Scottish & Southern Electricity Networks
TRANSMISSION

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N

0 2,25 4,5 9 13,5 18 Kilometres
Scale - 1:400,000

Key

Proposed OHL Alignment
Proposed Underground Cable

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Overview

Drawn by: AA Date: 05/09/2022

Drawing: 04707.00020.0106.0

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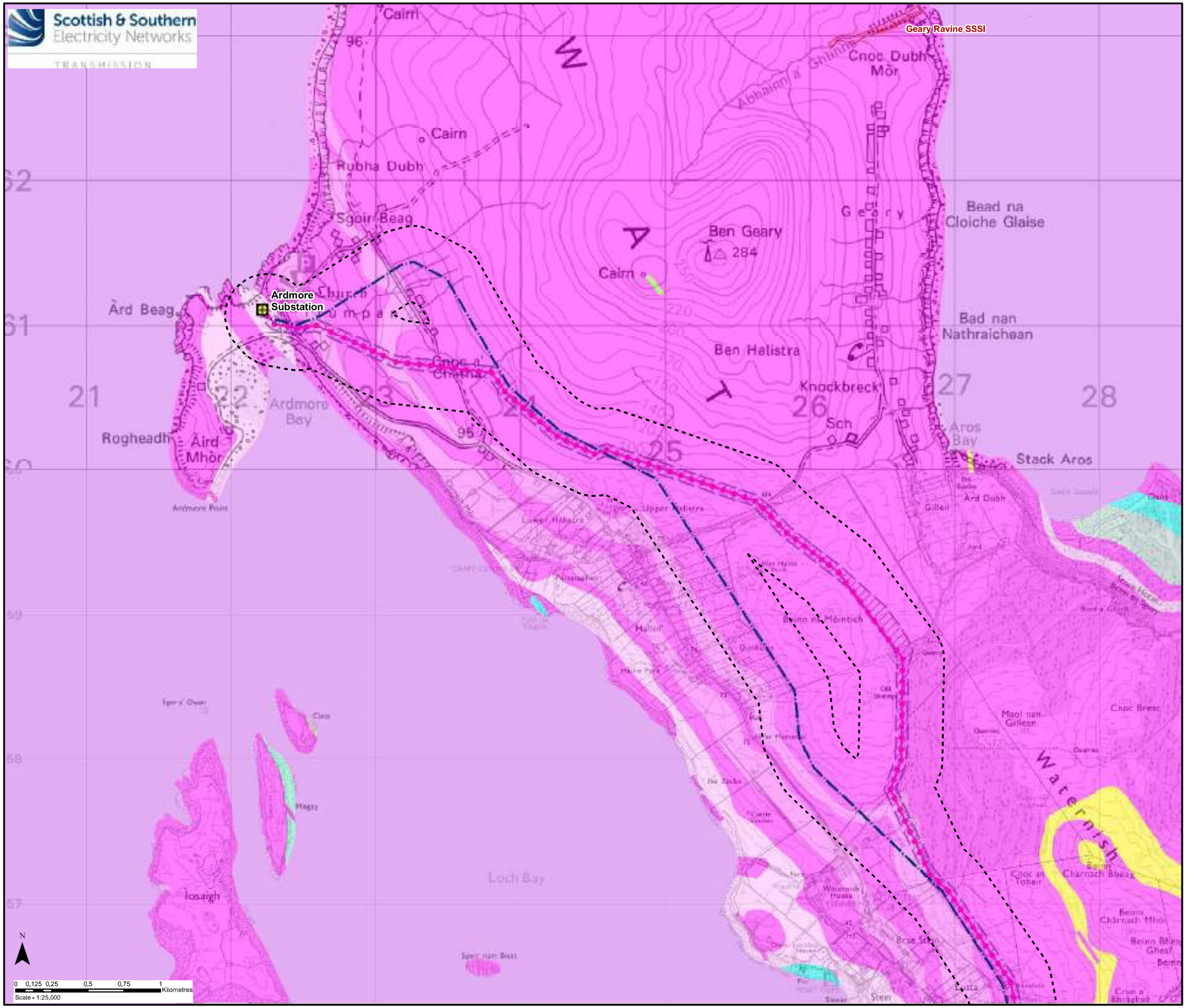
TRANSMISSION



