

Legend

- Alternative Steel Lattice Tower
- Alternative OHL Alignment
- Proposed Underground Cable (UGC)
- Proposed Cable Sealing End (CSE) Compound
- Existing Access Track
- Existing Access Track (to be upgraded)
- Proposed Permanent Access Track
- Proposed Temporary Access Track
- Existing Wood Pole (H pole) (to be retained)
- Existing OHL (to be retained)
- Existing Wood Pole (H pole) (to be dismantled)
- Temporary Wood Pole (H pole)
- Proposed Temporary OHL
- Temporary UGC Alignment
- Existing Wood Pole (H pole) (to be dismantled)
- Connagill 275/132 kV Substation

Bedrock Geology

- Bighouse Formation - Sandstone
- Bighouse Formation - Sandstone, Conglomerate And Argillaceous Rocks
- Bighouse Formation - Siltstone, Calcareous
- Lower Old Red Sandstone Group - Conglomerate And Sandstone, Interbedded
- Luachair Sandstone Member - Sandstone And Conglomerate, Interbedded
- Rubha Sandstone Member - Conglomerate
- Rubha Sandstone Member - Sandstone With Subordinate Conglomerate And Siltstone
- Sandside Sandstone Formation - Sandstone And Siltstone, Interbedded
- Sandside Sandstone Formation - Siltstone, Calcareous
- Tobaieach Conglomerate Member - Conglomerate
- Clerkhill Appinite Suite - Amphibolite
- Kirtomy Gneisses - Semipelite, Gneissose
- Portskerra Psammite Formation - Migmatitic Psammite With Migmatitic Semipelite
- Portskerra Psammite Formation - Quartzite
- Strathy Complex - Gneiss
- Strathy Complex - Ortho-amphibolite

Igneous Rocks

- Strath Halladale Granite - Diorite
- Strath Halladale Granite - Granite, Biotite
- Badanloch Granite Sheets - Granite, Foliated-biotite
- Scottish Highland Ordovician Minor Intrusion Suite - Granite
- Scottish Highland Ordovician Minor Intrusion Suite - Leucotonalite
- Scottish Highland Ordovician Minor Intrusion Suite - Tonalite, Foliated
- Unnamed Igneous Intrusion, Pre-caledonian - Amphibolite

