

Legend

- Proposed Alignment Towers
- Proposed Alignment
- Proposed Creag Dhubh Substation (Separate Application)
- New Access Tracks**
 - Creag Dhubh Access Track
 - Access Tracks - Track To Be Maintained
 - Proposed Access Route (Perm)
 - Proposed Access Route (Temp)
- Factor of Safety**
 - < 1.0 (unstable)
 - 1.0 - 1.4 (marginally unstable)
 - 1.4 - 2.0 (stable)
 - 2.0 - 3.0 (stable)
 - > 3.0 (stable)



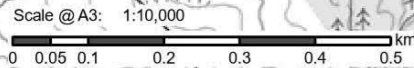
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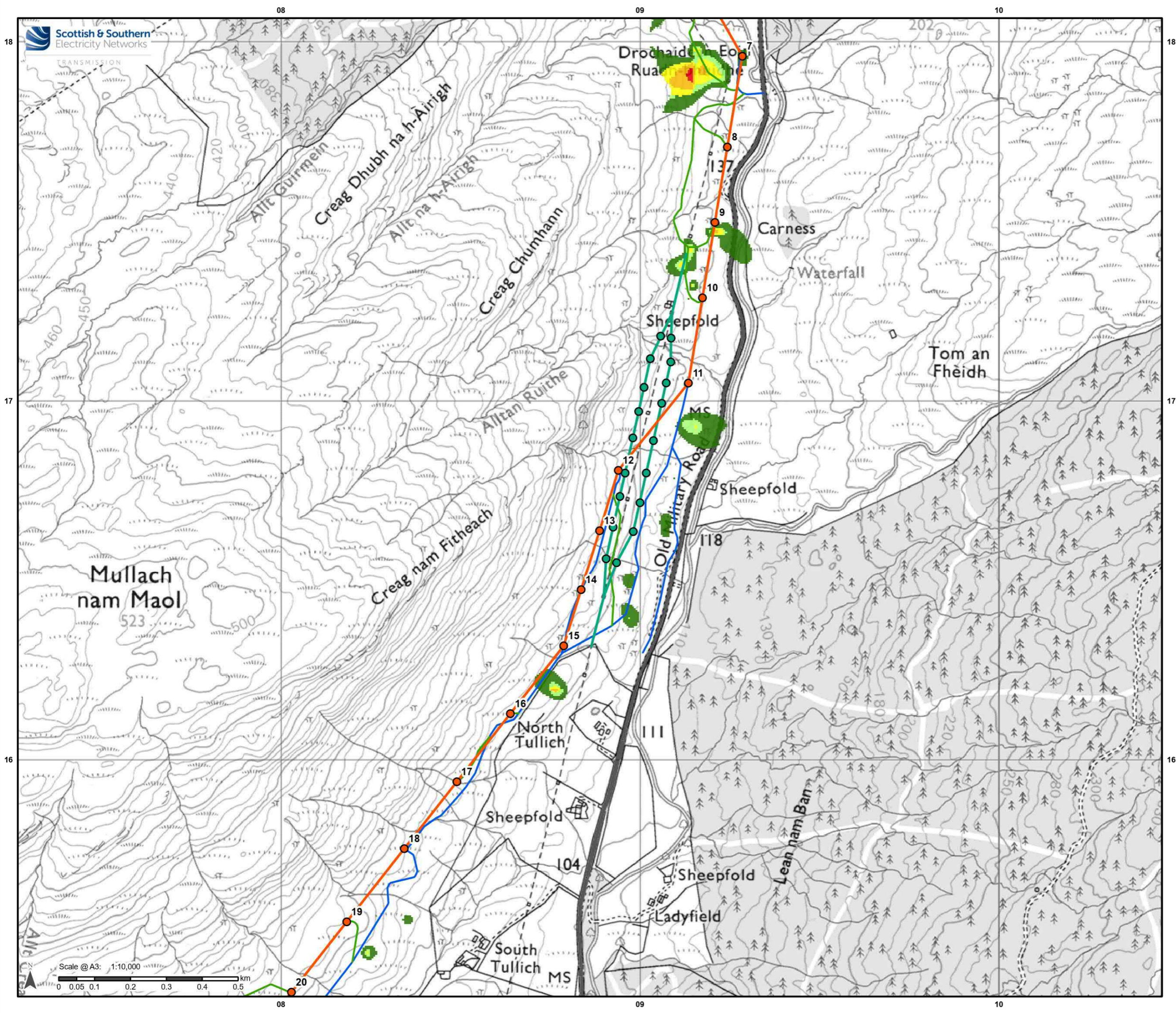
Project No: LT000194
Project: 1620011091

Title: Creag Dhubh to Inveraray 275 kV Overhead Line
Figure 10.3.6a: Factor of Safety