Key

- Proposed OHL Alignment
- Proposed Wood Pole (H Pole)
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Substation
- 250m Study Area
- Site of Special Scientific Interest (SSSI)

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Skye Lava Group Basalt, Macrophyric
- Skye Lava Group Basalt and Microgabbro
- Skye Lava Group Pyroclastic Rock
- Little Minch Sill-Complex

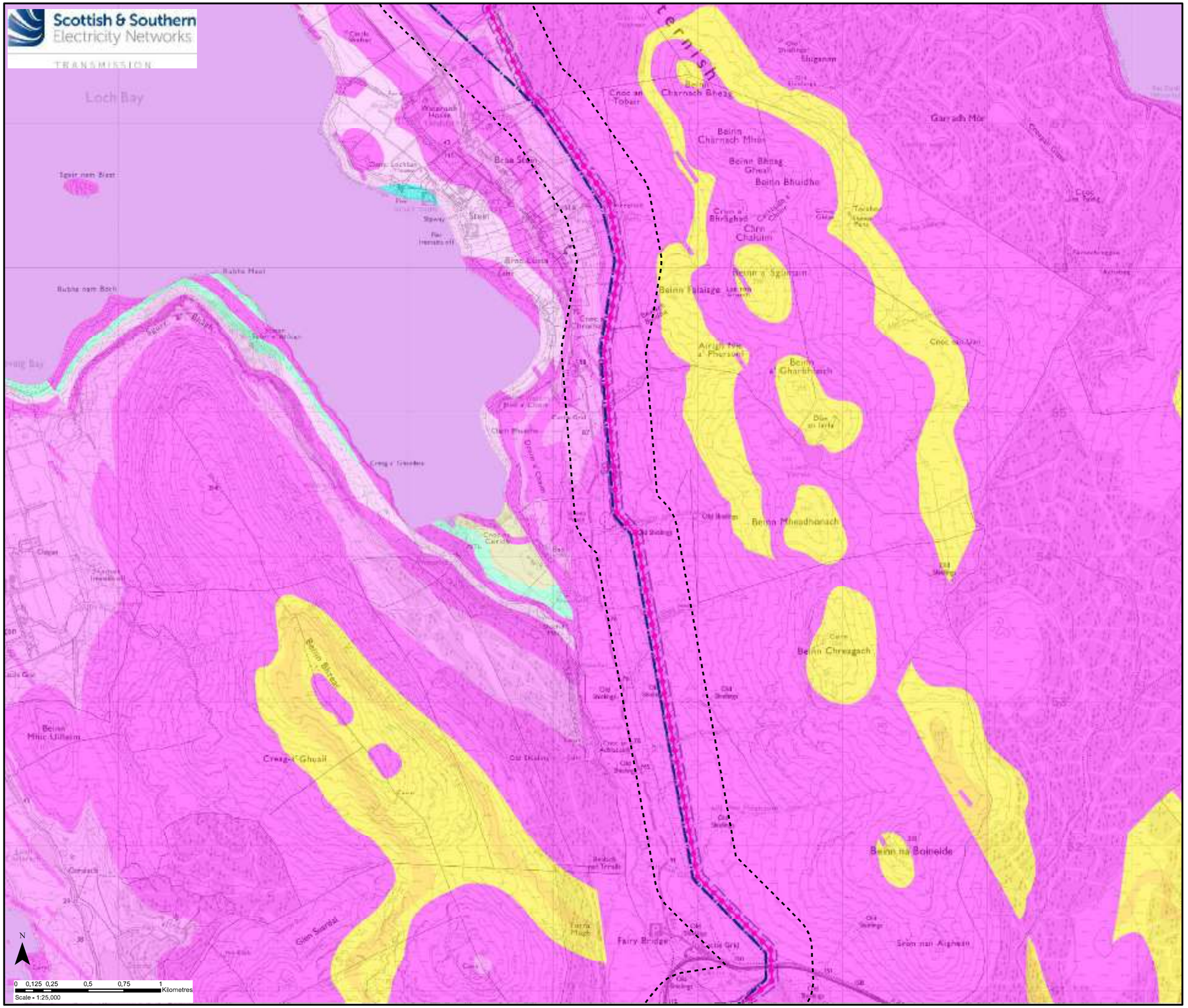
Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 1 - Section 0

