



**SP ENERGY
NETWORKS**

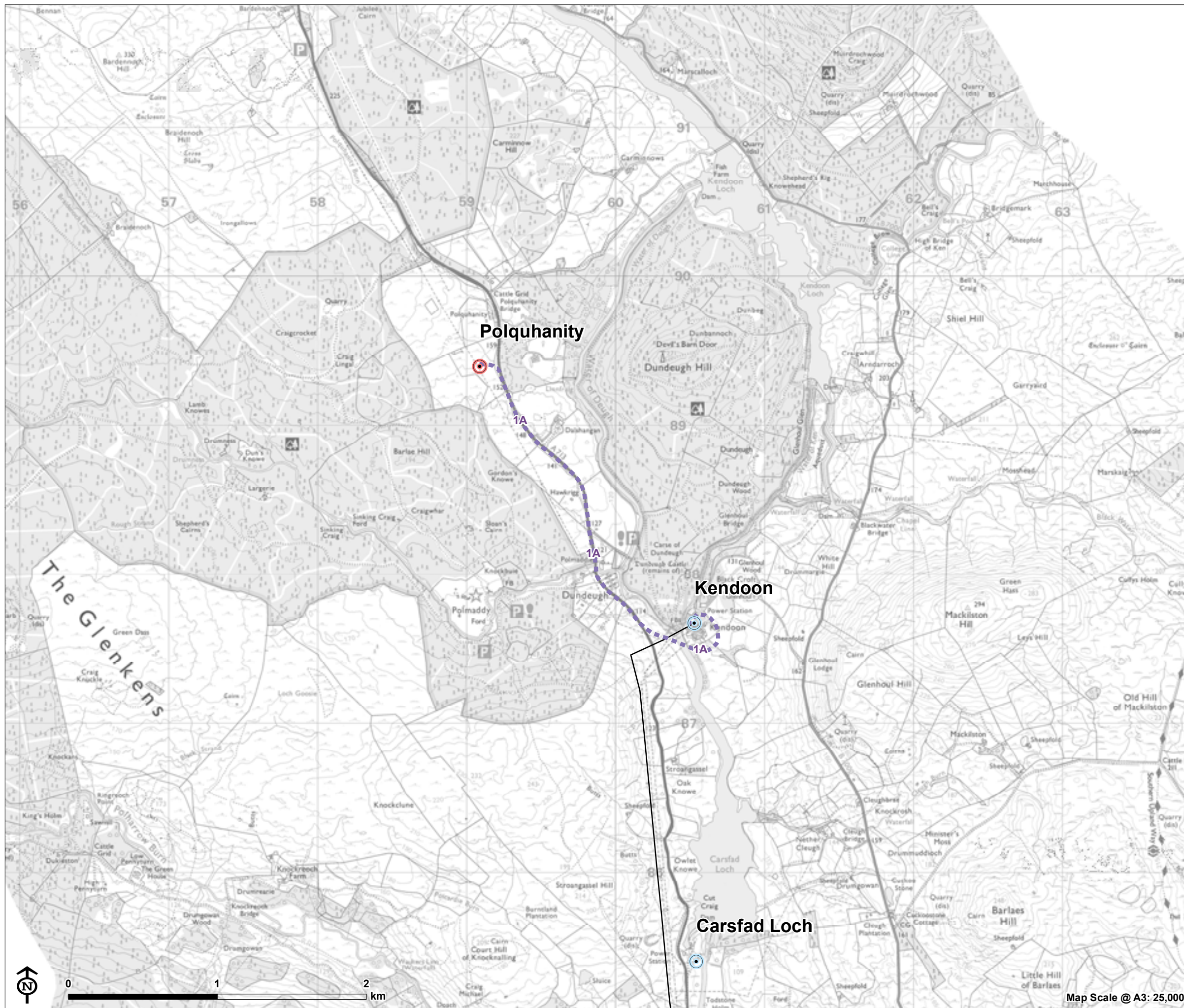
The Kendoon to Tongland 132kV Reinforcement Project

