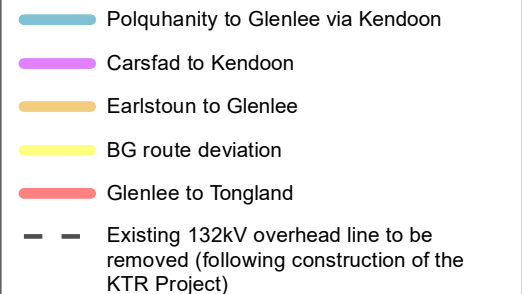


**KTR Project  
EIA Report**

**Figure 9.1: Hydrological Setting**



Catchment	
-----------	--

- 1, Barstobrick Burn
- 2, Gatehouse Burn
- 3, Kenick Burn
- 4, Knocknairling Burn
- 5, Mid Burn
- 6, Park Burn
- 7, Polharrow Burn
- 8, Pultarson Burn
- 9, River Dee (Black Water)
- 10, Tarff Water
- 11, Water of Deugh
- 12, Water of Ken
- 13, Coom Burn

## Main Catchment



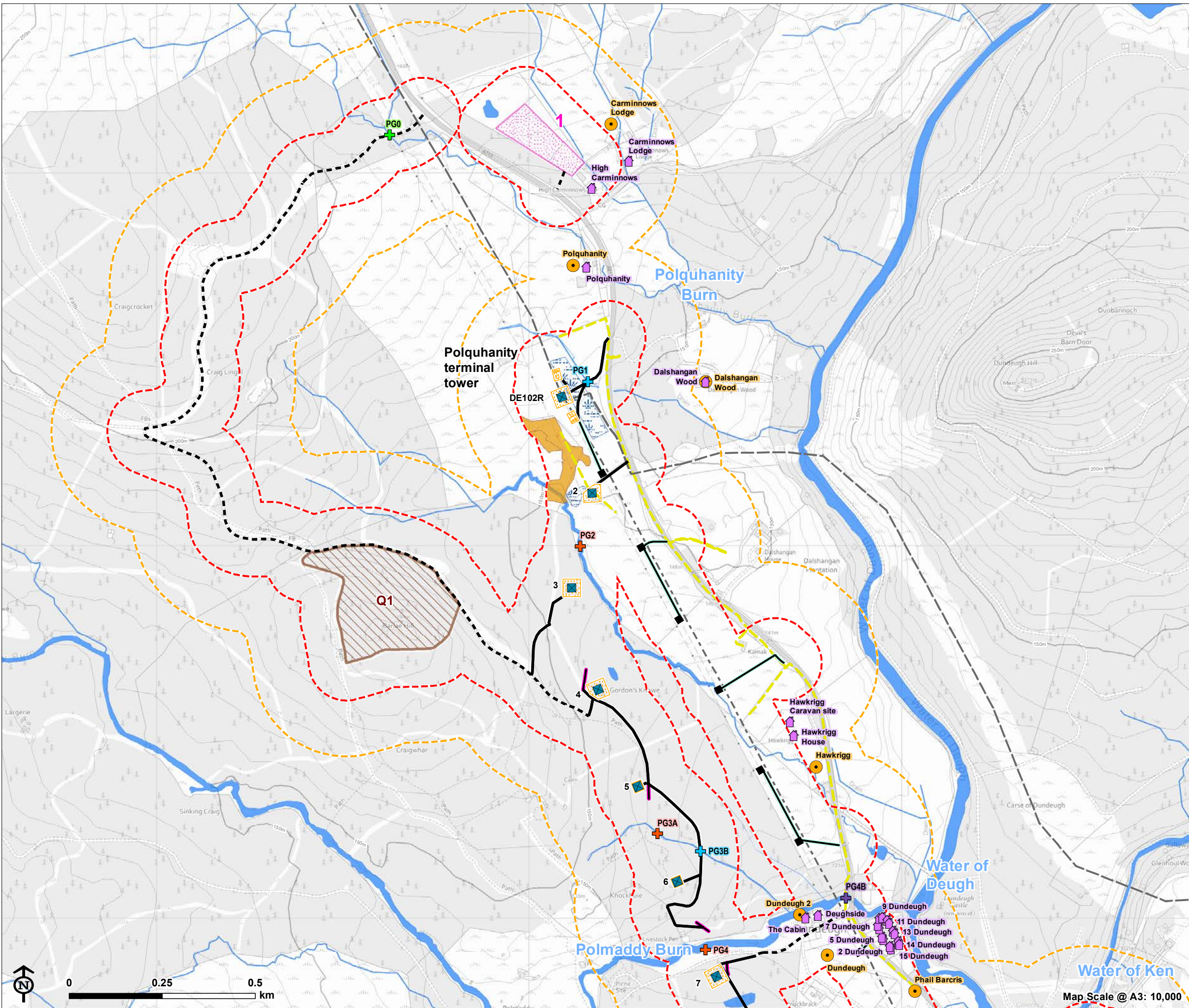
-  14, River Dee (at Tongland)
-  Watercourse



