

Legend

- Proposed OHL Towers
- Indicative Proposed Alignment
- Proposed OHL Tower Platform
- Indicative extent of undergrounding of existing LV where it is crossed by the Indicative Proposed Alignment
- Access Tracks - Existing Upgrade
- Access Tracks - New Stone Permanent
- Access Tracks - New Stone Temporary
- OHL Limit of Deviation (LOD 100 m from centre line of proposed alignment)
- Access Track Limit of Deviation (LOD 50 m from centre line of proposed access track)
- SPEN Temporary Diversion Towers
- SPEN Temporary Diversion OHL

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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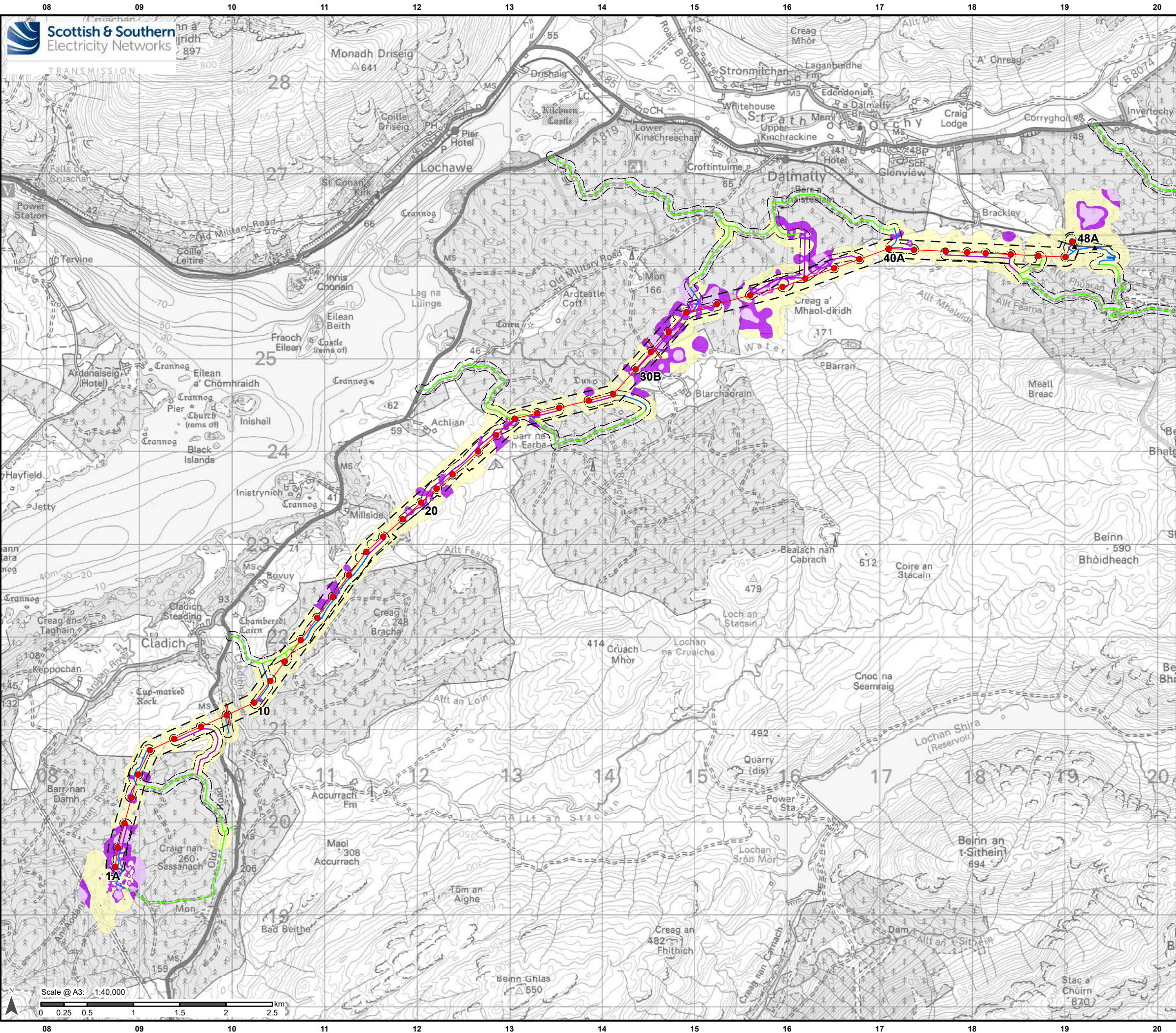
Project No: LT000029
Project: 1700003673