Drawn by: AB Date: 22/09/2022

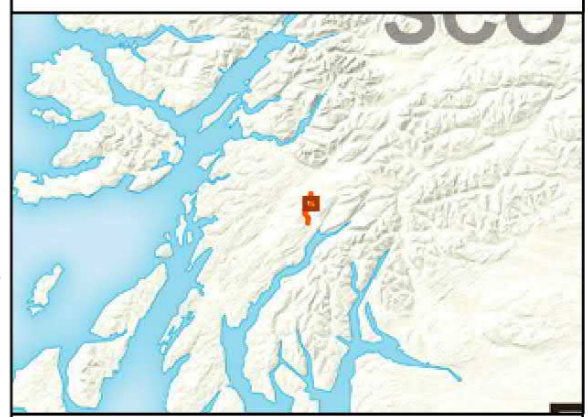
Drawing: R162_11091_Fig10_3_6_FactorOfSafety_C





Legend

- Proposed Alignment Towers
- Proposed Alignment
- Temporary Diversions
 - ITE / ITW 132 kV Diversion
 - ITE / ITW 132 kV Diversion Poles
- New Access Tracks
 - Proposed Access Route (Perm)
 - Proposed Access Route (Temp)
- Factor of Safety
 - < 1.0 (unstable)
 - 1.0 - 1.4 (marginally unstable)
 - 1.4 - 2.0 (stable)
 - 2.0 - 3.0 (stable)
 - > 3.0 (stable)



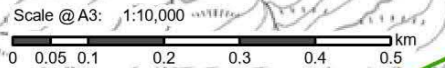
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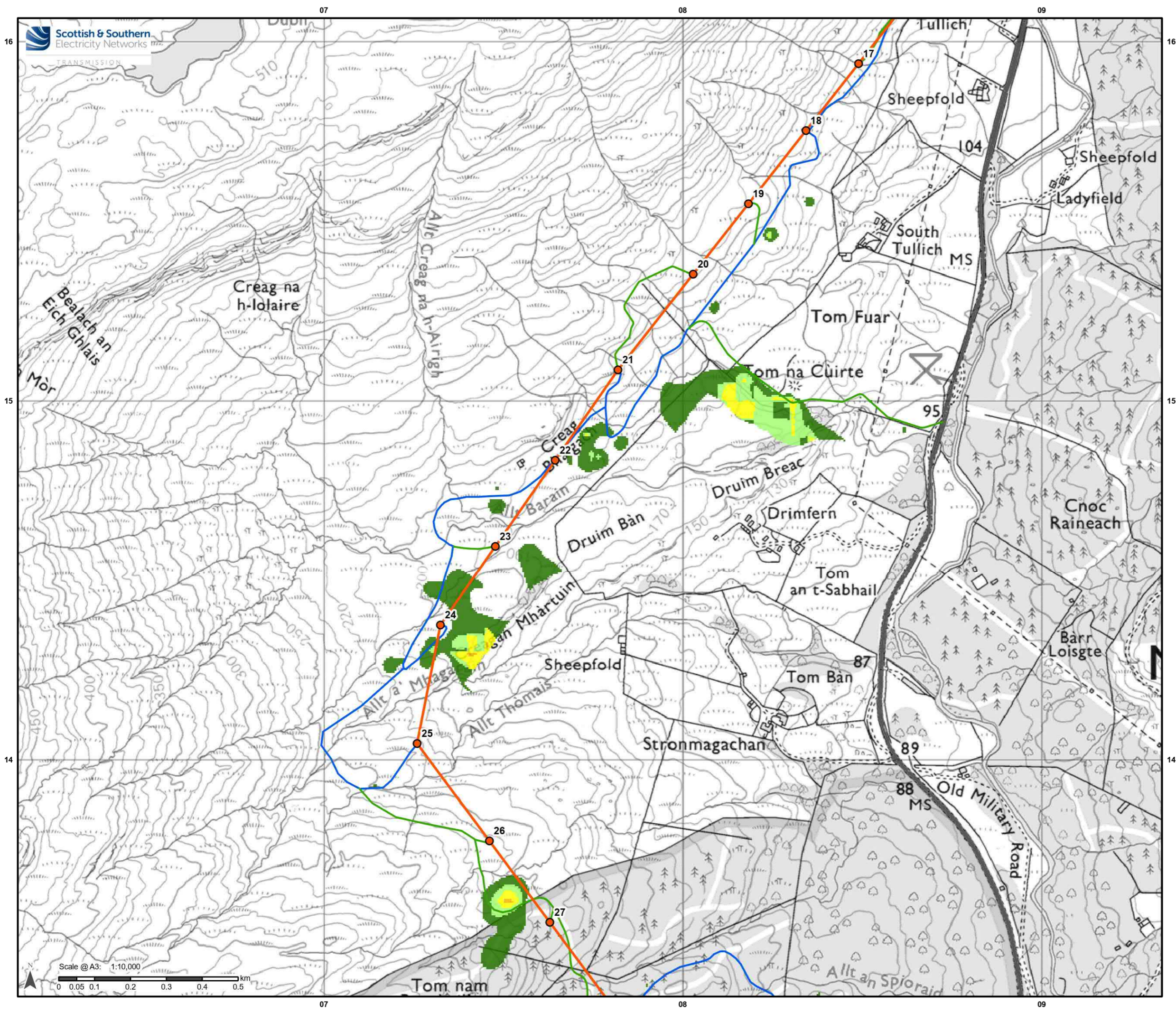
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Project: 1620011091

Title: Creag Dhubh to Inveraray 275 kV Overhead Line
Figure 10.3.6b: Factor of Safety