Figure 9.2.1: Hydrological Features



- Overhead line infrastructure**
- Polquhanity to Glenlee via Kendoon (steel lattice tower)
  - Existing tower for removal
  - Existing 132kV overhead line to be removed (following construction of the KTR Project)
  - Existing network
  - Proposed 11kV UGC
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Access to towers for removal**
- New access
  - Working area
  - Construction compound
  - Potential quarry working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Crossing - overhead line
  - Crossing - underground cable
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh
  - Groundwater Dependent Terrestrial Ecosystem (GWDTE)

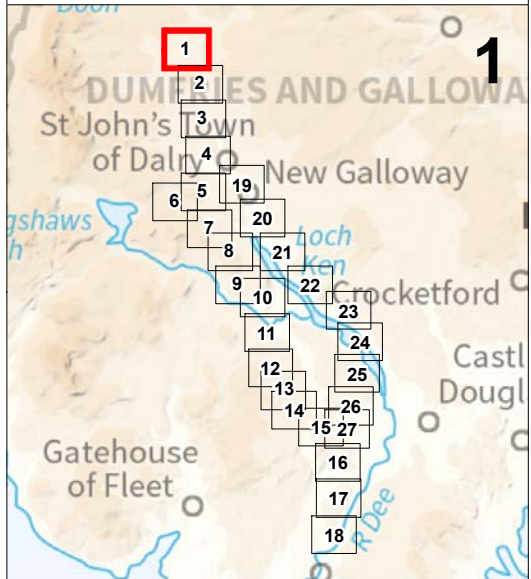
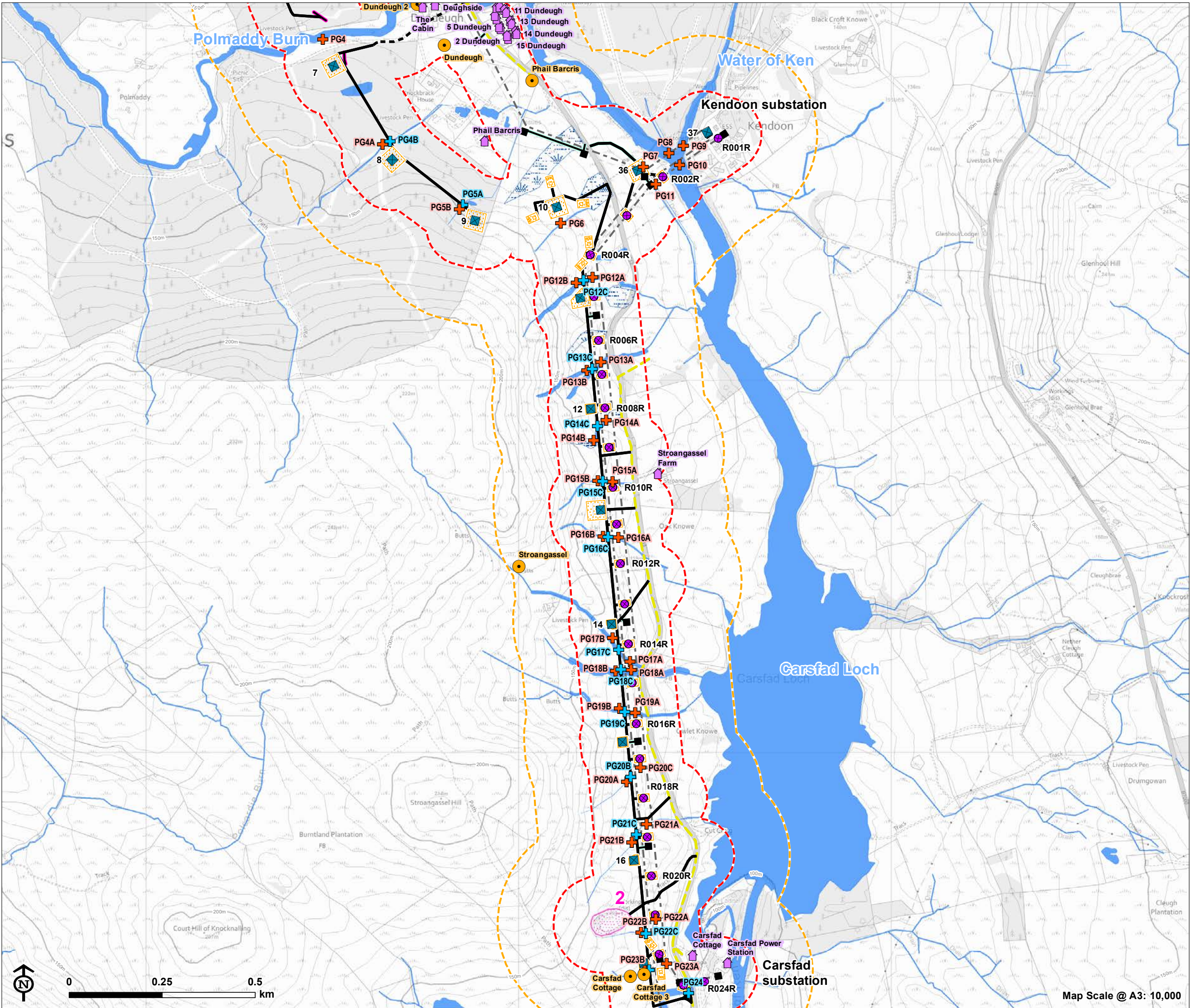




