

- Legend**
- Corridor
 - Indicative Loch Fearn PSH Substation
 - Proposed Loch Lundy Substation

- Western Route Options**
- Route Option 1a
 - Route Option 1b
 - Route Option 1c

- Eastern Route Options**
- Route Option 2a
 - Route Option 2b
 - Route Option 2c

N

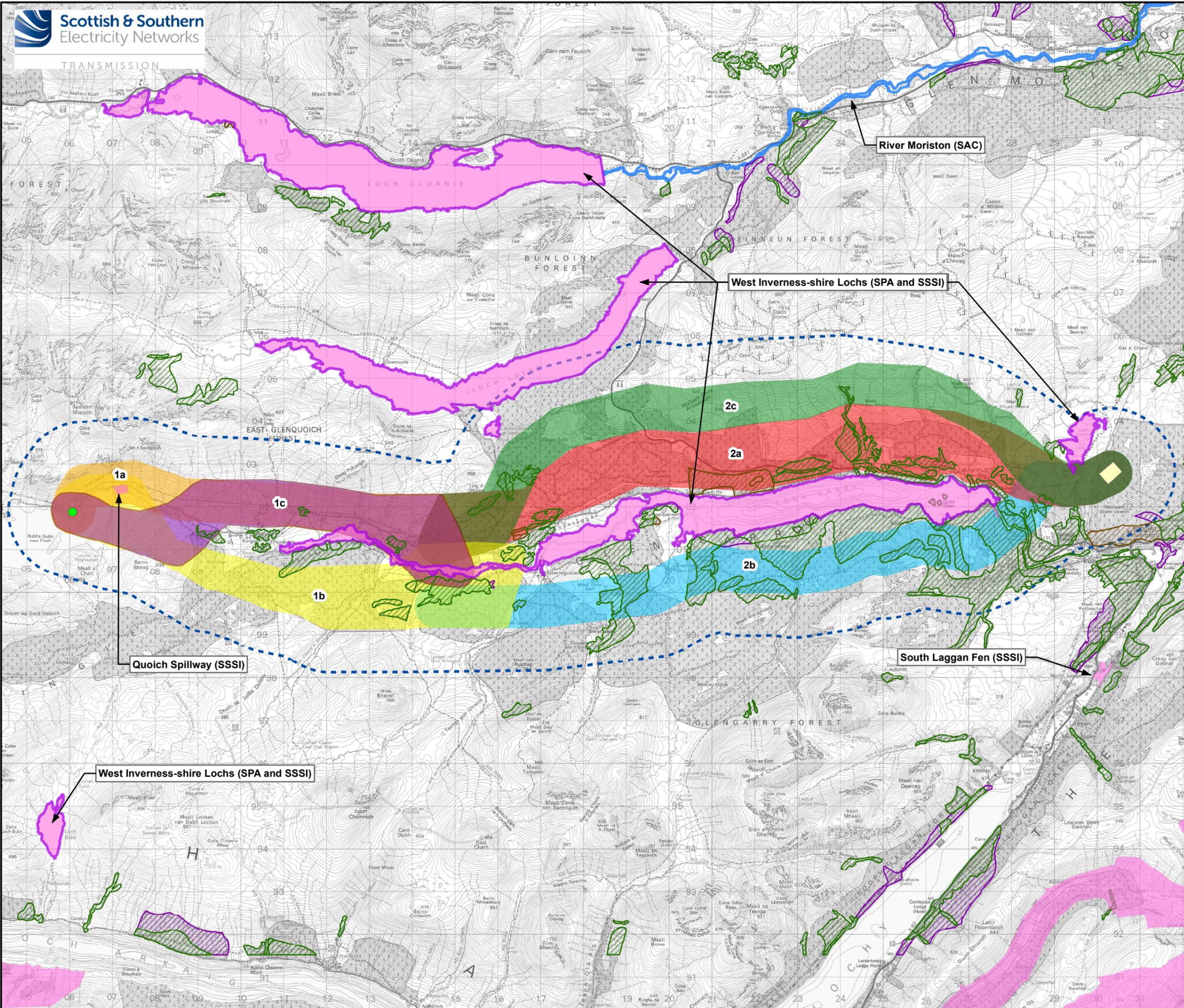
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Project: LT000506-507 - Fearna PSH Grid Connection: Consultation Document

Title: Figure 1 - Route Options

Drawn by: M.T. Date: 29/04/2025
 Drawing: 123020 -D1-CD-1.0.0



Legend

- Corridor
- Indicative Loch Fearnha PSH
- Proposed Loch Lundie Substation

Western Route Options

- Route Option 1a
- Route Option 1b
- Route Option 1c

Eastern Route Options

- Route Option 2a
- Route Option 2b
- Route Option 2c

Designations - Natural Heritage

- Special Area of Conservation (SAC)
- Special Protected Area (SPA)
- Site of Special Scientific Interest (SSSI)

Ancient Woodland Inventory (AWI)

- Ancient (of semi-natural origin)
- Long-Established (of plantation origin) (LEPO)
- Other (on Roy map)

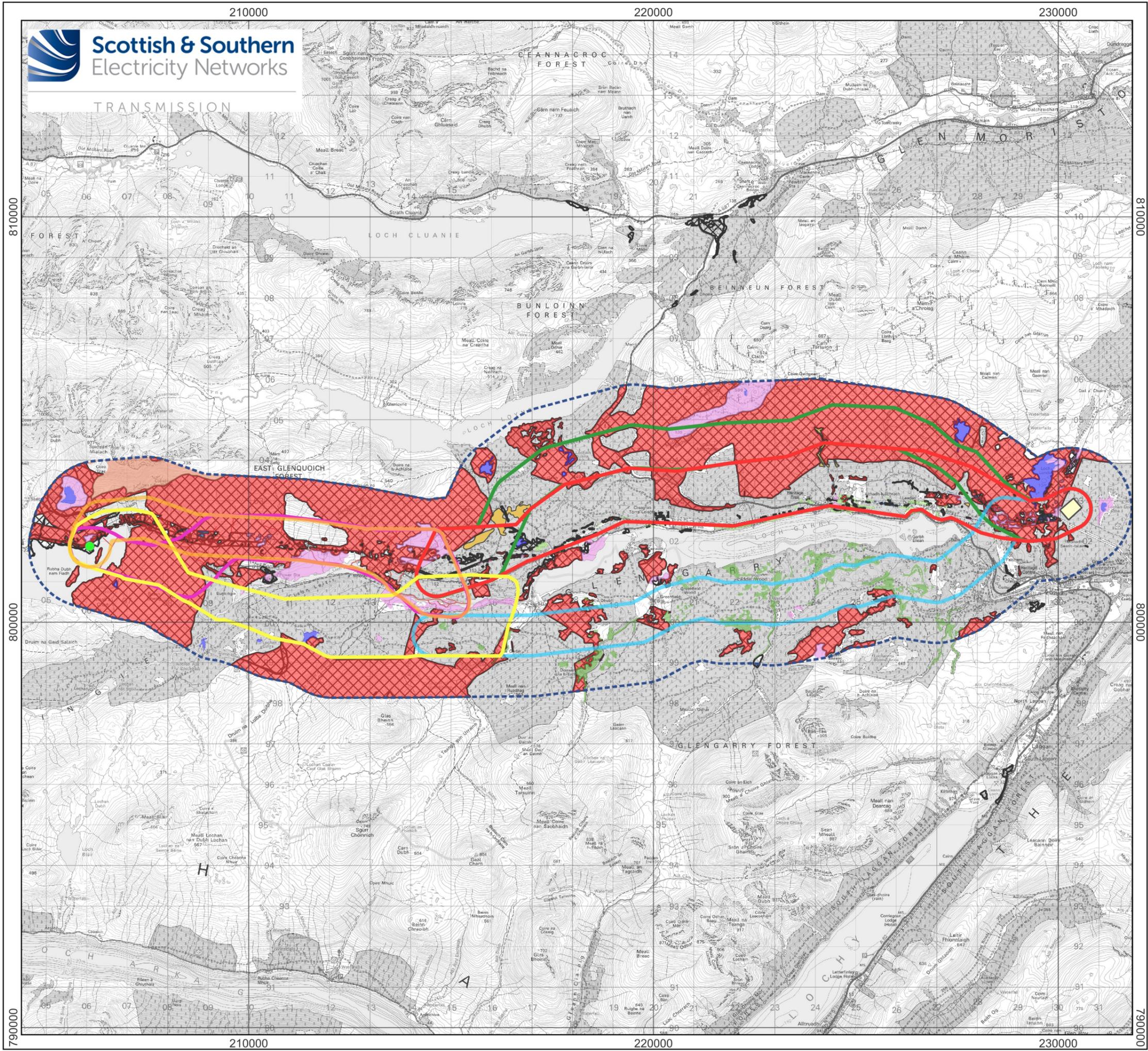
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Scale - 1:85,000 @ A3

