

# Appendix B

Figures

February 2026

## Longcroft Wind Farm Connection Project

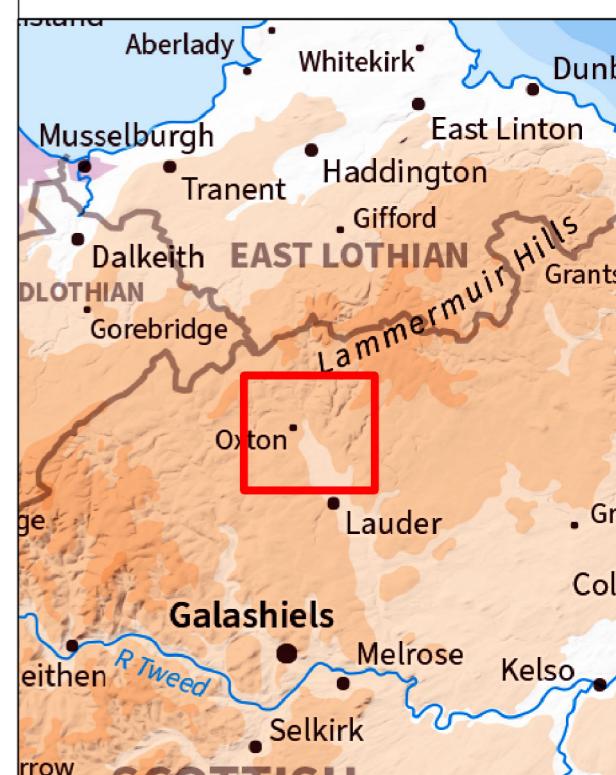
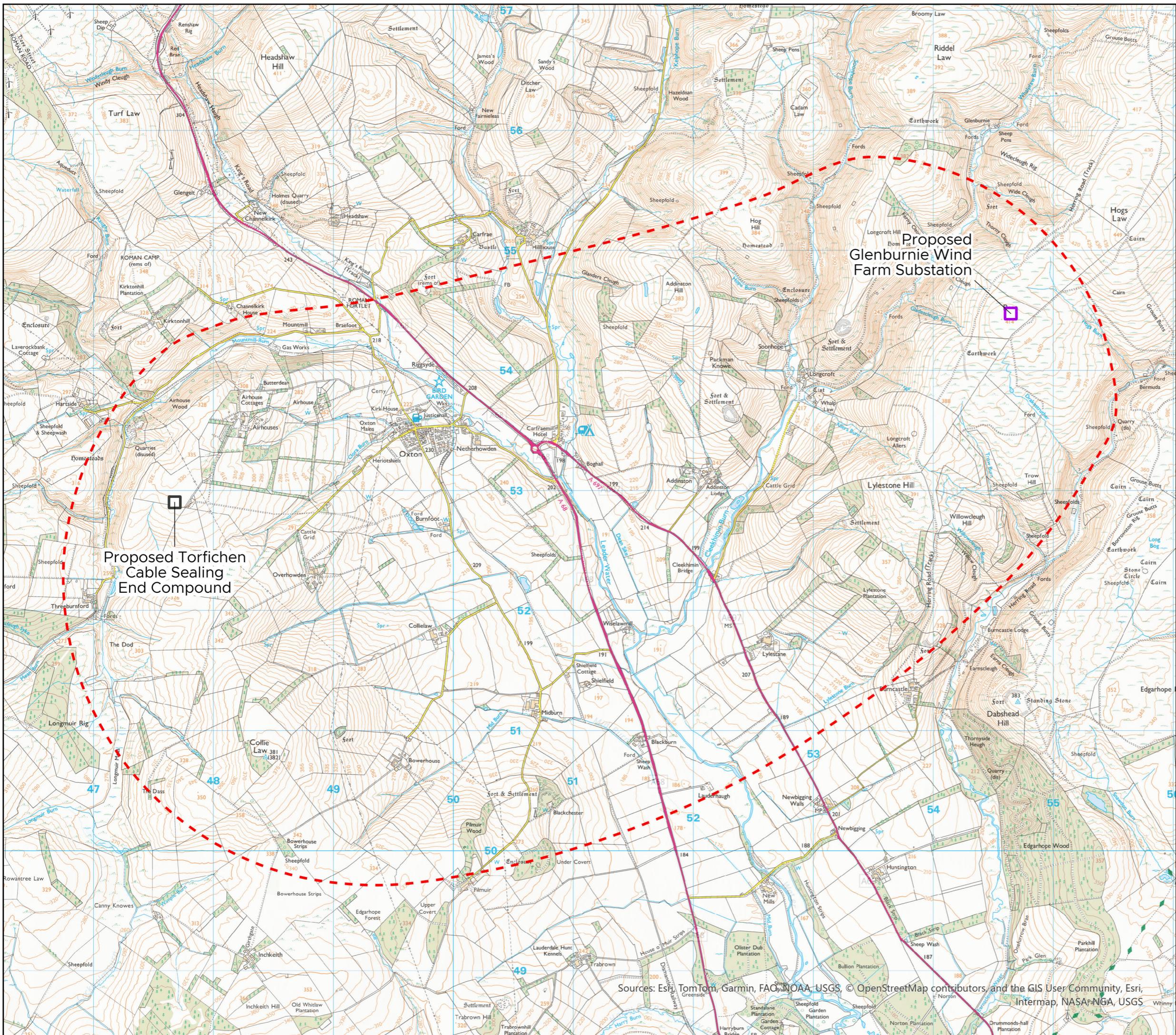


# Longcroft Wind Farm Grid Connection Project

Figure 1- Proposed Location

Key

- Study Area
- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound



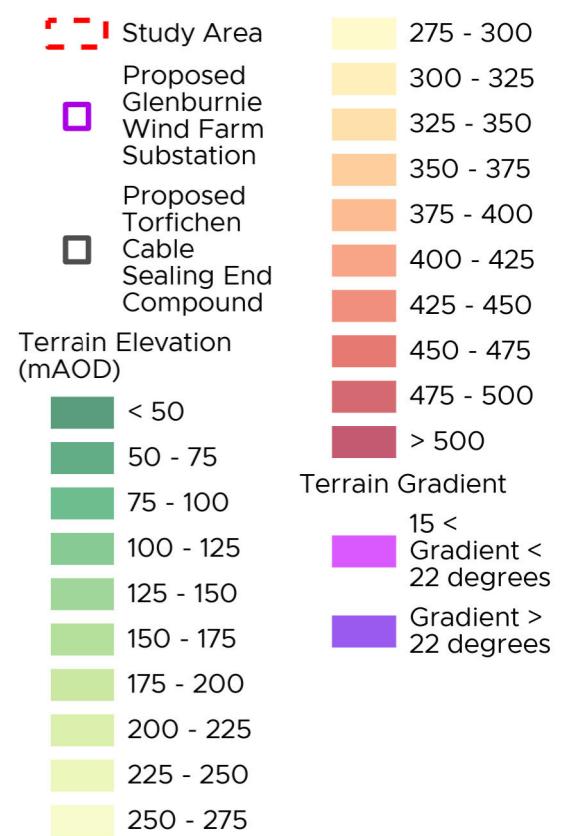
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# Longcroft Wind Farm Grid Connection Project

Figure 2 - Topography

Key:



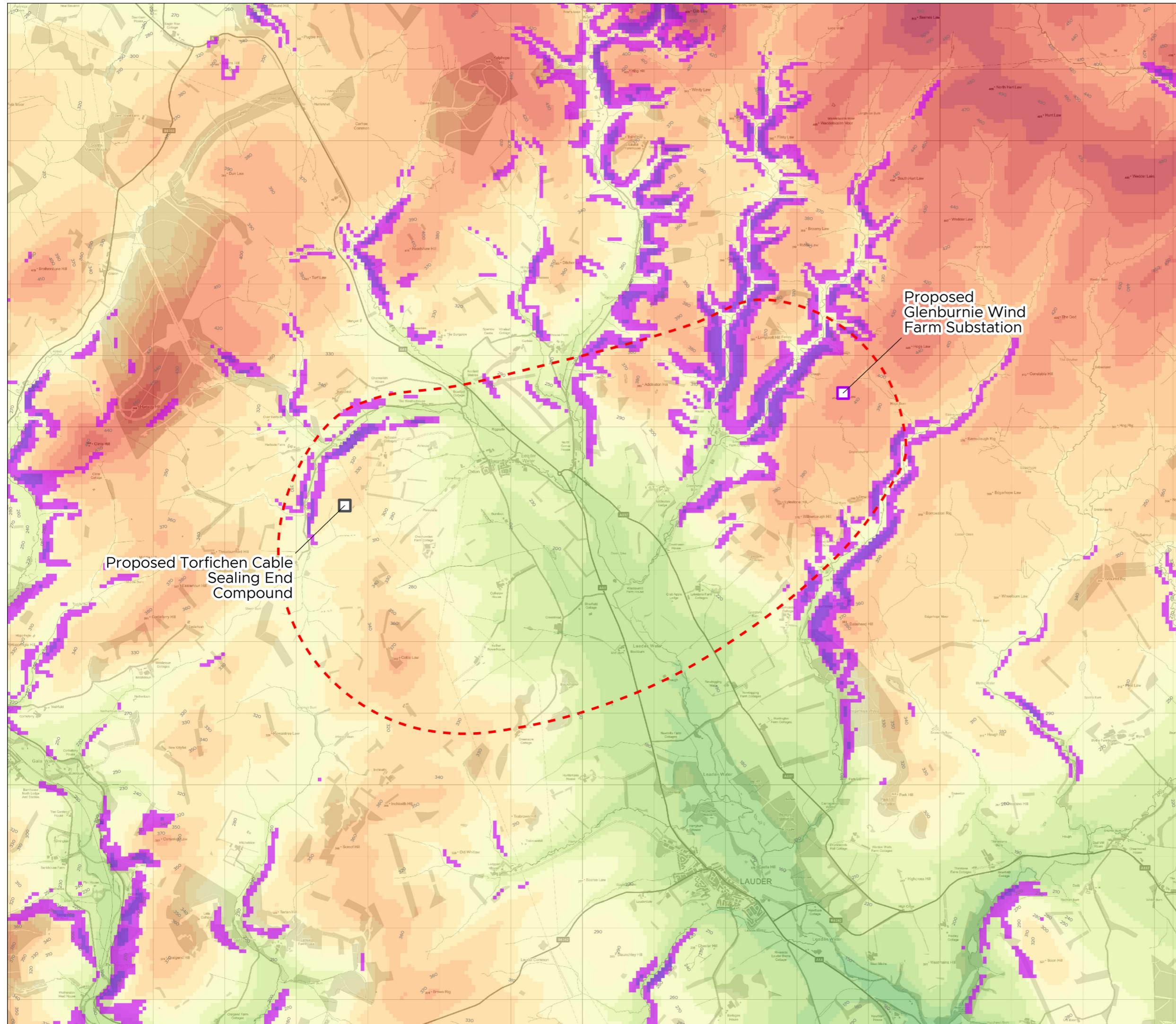
Proposed Torfichen Cable Sealing End Compound