**Underground cable study
summary report**

Figures 1.1 to 1.3

July 2020

Figure 1: Stage 1 - Assessment Route Options



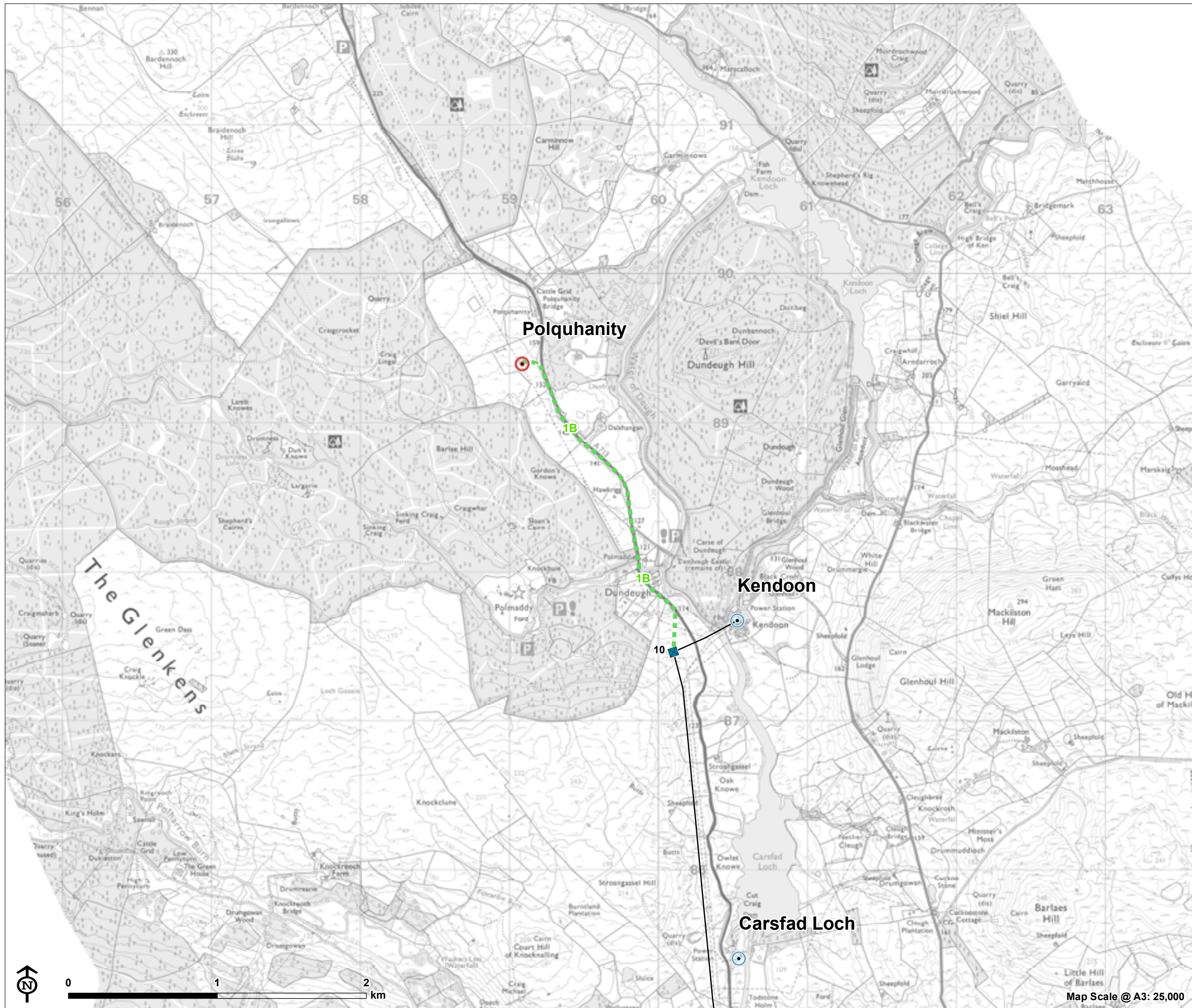
KTR Undergrounding Study

Figure 1.1A: Stage 1 Assessment Route Options

Underground Cable Option

- 1A
- Polquhany sealing end and terminal tower
- Substation and hydro electricity generating station
- Proposed KTR Project Overhead Line Connection