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Title: Figure 2 - Designations - Natural Heritage

Drawn by: M.T. Date: 01/05/2025
Drawing: 123020-D2-CD-1.0.0



Legend

- Corridor
- Indicative Loch Fearnha PSH Substation
- Proposed Loch Lundie Substation

Western Route Options

- Route Option 1a
- Route Option 1b
- Route Option 1c

Eastern Route Options

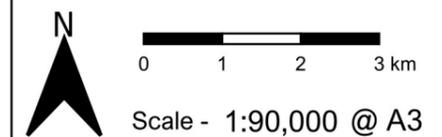
- Route Option 2a
- Route Option 2b
- Route Option 2c

Annex 1 Habitats

- 4030 European Dry Heath (UKHab Code: h1b5)
- 4010 Northern Atlantic Wet Heaths with Erica tetralix (UKHab Code: h1b6)
- 4060 Alpine and Boreal Heaths (UKHab Code: h1c5)
- 7130 Blanket Bog (UKHab Code: f1a5)
- 91A0 Old Sessile Oak Woods with Ilex and Blechnum (UKHab Code: w1a5)
- 91C0 Caledonian Forest (UKHab code: w2a5)
- Potential Annex 1 Freshwater Habitats

Potential GWDTE Habitats

- Moderately to Highly Groundwater Dependent
- Moderately Groundwater Dependent



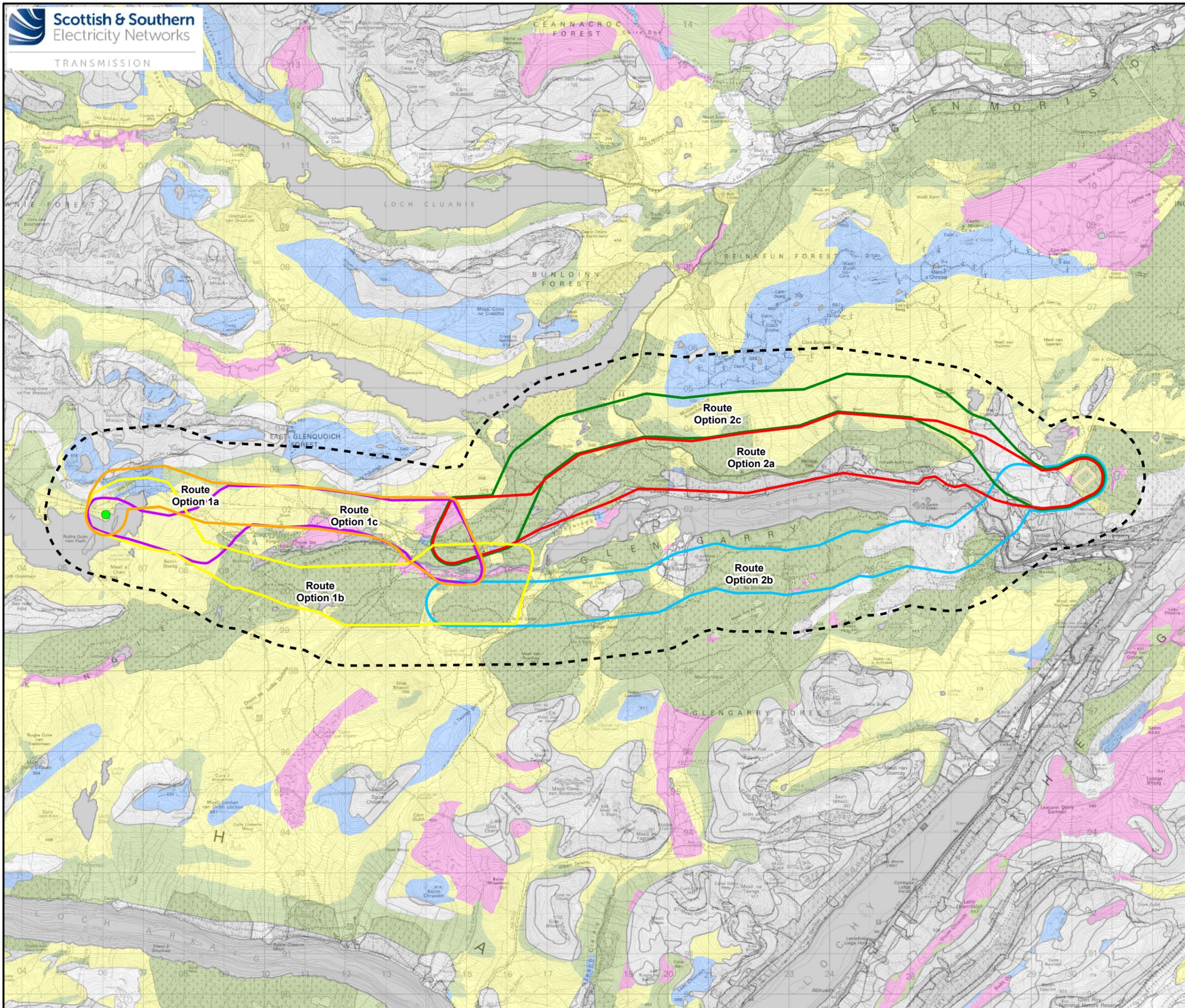
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Title: Figure 3 - Annex I and GWDTE Habitats

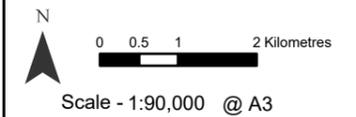
Drawn by: SD Date: 02/05/2025

Drawing: 379096-GIS001_R5



Legend

- Indicative Loch Fearn PSH Substation
- Proposed Loch Lundie Substation Platform
- Corridor
- Western Route Option**
 - Route Option 1a
 - Route Option 1b
 - Route Option 1c
- Eastern Route Option**
 - Route Option 2a
 - Route Option 2b
 - Route Option 2c
- Carbon and Peatland 2016 Classification**
 - CLASS 1 All Vegetation Cover is Priority Peatland Habitats. All Soils are Carbon-rich Soils and Deep Peat
 - CLASS 2 The Vegetation Cover is Dominated by Priority Peatland Habitats. All Soils are Carbon-rich Soil and Deep Peat
 - CLASS 3 Dominant Vegetation Cover is not Priority Peatland Habitat but is Associated with Wet and Acidic Type. Occasional Peatland Habitats can be Found. Most Soils are Carbon-rich Soils, with Some Areas of Deep Peat
 - CLASS 4 Area Unlikely to be Associated with Peatland Habitats or Wet and Acidic Type. Area Unlikely to Include Carbon-rich Soils
 - CLASS 5 Soil Information Takes Precedence Over Vegetation Data. No Peatland Habitat Recorded. May Also Show Bare Soil. All Soils are Carbon-rich Soil and Deep Peat
 - Mineral Soils - Peatland Habitats Are Not Typically Found on Such Soils
 - Non-soil (i.e. Loch, Built up Area, Rock and Scree)