Proposed Glenburnie Wind Farm Substation



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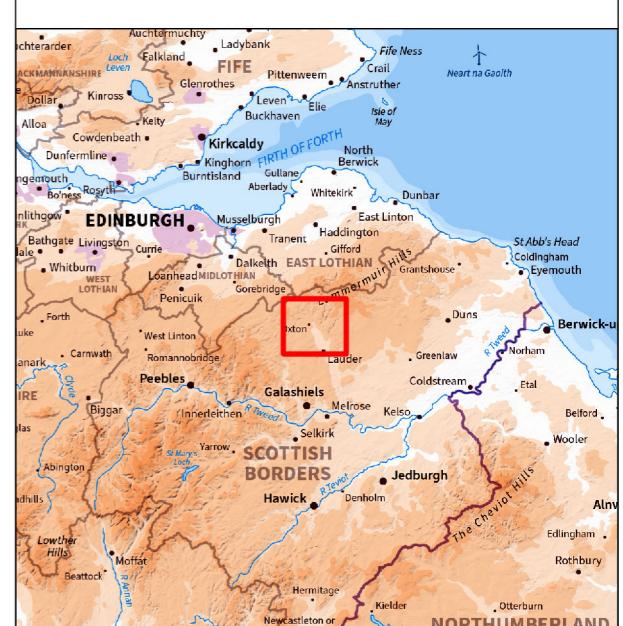
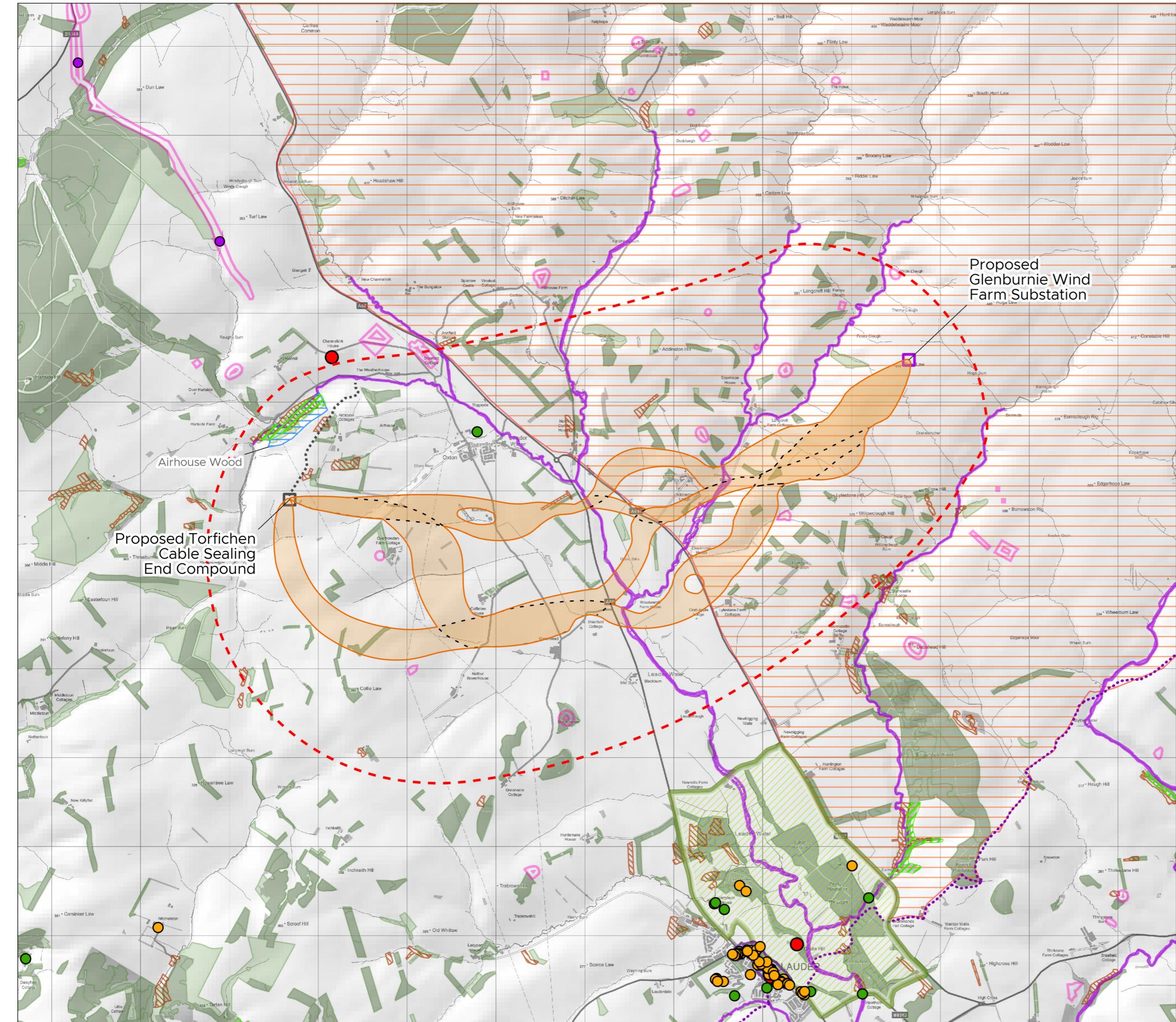


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**Figure 3 - Routing Considerations and Route Options**

Key:

- Study Area
- Site of Special Scientific Interest
- Special Areas of Conservation
- Priority Peatland Habitats - Category 1
- CULTURAL HERITAGE
- OS VectorMap
- District Surface Water
- OS Open GreenSpace Site
- Special Landscape Areas
- Properties in Care
- Listed Building
- Category A
- Category B
- Category C
- BIODIVERSITY AND GEOLOGICAL CONSERVATION
- Ancient Woodland (AWI)
- Native Woodland (NWSS)
- National Forest Inventory Woodland



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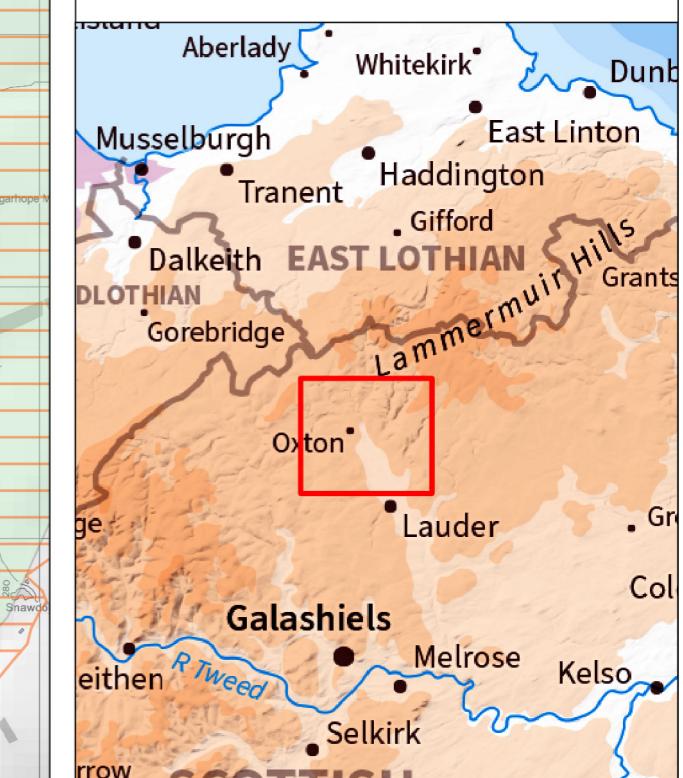
**Figure 4 - Landscape Designations and Character**

## Key

- Study Area (Red dashed line)
- Proposed Glenburnie Wind Farm Substation (Purple square)
- Proposed Torfichen Cable Sealing End Compound (Black square)
- Route Options 1- 4 (Orange shaded areas)
- Special Landscape Area (Orange lines)