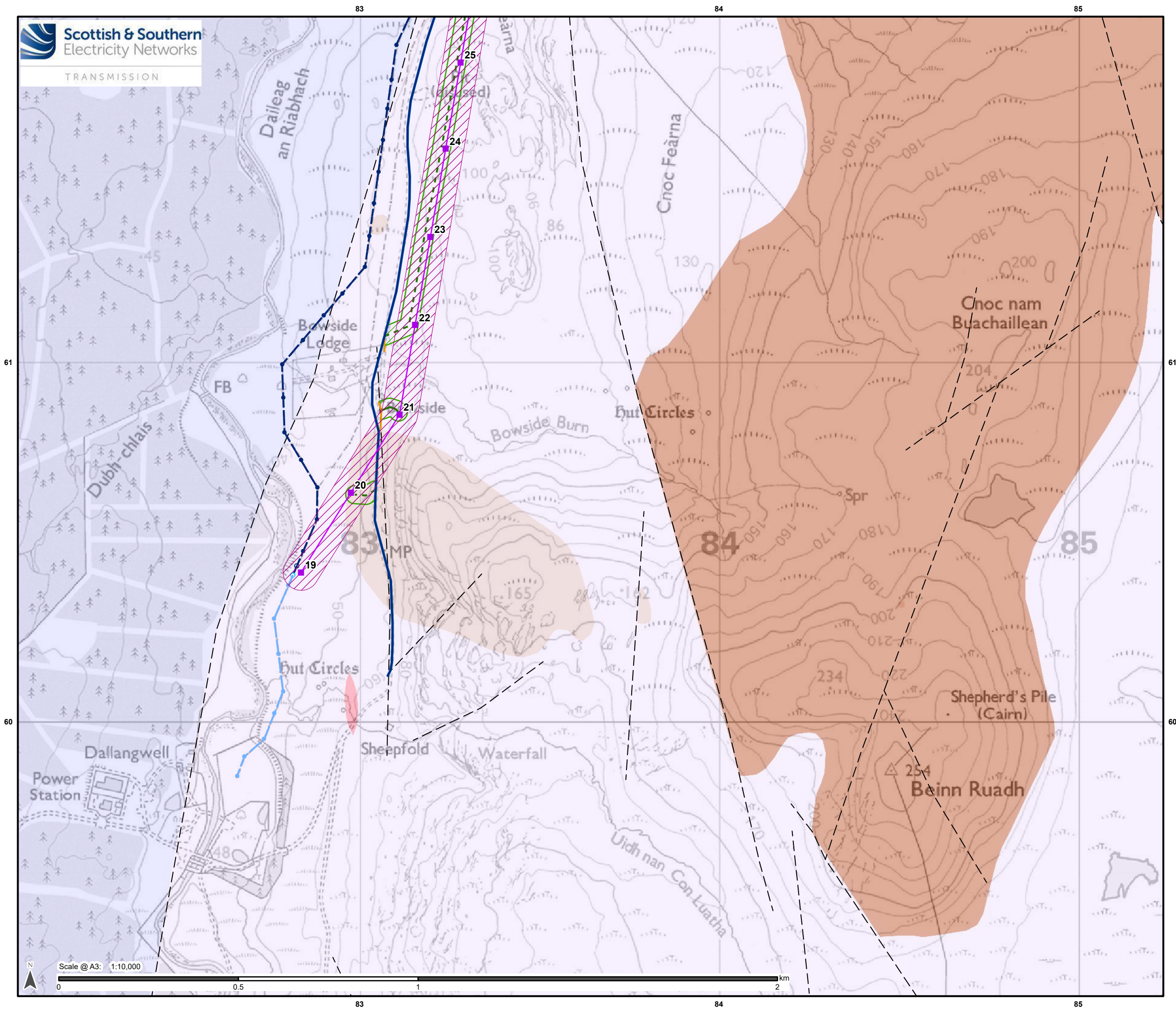
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Project No: LT560
Strathy South Wind Farm Grid Connection
EIA Report - Peat Landslide Hazard and Risk Assessment

Title:
Figure V5-7.1.4 - Bedrock Geology
Alternative Alignment
Overview

Drawn by: MM Date: 29/01/2025

Drawing: 428.013137.00001.00064.0



Legend

- Alternative Steel Lattice Tower
- Alternative OHL Alignment
- Limit of Deviation (Alternative OHL)
- Existing Access Track
- Existing Access Track (to be upgraded)
- Proposed Permanent Access Track
- Proposed Temporary Access Track
- Limit of Deviation (Access Track)
- Existing Wood Pole (H pole) (to be retained)
- Existing OHL (to be retained)
- Existing Wood Pole (H pole) (to be dismantled)
- Existing Wood Pole (H pole) (to be dismantled)
- Proposed* Wood Pole (H pole) (to be retained)
- Proposed* Wood Pole (H pole) (to be dismantled)

*Proposed as part of Strathy Wood Wind Farm
Grid Connection

Bedrock Geology

- Bighouse Formation - Sandstone, Conglomerate And Argillaceous Rocks
- Lower Old Red Sandstone Group - Conglomerate And Sandstone, Interbedded
- Kirtomy Gneisses - Semipelite, Gneissose
- Strathy Complex - Gneiss