Drawn by: AA Date: 05/09/2022

Drawing: 04707.00020.0106.0



Key

- Proposed OHL Alignment
- ● Proposed Wood Pole (H Pole)
- ▨ Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- ⬚ 250m Study Area

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Skye Lava Group Hawaiite and Mugearite
- Skye Lava Group Basalt, Macrophyric
- Skye Lava Group Basalt and Microgabbro
- Skye Lava Group Pyroclastic Rock

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Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 2 - Section 0

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Drawing: 04707.00020.0106.0

Scottish & Southern Electricity Networks
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Isle of Skye

Dunvegan Substation

N

0 0,125 0,25 0,5 0,75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Wood Pole (H Pole)
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Substation
- 250m Study Area

Bedrock Geology within Study Area

Palaeogene

- Skye Lava Group Feldspar Phyric Hawaiite and Mugearite
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Skye Lava Group Hawaiite and Mugearite
- Skye Lava Group Basalt and Microgabbro

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 3 - Section 0

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Scottish & Southern Electricity Networks
TRANSMISSION

An Cleireach SSSI
An Cleireach GCR
Edinbane Substation
Ros a' Mheallain GCR
Section 0
Section 1

N
0 0.125 0.25 0.5 0.75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Wood Pole (H Pole)
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track
- New Temporary Access Track
- New Temporary Spur to Towers
- Limit of Deviation (Access Tracks)
- Existing Substation to be Extended (separate application)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Troctolite, Bytownite
- North Britain Palaeogene Dyke Suite Gabbro
- Skye Lava Group Trachyte
- Skye Lava Group Feldspar Phyric Hawaiite and Mugearite
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Skye Lava Group Hawaiite and Mugearite
- Skye Lava Group Basalt and Microgabbro

Project No:	LT91
Project:	Skye Reinforcement Project EIA Report
Title:	Figure V2-7.2 Bedrock Geology Map 4 - Sections 0 & 1
Drawn by:	AA Date: 05/09/2022
Drawing:	04707.00020.0106.0

Scottish & Southern Electricity Networks
TRANSMISSION

Isle of Skye

N

0 0.125 0.25 0.5 0.75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track to be Upgraded
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- Temporary Bellmouth
- Limit of Deviation (Access Tracks)
- 250m Study Area

Bedrock Geology within Study Area

Palaeogene

- Skye Lava Group Hawaiite
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Skye Lava Group Hawaiite and Mugearite
- Skye Lava Group Basalt and Microgabbro

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 5 - Section 1

Drawn by: AA Date: 05/09/2022

Drawing: 04707.00020.0106.0

Scottish & Southern Electricity Networks
TRANSMISSION

Roineval SSSI
Roineval GCR

0 0.125 0.25 0.5 0.75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track to be Upgraded
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- Limit of Deviation (Access Tracks)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- Skye Lava Group Hawaiite
- Skye Lava Group Hawaiite and Mugearite
- Skye Lava Group Basalt and Microgabbro

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 6 - Section 1

Drawn by: AA Date: 05/09/2022

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Scottish & Southern Electricity Networks
TRANSMISSION

Roineval GCR
Roineval SSSI
Roineval GCR
Sligachan SSSI
Section 1
Section 2
Glen Varragill
Strath Barragill
Beinn nan Capull
Meall Odhar Beag
Meall Odhar Mor
Meallan Gairnitich
Meall an Fhuarain
Broc-bheinn
Coire Reidh nan Loch
Dub Beag
Varragill
Old Stedings

N

0 0,125 0,25 0,5 0,75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Underground Cable
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track
- Existing Access Track to be Upgraded
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- New Bellmouth
- Limit of Deviation (Access Tracks)
- Sealing End Compound
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- Skye Lava Group Hawaiite
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Skye Lava Group Hawaiite and Mugearite
- Skye Lava Group Basalt and Microgabbro