KTR Undergrounding Study

Figure 1.1B: Stage 1 Assessment Route Options

Underground Cable Option

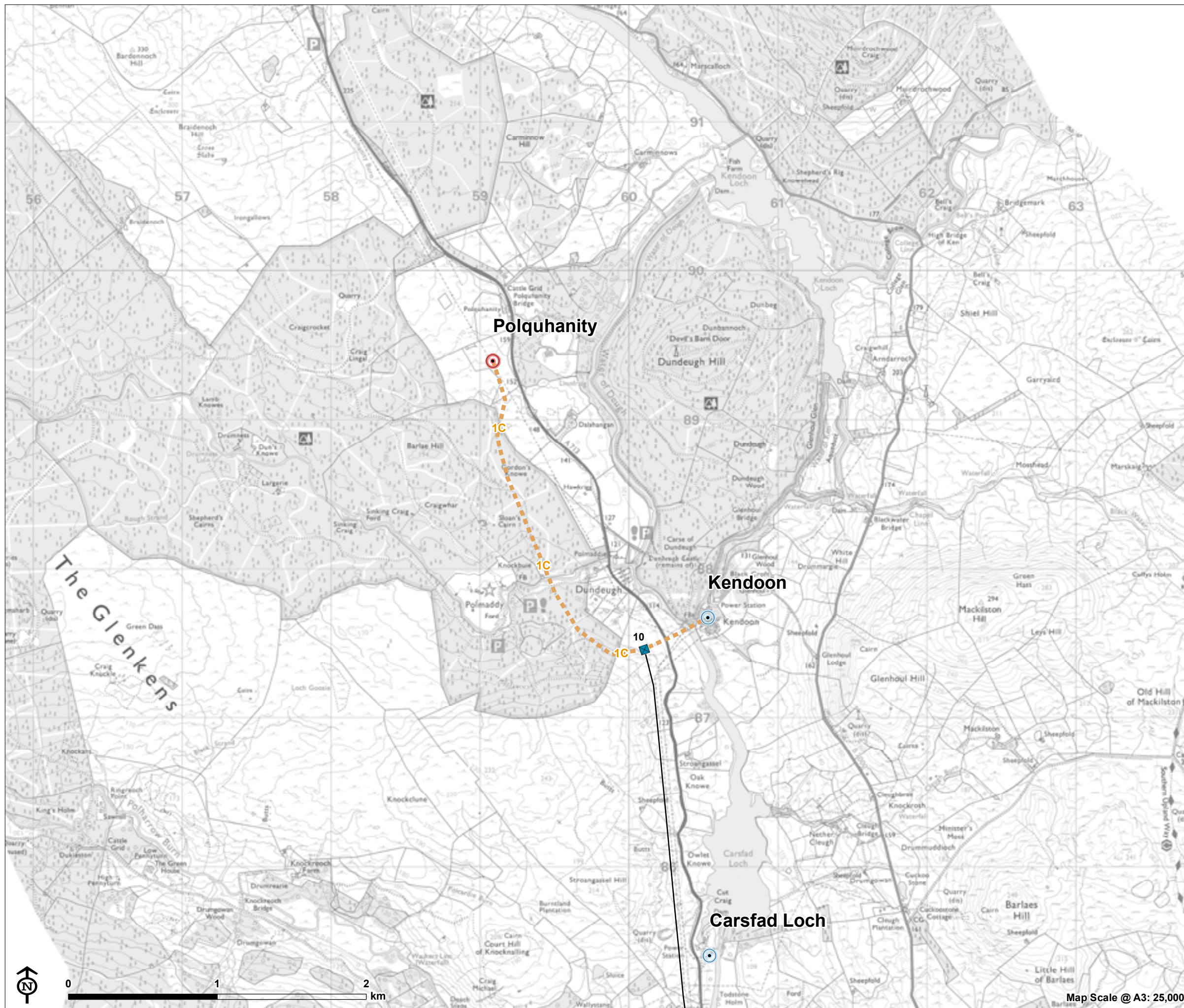
1B

- Polquhany sealing end and terminal tower
- Substation and hydro electricity generating station

Overhead Line Connection

- Polquhany to Glenlee via Kendoon (steel lattice tower)
- Proposed KTR Project Overhead Line Connection