Figure 9.2.2: Hydrological Features



- Overhead line infrastructure**
- Polquhanity to Glenlee via Kendoon (steel lattice tower)
  - Carsfad to Kendoon (wood pole)
  - Existing tower for removal
  - Existing 132kV overhead line to be removed (following construction of the KTR Project)
  - Proposed 11kV UGC
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Access to towers for removal**
- New access
- Working area**
- Working area
  - Construction compound
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Crossing - overhead line
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

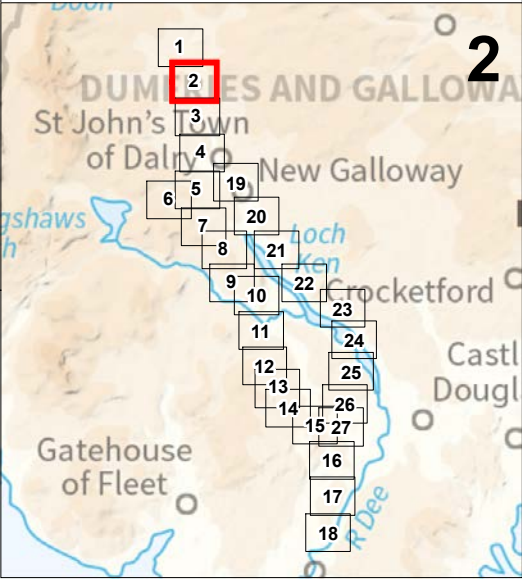
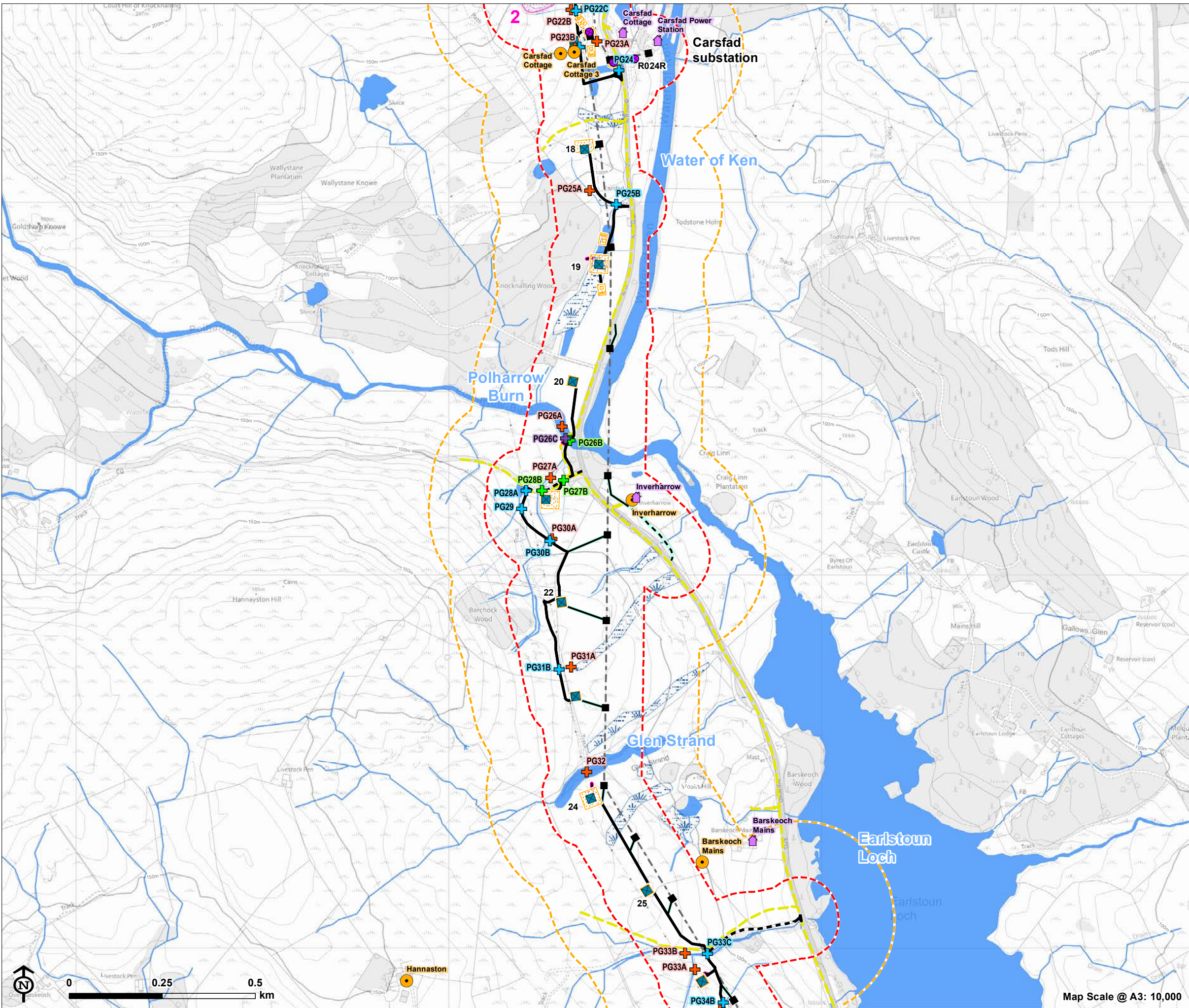