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 7 - Sections 1 & 2

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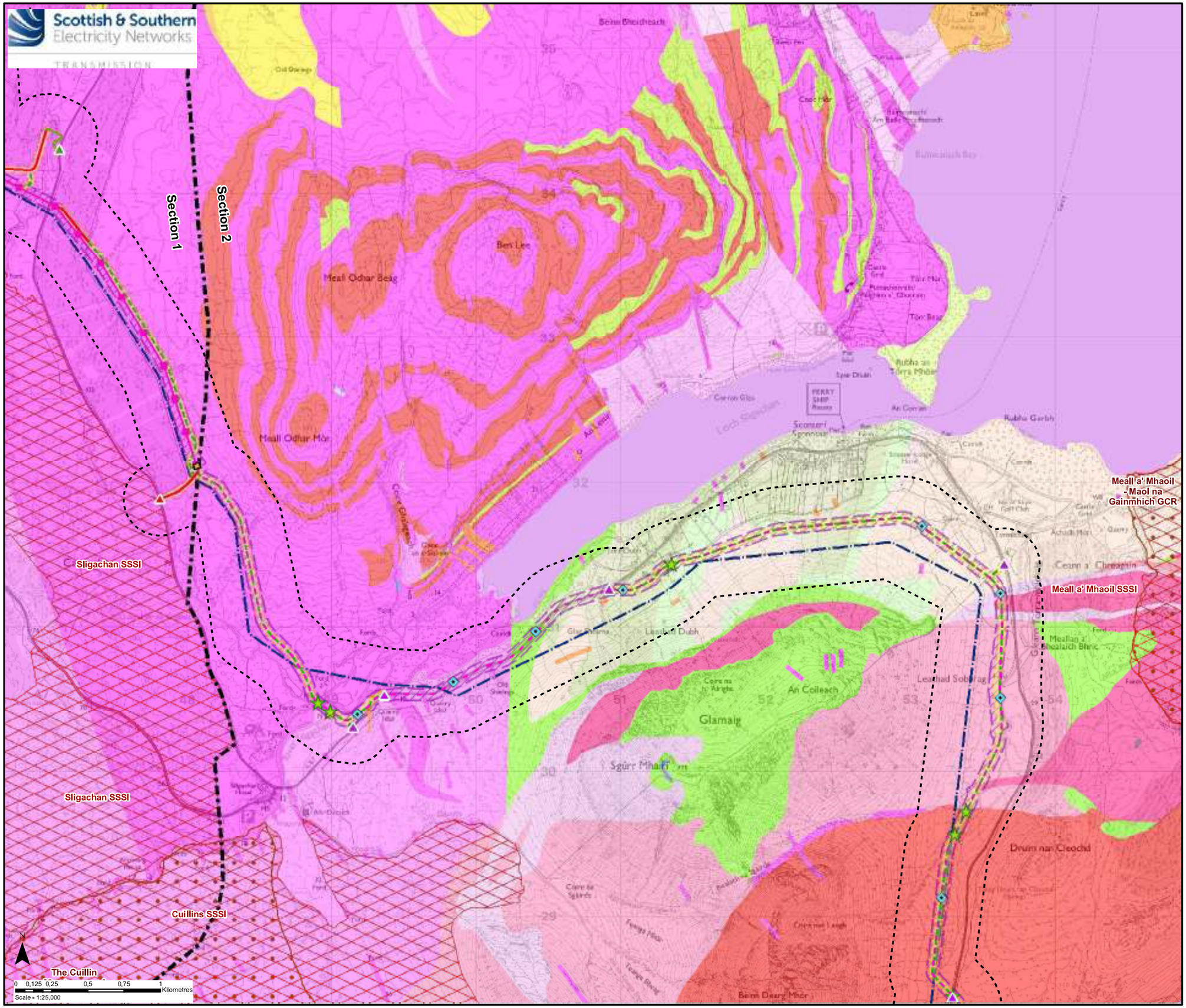