Title:
Creag Dhubh to Dalmally 275kV Connection

Figure 10.3.6.f: LT29 Peat Landslide Hazard and Risk Assessment: Factor of Safety

Drawn by: AB Date: 04/05/2022

Drawing: R170_3673_Fig10.3.6_OHL_FactorOfSafety_E



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 - Access Tracks - New Stone Temporary
 - OHL Limit of Deviation (LOD 100 m from centre line of proposed alignment)
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 - ▲ SPEN Temporary Diversion Towers
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- 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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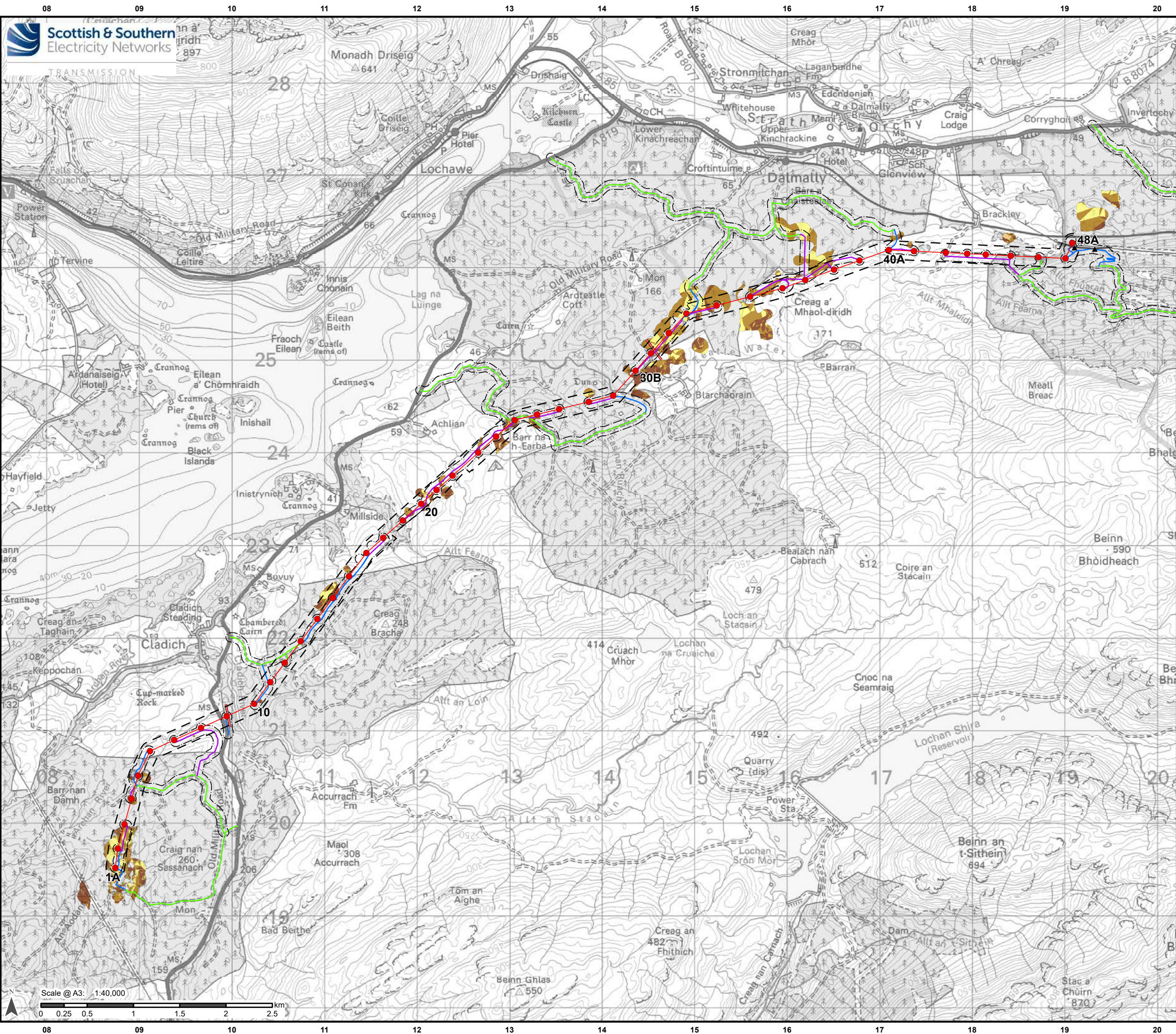
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Figure 10.3.7a: LT29 Peat Landslide Hazard and Risk
Assessment: Contributing Factor - Peat Depth Score