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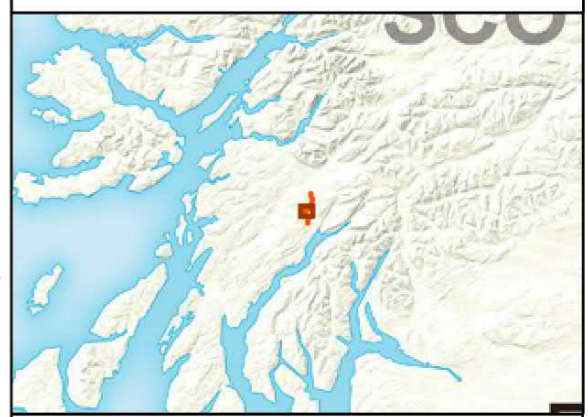
Drawing: R162_11091_Fig10_3_6_FactorOfSafety_C





Legend

- Proposed Alignment Towers
- Proposed Alignment
- New Access Tracks
 - Proposed Access Route (Perm)
 - Proposed Access Route (Temp)
- Factor of Safety
 - 1.0 - 1.4 (marginally unstable)
 - 1.4 - 2.0 (stable)
 - 2.0 - 3.0 (stable)
 - > 3.0 (stable)



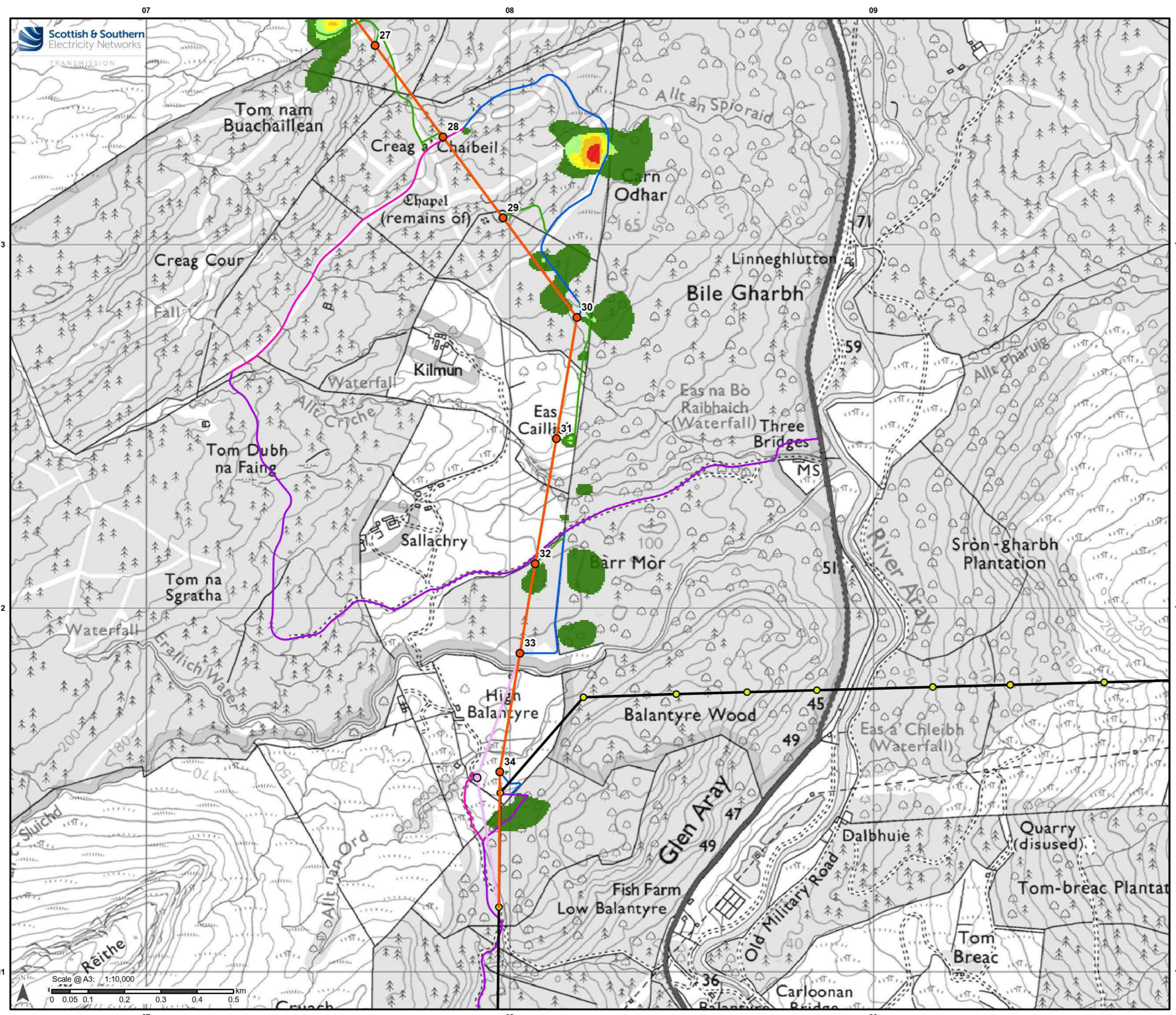
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Title: Creag Dhubh to Inveraray 275 kV Overhead Line
Figure 10.3.6c: Factor of Safety