KTR Undergrounding Study

Figure 1.1C: Stage 1 Assessment Route Options

Underground Cable Option

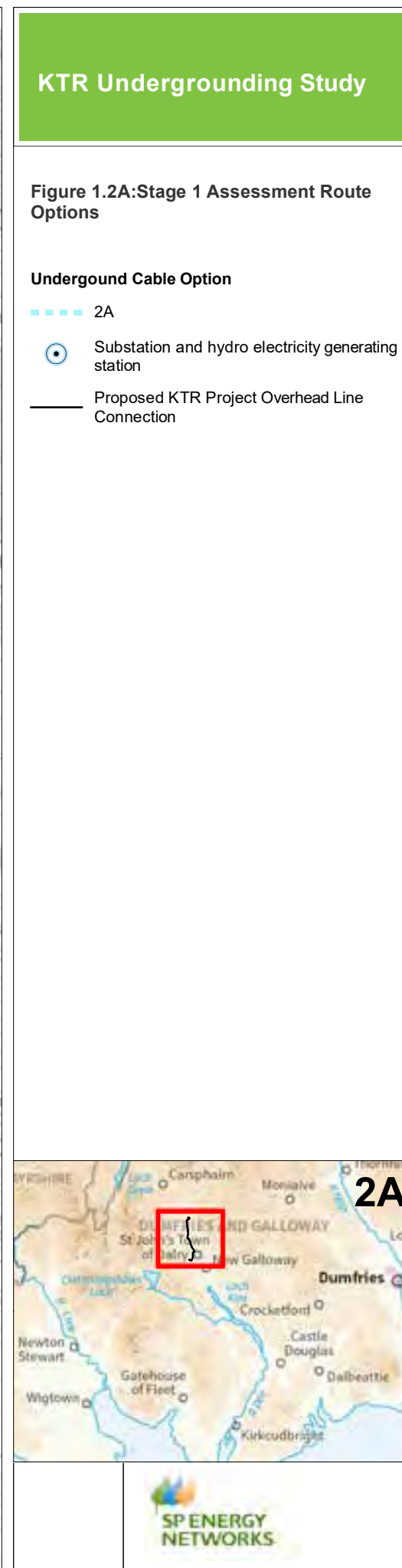
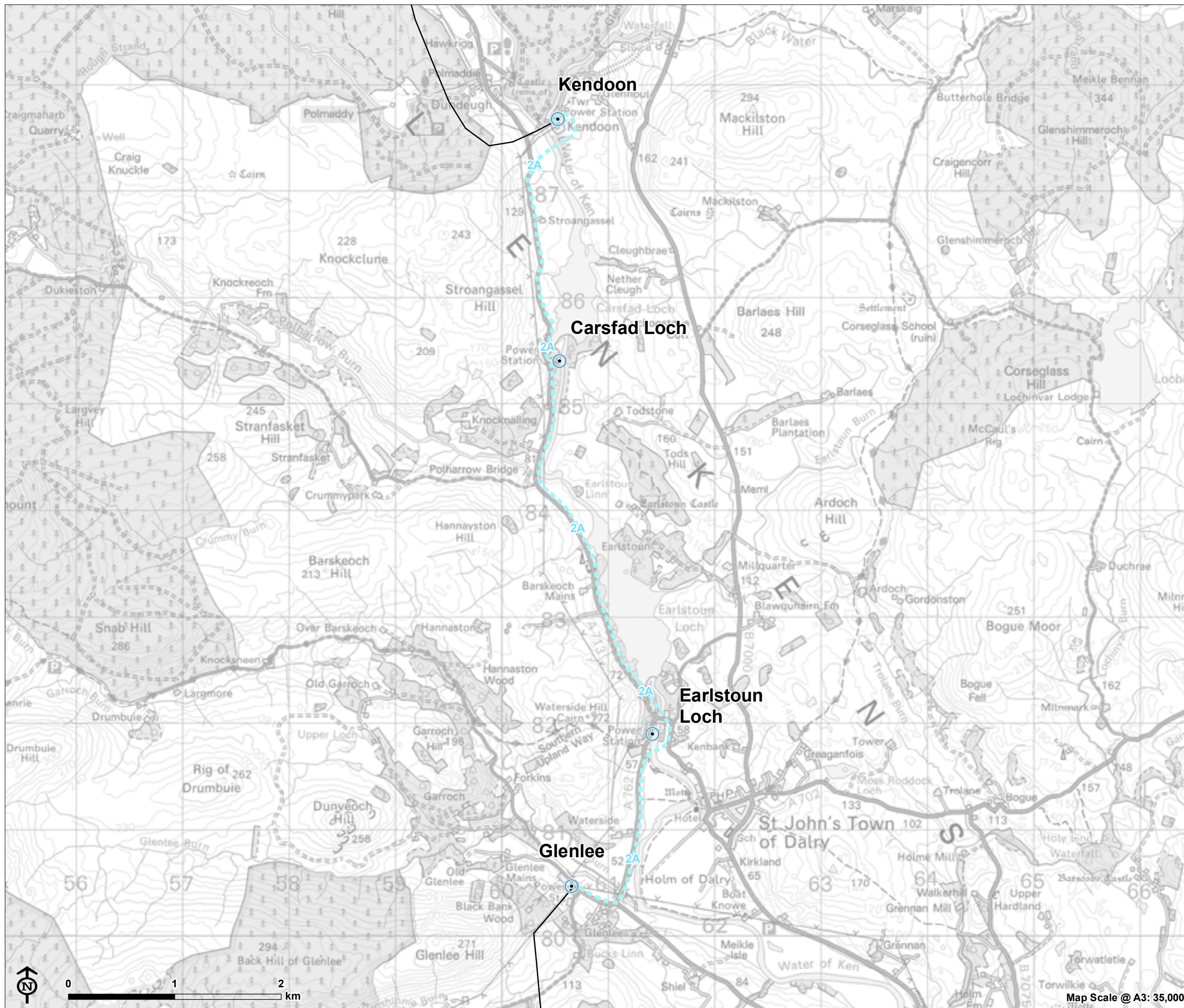