Figure 9.2.3: Hydrological Features



- Overhead line infrastructure**
- Polquharity to Glenlee via Kendoon (steel lattice tower)
  - Carsfad to Kendoon (wood pole)
  - Existing tower for removal
  - Existing 132kV overhead line to be removed (following construction of the KTR Project)
  - Proposed 11kV UGC
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Access to towers for removal**
- Existing access
  - New access
- Working area**
- Working area
  - Construction compound
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Crossing - overhead line
  - Crossing - underground cable
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

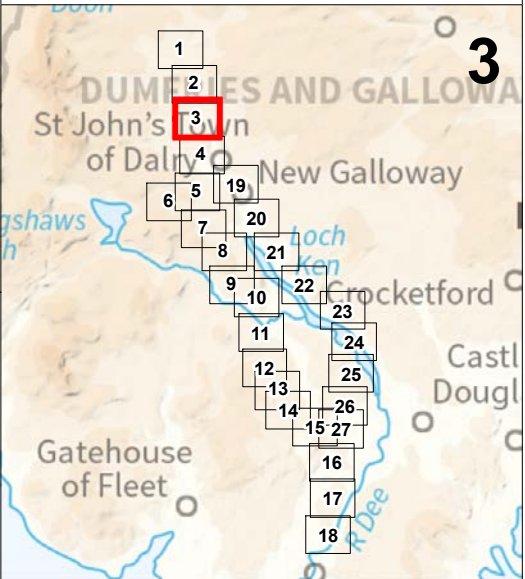
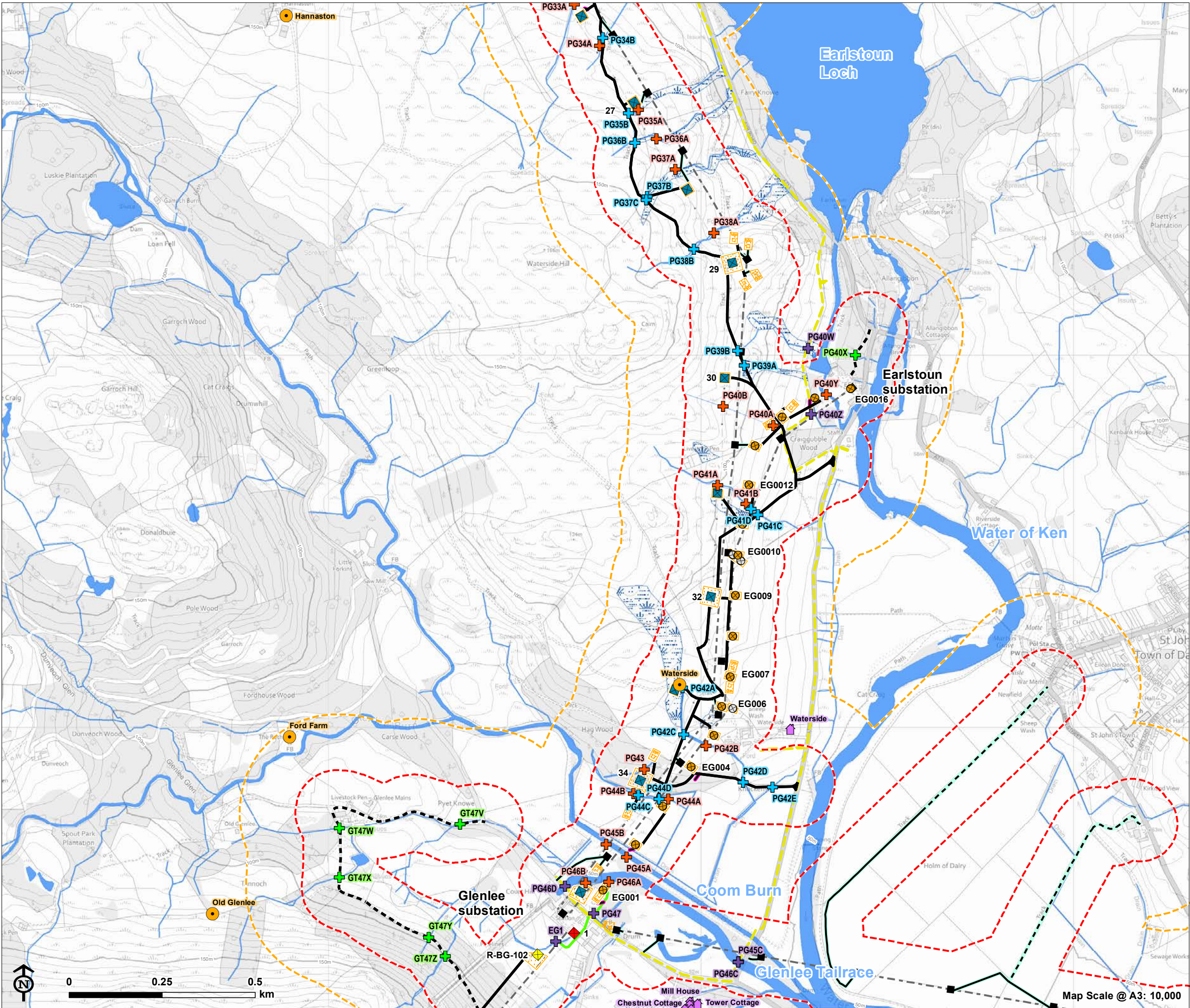




Figure 9.2.4: Hydrological Features



- Overhead line infrastructure**
- Polquhanny to Glenlee via Kendoon (steel lattice tower)
  - Earlstoun to Glenlee (wood pole)
  - Earlstoun to Glenlee (temporary wood pole)
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Access to towers for removal**
- Existing access
  - New access
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Crossing - overhead line
  - Crossing - underground cable
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