Drawn by: AB Date: 22/09/2022

Drawing: R162_11091_Fig10_3_6_FactorOfSafety_C



Legend

- Proposed Alignment Towers
- Proposed Alignment
- Inveraray - Crossaig Towers
- Inveraray - Crossaig OHL

Temporary Diversions

- 275 kV Diversion
- 275 kV Diversion Towers

New Access Tracks

- Access Tracks - Track To Be Maintained
- Proposed Access Route (Perm)
- Proposed Access Route (Temp)
- Existing Access Tracks Upgrade

Factor of Safety

- < 1.0 (unstable)
- 1.0 - 1.4 (marginally unstable)
- 1.4 - 2.0 (stable)
- 2.0 - 3.0 (stable)
- > 3.0 (stable)



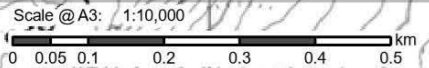
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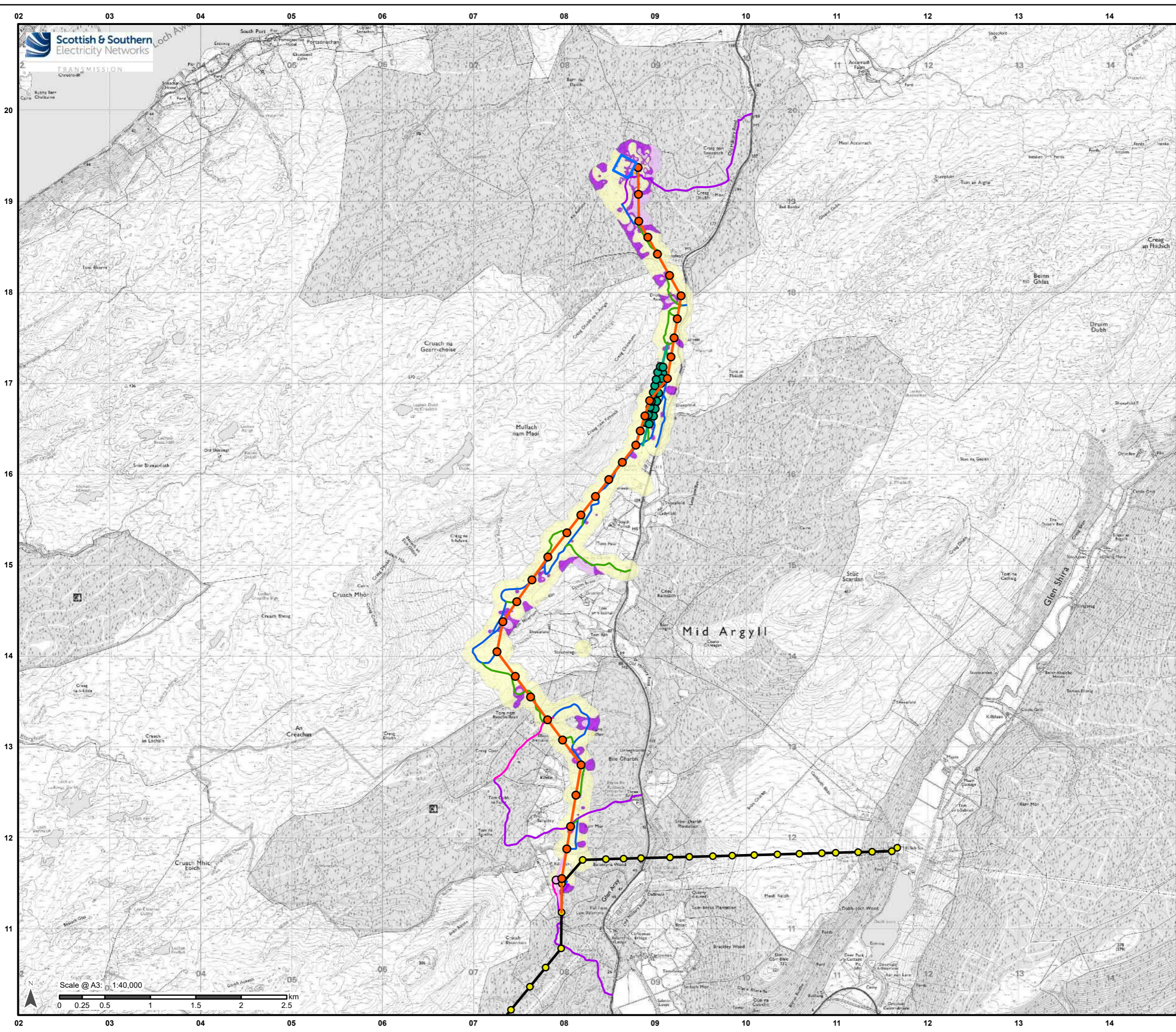
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Title: Creag Dhubh to Inveraray 275 kV Overhead Line
Figure 10.3.6d: Factor of Safety

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Drawing: R162_11091_Fig10_3_6_FactorOfSafety_C