Key

- Proposed OHL Alignment
- Proposed Underground Cable
- Proposed Steel Lattice Tower
- Indicative Cable Link Box
- Horizontal Directional Drill (HDD) Location (Indicative)
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- New Bellmouth
- Temporary Bellmouth
- Limit of Deviation (Access Tracks)
- Sealing End Compound
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Microgranitic Rock
- North Britain Palaeogene Dyke Suite Felsite
- Skye Lava Group Hawaiite
- Skye Lava Group Basalt, Hornfelsed
- North Britain Palaeogene Dyke Suite Basalt and Microgabbro
- Skye Lava Group Basalt and Microgabbro
- Coire Na Circe Formation
- Marsco Hybrids (Skye Western Red Hills Centre)
- Northern Porphyritic Felsite (Skye Western Red Hills Centre)
- Loch Ainort Granite (Western Red Hills Centre: Phase 6)
- Meall Buidhe Granite (Western Red Hills Centre: Phase 8)
- Beinn Deag Mhor Granite (Western Red Hills Centre: Phase 5)
- Glamaig Granite (Western Red Hills Centre: Phase 1)

Jurassic

- Ardnish Formation
- Breakish Formation
- Pabay Shale Formation

Permian

- Stornoway Formation

Period Not Defined

- Applecross Formation

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 8 - Sections 1 & 2

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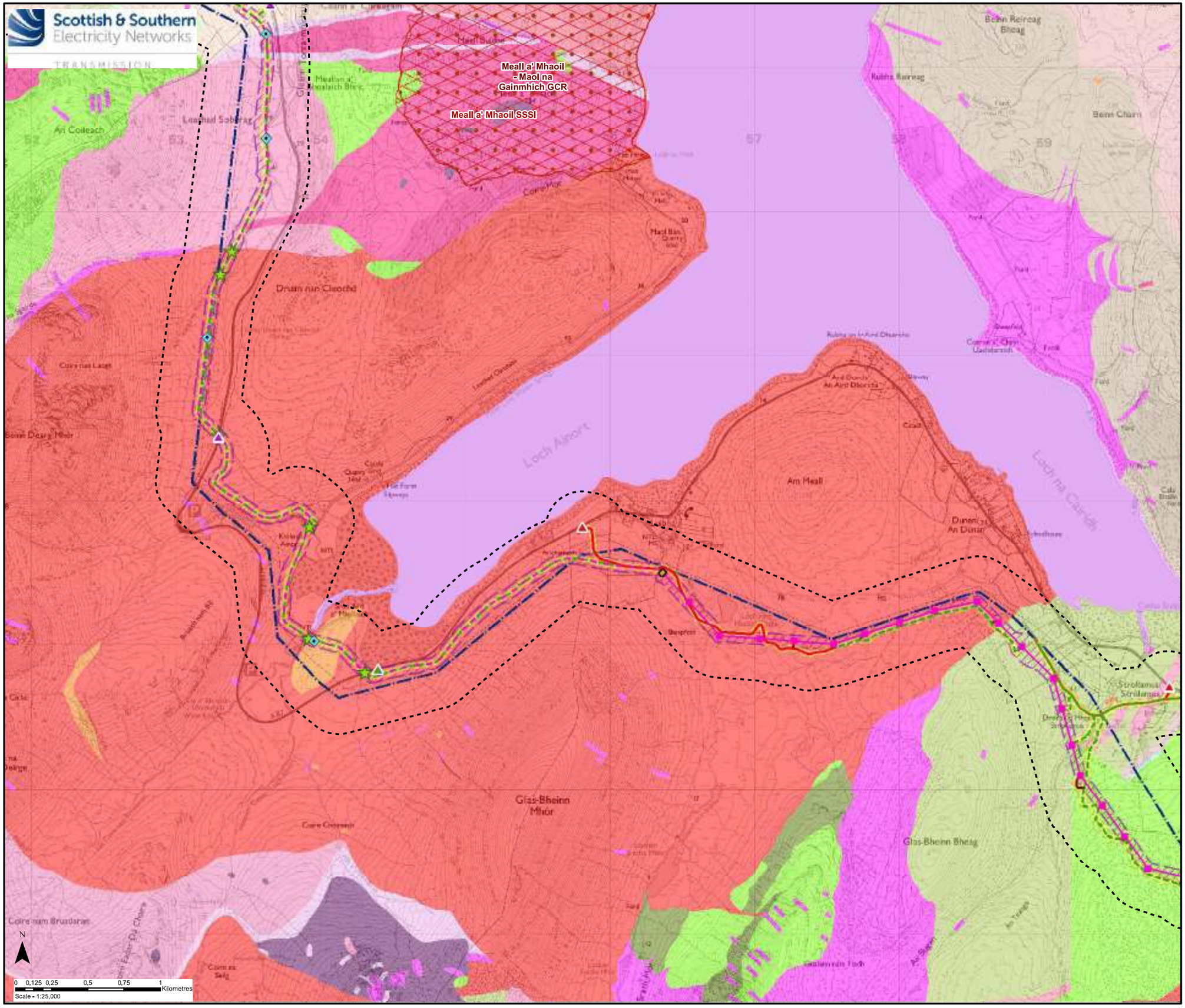

