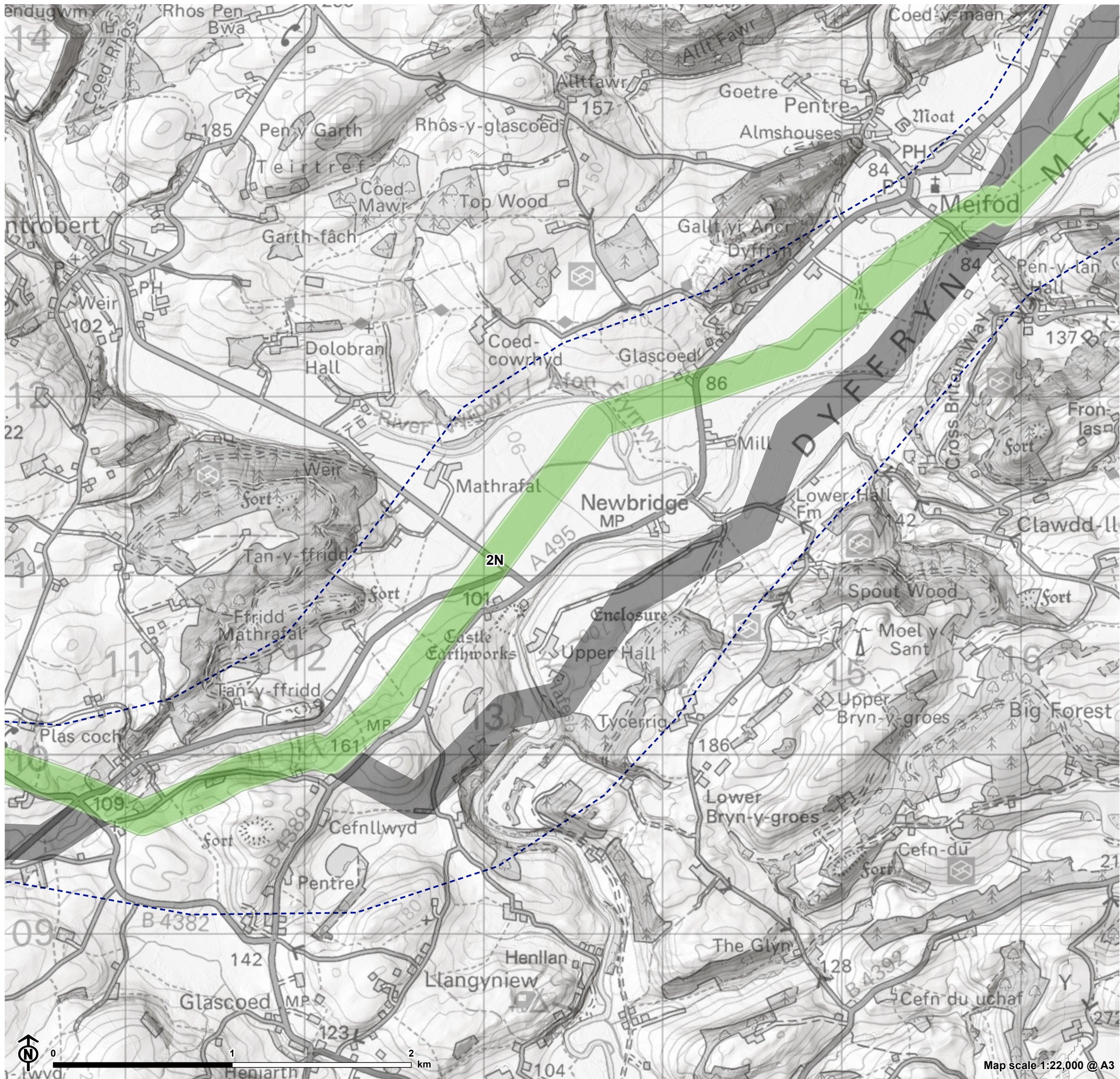