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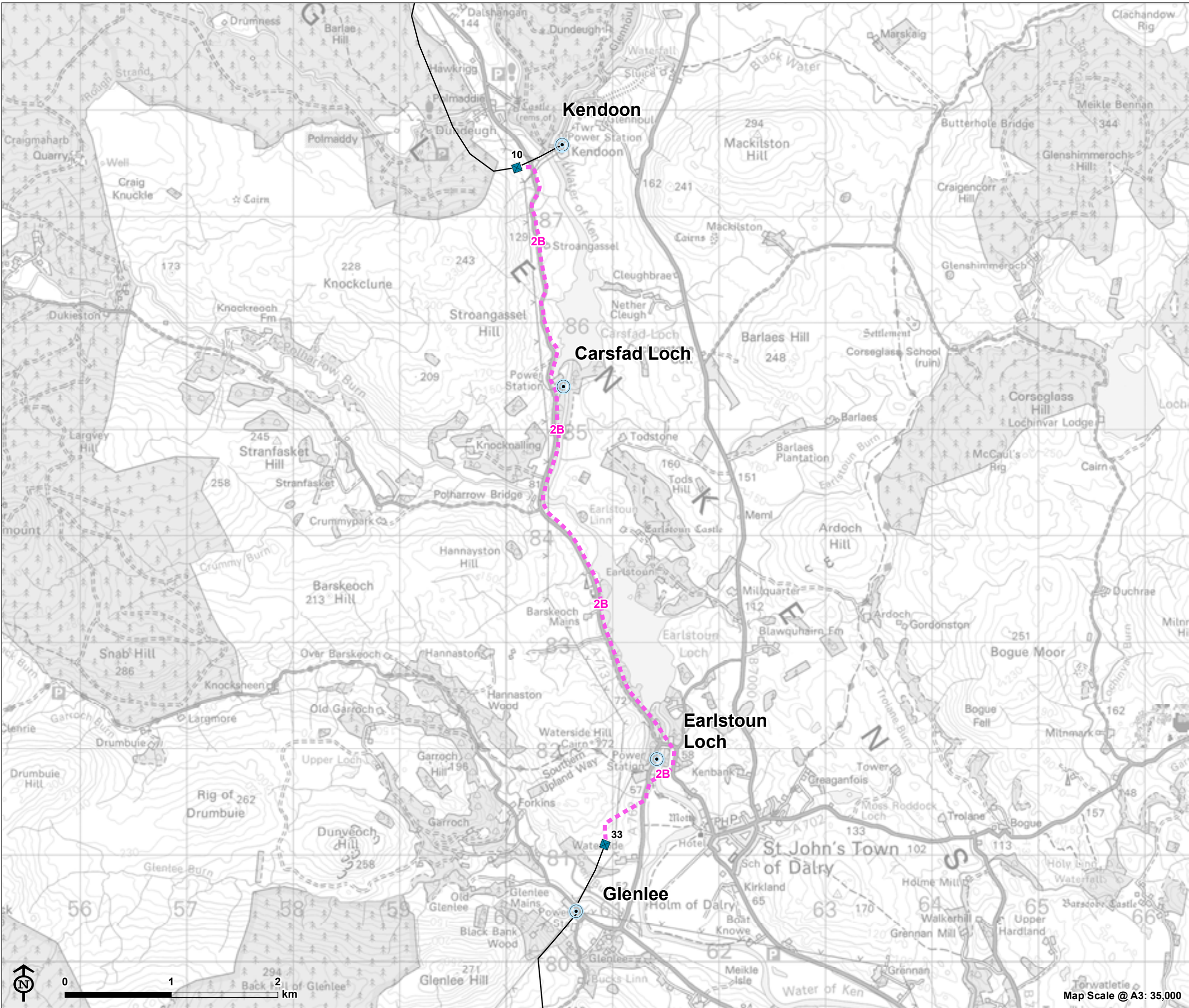
- Polquharity sealing end and terminal tower
- Substation and hydro electricity generating station