Key

- Proposed OHL Alignment
- Proposed Underground Cable
- Proposed Steel Lattice Tower
- Indicative Cable Link Box
- Horizontal Directional Drill (HDD) Location (Indicative)
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track to be Upgraded
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- New Bellmouth
- Temporary Bellmouth
- Limit of Deviation (Access Tracks)
- Sealing End Compound
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- Skye Central Complex Microgranite
- Skye Central Complex Granite
- North Britain Palaeogene Dyke Suite Felsite
- Skye Lava Group Basalt, Hornfelsed
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Marsco Hybrids (Skye Western Red Hills Centre)
- Northern Porphyritic Felsite (Skye Western Red Hills Centre)
- Loch Ainort Granite (Western Red Hills Centre: Phase 6)
- Meall Buidhe Granite (Western Red Hills Centre: Phase 8)
- Beinn Deag Mhor Granite (Western Red Hills Centre: Phase 5)
- Glamaig Granite (Western Red Hills Centre: Phase 1)
- Glas Bheinn Mhor Granite (Skye Eastern Red Hills Centre: Phase 1)

Cretaceous

- Upper Cretaceous Rocks (Undifferentiated)

Jurassic

- Ardnish Formation
- Bearreraig Sandstone Formation
- Breakish Formation
- Great Estuarine Group
- Pabay Shale Formation
- Staffin Shale Formation And Staffin Bay Formation (Undifferentiated)

Permian

- Stornoway Formation

Period Not Defined

- Applecross Formation

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 9 - Section 2

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Scottish & Southern Electricity Networks
TRANSMISSION

Section 2
Section 3

Broadford Substation

Rubh' an Eireannaich SSSI

Mointeach nan Lochain Dubha SSSI

Strath SSSI

N

0 0,125 0,25 0,5 0,75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Steel Lattice)
- Existing 132 kV OHL to be Dismantled (Wood Pole)
- Existing Access Track to be Upgraded
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- New Bellmouth
- Temporary Bellmouth
- Limit of Deviation (Access Tracks)
- Existing Substation to be Extended (separate application)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)

Bedrock Geology within Study Area

Palaeogene

- Skye Central Complex Granite
- Skye Central Complex Basaltic Andesite and Rhyolite
- North Britain Palaeogene Dyke Suite Microgranite, Porphyritic
- North Britain Palaeogene Dyke Suite Granitic Rock
- North Britain Palaeogene Dyke Suite Felsite
- Skye Lava Group Basalt, Hornfelsed
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- Marsco Granite (Western Red Hills Centre: Phase 4)
- Northern Porphyritic Felsite (Skye Western Red Hills Centre)
- North Britain Palaeogene Sill Suite
- Broadford Gabbro (Skye Eastern Red Hills Centre)
- Glas Bheinn Mhor Granite (Skye Eastern Red Hills Centre: Phase 1)
- An Sithean Granite

Cretaceous

- Upper Cretaceous Rocks (Undifferentiated)

Jurassic

- Ardnish Formation
- Bearreraig Sandstone Formation
- Breakish Formation
- Great Estuarine Group
- Staffin Shale Formation And Staffin Bay Formation (Undifferentiated)