Igneous Rocks

- Scottish Highland Ordovician Minor Intrusion Suite - Granite

Linear Features

- Fault, inferred

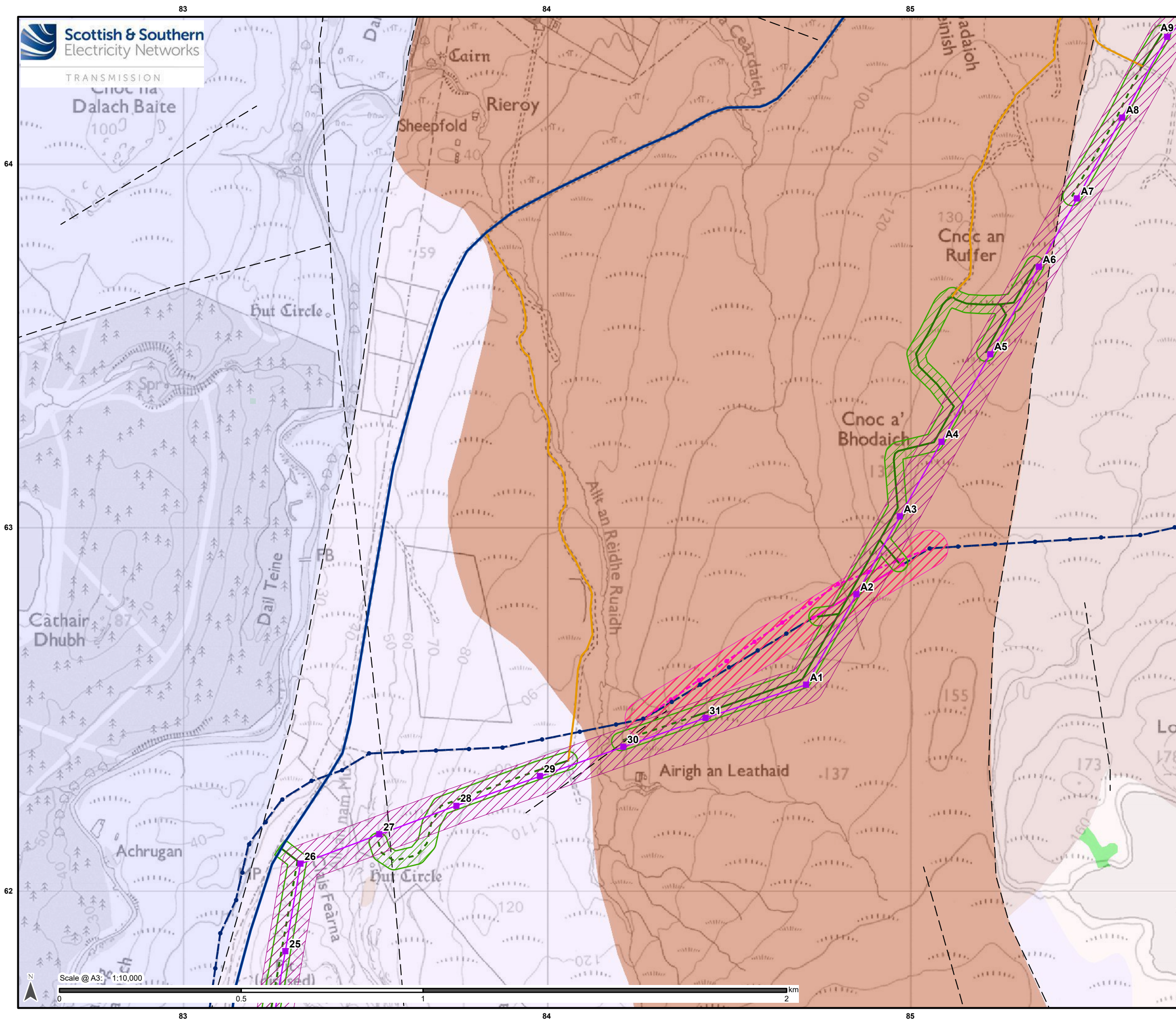
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Strathy South Wind Farm Grid Connection
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Title:
Figure V5-7.1.4 - Bedrock Geology
Alternative Alignment
Map 1

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Legend

- Alternative Steel Lattice Tower
- Alternative OHL Alignment
- Limit of Deviation (Alternative OHL)
- Existing Access Track
- Existing Access Track (to be upgraded)
- Proposed Permanent Access Track
- Proposed Temporary Access Track
- Limit of Deviation (Access Track)
- Existing Wood Pole (H pole) (to be dismantled)
- Temporary Wood Pole (H pole)
- Proposed Temporary OHL
- Limit of Deviation (Temporary OHL)
- Temporary UGC Alignment
- Existing Wood Pole (H pole) (to be dismantled)