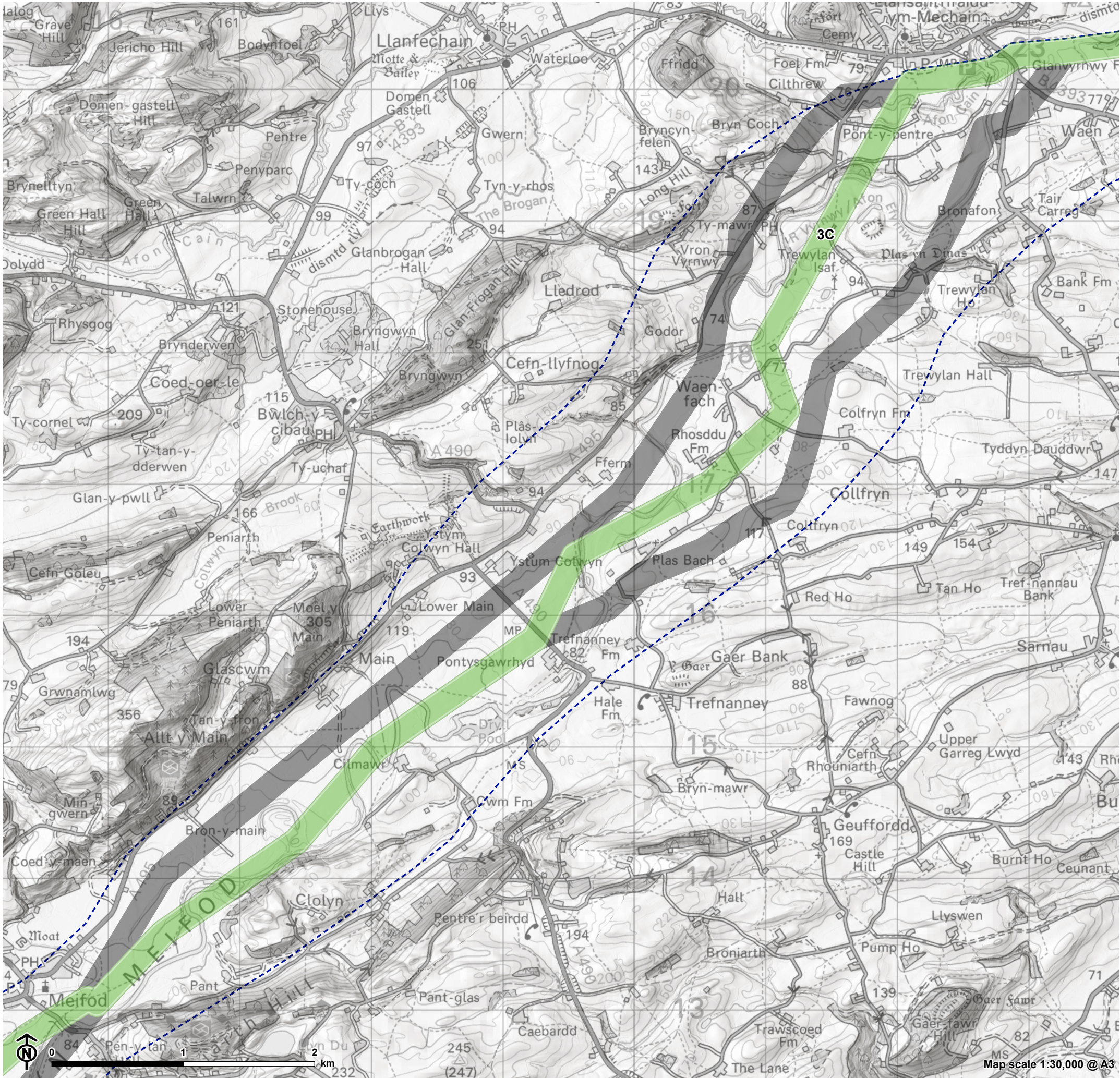