Drawn by: AB

Date: 04/05/2022

Drawing: R170_3673_Fig10.3.7a_ContribFactor_Peat_E



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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

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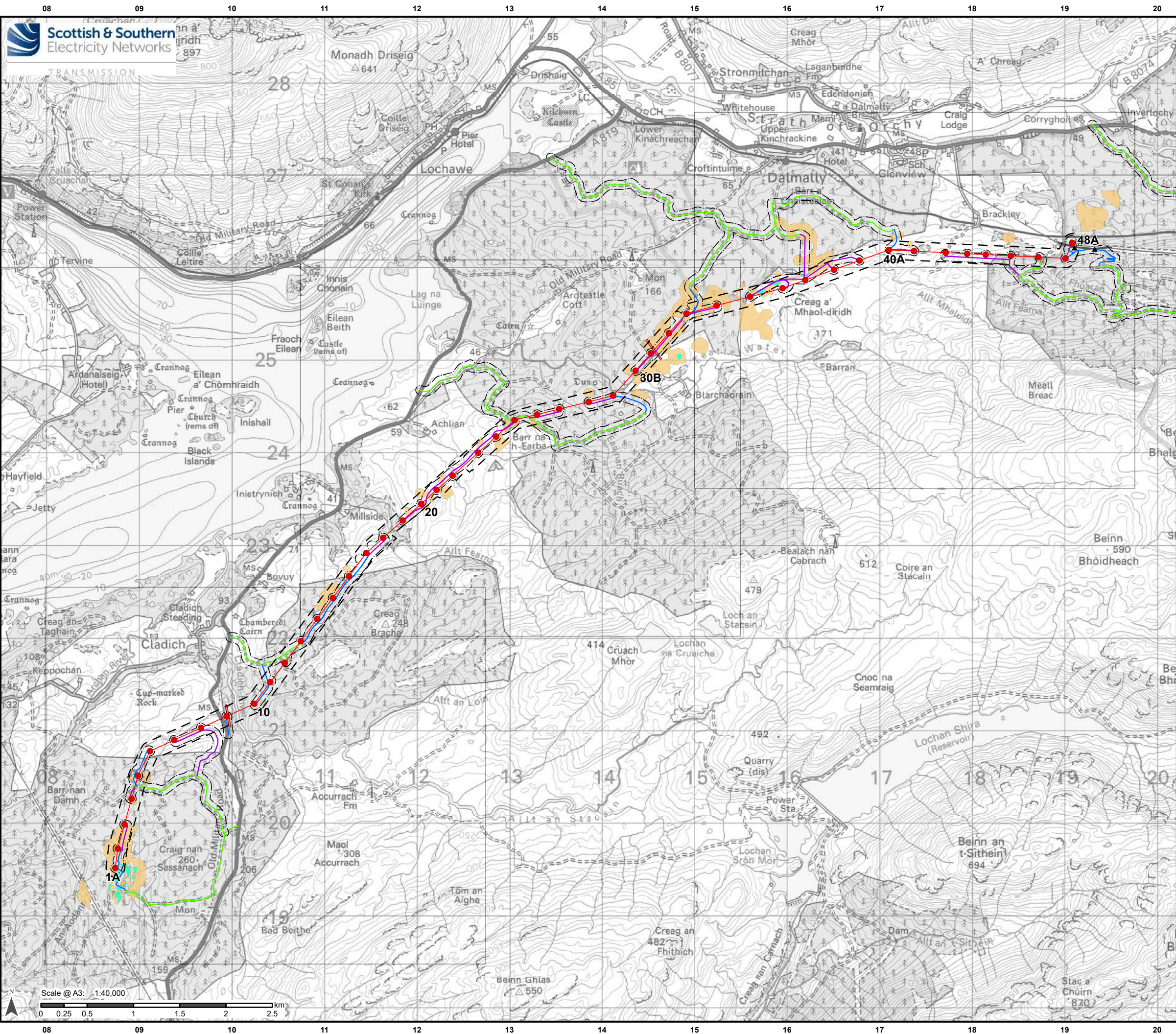
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Figure 10.3.7b: LT29 Peat Landslide Hazard and Risk Assessment: Contributing Factor - Slope Score