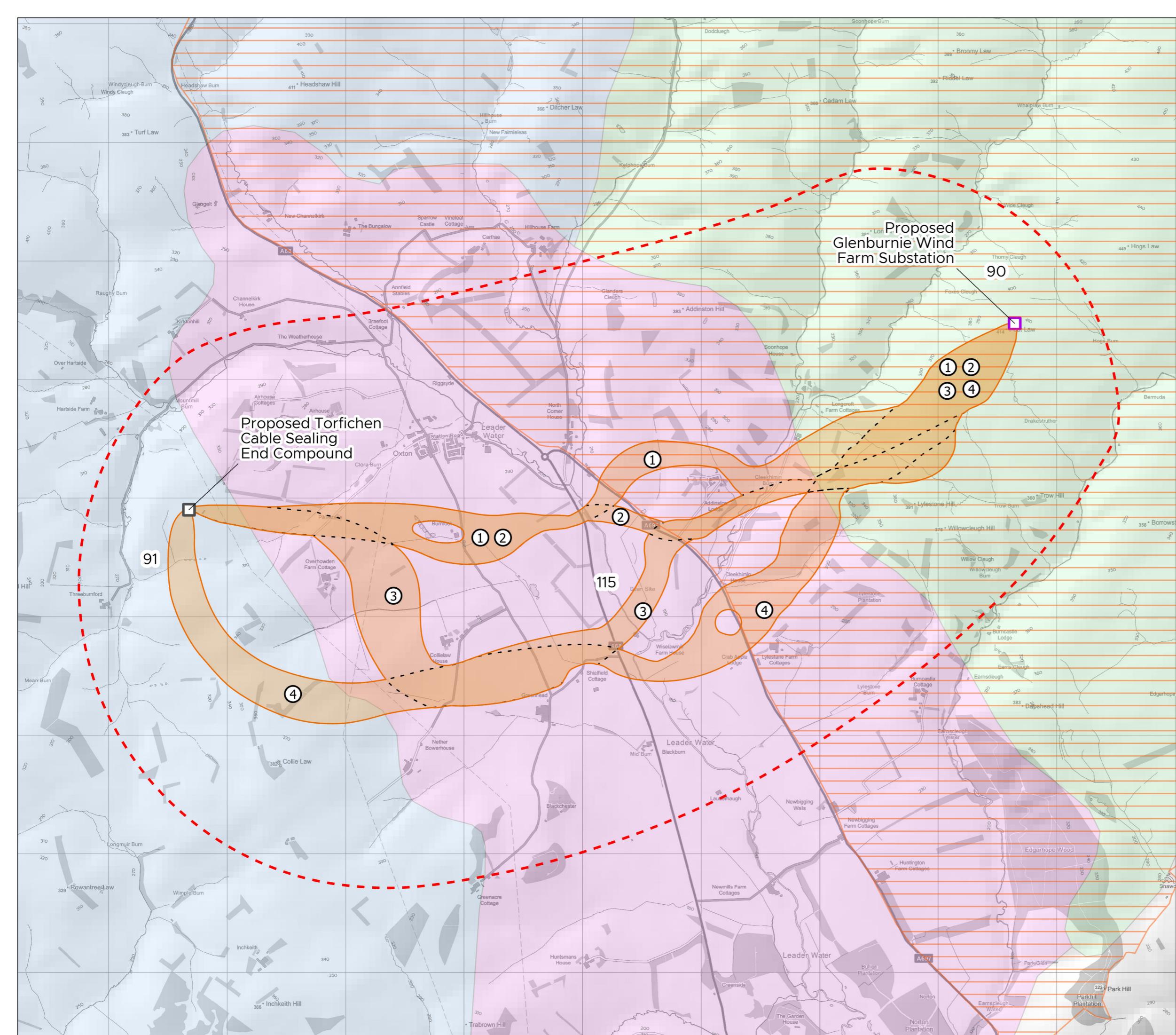
## Landscape Character Types (Landscape Character Assessment SNH 2019)

- 115 - Upland Valley with Mixed Farmland
- 90 - Dissected Plateau Moorland
- 91 - Plateau Grassland - Borders



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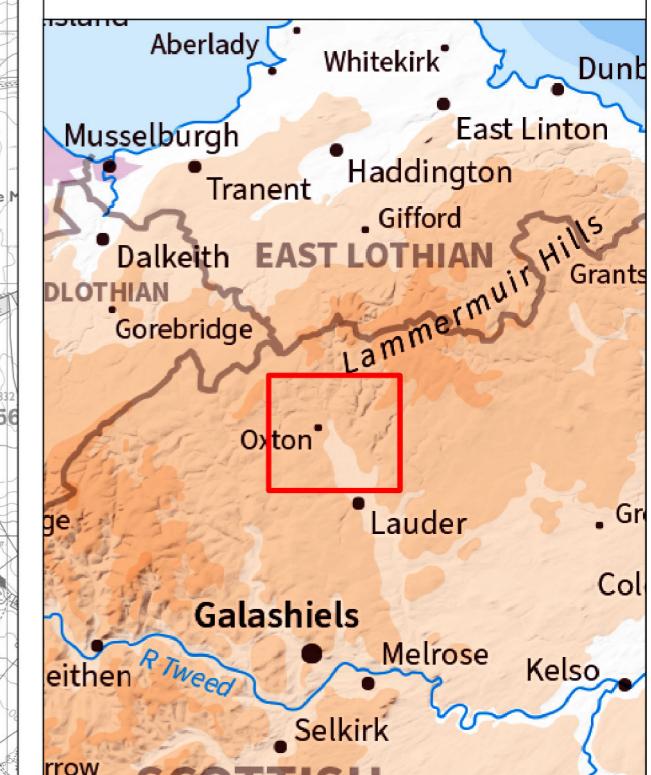
Figure 5 - Biodiversity and Geological Conservation

Key:

- Study Area
- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound
- Route Options 1-4

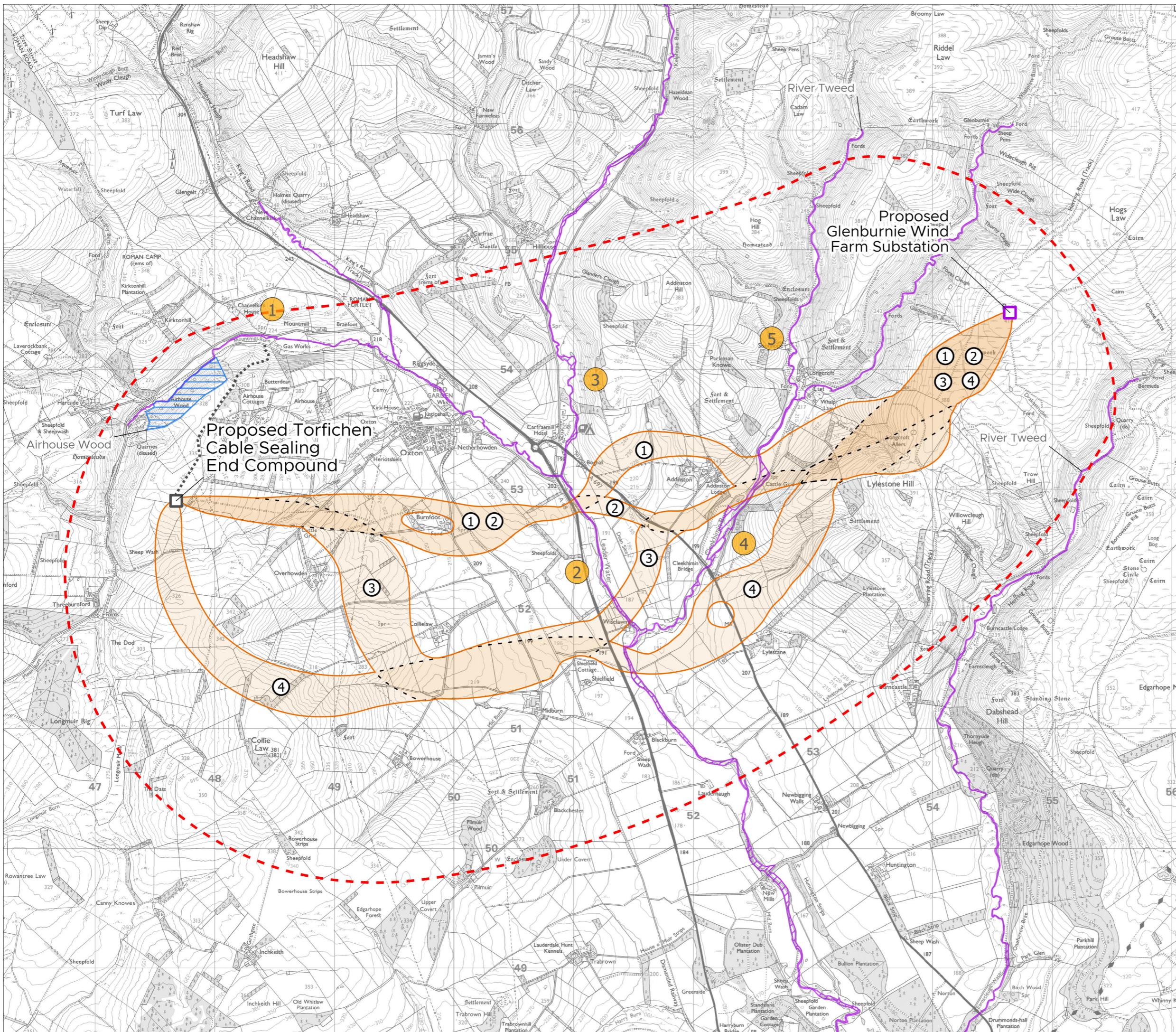
## BIODIVERSITY AND GEOLOGICAL CONSERVATION

- Airhouse Wood Site of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- 1 The Mountmill Burn
- 2 The Leader Water
- 3 The Kelphope Burn
- 4 The Cleekhumin Burn
- 5 The Soonhope Burn