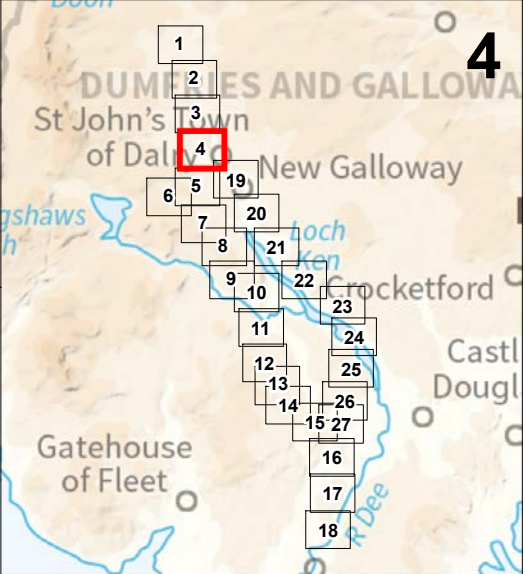
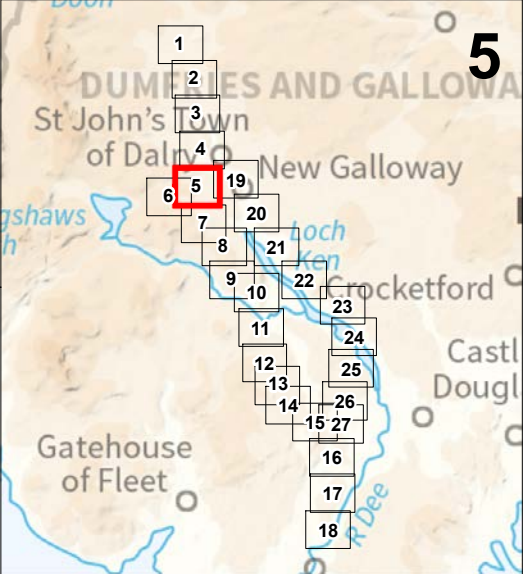