Overhead Line Connection

- Polquharity to Glenlee via Kendoon (steel lattice tower)
- Proposed KTR Project Overhead Line Connection







KTR Undergrounding Study

Figure 1.2B: Stage 1 Assessment Route Options

Underground Cable Option

2B

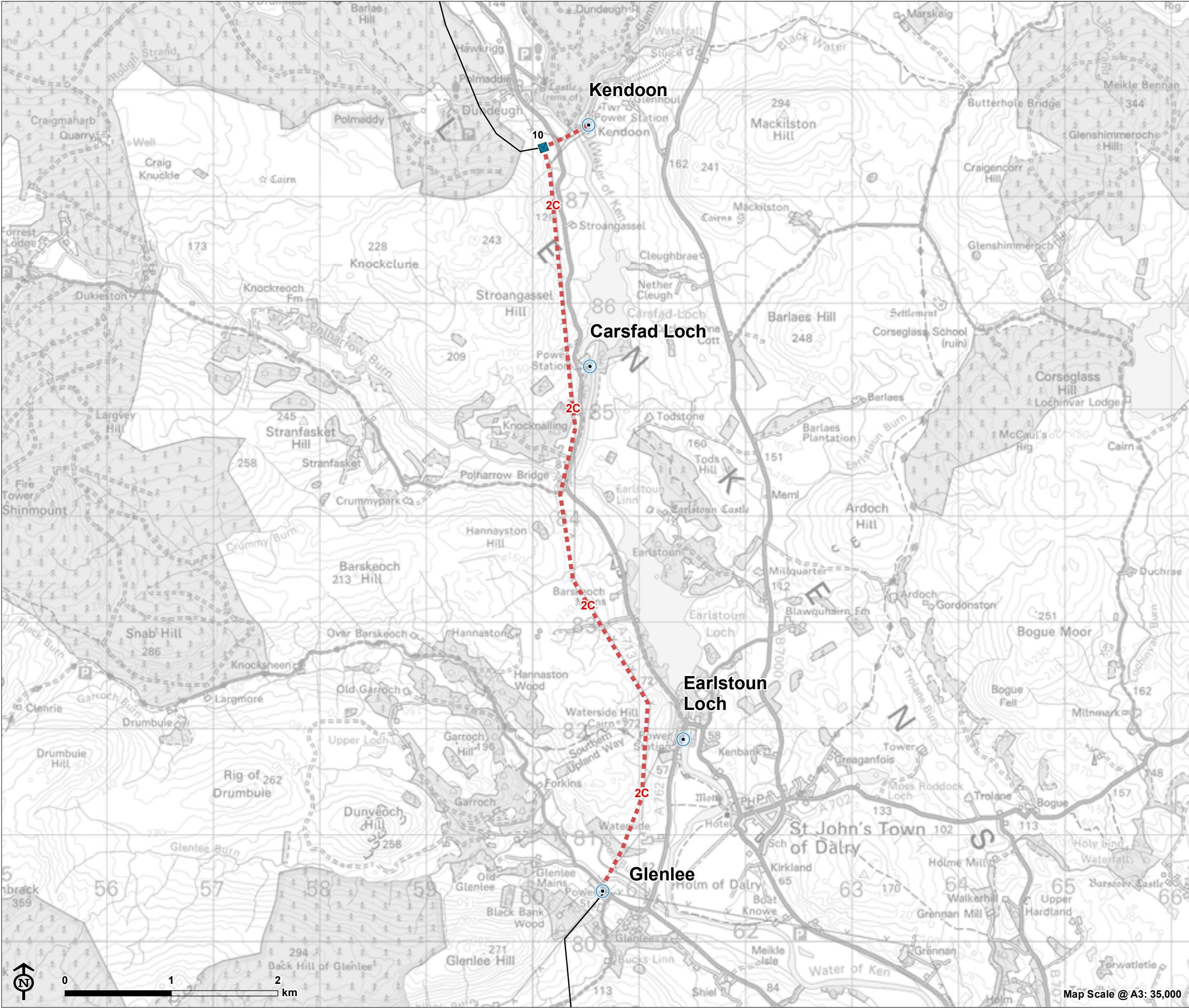
Substation and hydro electricity generating station