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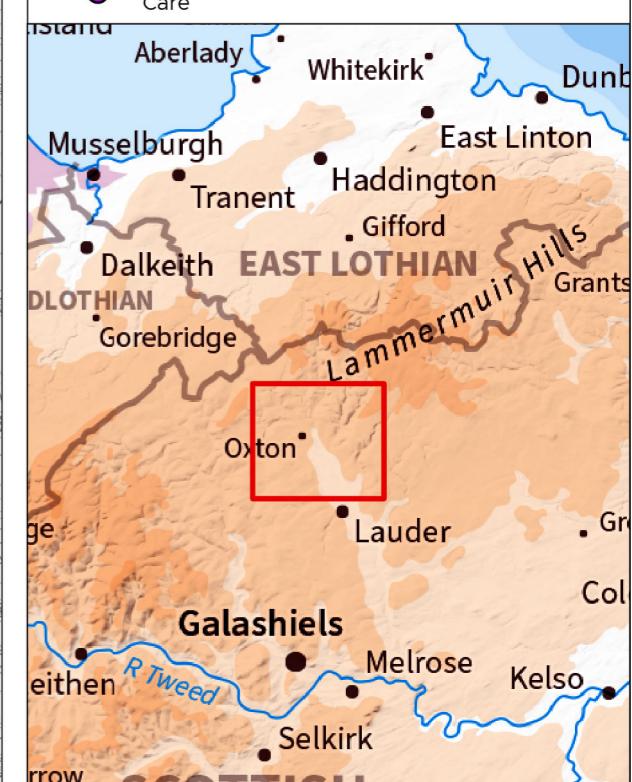
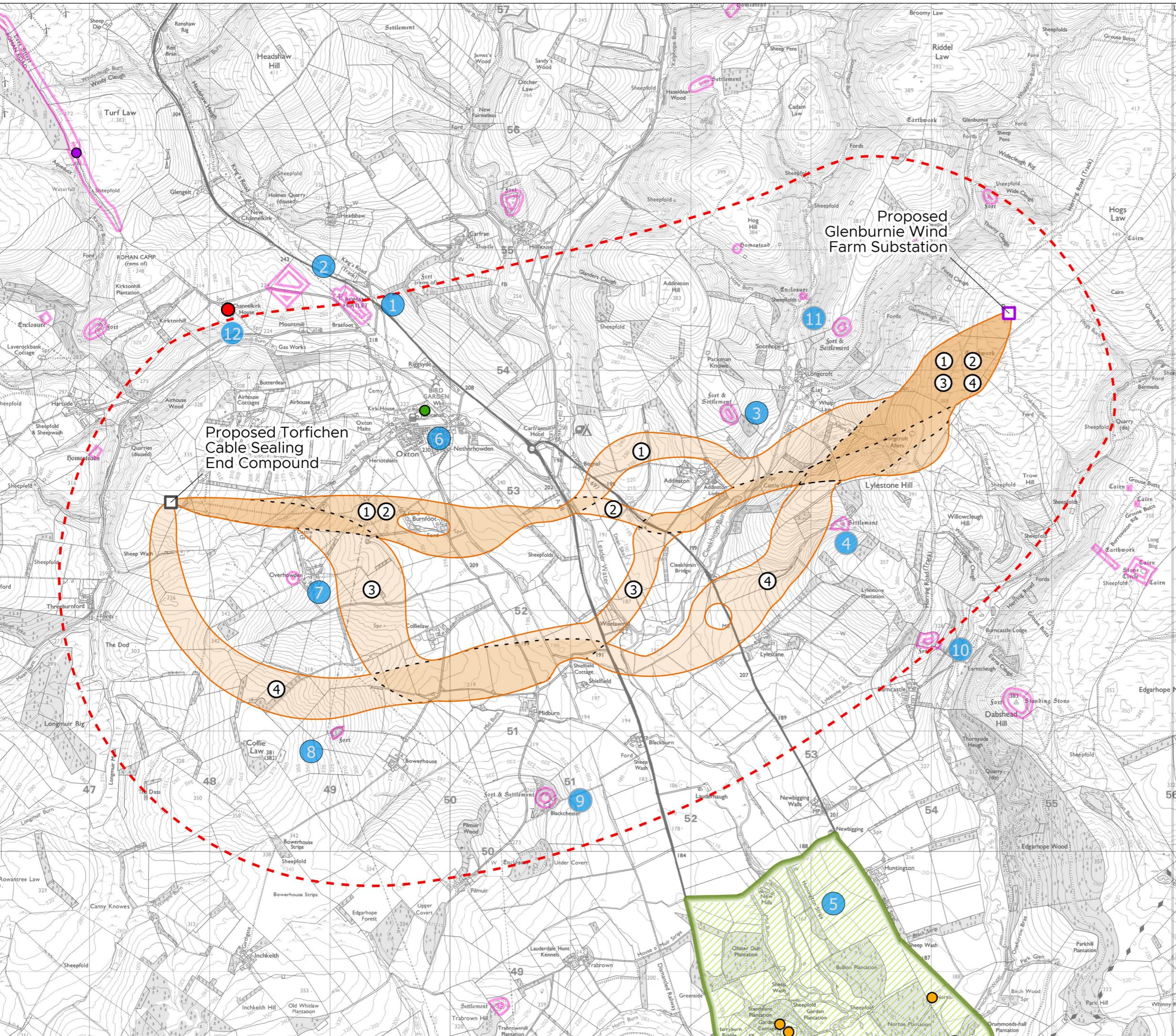


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Figure 6 - Archaeology and Cultural Heritage

Key:

- Study Area
- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound
- Route Options 1-4
- CULTURAL HERITAGE
- Listed Building (LB)
- Category A
- Category B
- Category C
- Conservation Area
- Scheduled Monument (SM)
- Gardens and Designed Landscapes (GDL)
- Properties in Care

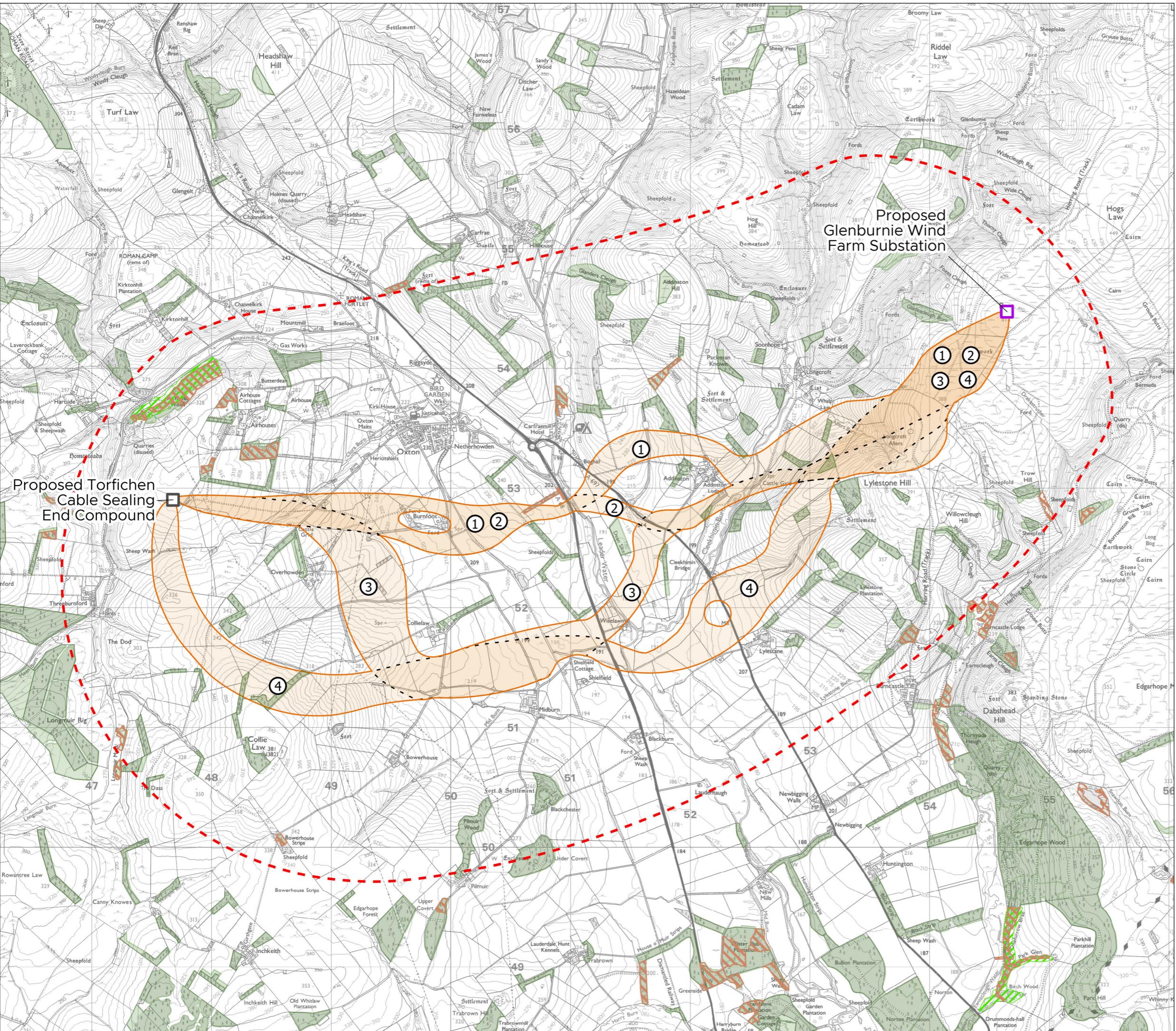


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Figure 7 - Trees and Woodland



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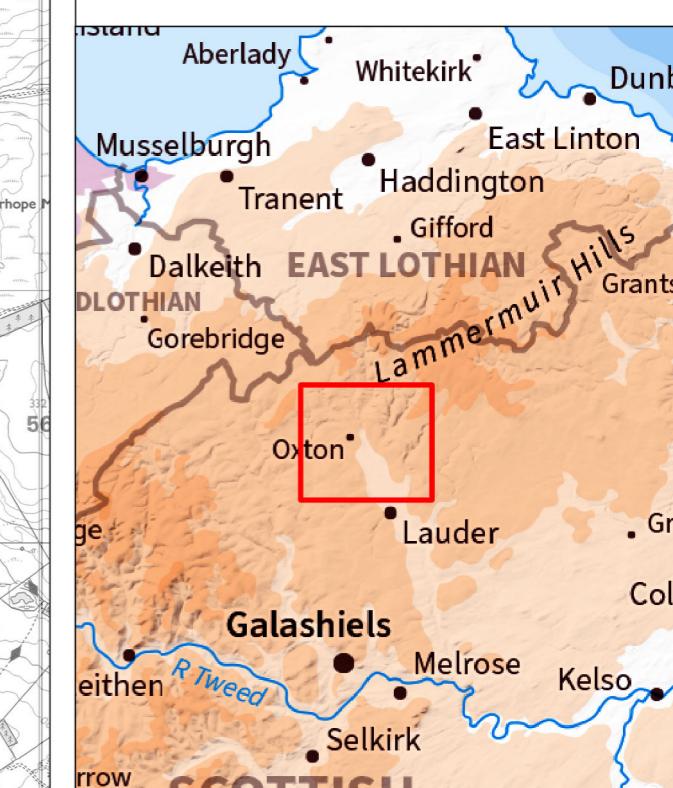
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## Figure 8 - Visual Receptors

Key:

-  Study Area
-  Proposed Glenburnie Wind Farm Substation
-  Proposed Torfichen Cable Sealing End Compound
-  Route Options 1-4
-  Residential Property
-  Residential Property 150m Buffer