Drawn by: AB Date: 04/05/2022

Drawing: R170_3673_Fig10.3.7b_ContribFactor_Slope_E



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Substrate Geology Scores (G)

- Score 1: Impermeable Bedrock
- Score 2: Glacial Till

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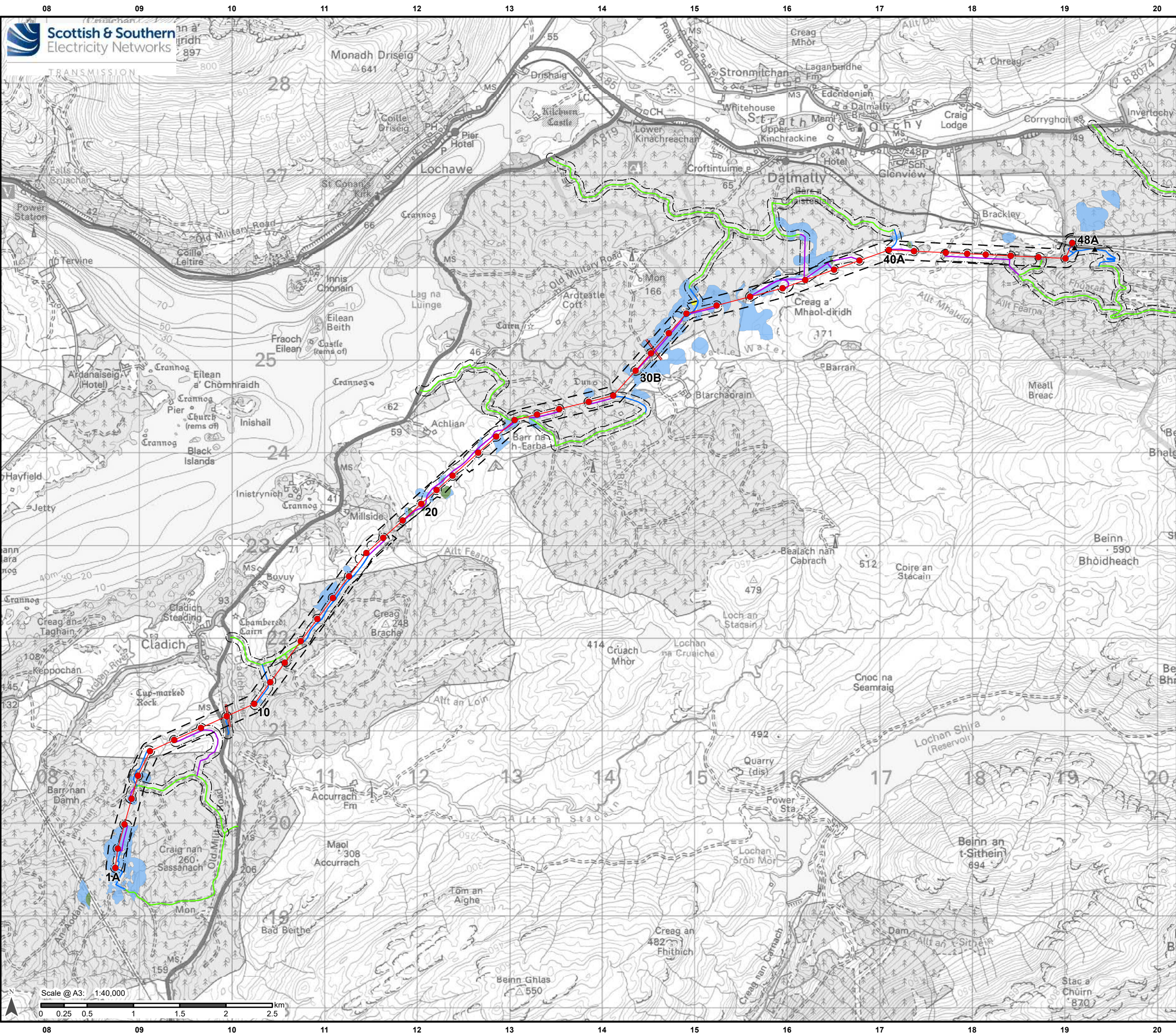
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Figure 10.3.7c: LT29 Peat Landslide Hazard and Risk Assessment: Contributing Factor - Substrate Geology Score