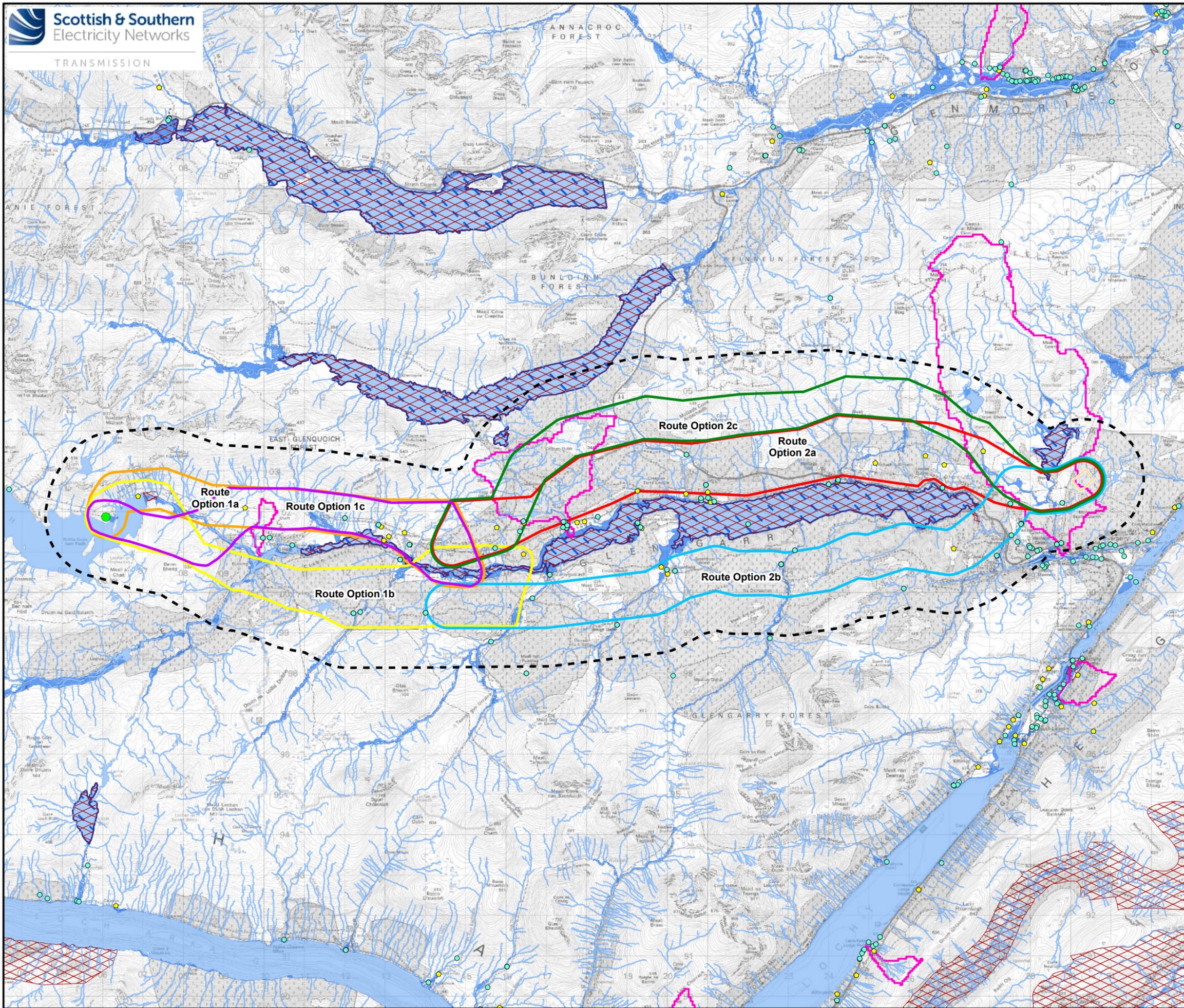


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Project: LT000506-507- Fearn PSH Grid
Connection: Consultation Document

Title: Figure 4 - Peatland Classification

Drawn by: DB Date: 24/02/2025

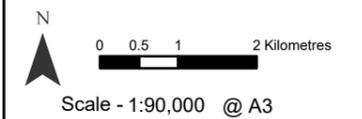


Legend

- Indicative Loch Fearn PSH Substation
- Proposed Loch Lundie Substation Platform
- Corridor
- Western Route Option**
 - Route Option 1a
 - Route Option 1b
 - Route Option 1c
- Eastern Route Option**
 - Route Option 2a
 - Route Option 2b
 - Route Option 2c
- Designations**
 - Site of Special Scientific Interest (SSSI)
 - Special Protection Area (SPA)
- Local Hydrology**
 - Watercourse (OS Openmap Local)
 - Waterbody (OS Open Map Local)
 - Future Risk of Flooding (2080s) from Rivers (1 in 200 Year Event)
 - Drinking Water Protection Area (Surface Catchment)
 - The Highland Council Private Water Supply
 - SEPA CAR Licenced Site

Note

All Routes Lie Entirely within Northern Highlands Groundwater Drinking Water Protection Zone

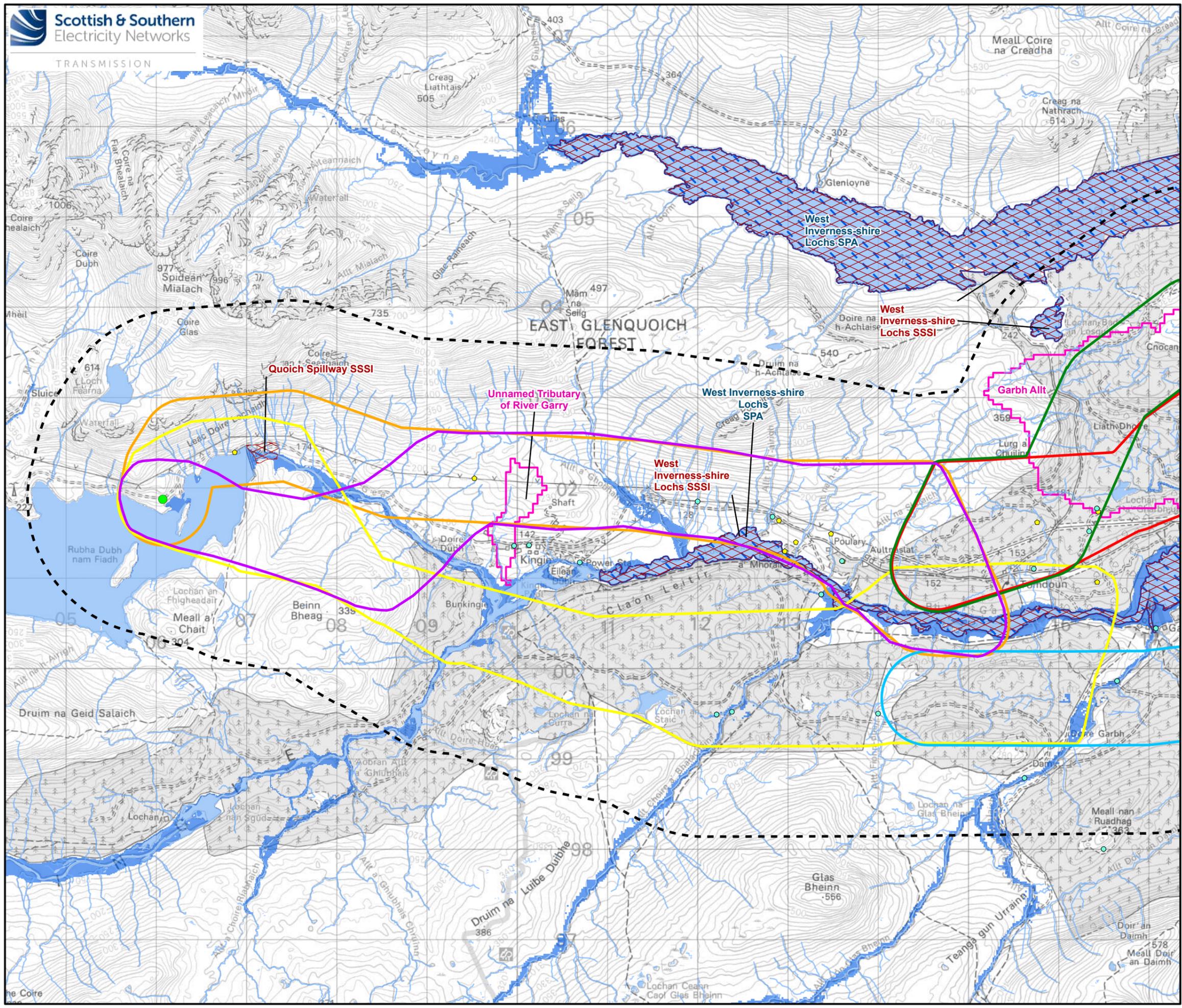


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Project: LT000506-507- Fearn PSH Grid
Connection: Consultation Document