- ### Legend
- Proposed Alignment Towers
 - Proposed Alignment
 - Proposed Creag Dhubh Substation (Separate Application)
 - Inveraray - Crossaig Towers
 - Inveraray - Crossaig OHL
- #### Temporary Diversions
- ITE / ITW 132 kV Diversion
 - 275 kV Diversion
 - ITE / ITW 132 kV Diversion Poles
 - 275 kV Diversion Towers
- #### New Access Tracks
- Creag Dhubh Access Track
 - Access Tracks - Track To Be Maintained
 - Proposed Access Route (Perm)
 - Proposed Access Route (Temp)
 - Existing Access Tracks Upgrade
- #### Peat Depth Scores (P)
- Score 1: < 0.5 m
 - Score 2: > 1.5 m
 - Score 3: 0.5 - 1.5 m



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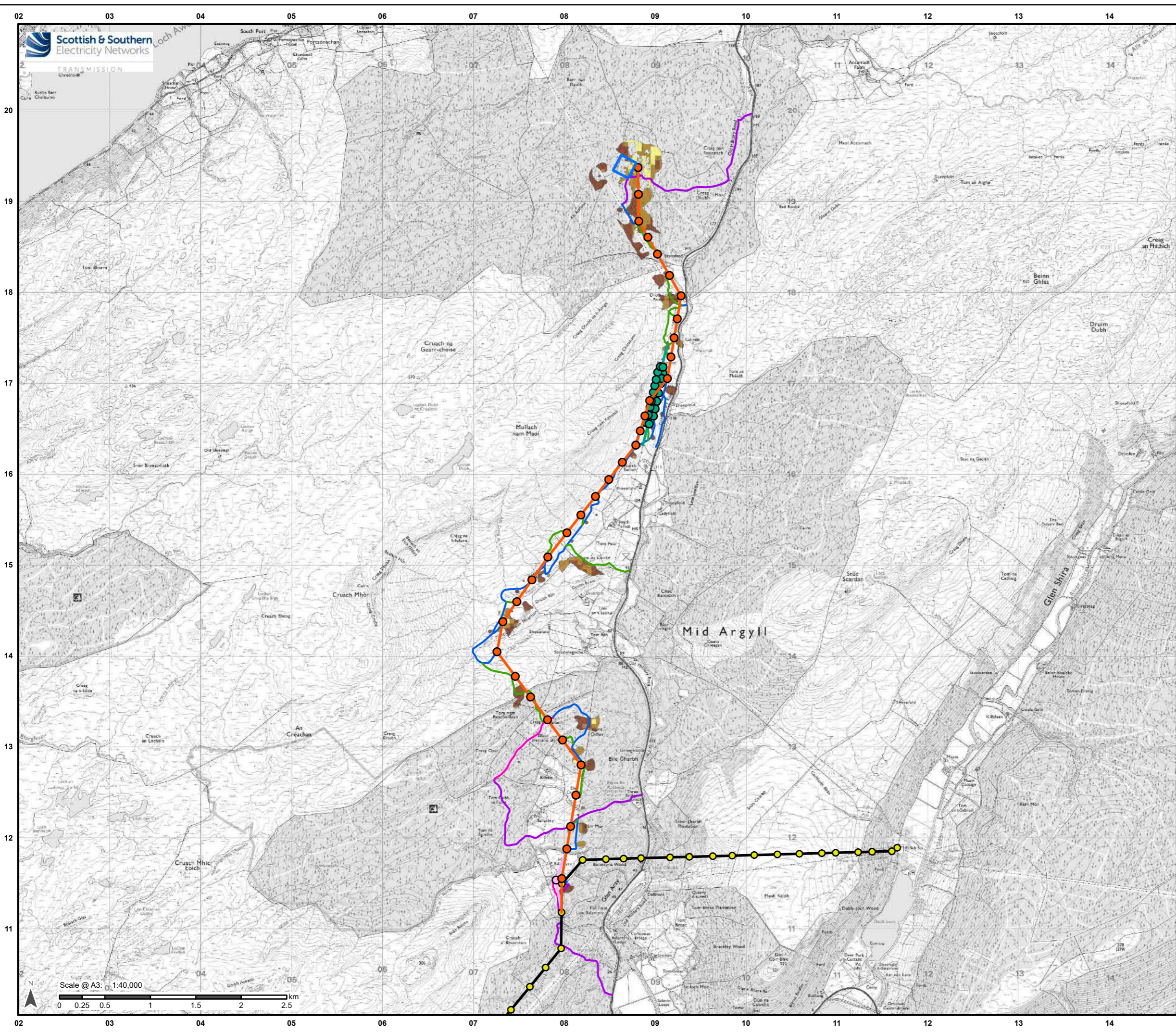
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Title: Creag Dhubh to Inveraray 275 kV Overhead Line

Figure 10.3.7a: Contributing Factor - Peat Depth Score

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Drawing: R162_11091_Fig10_3_7a_ContribFactorPeatDepthScore_C