Permian

- Stornoway Formation

Ordivician

- Strath Suardal Formation
- Ben Suardal Member

Period Not Defined

- Applecross Formation
- Mullach Nan Carn Member

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 10 - Sections 2 & 3

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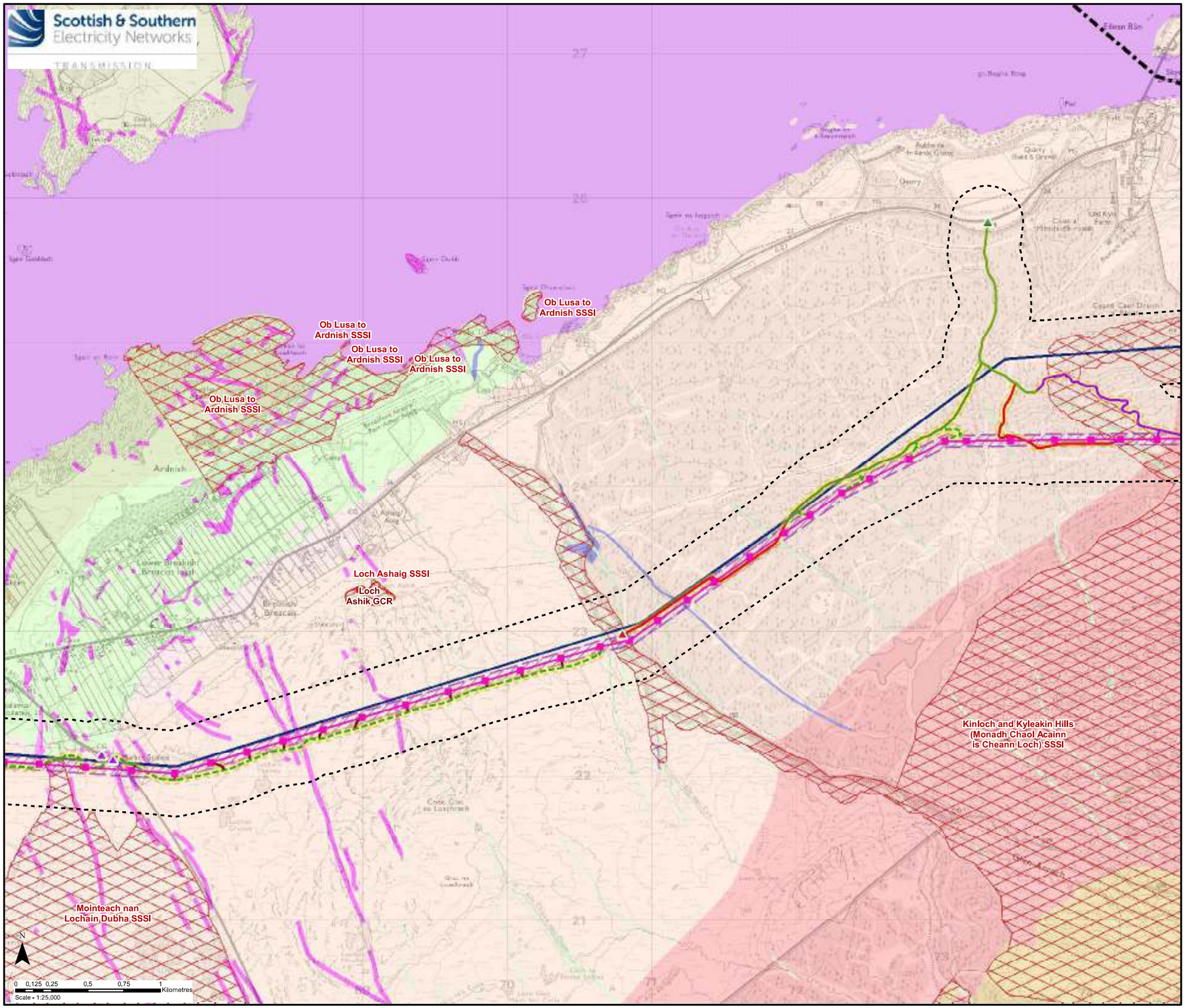

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Steel Lattice)
- Existing Access Track
- Existing Access Track to be Upgraded
- New Permanent Access Track (Floating Construction)
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- New Bellmouth
- Temporary Bellmouth
- Limit of Deviation (Access Tracks)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Microgabbro and Basalt
- Skye Central Complex Basaltic Andesite and Rhyolite
- North Britain Palaeogene Dyke Suite Peridotite
- North Britain Palaeogene Dyke Suite Basalt and Microgabro
- North Britain Palaeogene Sill Suite