Title: Figure 5.1 - Local Hydrology Overview

Drawn by: QF Date: 24/02/2025



Legend

- Indicative Loch Fearna PSH Substation
- Proposed Loch Lundie Substation Platform
- Corridor
- Western Route Option**
- Route Option 1a
- Route Option 1b
- Route Option 1c
- Eastern Route Option**
- Route Option 2a
- Route Option 2b
- Route Option 2c
- Designations**
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Local Hydrology**
- Watercourse (OS Openmap Local)
- Waterbody (OS Open Map Local)
- Future Risk of Flooding (2080s) from Rivers (1 in 200 Year Event)
- Drinking Water Protection Area (Surface Catchment)
- The Highland Council Private Water Supply
- SEPA CAR Licenced Site

Note

All Routes Lie Entirely within Northern Highlands Groundwater Drinking Water Protection Zone



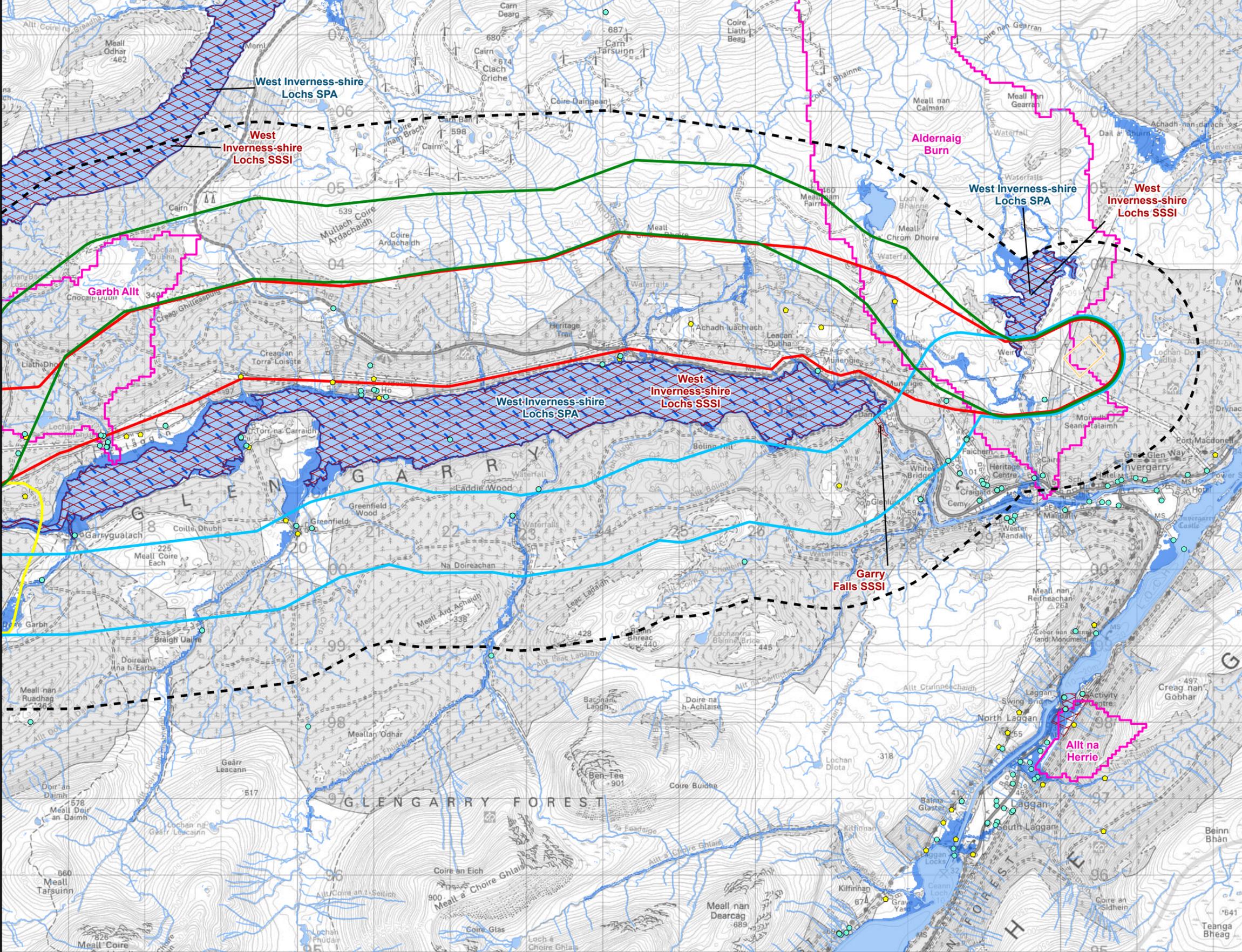
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Project: LT000506-507- Fearna PSH Grid Connection: Consultation Document

Title: Figure 5.2 - Local Hydrology Western Route Options

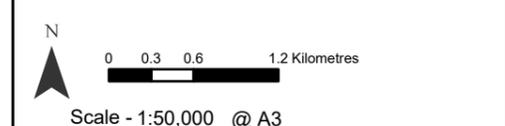
Drawn by: QF Date: 24/02/2025



Legend

- Proposed Loch Lundie Substation Platform
- Corridor
- Western Route Option**
- Route Option 1b
- Eastern Route Option**
- Route Option 2a
- Route Option 2b
- Route Option 2c
- Designations**
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Local Hydrology**
- Watercourse (OS Openmap Local)
- Waterbody (OS Open Map Local)
- Future Risk of Flooding (2080s) from Rivers (1 in 200 Year Event)
- Drinking Water Protection Area (Surface Catchment)
- The Highland Council Private Water Supply
- SEPA CAR Licenced Site

Note
All Routes Lie Entirely within Northern Highlands Groundwater Drinking Water Protection Zone