Bedrock Geology

- Bighouse Formation - Sandstone, Conglomerate And Argillaceous Rocks
- Lower Old Red Sandstone Group - Conglomerate And Sandstone, Interbedded
- Clerkhill Appinite Suite - Amphibolite
- Kirtomy Gneisses - Semipelite, Gneissose
- Portskerra Psammite Formation - Migmatitic Psammite With Migmatitic Semipelite
- Strathy Complex - Gneiss

Linear Features

- Fault, inferred

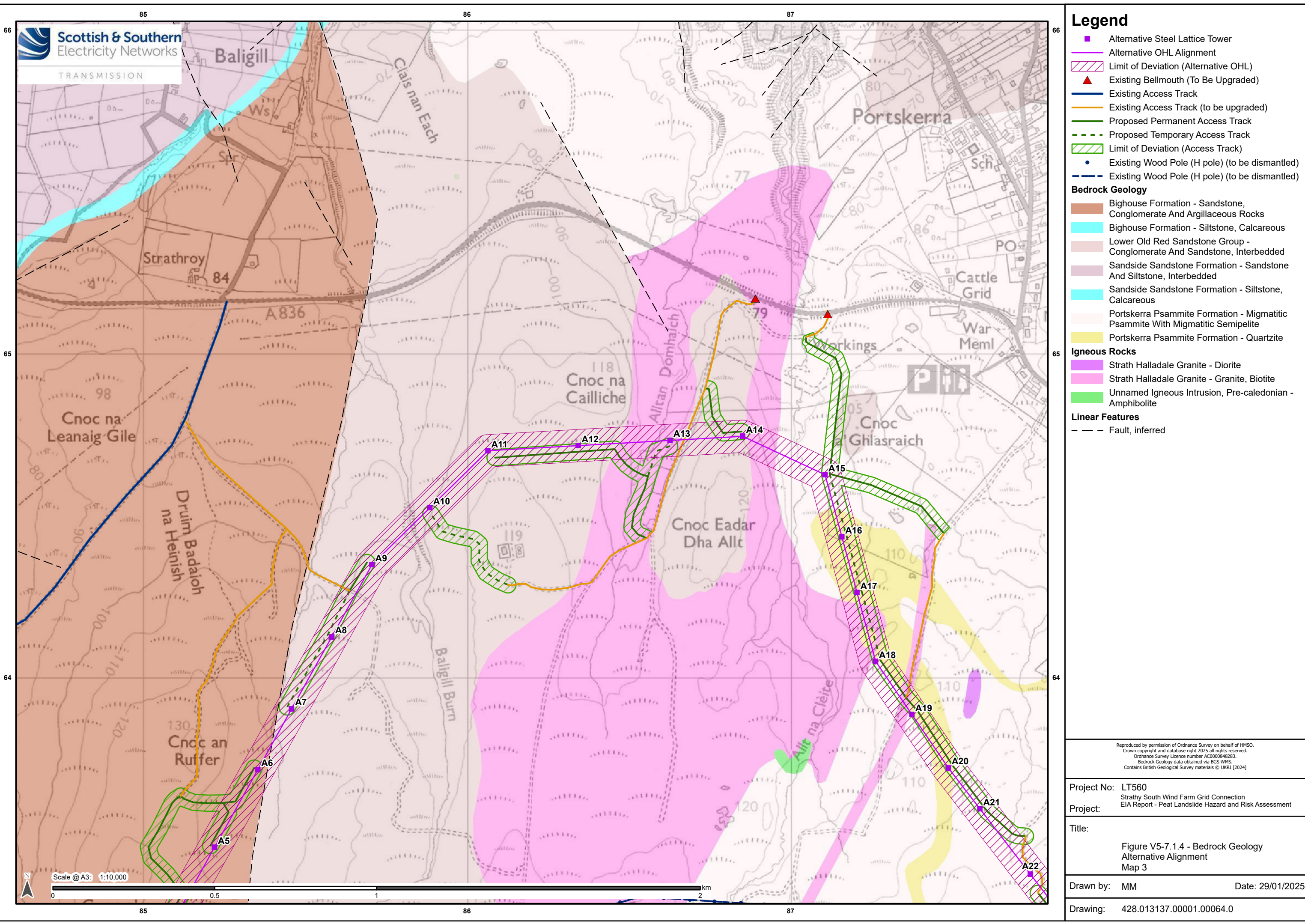
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Title:
Figure V5-7.1.4 - Bedrock Geology
Alternative Alignment
Map 2