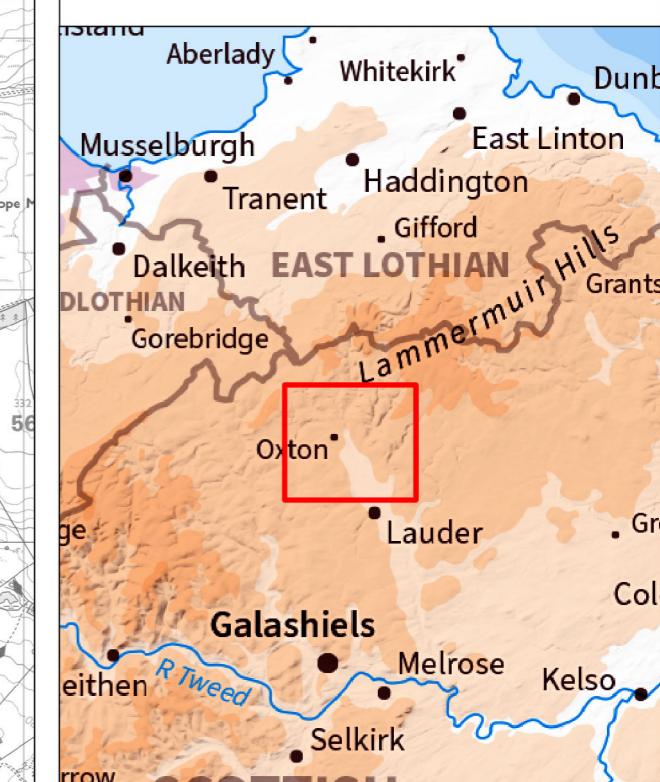
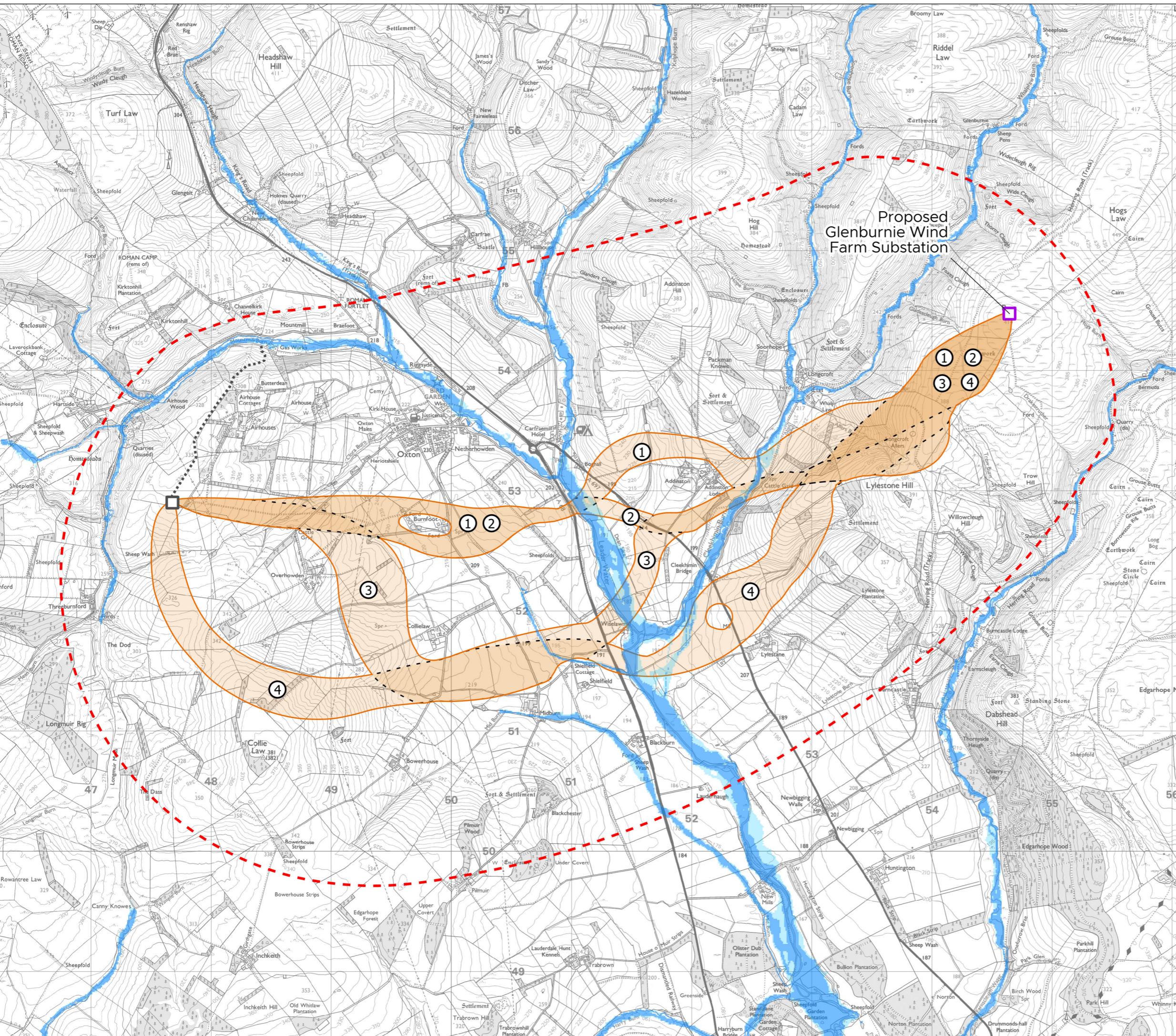
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Figure 9a - Flood Risk – Rivers

Key:

- Study Area
- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound
- Route Options 1-4
- SEPA River Flooding Risk
  - High Likelihood - Each year this area has a 10% chance of flooding
  - Medium Likelihood - Each year this area has a 0.5% chance of flooding

Proposed  
Glenburnie Wind  
Farm Substation



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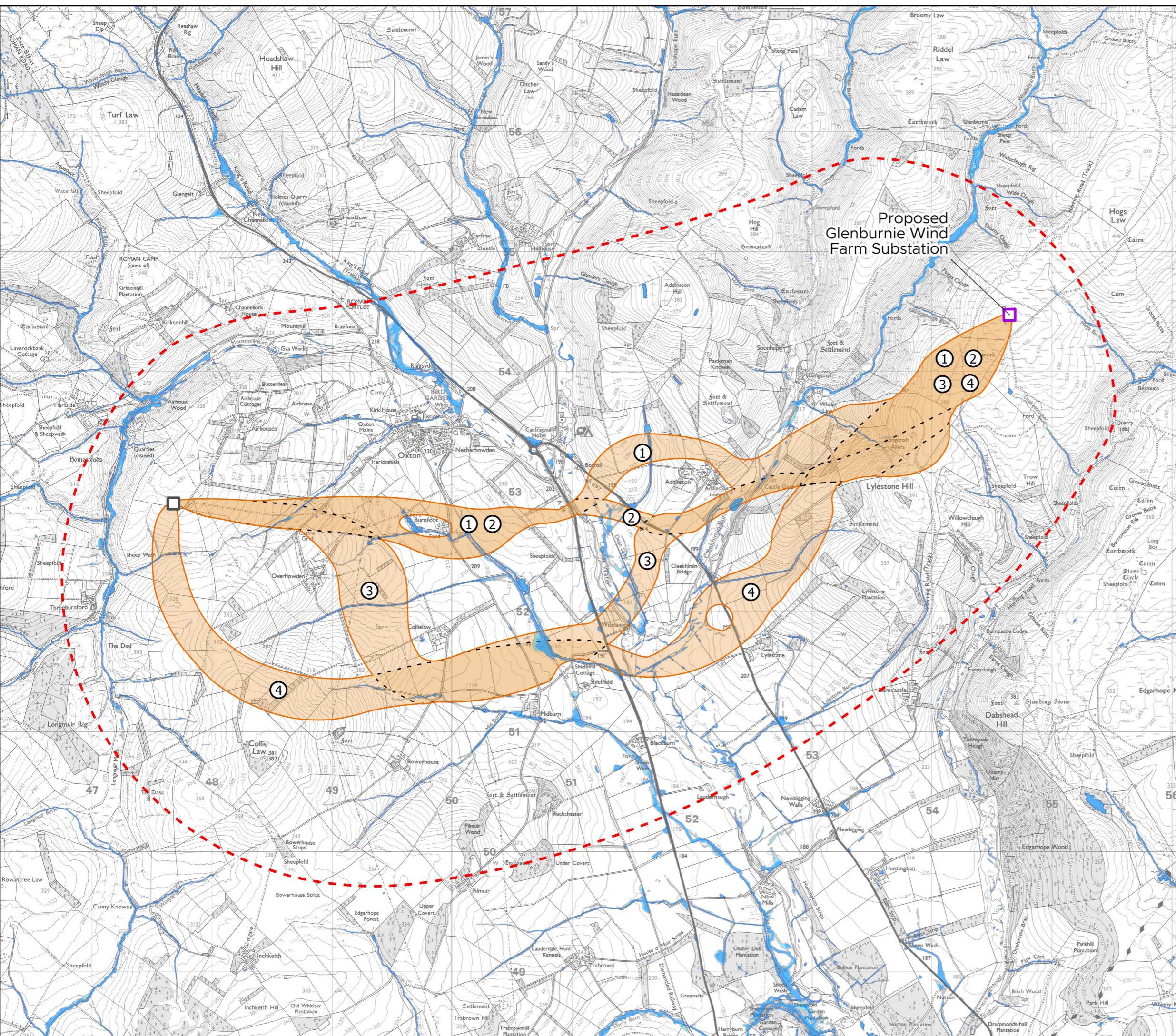
Figure 9b - Flood Risk - Surface Water and Small Watercourses

### Key

- Study Area (Red dashed line)
- Proposed Glenburnie Wind Farm Substation (Purple square)
- Proposed Torfichen Cable Sealing End Compound (Black square)

Route Options 1-4  
SEPA Flood Risk - Surface Water and Small Watercourses

- High Likelihood - Each year this area has a 10% chance of flooding
- Medium Likelihood - Each year this area has a 0.5% chance of flooding