Figure 6-8 Preferred Route - Section 2

- Preferred Corridor
- Preferred Route
- Other Route Options





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Routing and Consultation Document  
for Green GEN Cymru

**GREEN  
GEN  
CYMRU**

**Figure 6-8 Preferred Route - Section 3**



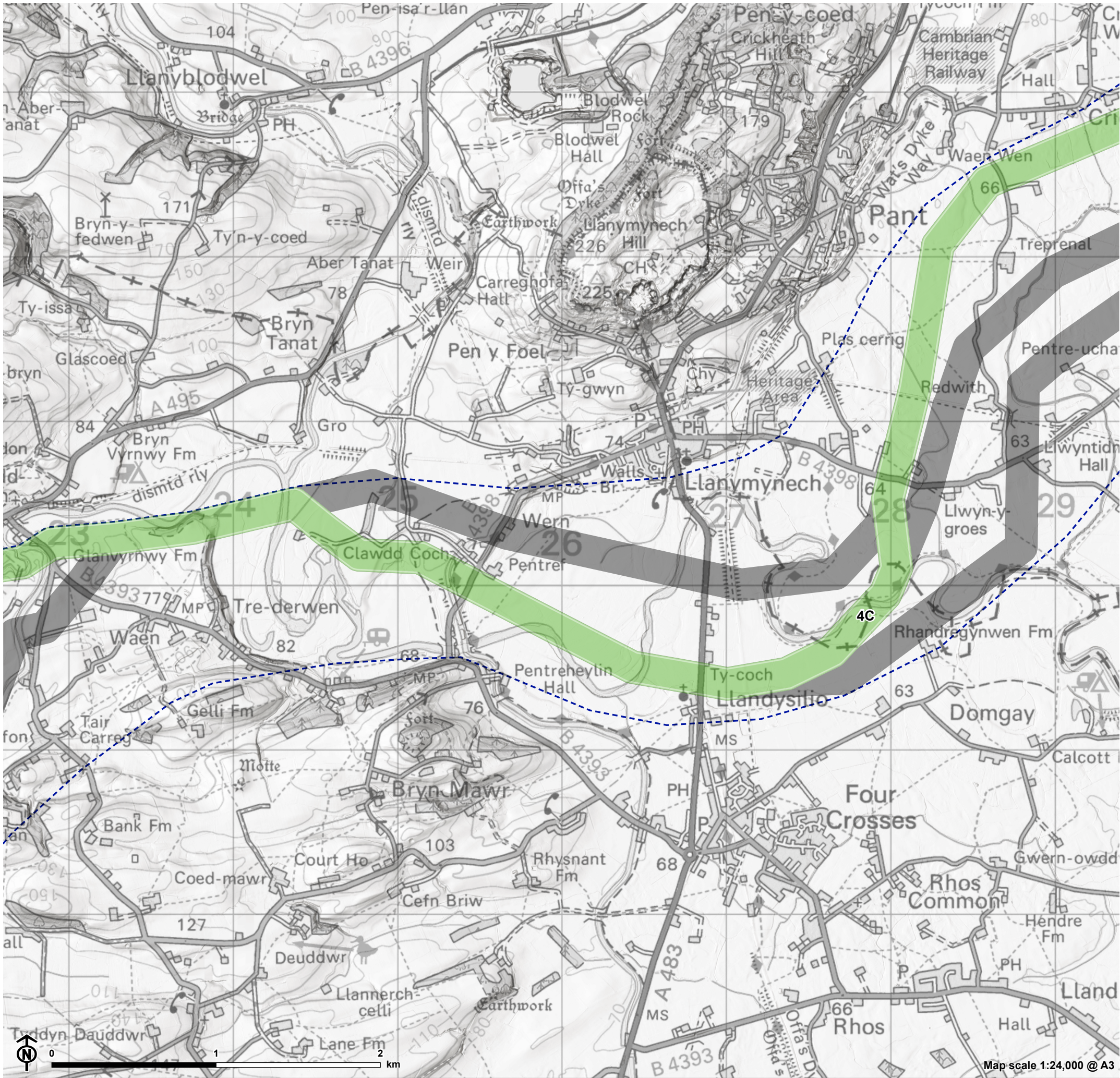
