

### 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

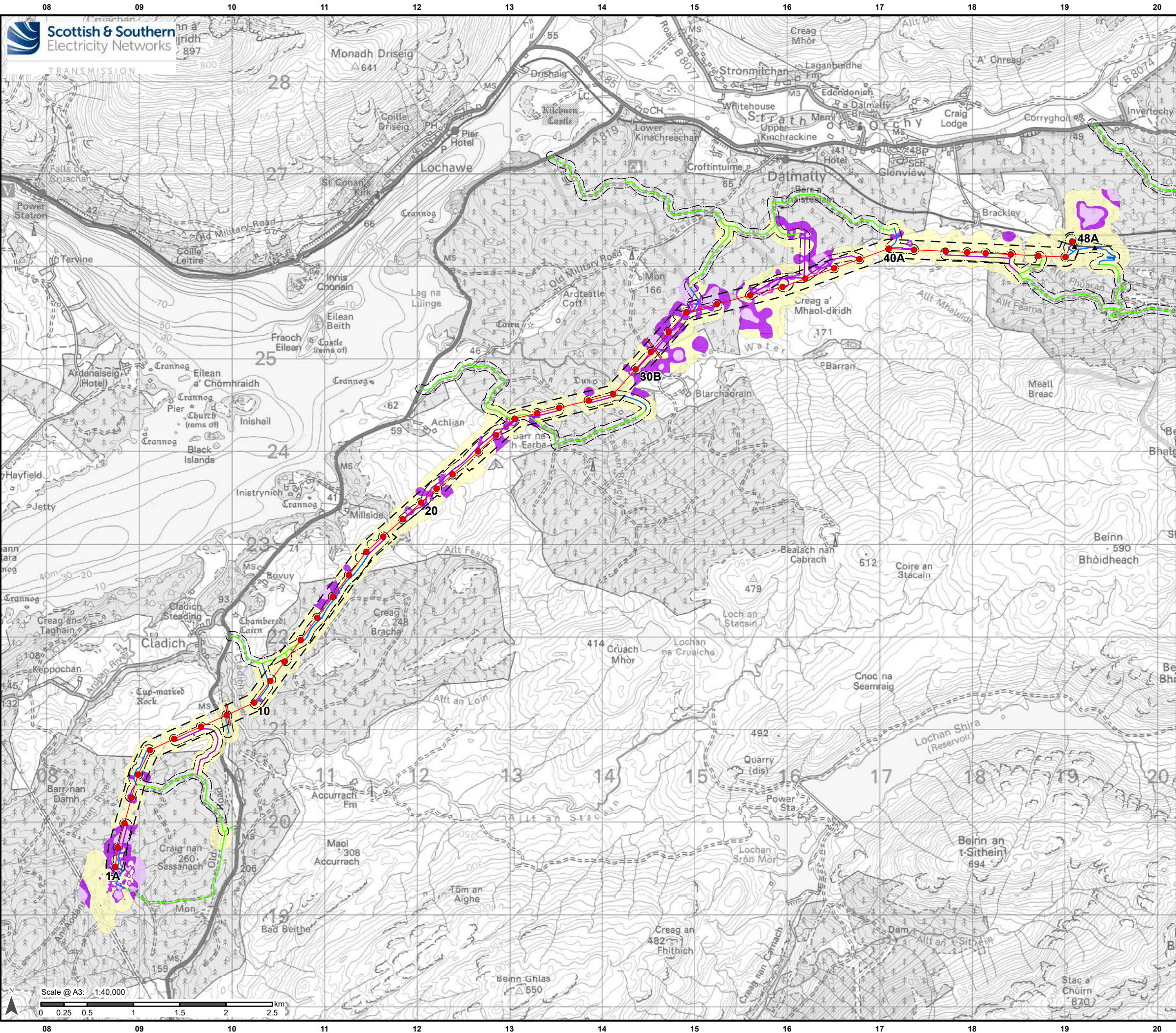
Title:  
Creag Dhubh to Dalmally 275kV Connection