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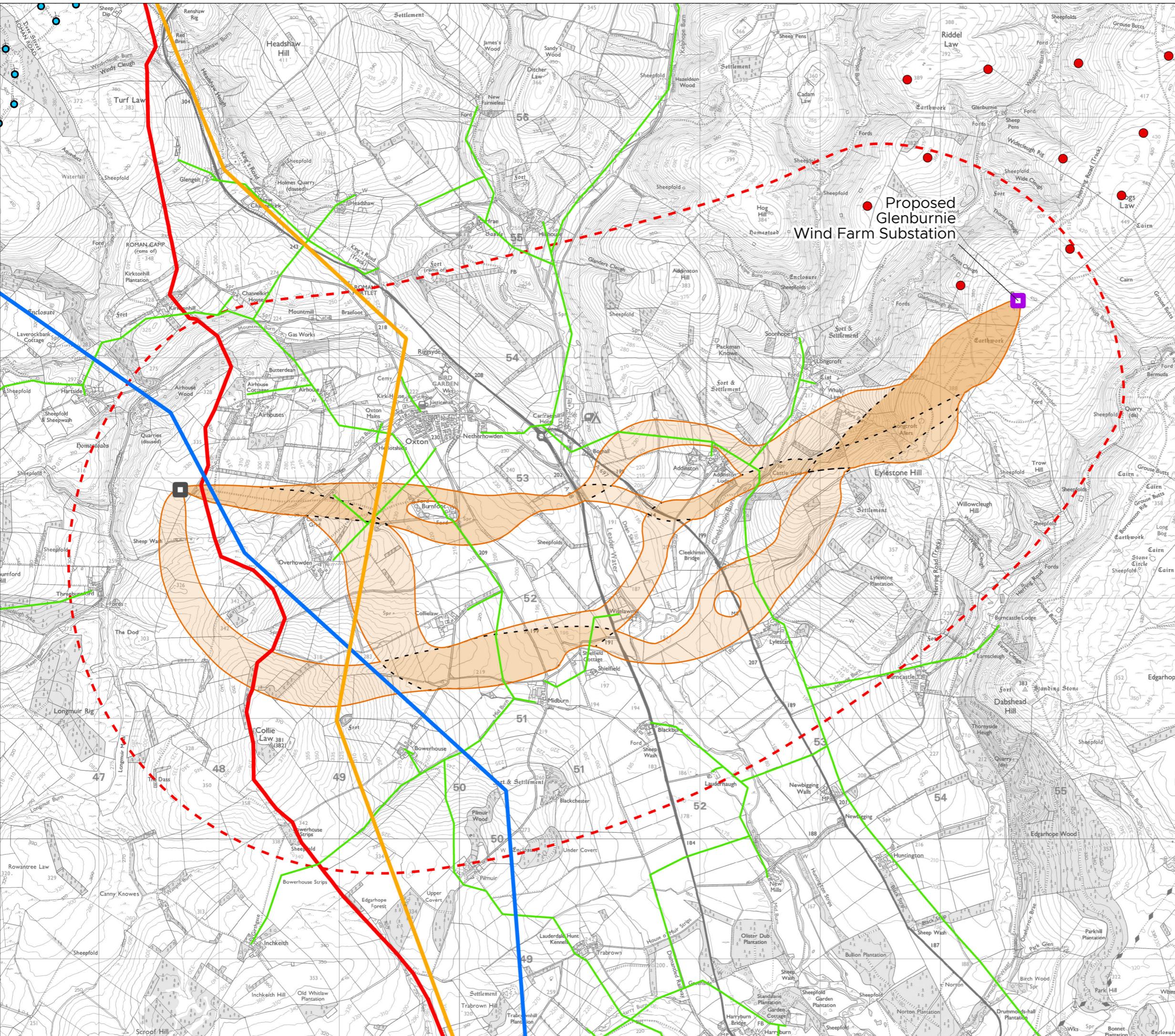
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Figure 10 - Land Use

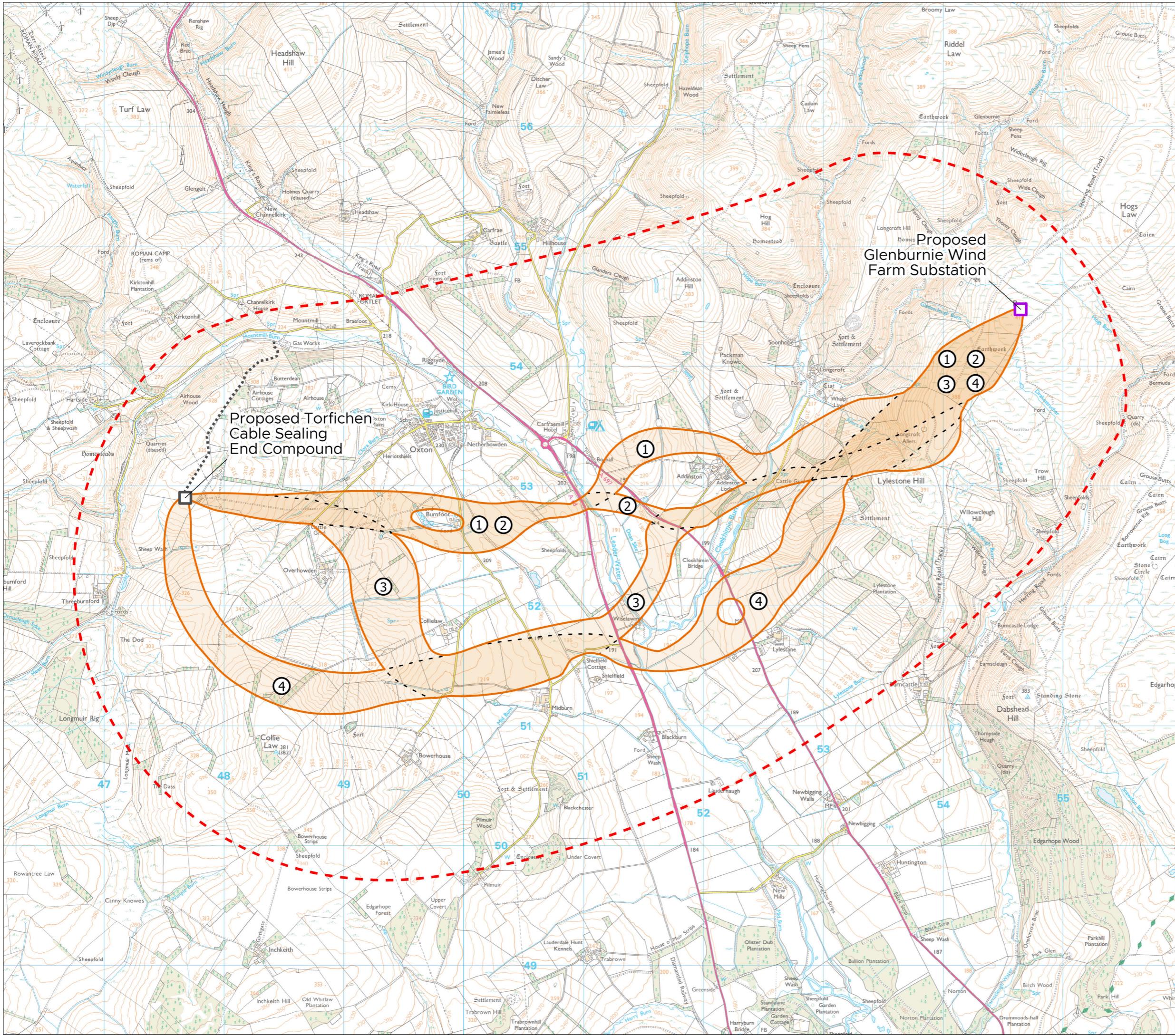
Key:

- Study Area
- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound
- Route Options 1- 4
- Proposed Turbines
- Existing Wind Turbines (OSM)
- Existing 400 kV OHL ('ZA' Route)
- Existing 132 kV OHL ('P' Route)
- Existing 33 kV OHL
- Existing Low-Voltage OHL



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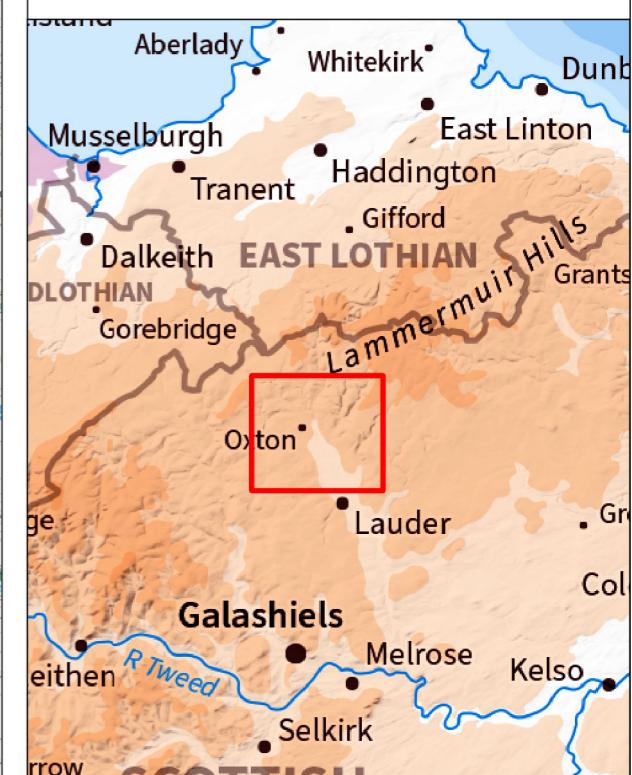


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### Figure 11a - Route Options Combined

Key:

-  Study Area
-  Proposed Glenburnie Wind Farm Substation
-  Proposed Torfichen Cable Sealing End Compound
-  Route Options 1- 4