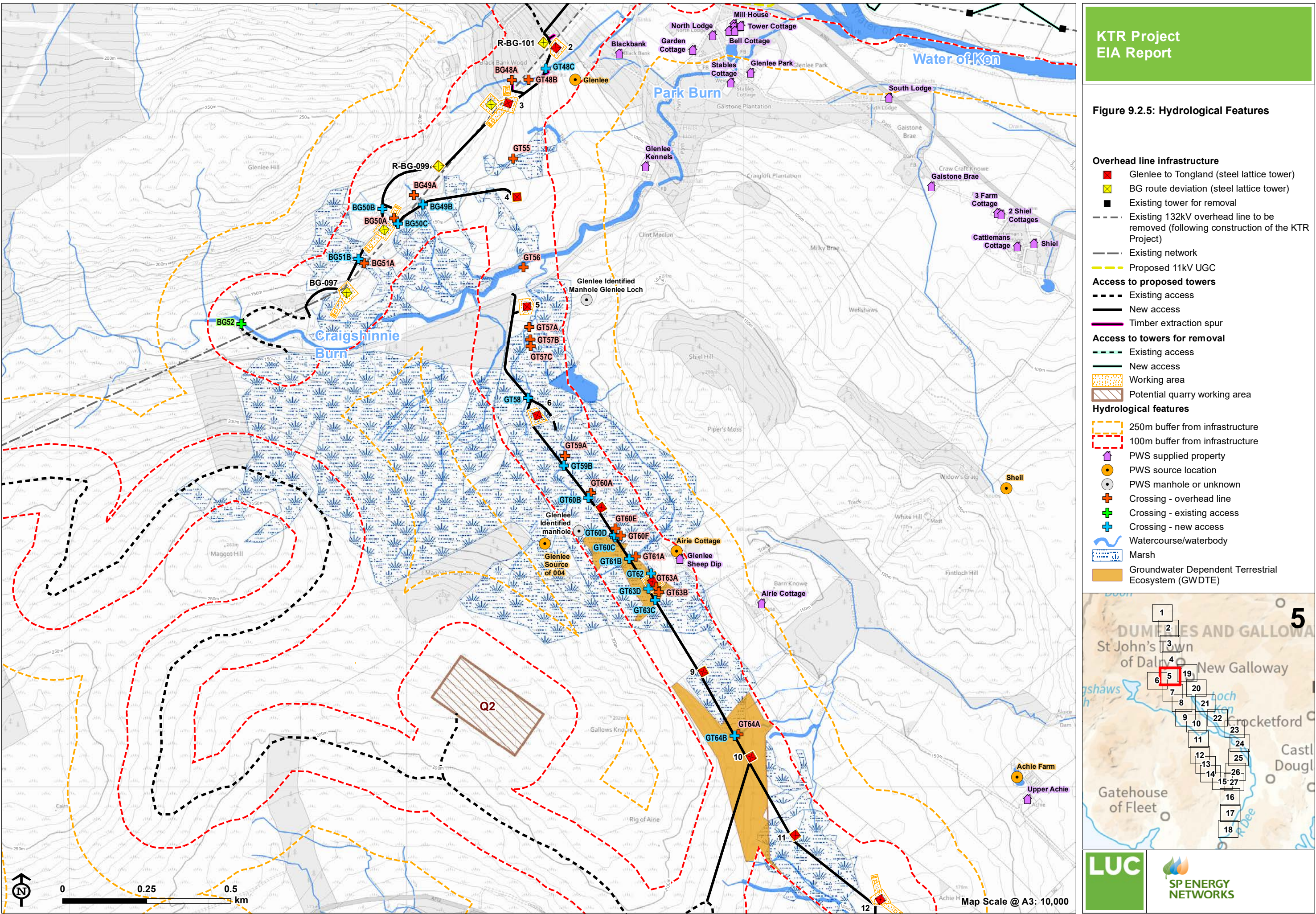
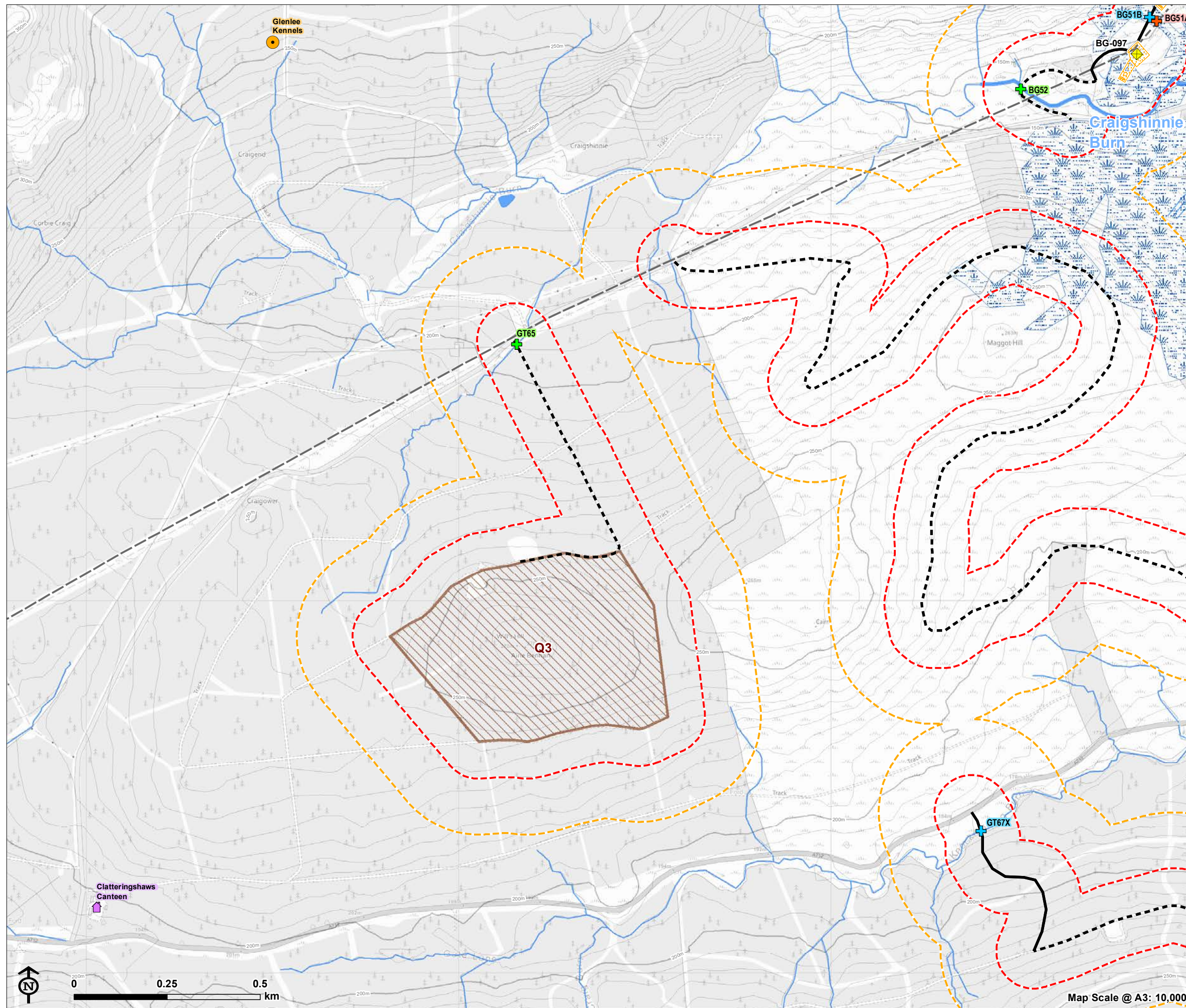