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



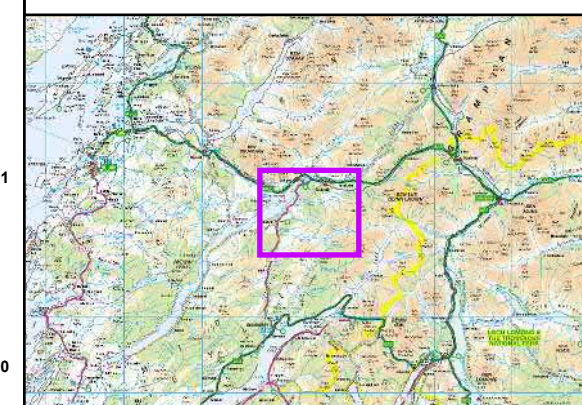


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- OHL Limit of Deviation (LOD 100 m from centre line of proposed alignment)
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- ▲ SPEN Temporary Diversion Towers
- SPEN Temporary Diversion OHL

### 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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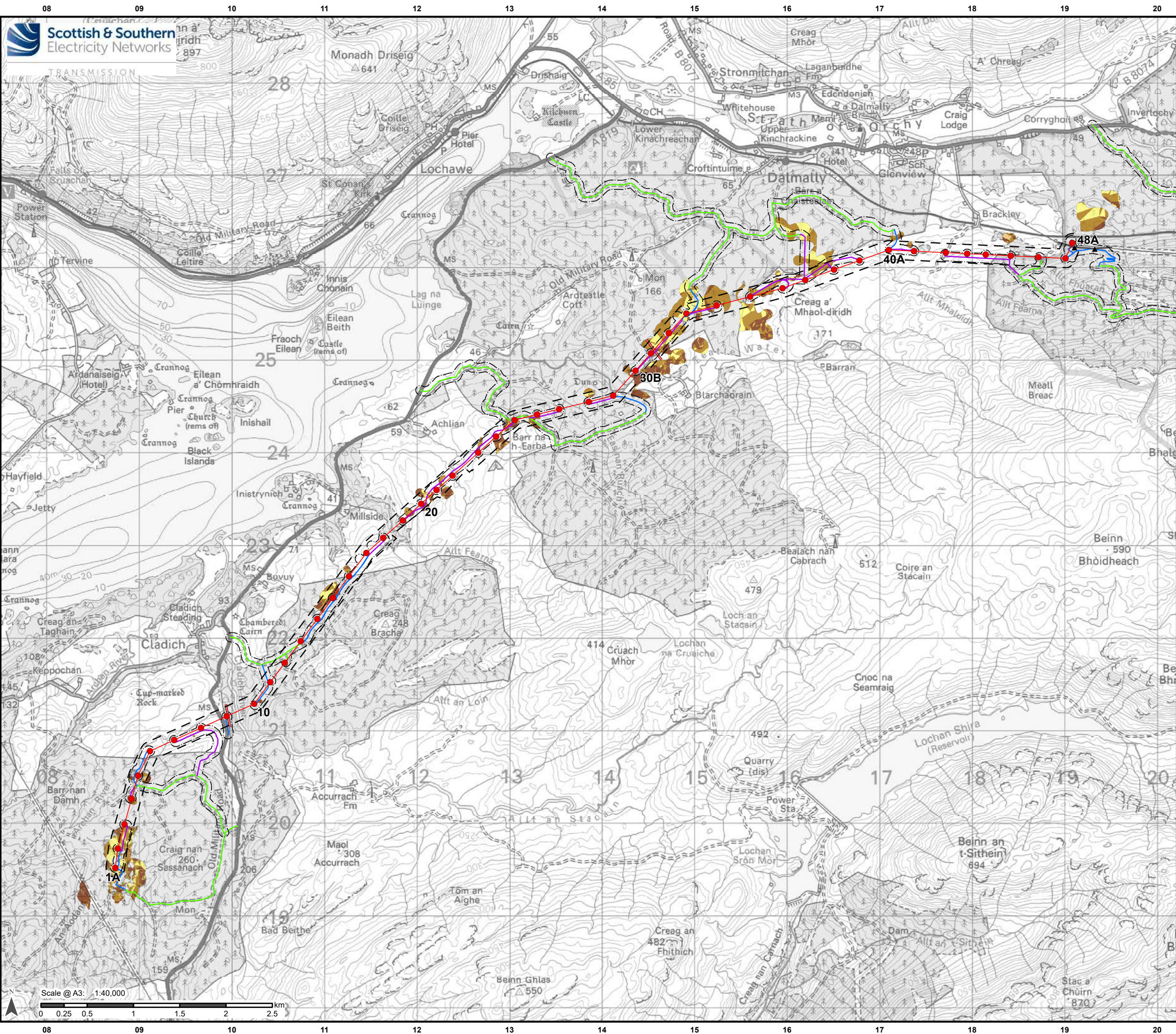
Figure 10.3.7a: LT29 Peat Landslide Hazard and Risk  
Assessment: Contributing Factor - Peat Depth Score