- ### Legend
- Proposed Alignment Towers
 - Proposed Alignment
 - Proposed Creag Dhubh Substation (Separate Application)
 - Inveraray - Crossaig Towers
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- #### Temporary Diversions
- ITE / ITW 132 kV Diversion
 - 275 kV Diversion
 - ITE / ITW 132 kV Diversion Poles
 - 275 kV Diversion Towers
- #### Access Tracks
- Creag Dhubh Access Track
 - Access Tracks - Track To Be Maintained
 - Proposed Access Route (Perm)
 - Proposed Access Route (Temp)
 - Existing Access Tracks Upgrade
- #### Slope Angle Scores (S)
- Score 0: <= 2 deg
 - Score 1: >20 deg
 - Score 2: 2 - 5 deg and 15 - 20 deg
 - Score 3: 5 - 15 deg



Scale @ A3: 1:40,000
0 0.25 0.5 1 1.5 2 2.5 km

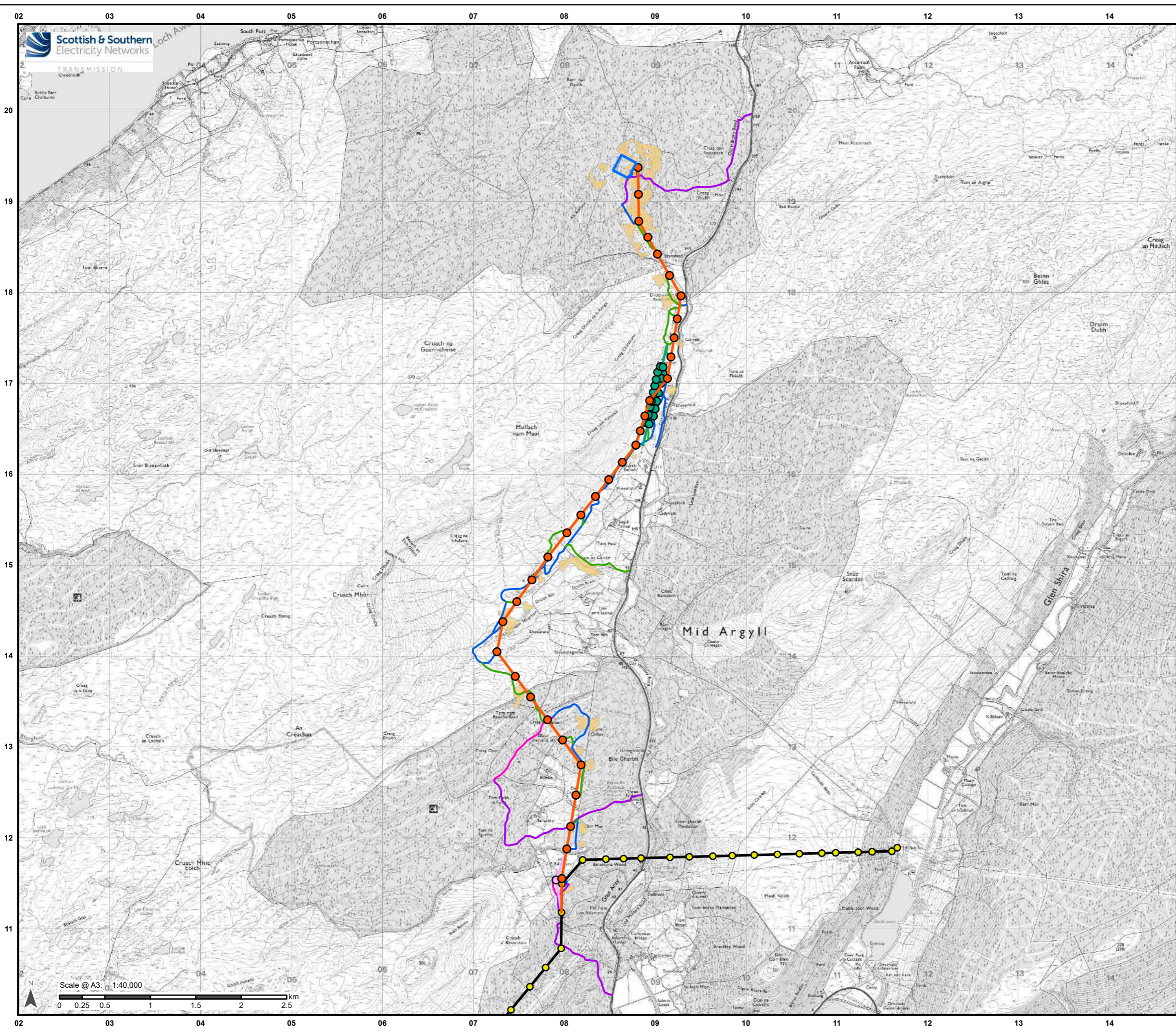
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Title: Creag Dhubh to Inveraray 275 kV Overhead Line
Figure 10.3.7b: Contributing Factor - Slope Angle Score

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Drawing: R162_11091_Fig10_3_7b_ContribFactorSlopeScore_C



- ### Legend
- Proposed Alignment Towers
 - Proposed Alignment
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 - Inveraray - Crossaig Towers
 - Inveraray - Crossaig OHL
- #### Temporary Diversions
- ITE / ITW 132 kV Diversion
 - 275 kV Diversion
 - ITE / ITW 132 kV Diversion Poles
 - 275 kV Diversion Towers
- #### Access Tracks
- Creag Dhubh Access Track
 - Access Tracks - Track To Be Maintained
 - Proposed Access Route (Perm)
 - Proposed Access Route (Temp)
 - Existing Access Tracks Upgrade
- #### Substrate Geology Scores (G)
- Score 1: Impermeable Bedrock