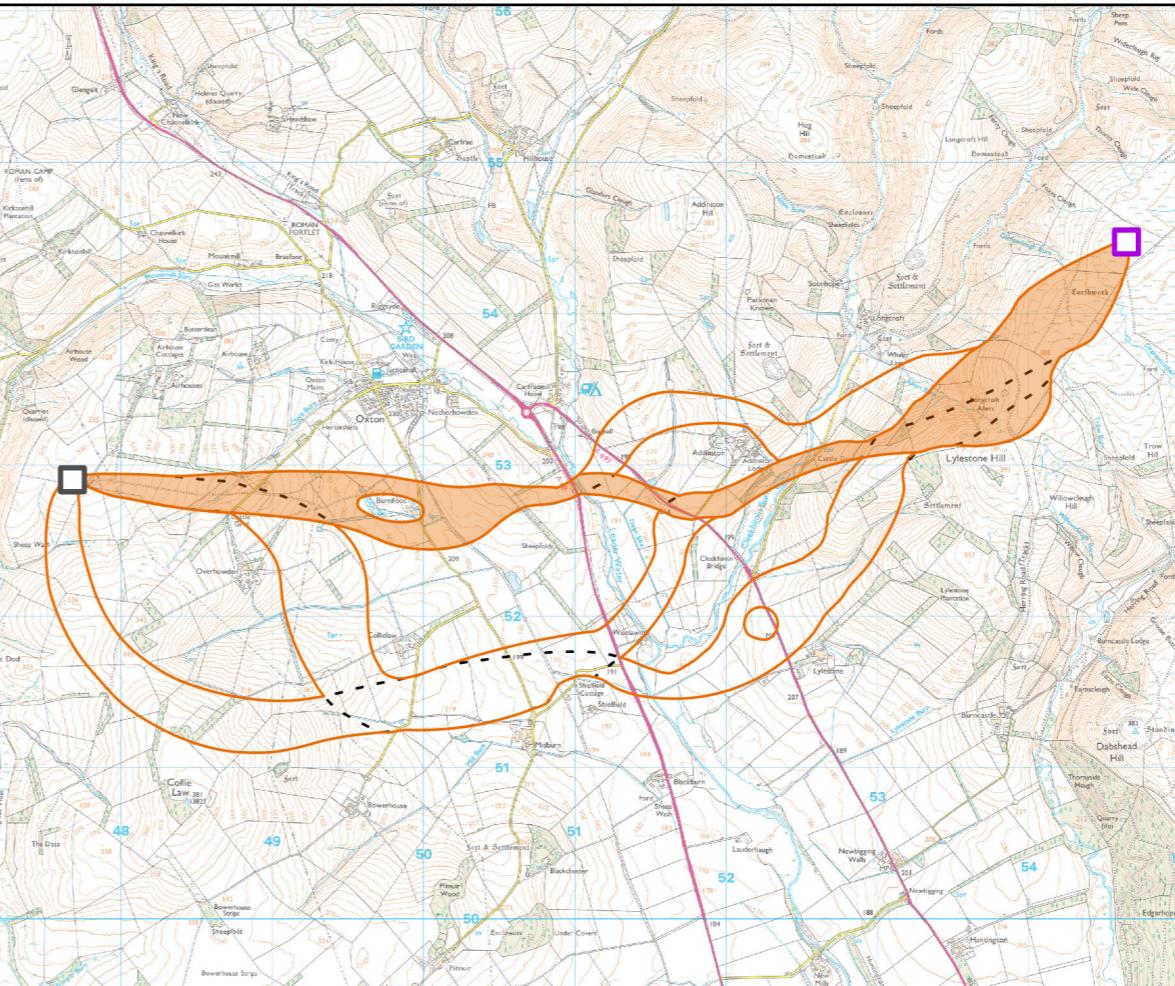
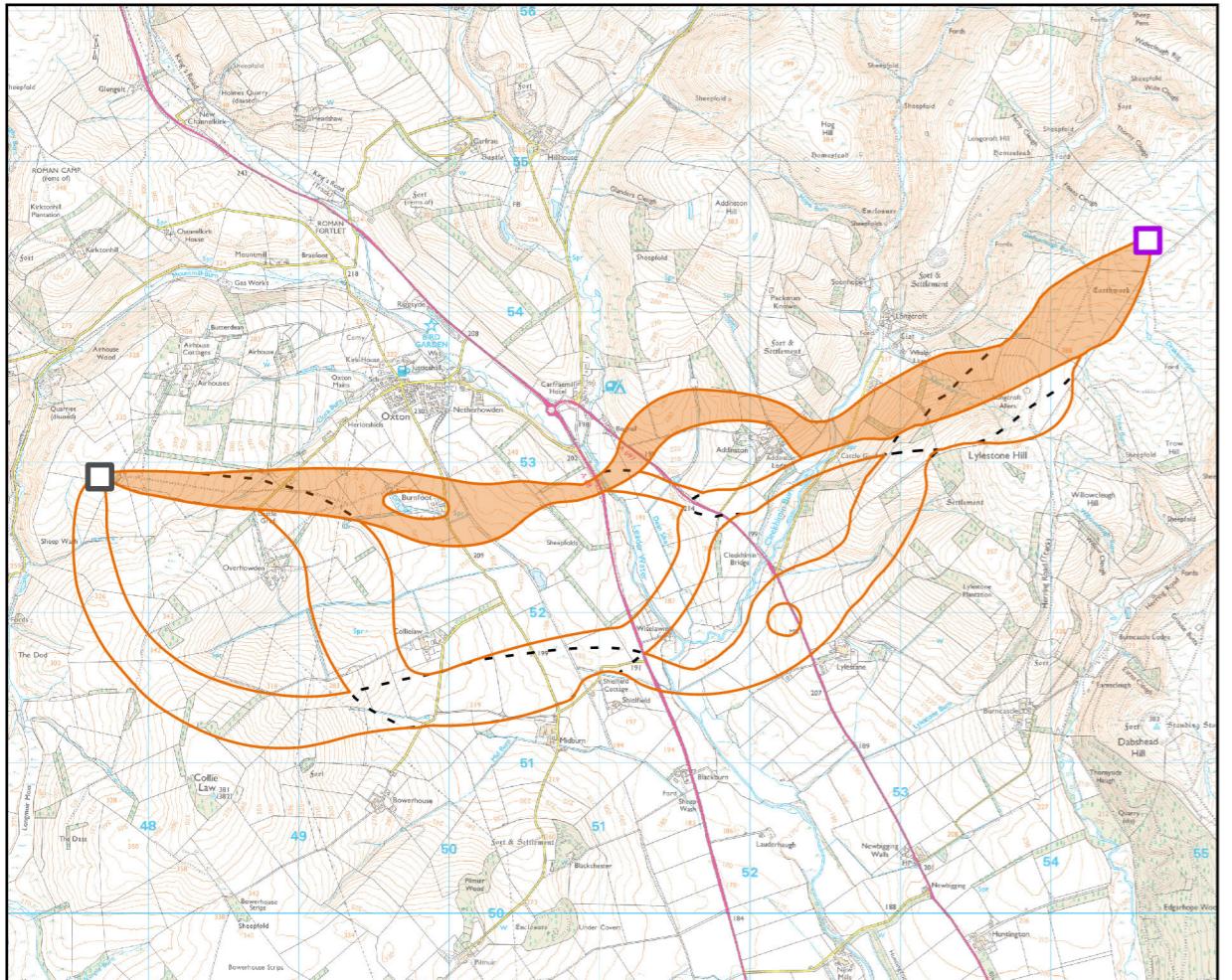


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Figure 11b- Route Options Individual