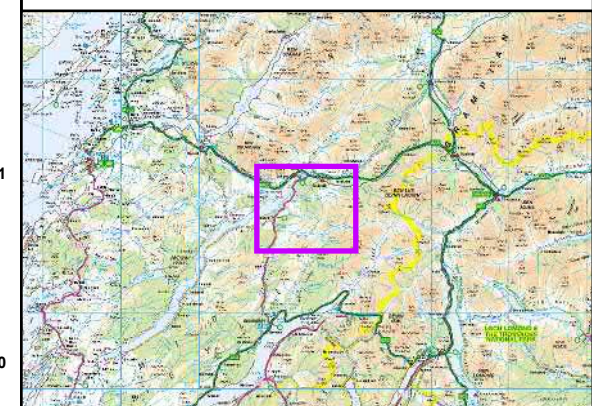
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- Peat geomorphology scores (M)**
- Score 0: No peat
 - Score 1: Existing peat slide/hag/peat cutting/bare ground
 - Score 2: Flush/diffuse natural



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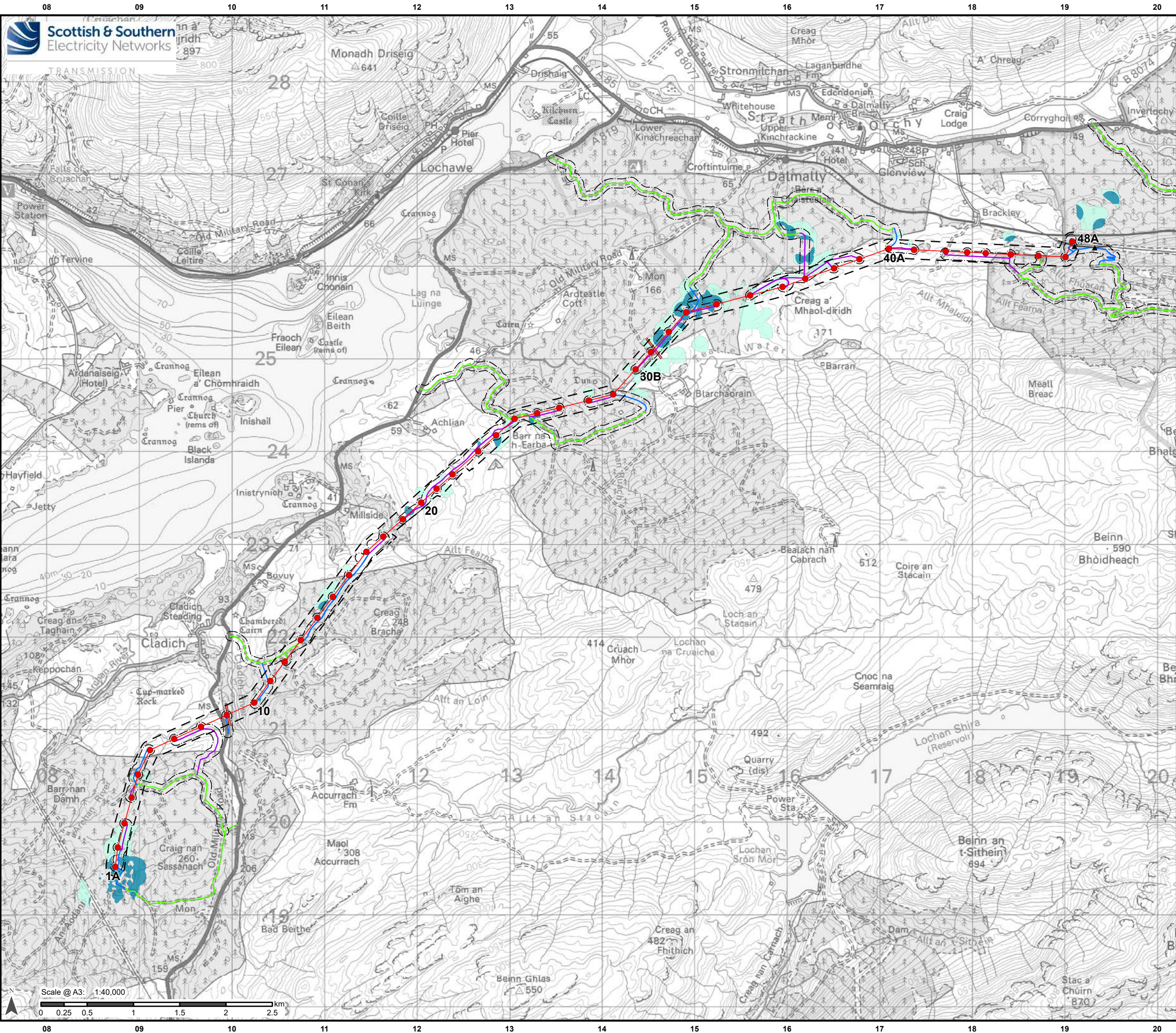
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Figure 10.3.7d: LT29 Peat Landslide Hazard and Risk
Assessment: Contributing Factor - Geomorphology Score

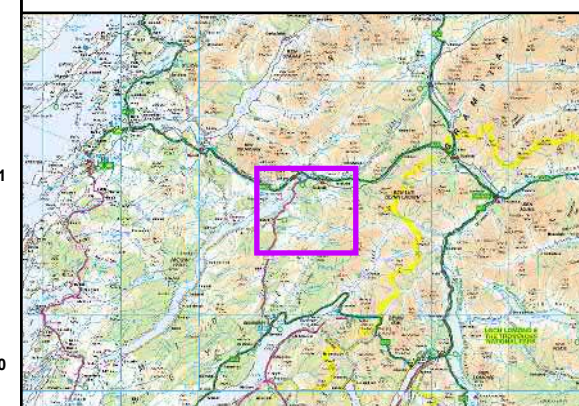
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- Drainage Scores (D)**
- Score 0: No drainage lines
- Score 1: Drain aligned to slope