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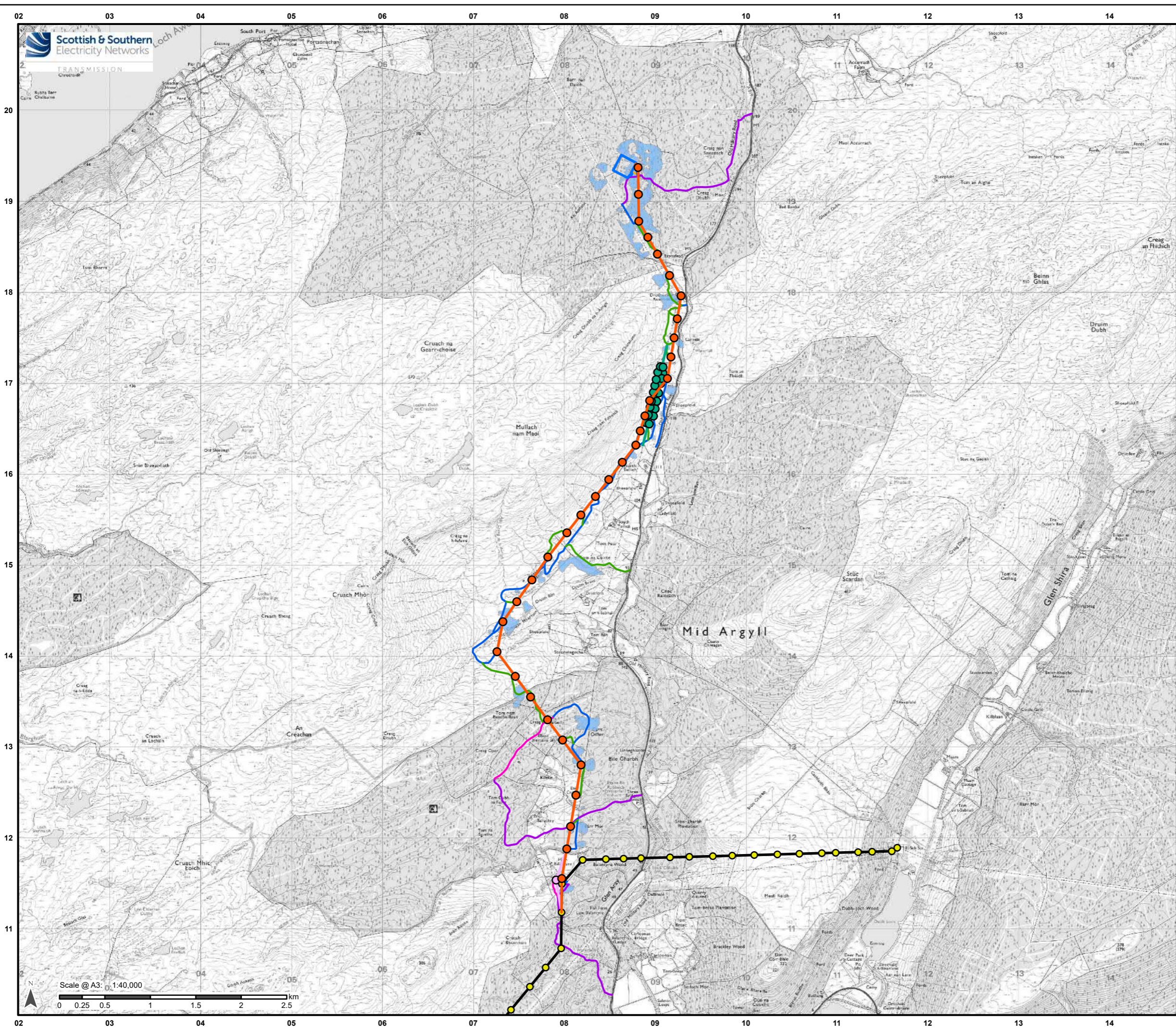
Project: 1620011091

Title: Creag Dhubh to Inveraray 275 kV Overhead Line

Figure 10.3.7c: Contributing Factor - Substrate Geology Score

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Drawing: R162_11091_Fig10_3_7c_ContribFactorSubstrateGeoScore_C



Scale @ A3: 1:40,000
 0 0.25 0.5 1 1.5 2 2.5 km

Legend

- Preferred Alignment Towers
- Preferred Alignment
- Proposed Creag Dhubh Substation (Separate Application)
- Inveraray - Crossaig Towers
- Inveraray - Crossaig OHL
- Temporary Diversions**
- ITE / ITW 132 kV Diversion
- 275 kV Diversion
- ITE / ITW 132 kV Diversion Towers
- 275 kV Diversion Towers
- Access Tracks**
- Creag Dhubh Access Track
- Access Tracks - Track To Be Maintained
- Proposed Access Route (Perm)
- Proposed Access Route (Temp)
- Existing Access Tracks Upgrade
- Peat Geomorphology Scores (M)**
- Score 0: No peat
- Score 1: Existing peat slide/hag/peat cutting/bare ground