Overhead Line Connection

Polquhanty to Glenlee via Kendoon (steel lattice tower)

Proposed KTR Project Overhead Line Connection



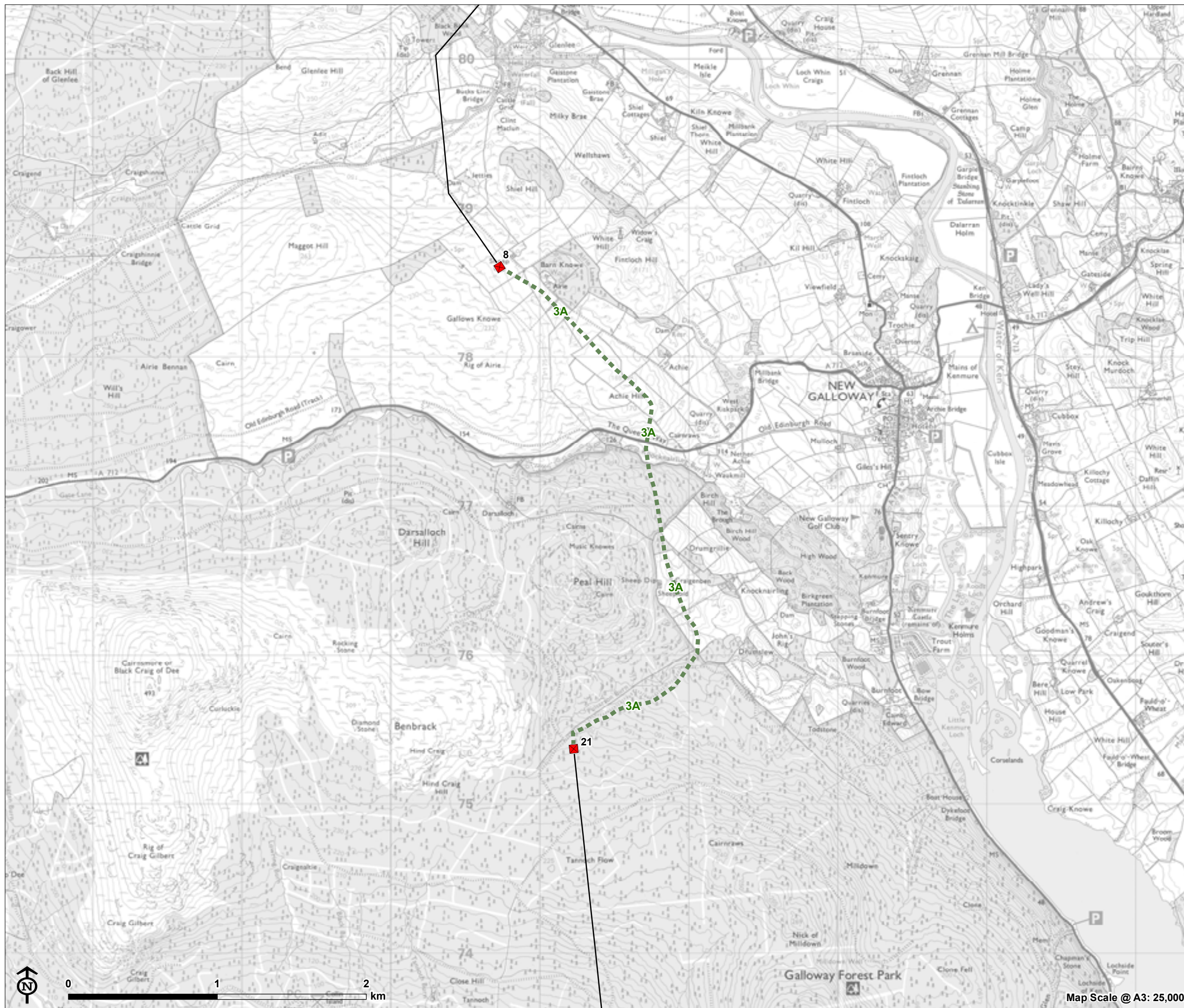


KTR Undergrounding Study

Figure 1.2C: Stage 1 Assessment Route Options

- Underground Cable Option**
- 2C
- Substation and hydro electricity generating station**
- Substation and hydro electricity generating station
- Overhead Line Connection**
- Polquharity to Glenlee via Kendoon (steel lattice tower)
 - Proposed KTR Project Overhead Line Connection