Drawn by: AB

Date: 04/05/2022

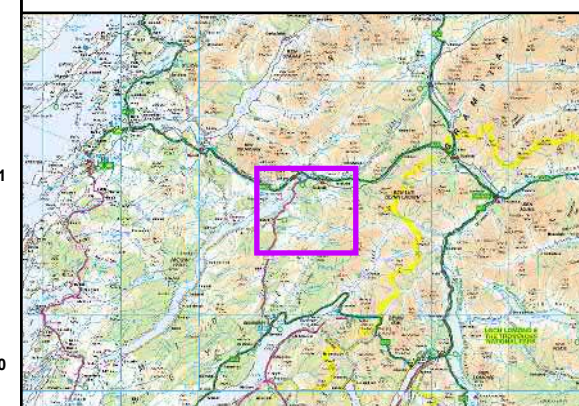
Drawing: R170\_3673\_Fig10.3.7a\_ContribFactor\_Peat\_E





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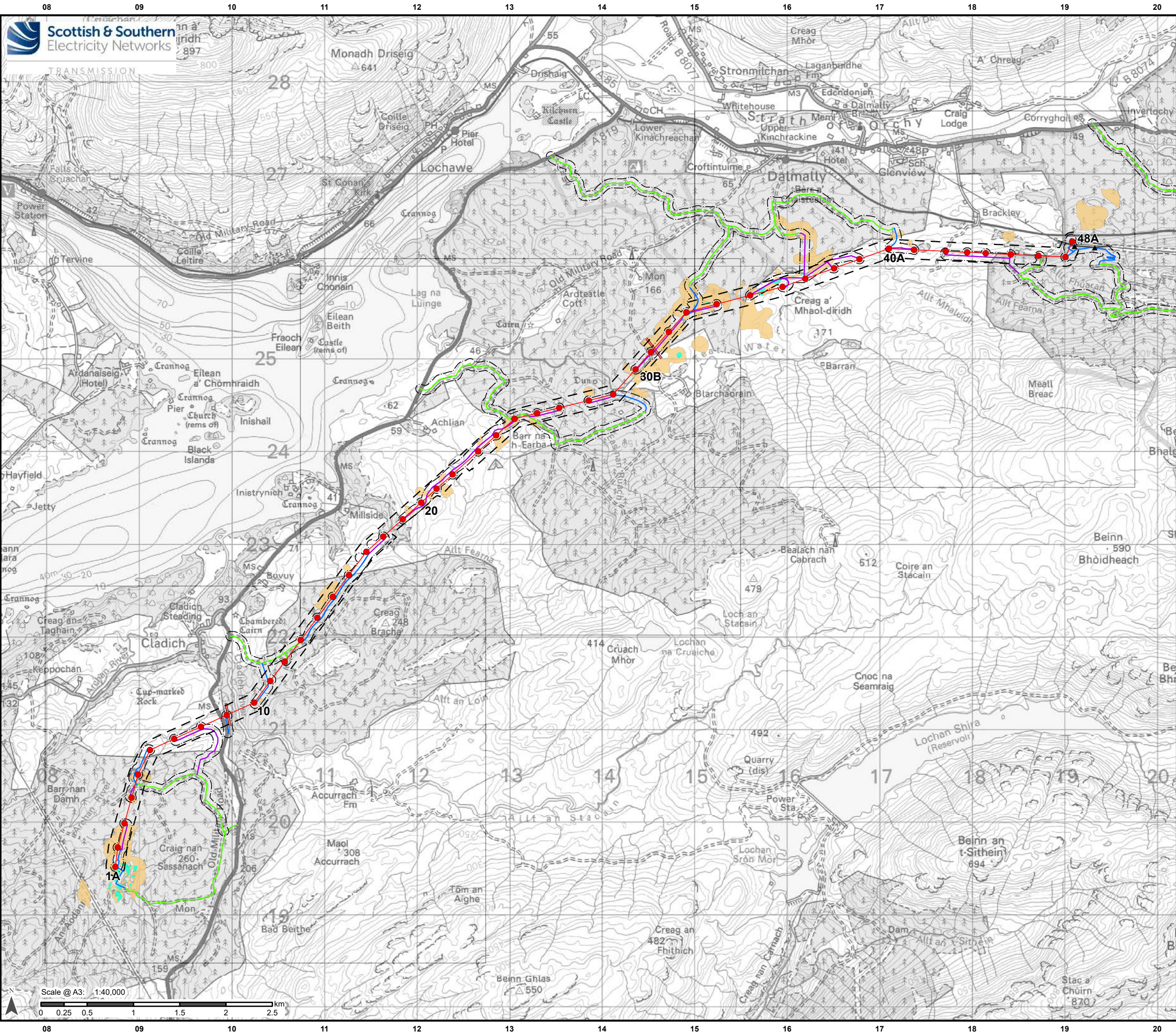
Figure 10.3.7b: LT29 Peat Landslide Hazard and Risk  
Assessment: Contributing Factor - Slope Score

Drawn by: AB

Date: 04/05/2022

Drawing: R170\_3673\_Fig10.3.7b\_ContribFactor\_Slope\_E





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- 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 OHL