Jurassic

- Breakish Formation

Permian

- Stornoway Formation

Period Not Defined

- Applecross Formation
- Kinloch Formation
- Beinn Na Seamraig Formation

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 11 - Section 3

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Scottish & Southern Electricity Networks
TRANSMISSION

Section 4

Section 3

Kinloch and Kyleakin Hills (Monadh Chaol Acainn is Cheann Loch) SSSI

Kylerhea Glen GCR

Section 3

Section 4

N

0 0,125 0,25 0,5 0,75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Existing Steel Lattice Tower to be Retained
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Steel Lattice)
- Existing Access Track
- Existing Access Track to be Upgraded
- New Permanent Access Track (Cut / Fill Construction)
- New Permanent Access Track (Floating Construction)
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- Limit of Deviation (Access Tracks)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Microgabbro and Basalt
- North Britain Palaeogene Dyke Suite Peridotite
- North Britain Palaeogene Dyke Suite Felsite and Granophyric Granite

Period Not Defined

- Lower Morar Psammite Formation Psammite
- Lower Morar Psammite Formation Pelite
- Applecross Formation
- Kinloch Formation
- Beinn Na Seamraig Formation
- Lewisian Complex
- Loch Na Dal Formation

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 12 - Sections 3 & 4

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Scottish & Southern Electricity Networks
TRANSMISSION

(Monadh Chaol Acainn is Cheann Loch) SSSI

Cosag Sallow Carr SSSI

Glen More GCR

Glen More GCR

Section 3

Section 4

N

0 0.125 0.25 0.5 0.75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Existing Steel Lattice Tower to be Retained
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Steel Lattice)
- Existing Access Track
- Existing Access Track to be Upgraded
- New Permanent Access Track (Floating Construction)
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- Existing Bellmouth
- New Bellmouth
- Limit of Deviation (Access Tracks)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene

- North Britain Palaeogene Dyke Suite Microgabbro and Basalt
- North Britain Palaeogene Dyke Suite Felsite and Granophyric Granite

Silurian

- North Britain Siluro-Devonian Calc-Alkaline Dyke Suite

Period Not Defined

- Lower Morar Psammite Formation Psammite
- Lower Morar Psammite Formation Pelite
- Lower Morar Psammite Formation Psammite Migmatitic
- Loch Duich Gneisses
- Kinloch Formation
- Beinn Na Seamraig Formation
- Lewisian Complex
- Loch Na Dal Formation

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 13 - Sections 3 & 4

Drawn by: AA Date: 05/09/2022

Drawing: 04707.00020.0106.0

Scottish & Southern Electricity Networks
TRANSMISSION

Glen More GCR
Beinn a' Chapuill GCR
Druim Iosal SSSI
Druim Iosal GCR
Beinn a' Chapuill SSSI

N
0 0.125 0.25 0.5 0.75 1 Kilometres
Scale - 1:25,000

Key

- Proposed OHL Alignment
- Proposed Steel Lattice Tower
- Limit of Deviation (OHL / Underground Cable)
- Existing 132 kV OHL to be Dismantled (Steel Lattice)
- Existing Access Track
- Existing Access Track to be Upgraded
- New Permanent Access Track (construction type to be determined)
- New Temporary Access Track
- New Temporary Spur to Towers
- New Bellmouth
- Limit of Deviation (Access Tracks)
- 250m Study Area
- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review Site (GCR)

Bedrock Geology within Study Area

Palaeogene
- North Britain Palaeogene Dyke Suite Microgabbro and Basalt

Silurian
- North Britain Siluro-Devonian Calc-Alkaline Dyke Suite

Cambrian
- Pre-Caledonian And/Or Caledonian Minor Intrusion Suite

Period Not Defined
- Lower Morar Psammite Formation Psammite
- Lower Morar Psammite Formation Pelite
- Lower Morar Psammite Formation Psammite Migmatitic
- Loch Duich Gneisses
- Lewisian Complex

Project No: LT91

Project: Skye Reinforcement Project
EIA Report

Title: Figure V2-7.2
Bedrock Geology
Map 14 - Section 4

Drawn by: AA Date: 05/09/2022

Drawing: 04707.00020.0106.0