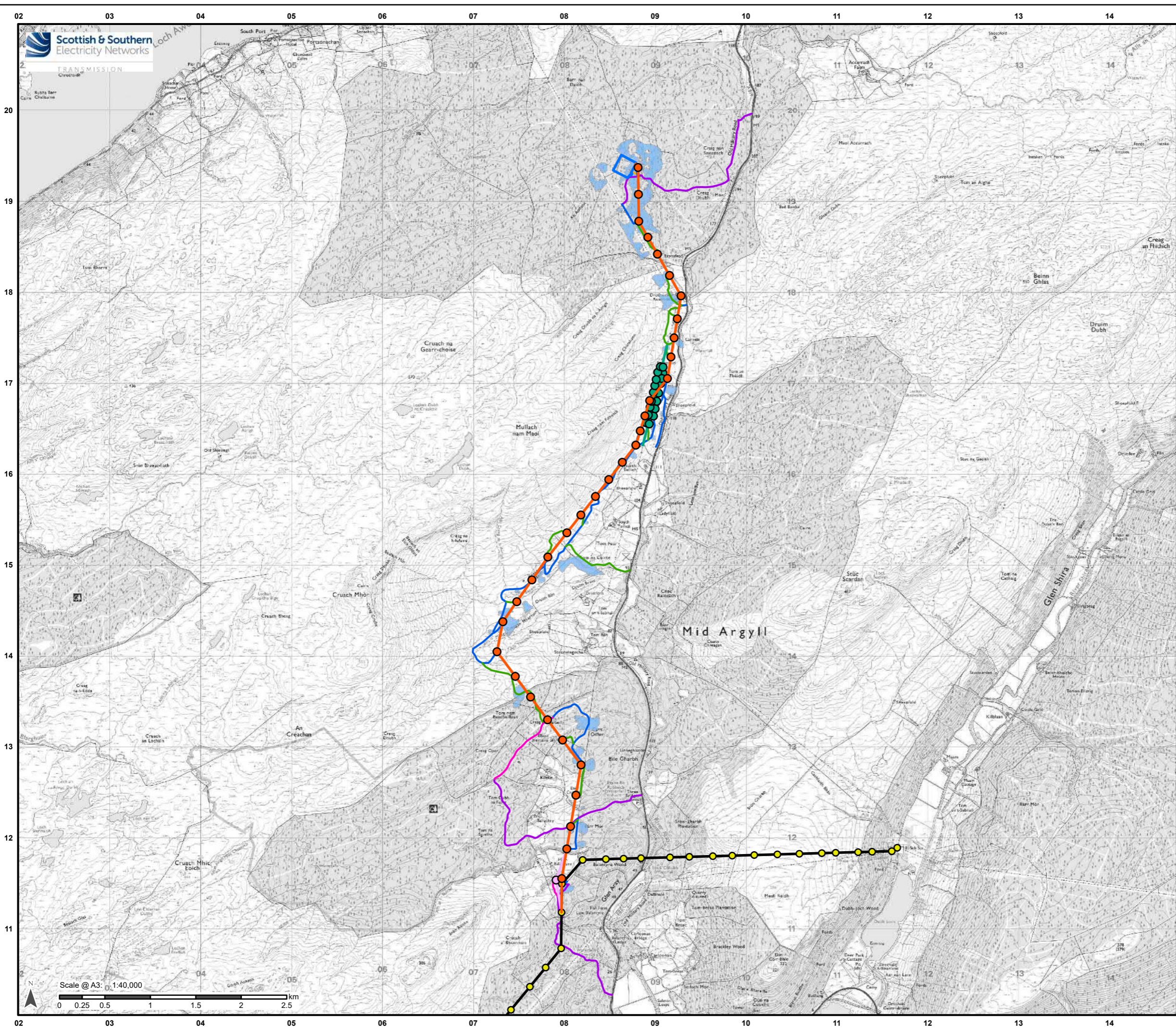
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Title: Creag Dhubh to Inveraray 275 kV Overhead Line
 Figure 10.3.7d: Contributing Factor - Geomorphology Score

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Drawing: R162_11091_Fig10_3_7d_ContribFactorGeomorphScore_C



Scale @ A3: 1:40,000
 0 0.25 0.5 1 1.5 2 2.5 km

Legend

- Preferred Alignment Towers
- Preferred Alignment
- Proposed Creag Dhubh Substation (Separate Application)
- Inveraray - Crossaig Towers
- Inveraray - Crossaig OHL
- Temporary Diversions**
- ITE / ITW 132 kV Diversion
- 275 kV Diversion
- ITE / ITW 132 kV Diversion Towers
- 275 kV Diversion Towers
- Access Tracks**
- Creag Dhubh Access Track
- Access Tracks - Track To Be Maintained
- Proposed Access Route (Perm)
- Proposed Access Route (Temp)
- Existing Access Tracks Upgrade
- Peat Geomorphology Scores (M)**
- Score 0: No peat
- Score 1: Existing peat slide/hag/peat cutting/bare ground



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Title: Creag Dhubh to Inveraray 275 kV Overhead Line
 Figure 10.3.7d: Contributing Factor - Geomorpholgy Score

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Drawing: R162_11091_Fig10_3_7d_ContribFactorGeomorphScore_C