#### Substrate Geology Scores (G)

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

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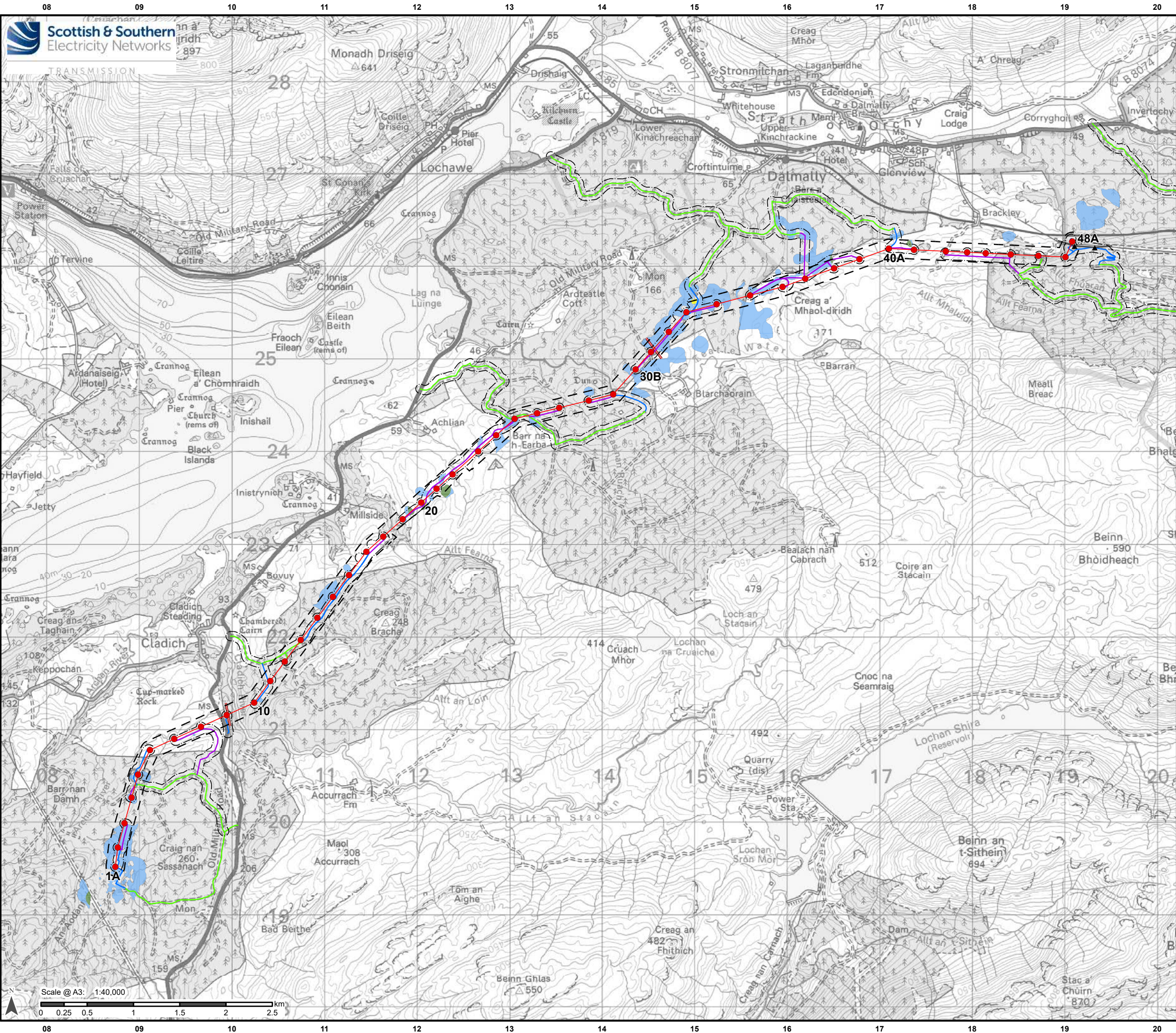
Title:  
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Figure 10.3.7c: LT29 Peat Landslide Hazard and Risk Assessment: Contributing Factor - Substrate Geology Score

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Drawing: R170\_3673\_Fig10.3.7c\_ContribFactor\_SubstrateGeo\_E