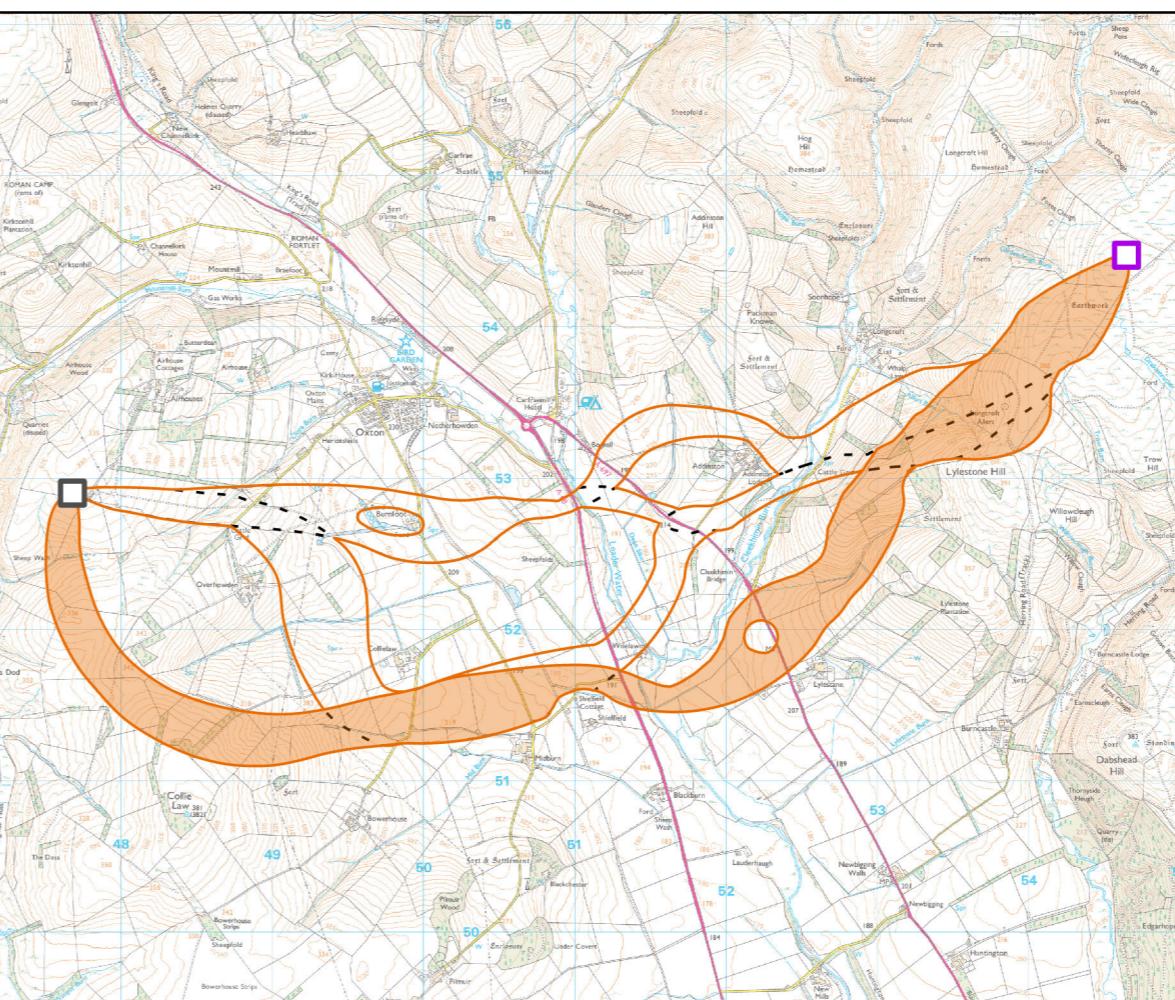
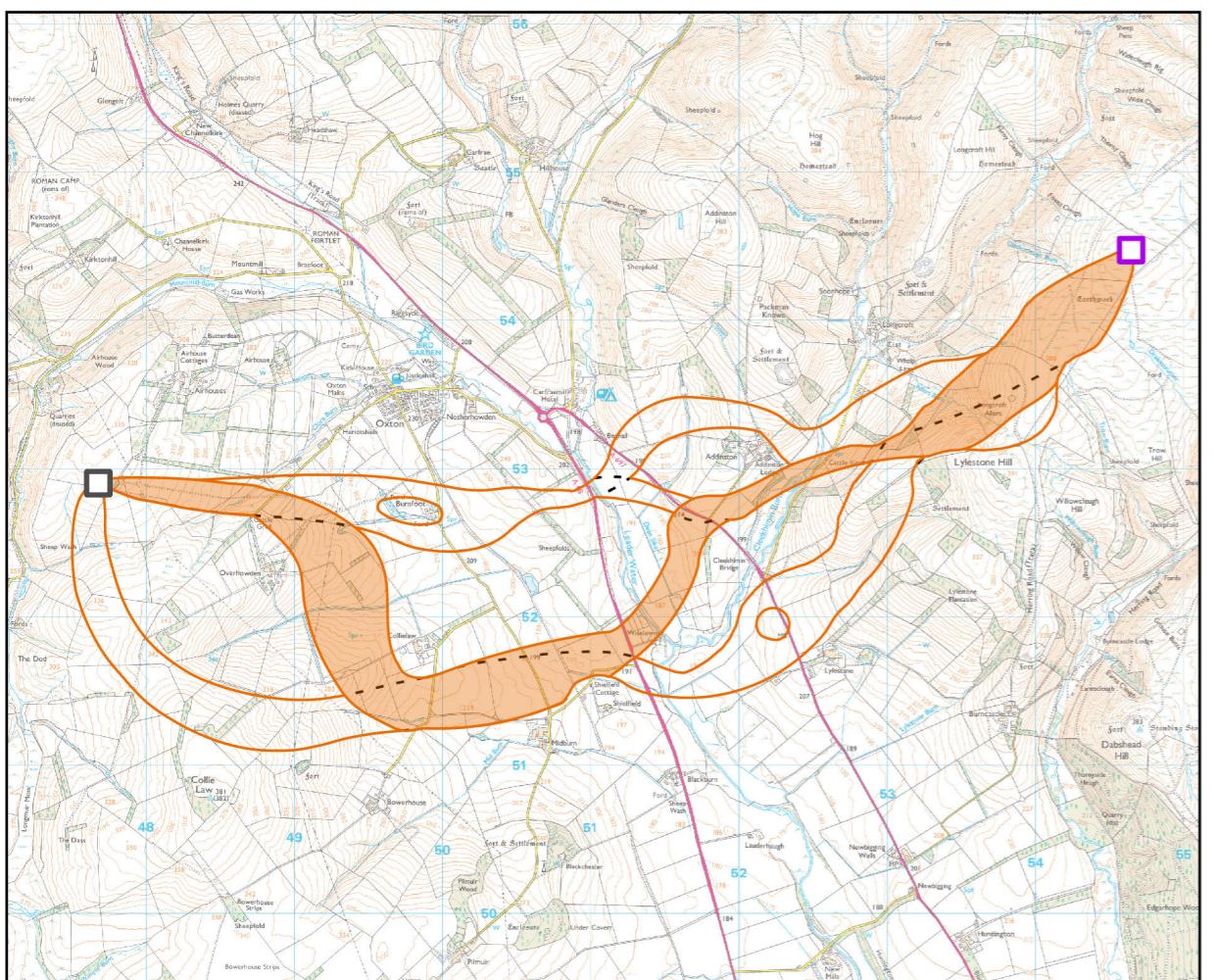
Key

- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound
- Route Options



Route Option 1

Route Option 2



Route Option 3

Route Option 4

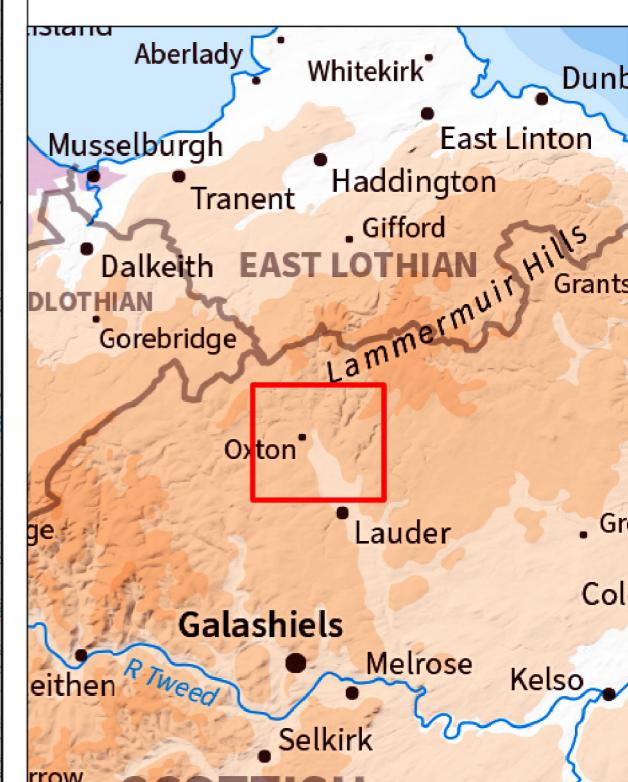
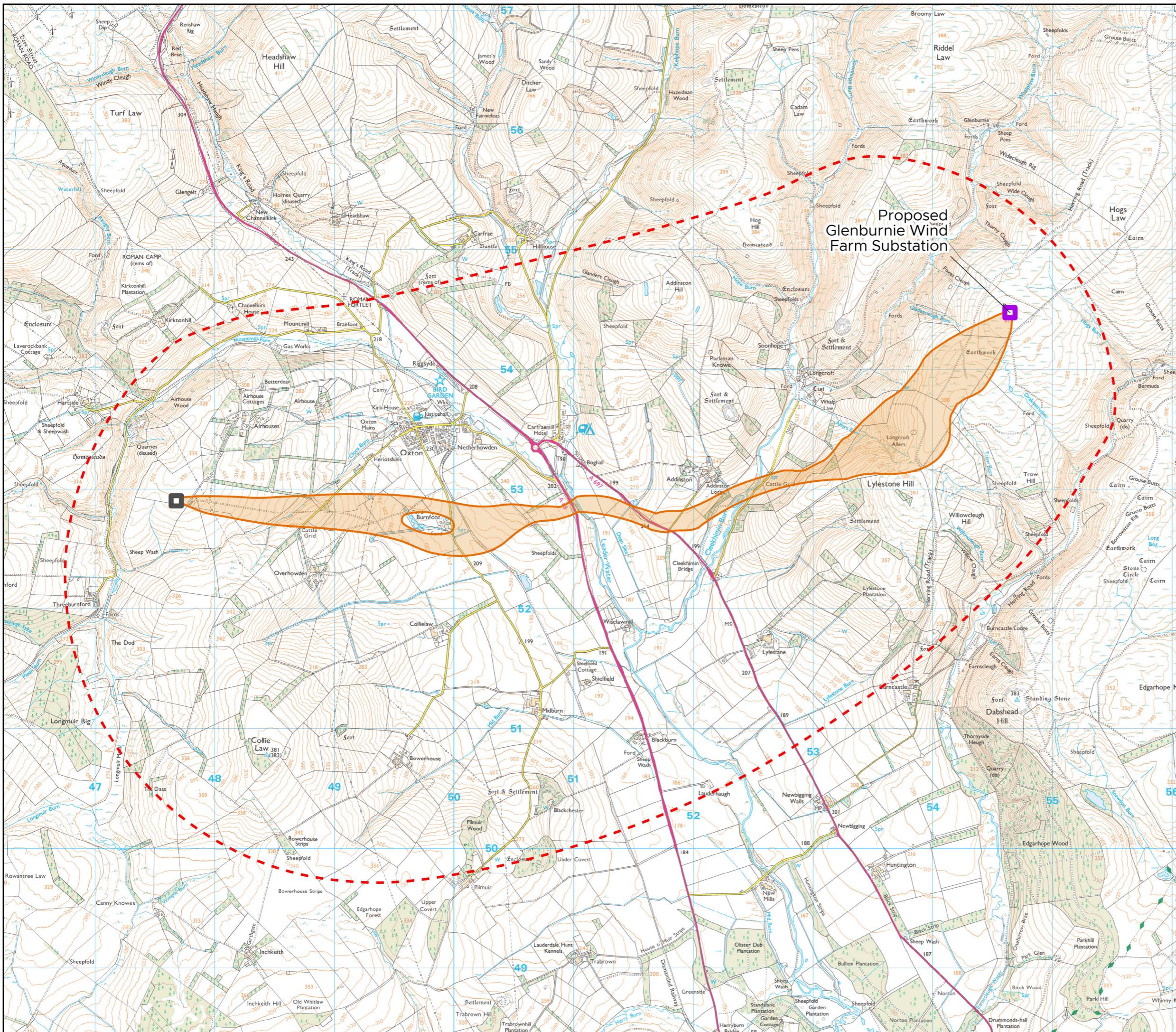


## Longcroft Wind Farm Grid Connection Project

Figure 12 - Preferred Route Option

Key

- Study Area
- Proposed Glenburnie Wind Farm Substation
- Proposed Torfichen Cable Sealing End Compound
- Route Option 2



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