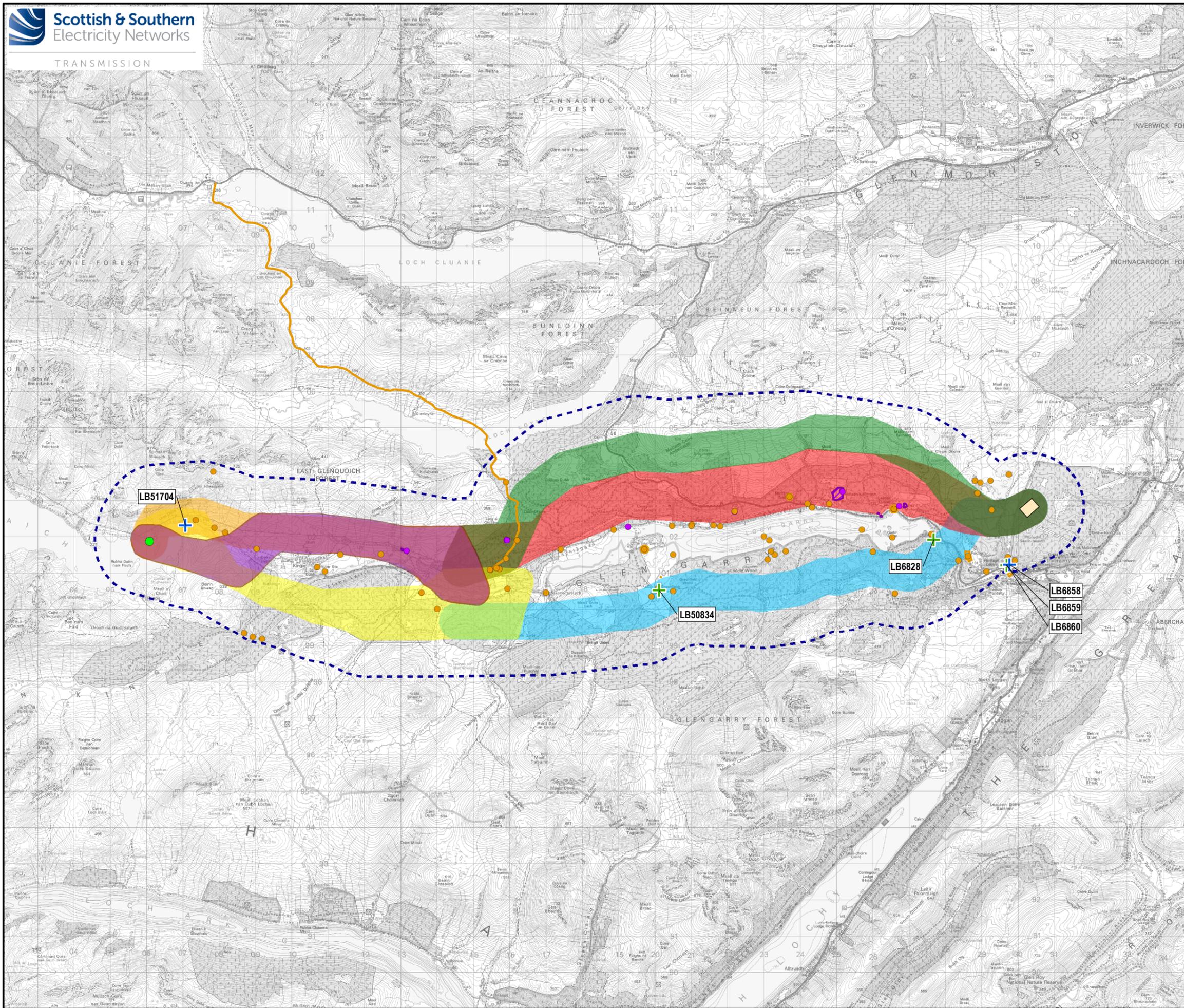


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Project: LT000506-507- Fearna PSH Grid
Connection: Consultation Document

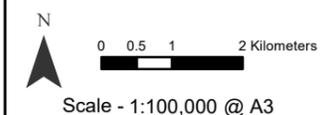
Title: Figure 5.3 - Local Hydrology Eastern Route Options

Drawn by: QF Date: 24/02/2025



Legend

- Corridor
- Indicative Loch Fearn PSH Substation
- Loch Lundie Substation
- Western Route Options**
- Route Option 1a
- Route Option 1b
- Route Option 1c
- Eastern Route Options**
- Route Option 2a
- Route Option 2b
- Route Option 2c
- Archaeological Receptors**
- + Listed Buildings (Category B)
- + Listed Buildings (Category C)
- HER Non-designated Heritage Asset (point)
- HER Non-designated Heritage Asset (linear)
- HER Non-designated Heritage Asset (area)
- Skye Reinforcement Project Survey Site (point)
- Skye Reinforcement Project Survey Site (area)

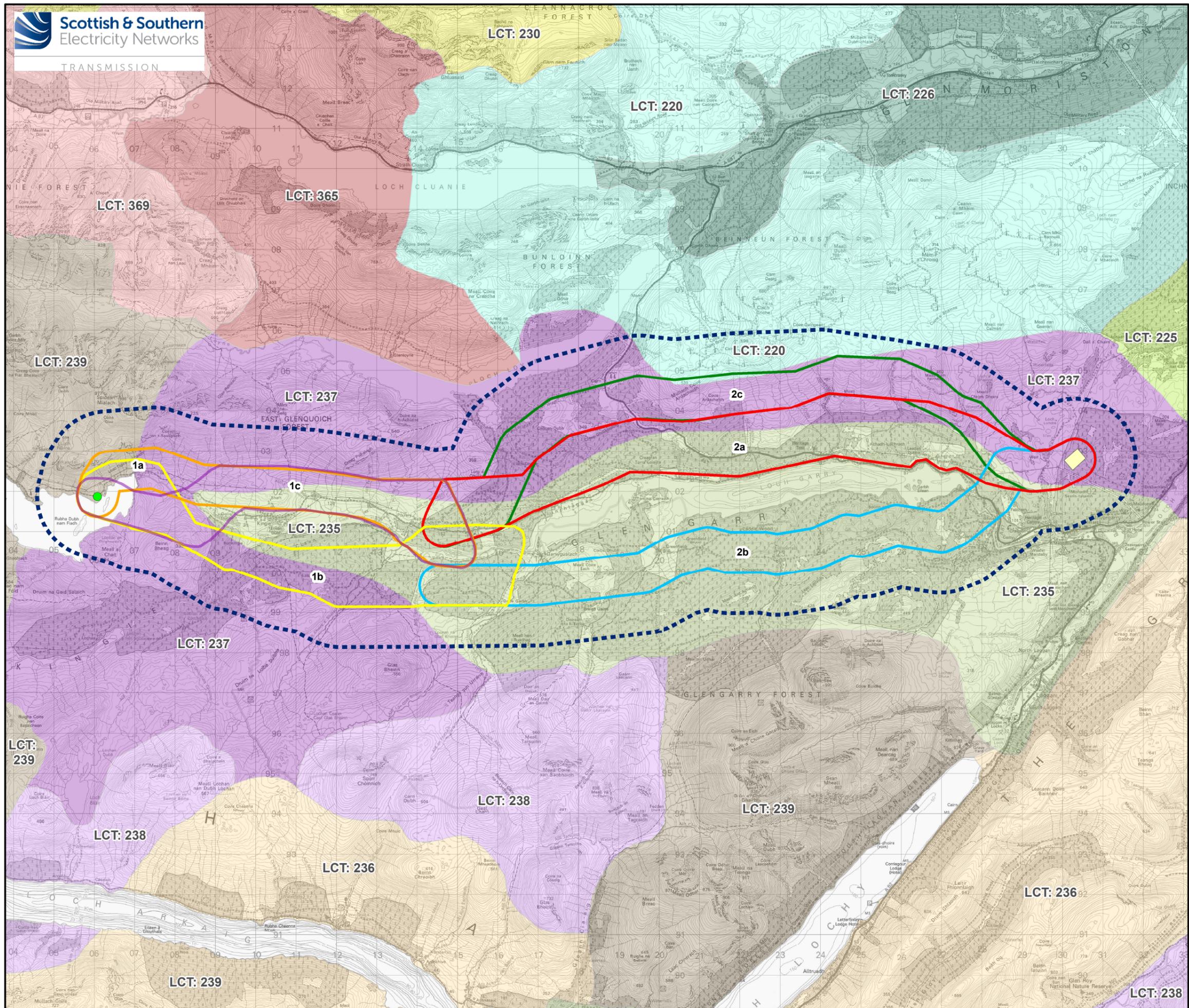


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Project: LT000506-507 - Fearn PSH Grid Connection: Consultation Document

Title: Figure 6 - Cultural Heritage

Drawn by: SB Date: 28/04/2025



- Legend**
- Corridor
 - Indicative Loch Fearn PSH Substation
 - Proposed Loch Lundie Substation
- Western Route Options**
- Route Option 1a
 - Route Option 1b
 - Route Option 1c
- Eastern Route Options**
- Route Option 2a
 - Route Option 2b
 - Route Option 2c
- Landscape Character Type (LCT)**
- LCT 220: Rugged Massif - Inverness
 - LCT 225: Broad Steep-Sided Glen
 - LCT 226: Wooded Glen - Inverness
 - LCT 230: Interlocking Sweeping Peaks - Inverness
 - LCT 235: Broad Forested Strath
 - LCT 236: Smooth Moorland Ridges
 - LCT 237: Rocky Moorland - Lochaber
 - LCT 238: Rugged Massif - Lochaber
 - LCT 239: Interlocking Sweeping Peaks - Lochaber
 - LCT 365: Rugged Massif - Skye & Lochalsh
 - LCT 369: Interlocking Sweeping Peaks - Skye & Lochalsh