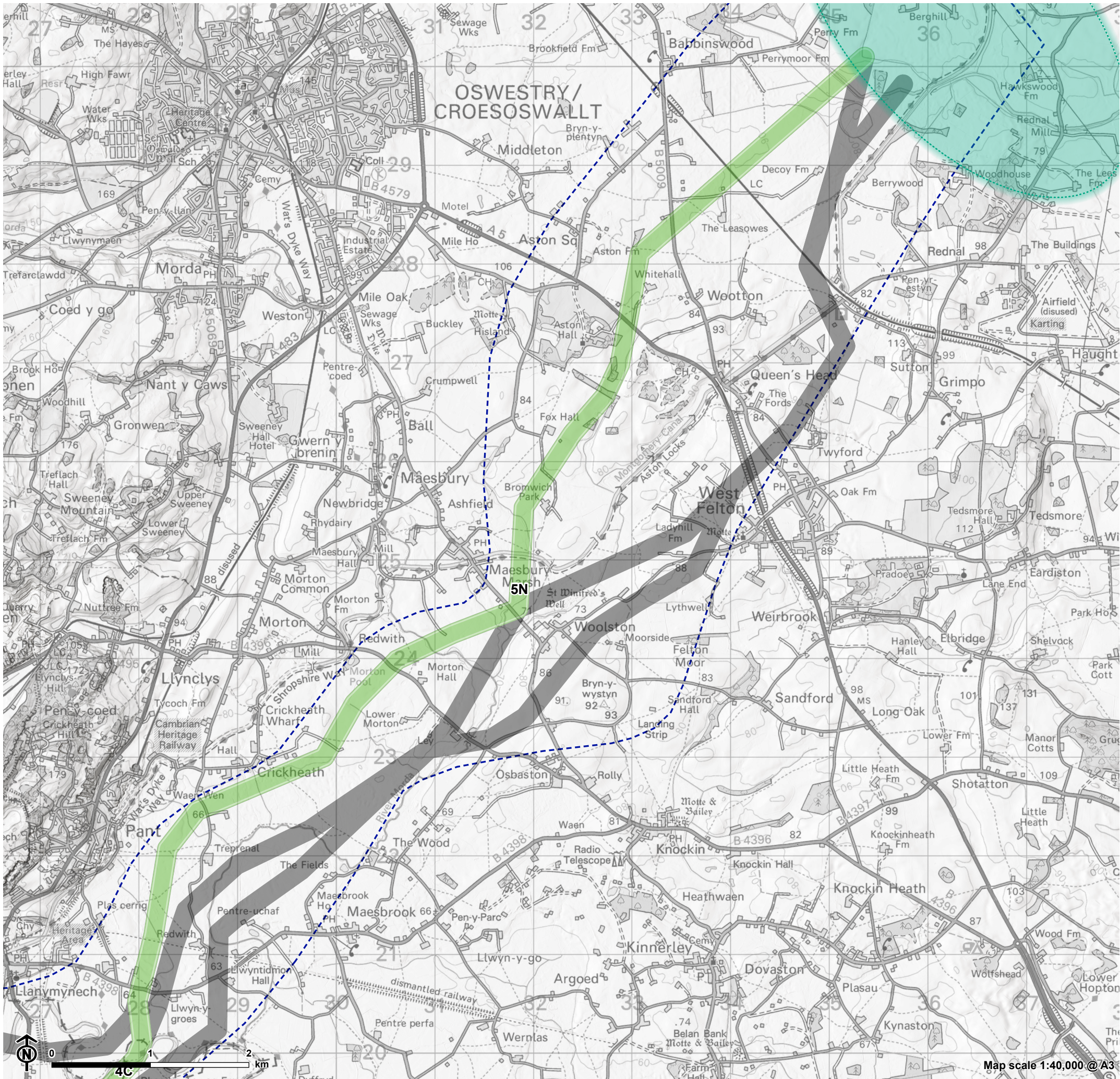


Figure 6-8 Preferred Route - Section 4

- Preferred Corridor
- Preferred Route
- Other Route Options





Green GEN Vyrnwy Frankton  
Routing and Consultation Document  
for Green GEN Cymru

**GREEN  
GEN  
CYMRU**

Figure 6-8 Preferred Route - Section 5