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  - ▲ SPEN Temporary Diversion Towers
  - SPEN Temporary Diversion OHL
- 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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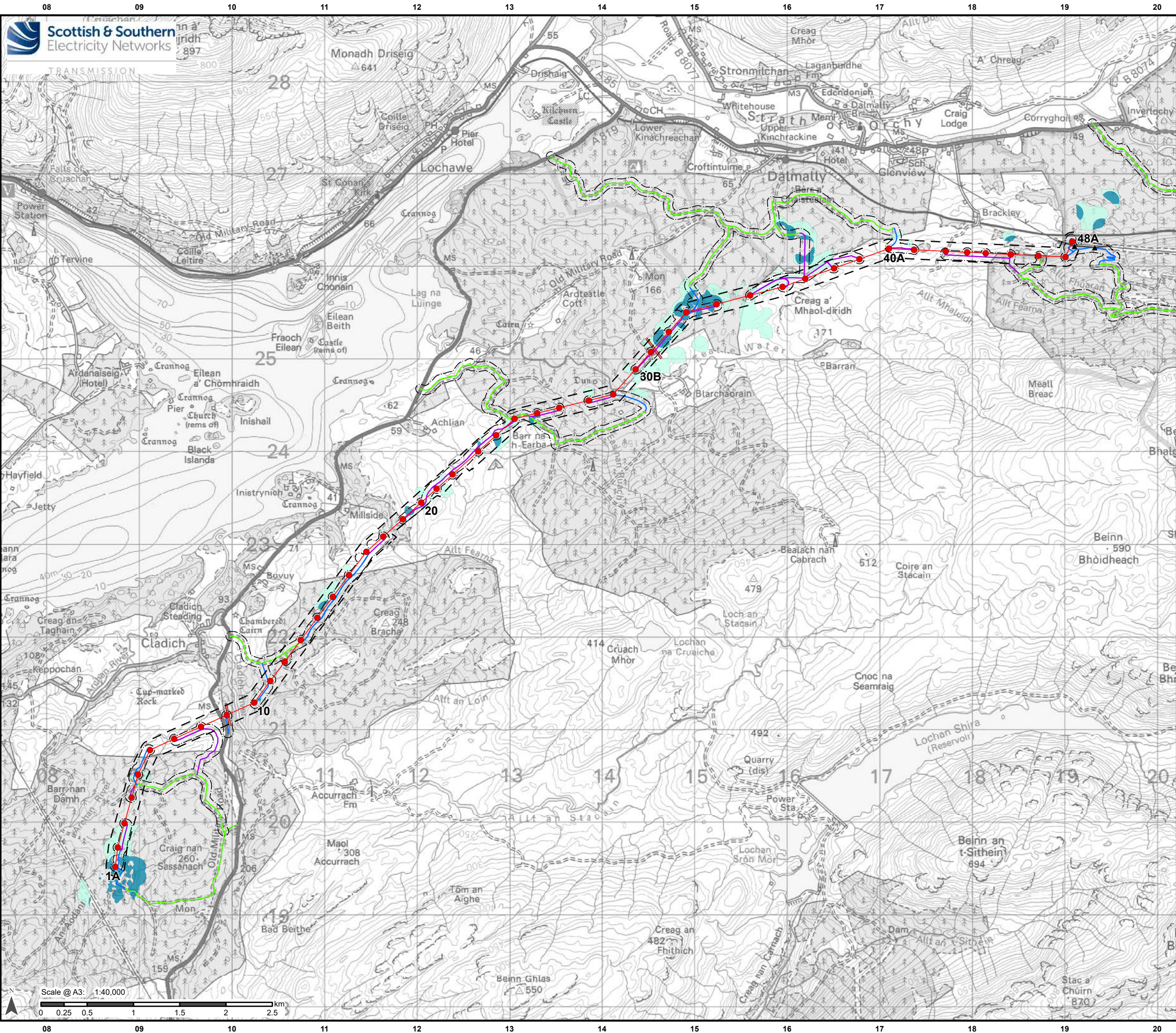
Figure 10.3.7d: LT29 Peat Landslide Hazard and Risk  
Assessment: Contributing Factor - Geomorphology Score

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Date: 04/05/2022

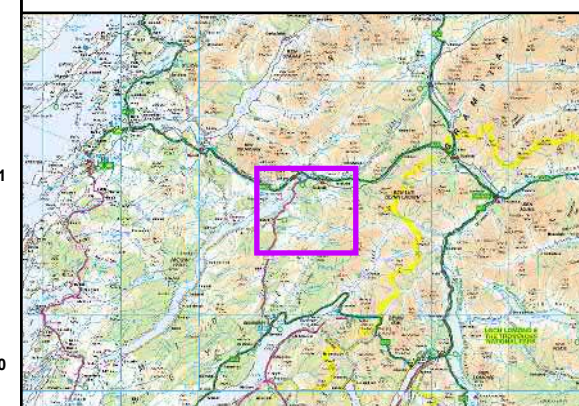
Drawing: R170\_3673\_Fig10.3.7d\_ContribFactor\_Geomorph\_E