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Legend

- Alternative Steel Lattice Tower
- Alternative OHL Alignment
- Limit of Deviation (Alternative OHL)
- Existing Bellmouth (To Be Upgraded)
- Existing Access Track
- Existing Access Track (to be upgraded)
- Proposed Permanent Access Track
- Proposed Temporary Access Track
- Limit of Deviation (Access Track)
- Existing Wood Pole (H pole) (to be dismantled)
- Existing Wood Pole (H pole) (to be dismantled)

Bedrock Geology

- Bighouse Formation - Sandstone, Conglomerate And Argillaceous Rocks
- Bighouse Formation - Siltstone, Calcareous
- Lower Old Red Sandstone Group - Conglomerate And Sandstone, Interbedded
- Sandside Sandstone Formation - Sandstone And Siltstone, Interbedded
- Sandside Sandstone Formation - Siltstone, Calcareous
- Portskerra Psammite Formation - Migmatitic Psammite With Migmatitic Semipelite
- Portskerra Psammite Formation - Quartzite

Igneous Rocks

- Strath Halladale Granite - Diorite
- Strath Halladale Granite - Granite, Biotite
- Unnamed Igneous Intrusion, Pre-caledonian - Amphibolite

Linear Features

- Fault, inferred

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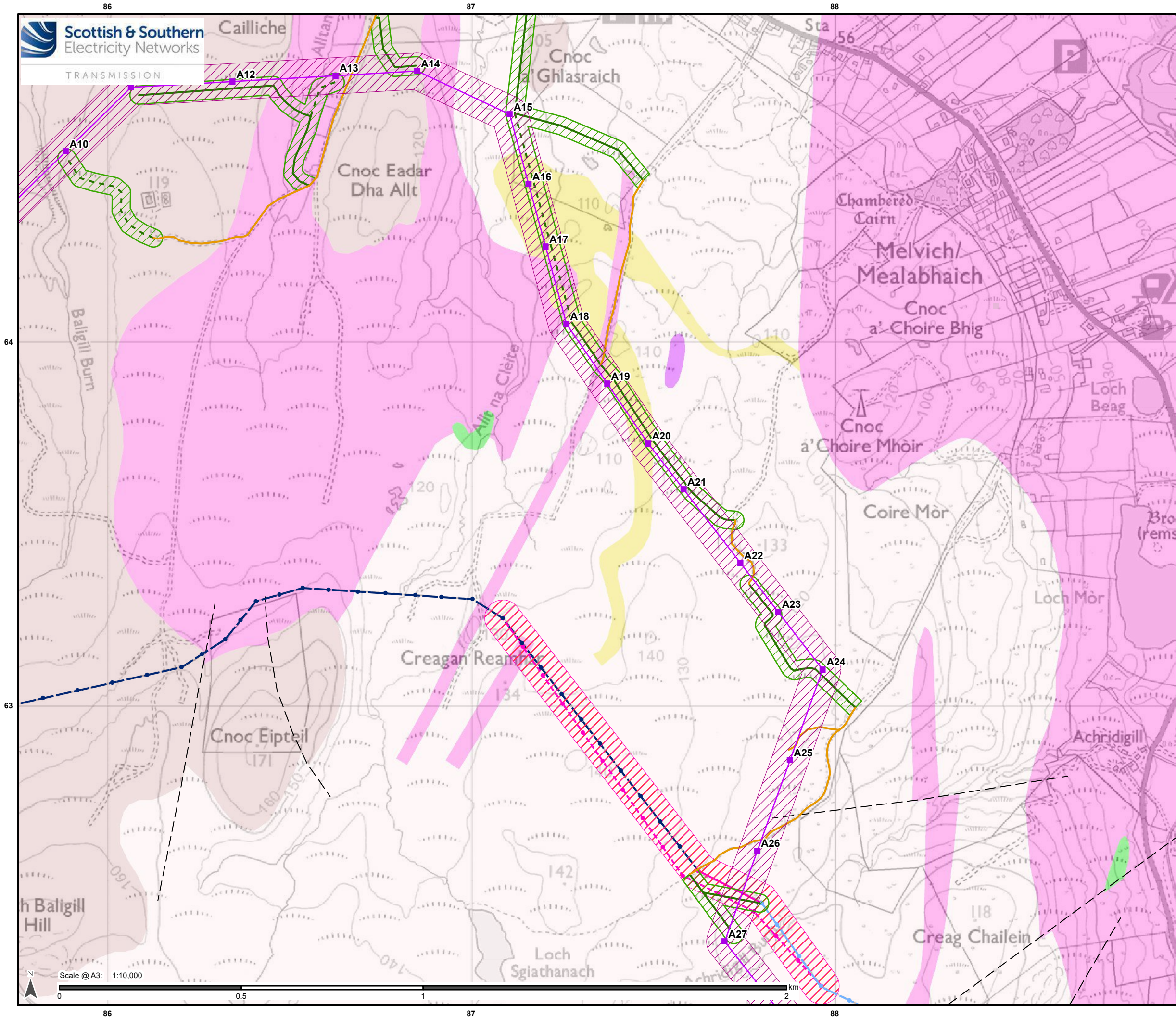
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Strathly South Wind Farm Grid Connection
EIA Report - Peat Landslide Hazard and Risk Assessment