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 Scale - 1:90,000 @ A3

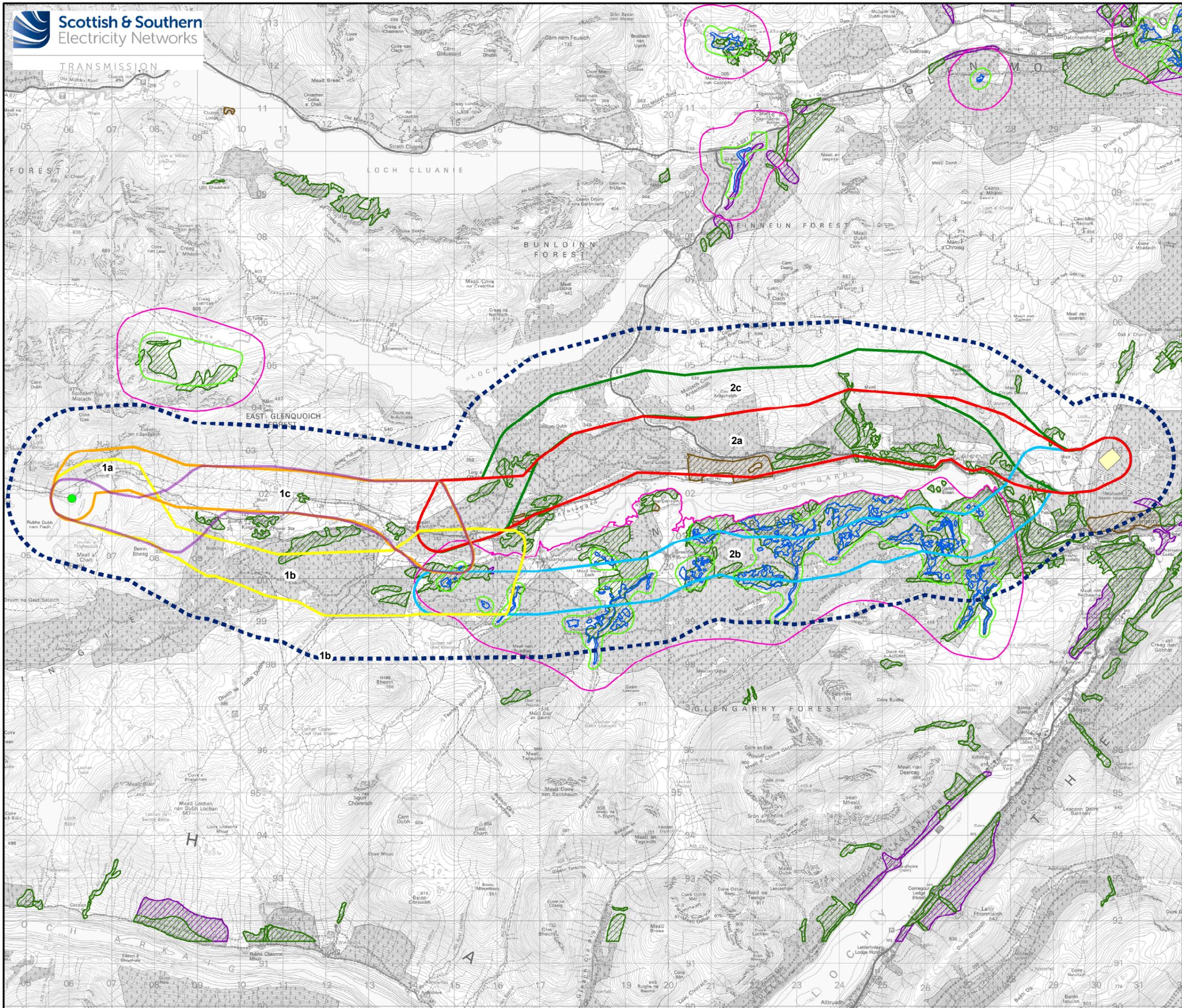
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Project: LT000506-507 - Fearn PSH Grid Connection: Consultation Document

Title: Figure 8 - Landscape Character Types

Drawn by: M.T. Date: 29/04/2025

Drawing: 123020-D8-CD-1.0.0



Legend

-  Corridor
-  Indicative Loch Fearna PSH Substation
-  Proposed Loch Lundie Substation

Western Route Options

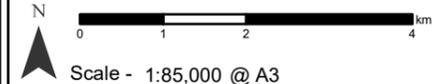
-  Route Option 1a
-  Route Option 1b
-  Route Option 1c

Eastern Route Options

-  Route Option 2a
-  Route Option 2b
-  Route Option 2c

Forestry

- Ancient Woodland Inventory (AWI)**
-  Ancient (of semi-natural origin)
 -  Long-Established (of plantation origin) (LEPO)
 -  Other (on Roy map)
- Caledonian Pinewood**
-  Caledonian Pinewood
 -  Caledonian Pinewood Regeneration Zone
 -  Caledonian Pinewood Buffer Zone



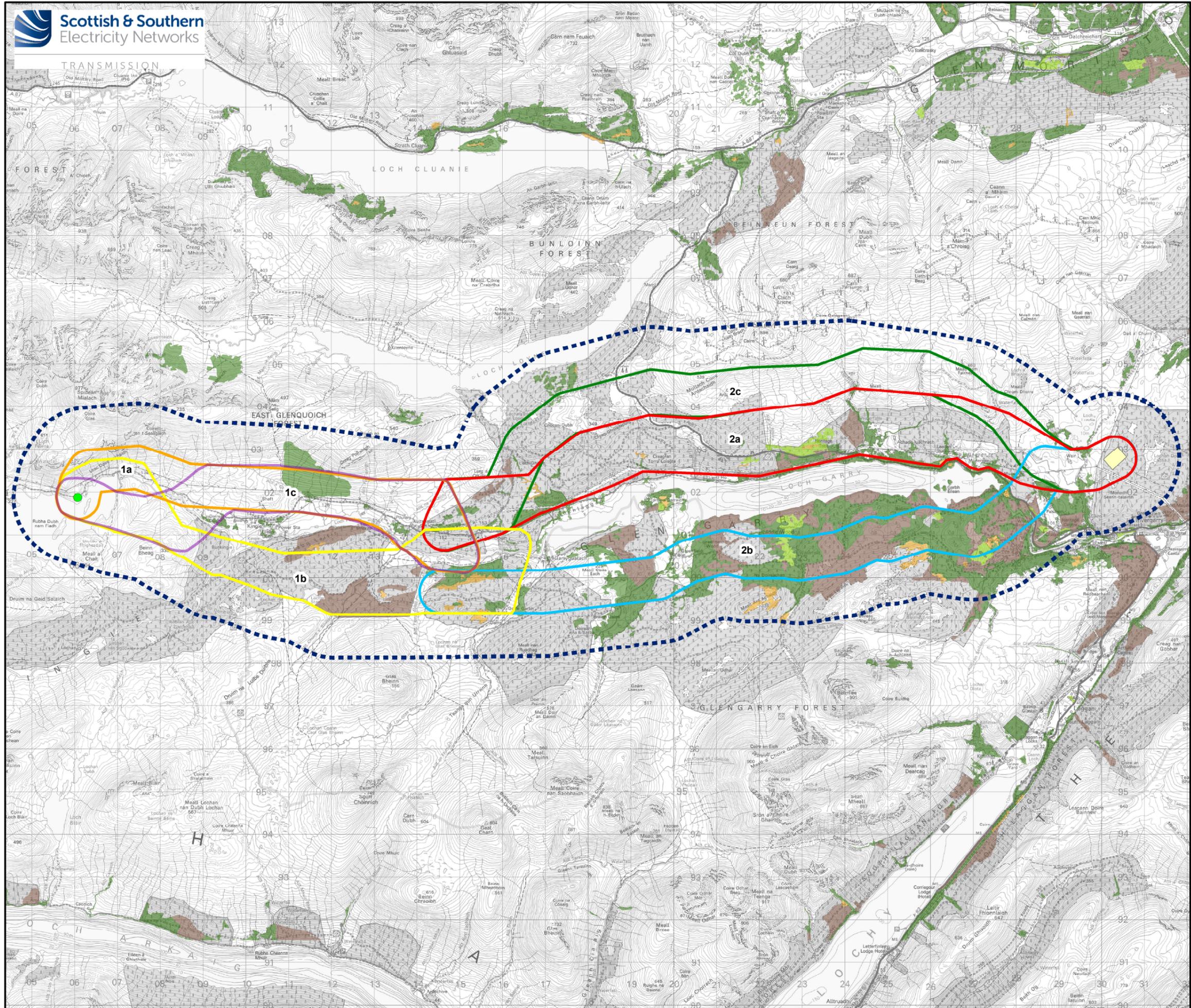
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Title: Figure 9a - Forestry - Ancient Woodland and Caledonian Pinewood

Drawn by: M.T. Date: 29/04/2025

Drawing: 123020-D9a-CD-1.0.0



Legend

- Corridor
- Indicative Loch Fearn PSH Substation
- Proposed Loch Lundie Substation

Western Route Options

- Route Option 1a
- Route Option 1b
- Route Option 1c

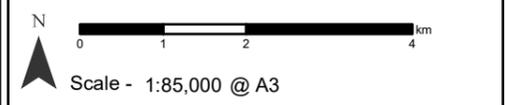
Eastern Route Options

- Route Option 2a
- Route Option 2b
- Route Option 2c

Forestry

Native Woodland Survey of Scotland (NWSS)