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



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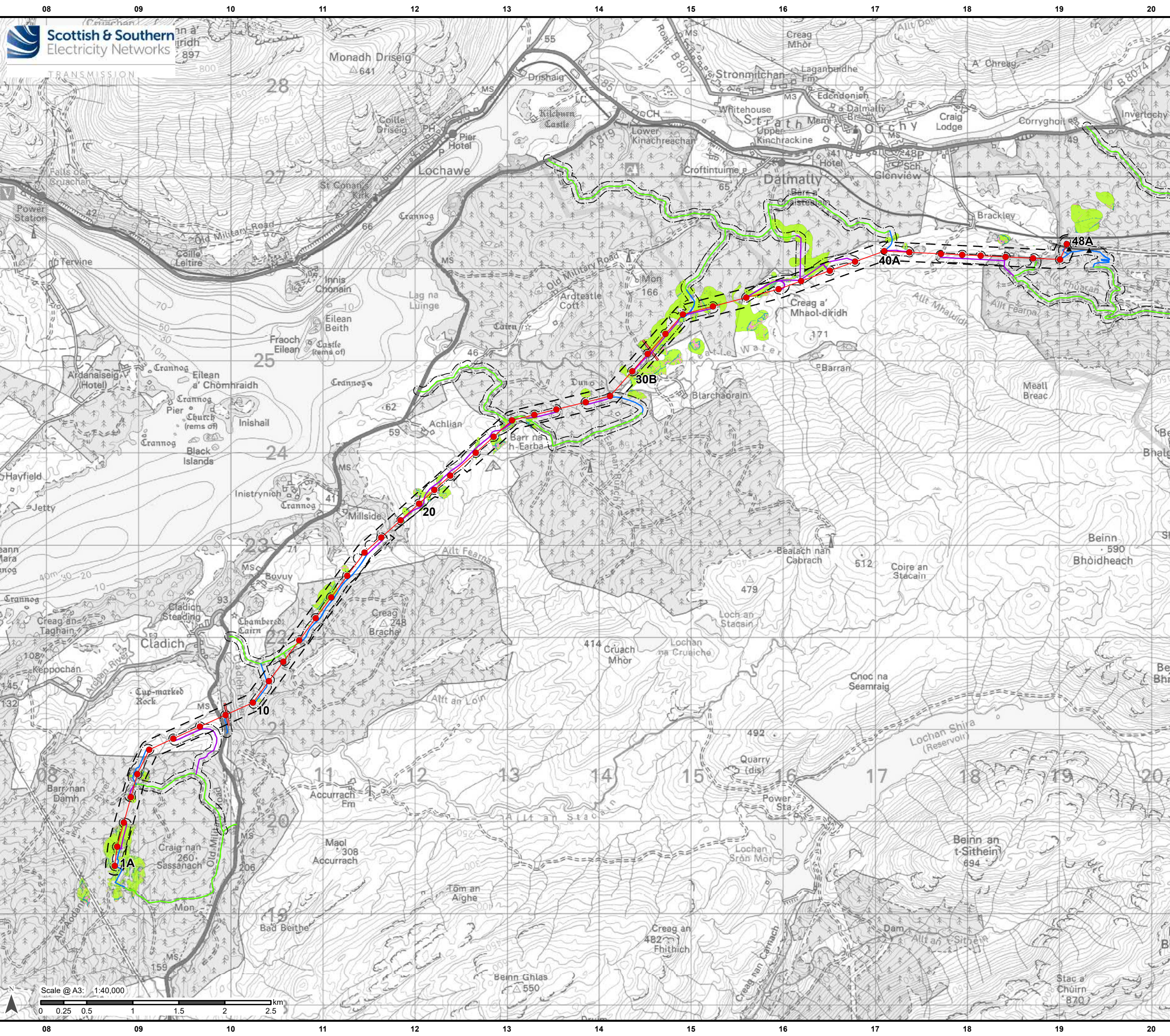
Figure 10.3.7e: LT29 Peat Landslide Hazard and Risk  
Assessment: Contributing Factor - Drainage Score

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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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Drawing: R170\_3673\_Fig10.3.7f\_ContribFactor\_Convexity\_E