Title:

Figure V5-7.1.4 - Bedrock Geology
Alternative Alignment
Map 3

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Legend

- Alternative Steel Lattice Tower
- Alternative OHL Alignment
- Limit of Deviation (Alternative OHL)
- Existing Access Track (to be upgraded)
- Proposed Permanent Access Track
- Proposed Temporary Access Track
- Limit of Deviation (Access Track)
- Existing Wood Pole (H pole) (to be retained)
- Existing OHL (to be retained)
- Existing Wood Pole (H pole) (to be dismantled)
- Temporary Wood Pole (H pole)
- Proposed Temporary OHL
- Limit of Deviation (Temporary OHL)
- Temporary UGC Alignment
- Existing Wood Pole (H pole) (to be dismantled)

Bedrock Geology

- Lower Old Red Sandstone Group - Conglomerate And Sandstone, Interbedded
- Rubha Sandstone Member - Sandstone With Subordinate Conglomerate And Siltstone
- Portskerra Psammite Formation - Migmatitic Psammite With Migmatitic Semipelite
- Portskerra Psammite Formation - Quartzite

Igneous Rocks

- Strath Halladale Granite - Diorite
- Strath Halladale Granite - Granite, Biotite
- Unnamed Igneous Intrusion, Pre-caledonian - Amphibolite