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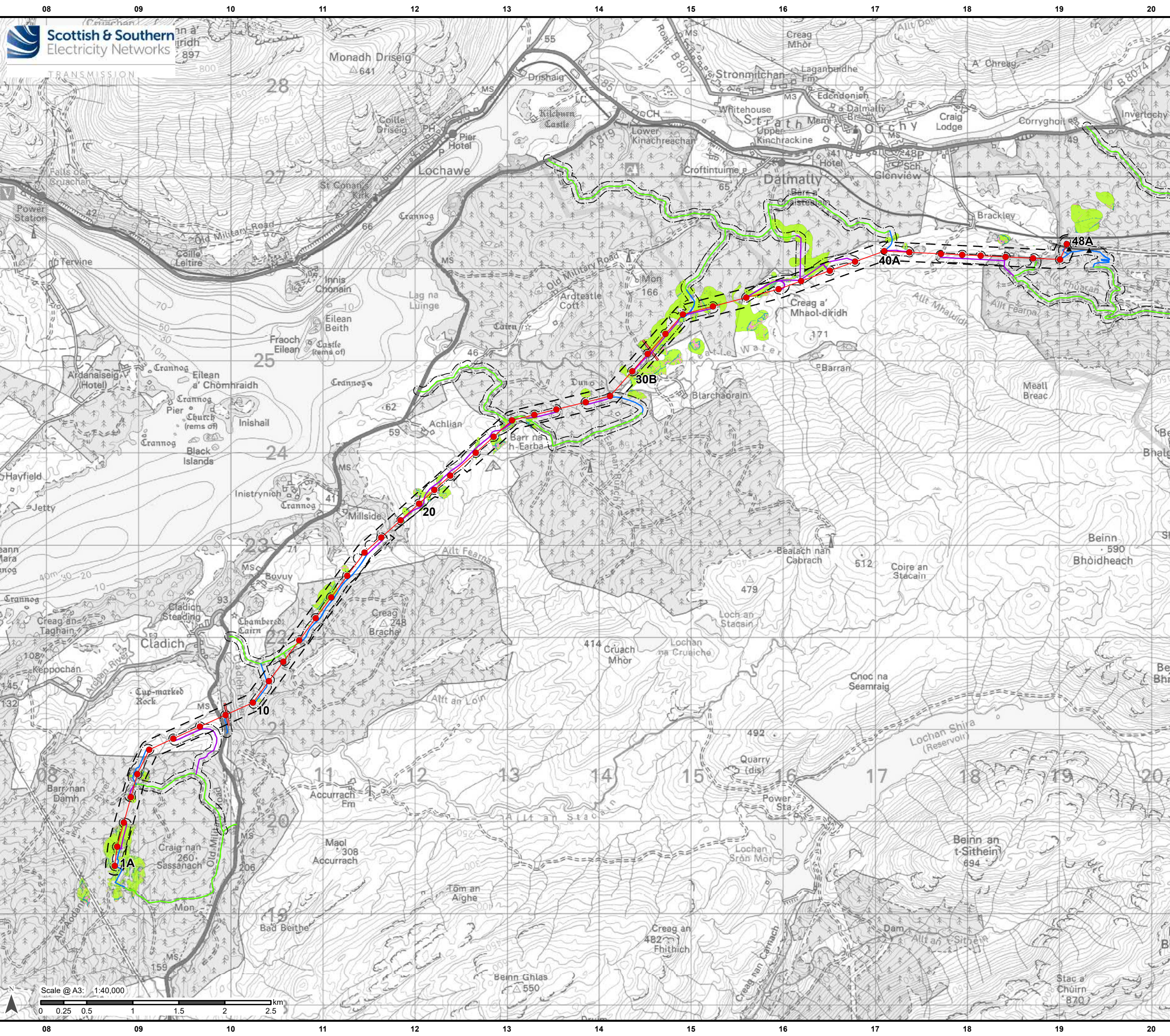
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Figure 10.3.7e: LT29 Peat Landslide Hazard and Risk
Assessment: Contributing Factor - Drainage Score

Drawn by: AB

Date: 04/05/2022

Drawing: R170_3673_Fig10.3.7e_ContribFactor_Drainage_E




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Profile convexity scores (C)

- Score 0: Rectilinear slope
- Score 2: Concave slope
- Score 3: Convex slope



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Figure 10.3.7f: LT29 Peat Landslide Hazard and Risk Assessment: Contributing Factor Profile Convexity Score

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