- Native woodland
- Nearly-native woodland
- Open land habitat
- Plantations on Ancient Woodland Sites (PAWS)

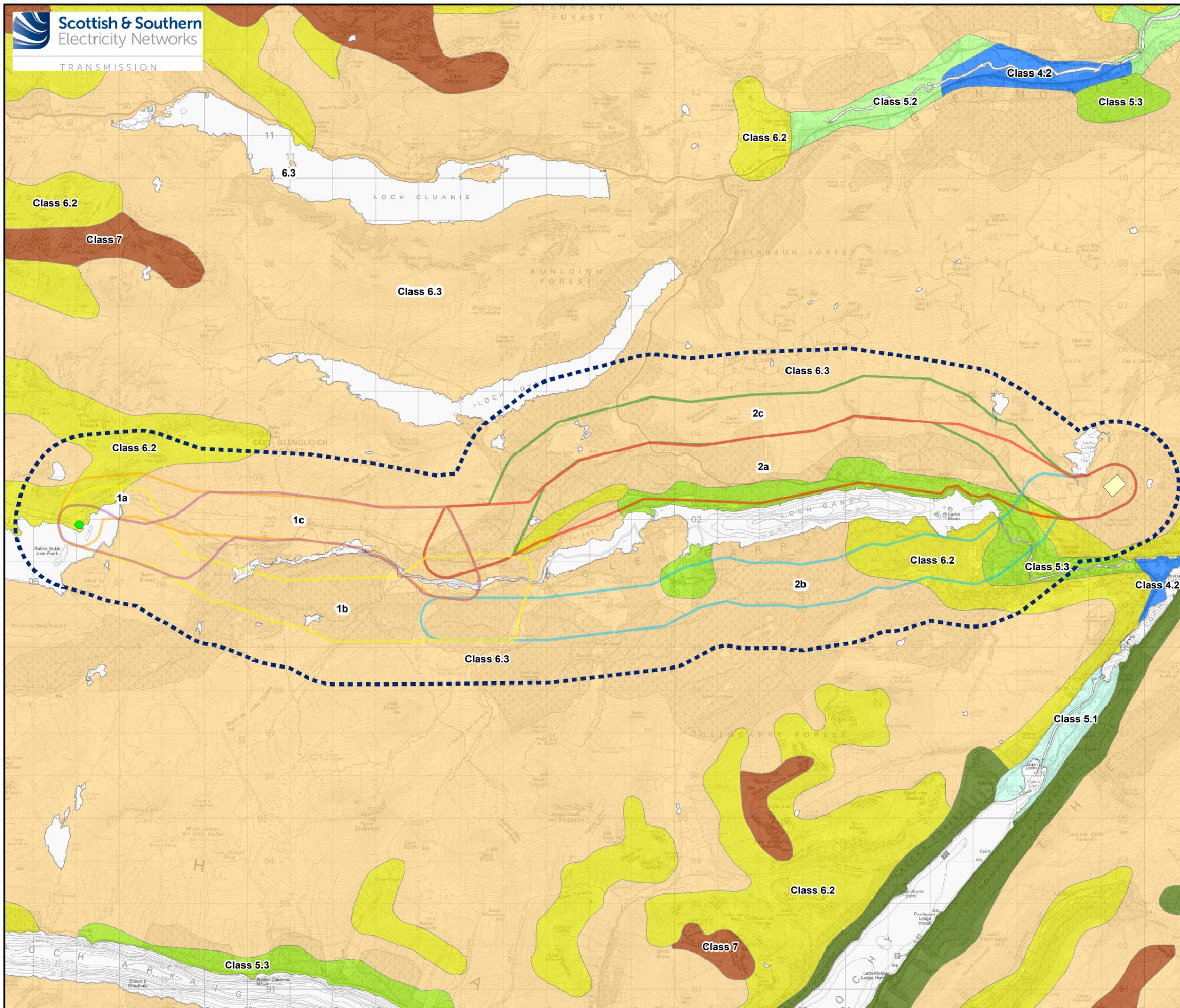


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Project: LT000506-507 - Fearn PSH Grid Connection: Consultation Document

Title: Figure 9b - Forestry - Native Woodland Survey of Scotland

Drawn by: M.T. Date: 29/04/2025
Drawing: 123020-D9b-CD-1.0.0



Legend

- Corridor
- Indicative Loch Fearn PSH Substation
- Proposed Loch Lundie Substation

Western Route Options

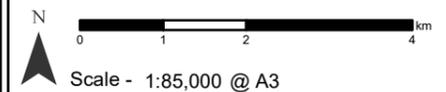
- Route Option 1a
- Route Option 1b
- Route Option 1c

Eastern Route Options

- Route Option 2a
- Route Option 2b
- Route Option 2c

Land Capability for Agriculture (LCA)

- Class 4.2 - Land capable of producing a narrow range of crops, primarily on grassland with short arable breaks of forage crops
- Class 5.1 - Land capable of use as improved grassland. Few problems with pasture establishment and maintenance and potential high yields
- Class 5.2 - Land capable of use as improved grassland. Few problems with pasture establishment but may be difficult to maintain
- Class 5.3 - Land capable of use as improved grassland. Pasture deteriorates quickly
- Class 6.1 - Land capable of use as rough grazings with a high proportion of palatable plants
- Class 6.2 - Land capable of use as rough grazings with moderate quality plants
- Class 6.3 - Land capable of use as rough grazings with low quality plants
- Class 7 - Land of very limited agricultural value



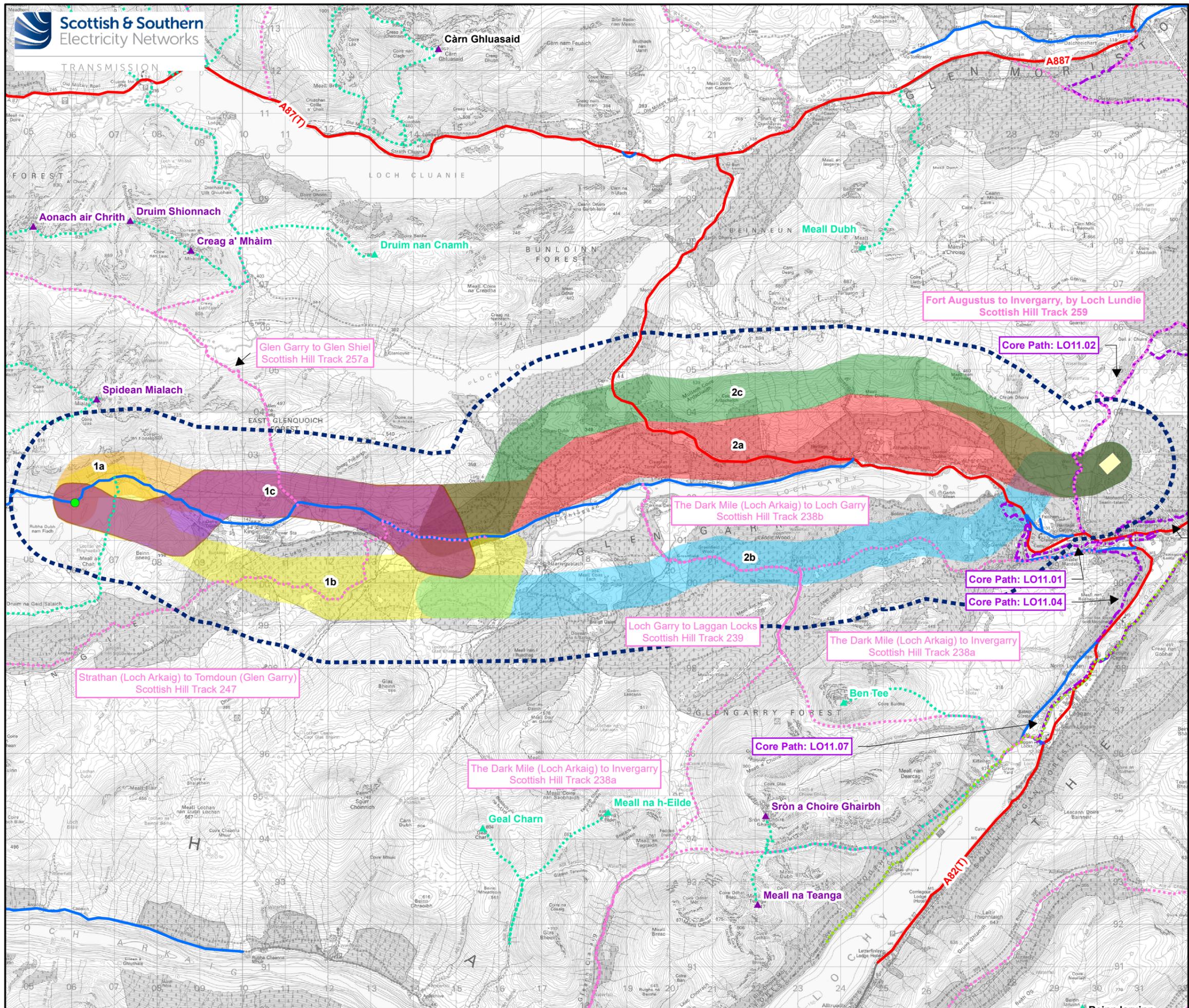
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Title: Figure 10 - Land Use - Agriculture