Linear Features

- Fault, inferred

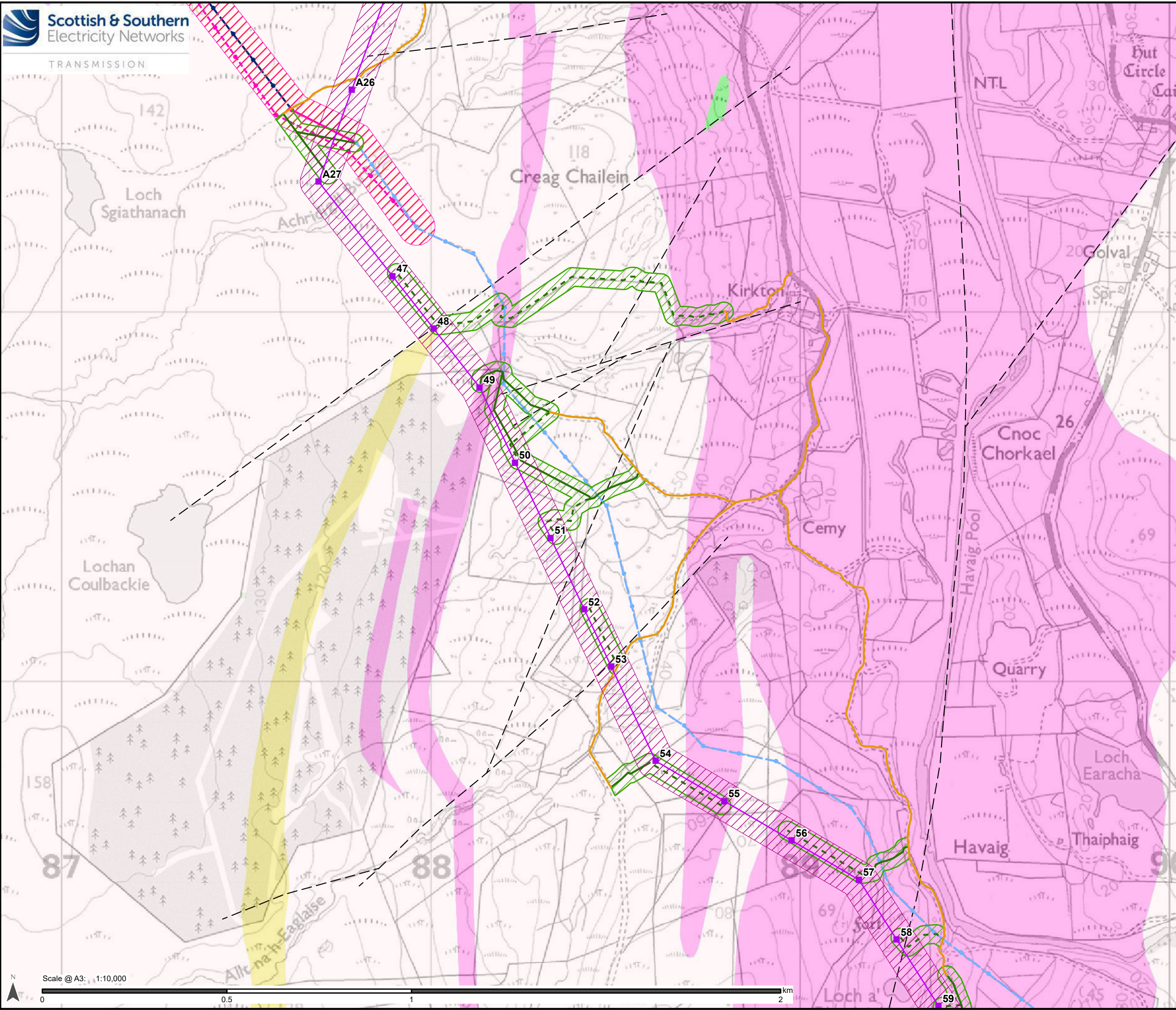
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Title:
Figure V5-7.1.4 - Bedrock Geology
Alternative Alignment
Map 4

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Legend

- Alternative Steel Lattice Tower
 - Alternative OHL Alignment
 - Limit of Deviation (Alternative OHL)
 - Existing Access Track (to be upgraded)
 - Proposed Permanent Access Track
 - Proposed Temporary Access Track
 - Limit of Deviation (Access Track)
 - Existing Wood Pole (H pole) (to be retained)
 - Existing OHL (to be retained)
 - Existing Wood Pole (H pole) (to be dismantled)
 - Temporary Wood Pole (H pole)
 - Proposed Temporary OHL
 - Limit of Deviation (Temporary OHL)
 - Temporary UGC Alignment
 - Existing Wood Pole (H pole) (to be dismantled)
- Bedrock Geology**
- Portserra Psammite Formation - Migmatitic Psammite With Migmatitic Semipelite
 - Portserra Psammite Formation - Quartzite
- Igneous Rocks**
- Strath Halladale Granite - Granite, Biotite
 - Unnamed Igneous Intrusion, Pre-caledonian - Amphibolite
- Linear Features**
- Fault, inferred

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Title:
Figure V5-7.1.4 - Bedrock Geology
Alternative Alignment
Map 5

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