KTR Undergrounding Study

Figure 1.3A: Stage 1 Assessment Route Options

Underground Cable Option

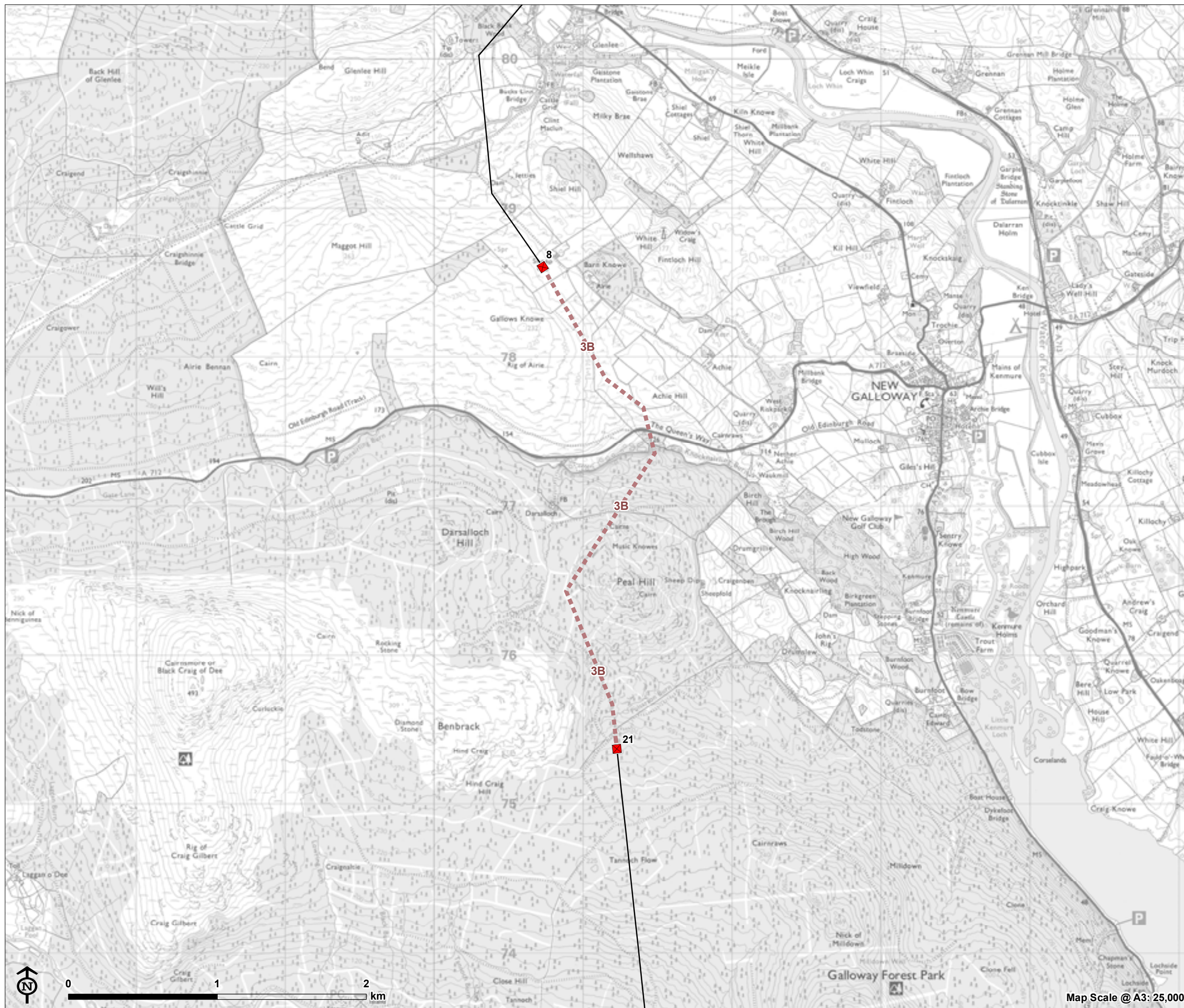
■ ■ ■ ■ 3A

Overhead Line Connection

■ Glenlee to Tongland (steel lattice tower)

— Proposed KTR Project Overhead Line Connection





KTR Undergrounding Study

Figure 1.3B: Stage 1 Assessment Route Options

Underground Cable Option

■ ■ ■ ■ 3B

Overhead Line Connection

- Glenlee to Tongland (steel lattice tower)
- Proposed KTR Project Overhead Line Connection