Drawn by: M.T. Date: 29/04/2025

Drawing: 123020-D10-CD-1.0.0



Legend

- Corridor
- Indicative Loch Farna PSH Substation
- Proposed Loch Lundie Substation

Western Route Options

- Route Option 1a
- Route Option 1b
- Route Option 1c

Eastern Route Options

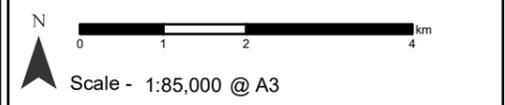
- Route Option 2a
- Route Option 2b
- Route Option 2c

Land Use

- Minor Road
- A Road

Recreation

- Sustrans Cycle Network
- Mountain Route
- Scottish Hill Tracks (SHT)
- Core Path



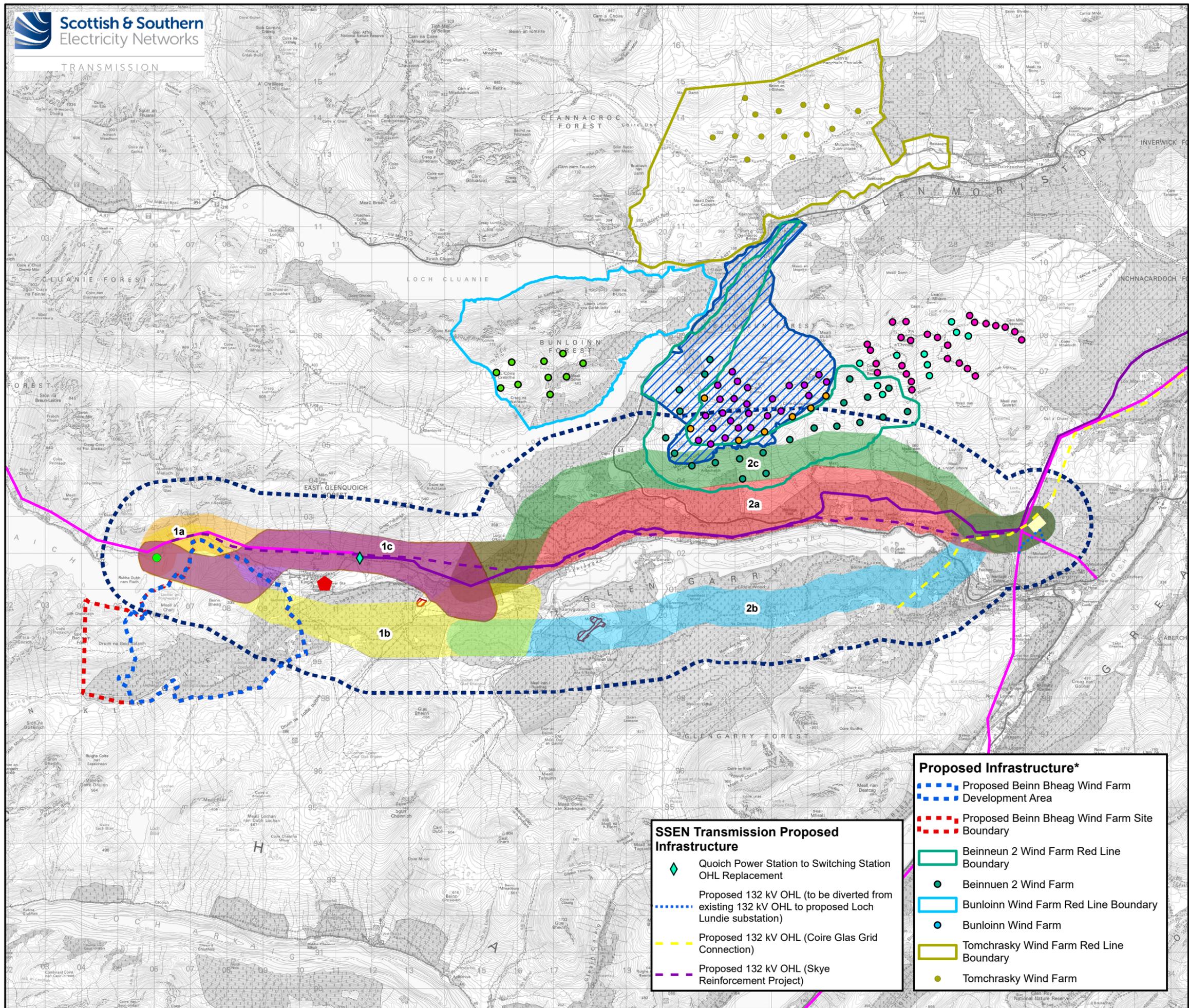
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Title: Figure 11 - Land Use - Recreation

Drawn by: M.T. Date: 01/05/2025

Drawing: 123020-D11-CD-1.0.0



Legend

- Corridor
- Indicative Loch Fearna PSH Substation
- Proposed Loch Lundie Substation

Western Route Options

- Route Option 1a
- Route Option 1b
- Route Option 1c

Eastern Route Options

- Route Option 2a
- Route Option 2b
- Route Option 2c

Existing Infrastructure & Habitat Management Plans*

- Quoch Hydroelectric Power Station
- Beinneun Wind Farm Outline Habitat Management Plan Area
- Existing Wind Turbines
 - Beinneun Wind Farm
 - Beinneun Extension Wind Farm
 - Millennium South Wind Farm
 - Millennium Wind Farm

- Existing OHL
- Existing 132 kV OHL (Steel Lattice)
 - Existing 132 kV OHL (Wood Pole)

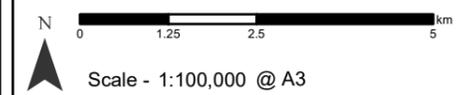
SSEN Transmission Proposed Infrastructure

- Quoch Power Station to Switching Station OHL Replacement
- Proposed 132 kV OHL (to be diverted from existing 132 kV OHL to proposed Loch Lundie substation)
- Proposed 132 kV OHL (Coire Glas Grid Connection)
- Proposed 132 kV OHL (Skye Reinforcement Project)

Other Applications

- Peatland restoration areas

* Within the Corridor itself and in the vicinity of the Corridor.



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Title: Figure 12 - Existing and Proposed Infrastructure

Drawn by: M.T. Date: 29/04/2025

Drawing: 123020-D12-CD-1.0.0

SSEN Transmission Proposed Infrastructure

- Quoch Power Station to Switching Station OHL Replacement
- Proposed 132 kV OHL (to be diverted from existing 132 kV OHL to proposed Loch Lundie substation)
- Proposed 132 kV OHL (Coire Glas Grid Connection)
- Proposed 132 kV OHL (Skye Reinforcement Project)

Proposed Infrastructure*

- Proposed Beinn Bheag Wind Farm Development Area
- Proposed Beinn Bheag Wind Farm Site Boundary
- Beinneun 2 Wind Farm Red Line Boundary
- Beinneun 2 Wind Farm
- Bunloinn Wind Farm Red Line Boundary
- Bunloinn Wind Farm
- Tomchrasky Wind Farm Red Line Boundary
- Tomchrasky Wind Farm