Figure 9.2.5: Hydrological Features







## KTR Project EIA Report

Figure 9.2.6: Hydrological Features

- Overhead line infrastructure**
- BG route deviation (steel lattice tower)
  - Existing 132kV overhead line to be removed (following construction of the KTR Project)
  - Existing network
- Access to proposed towers**
- Existing access
  - New access
  - Working area
  - Potential quarry working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Crossing - overhead line
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

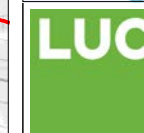
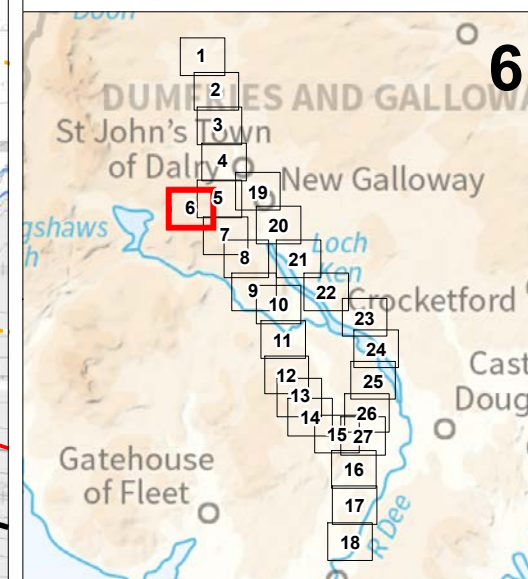




Figure 9.2.7: Hydrological Features

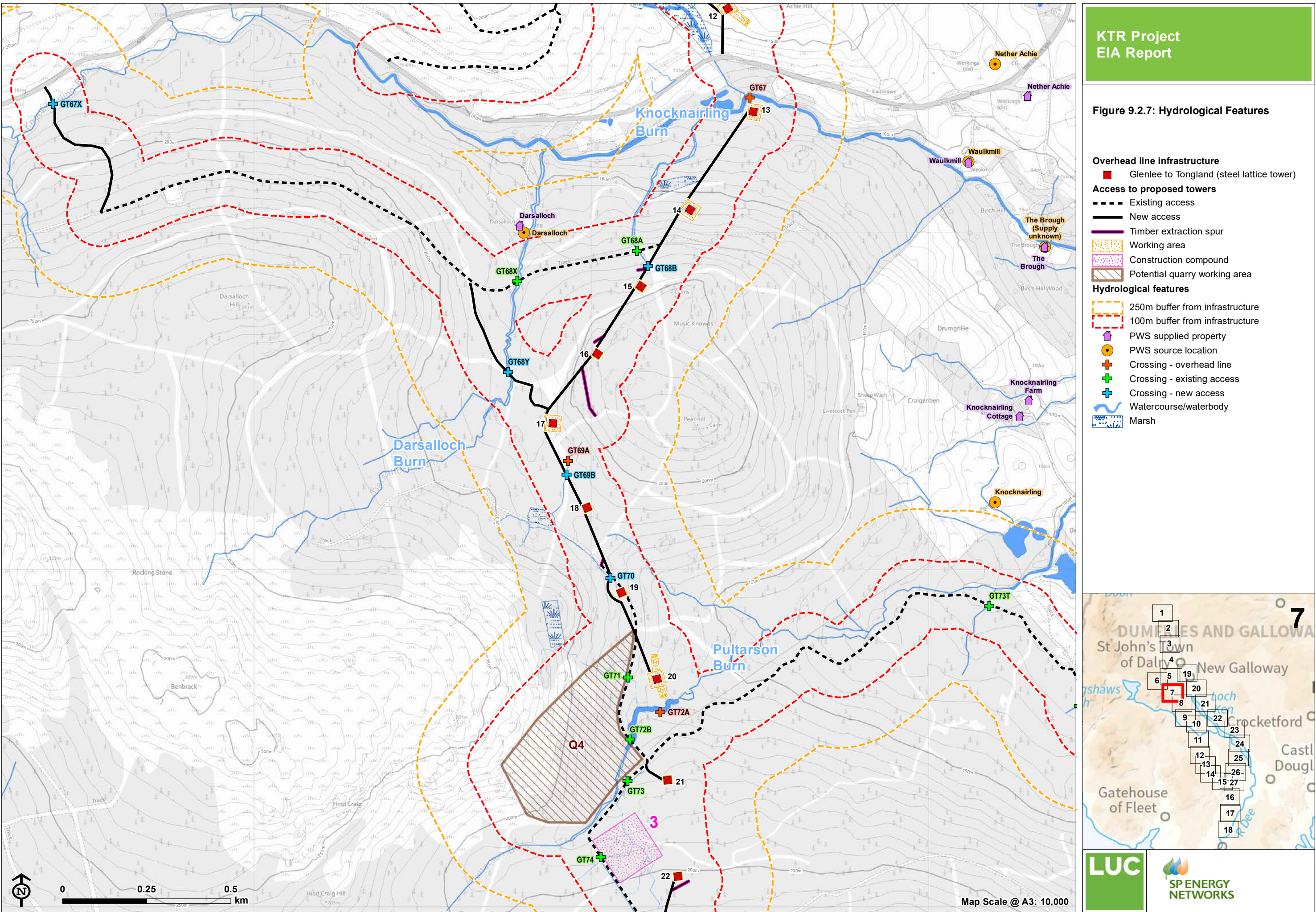
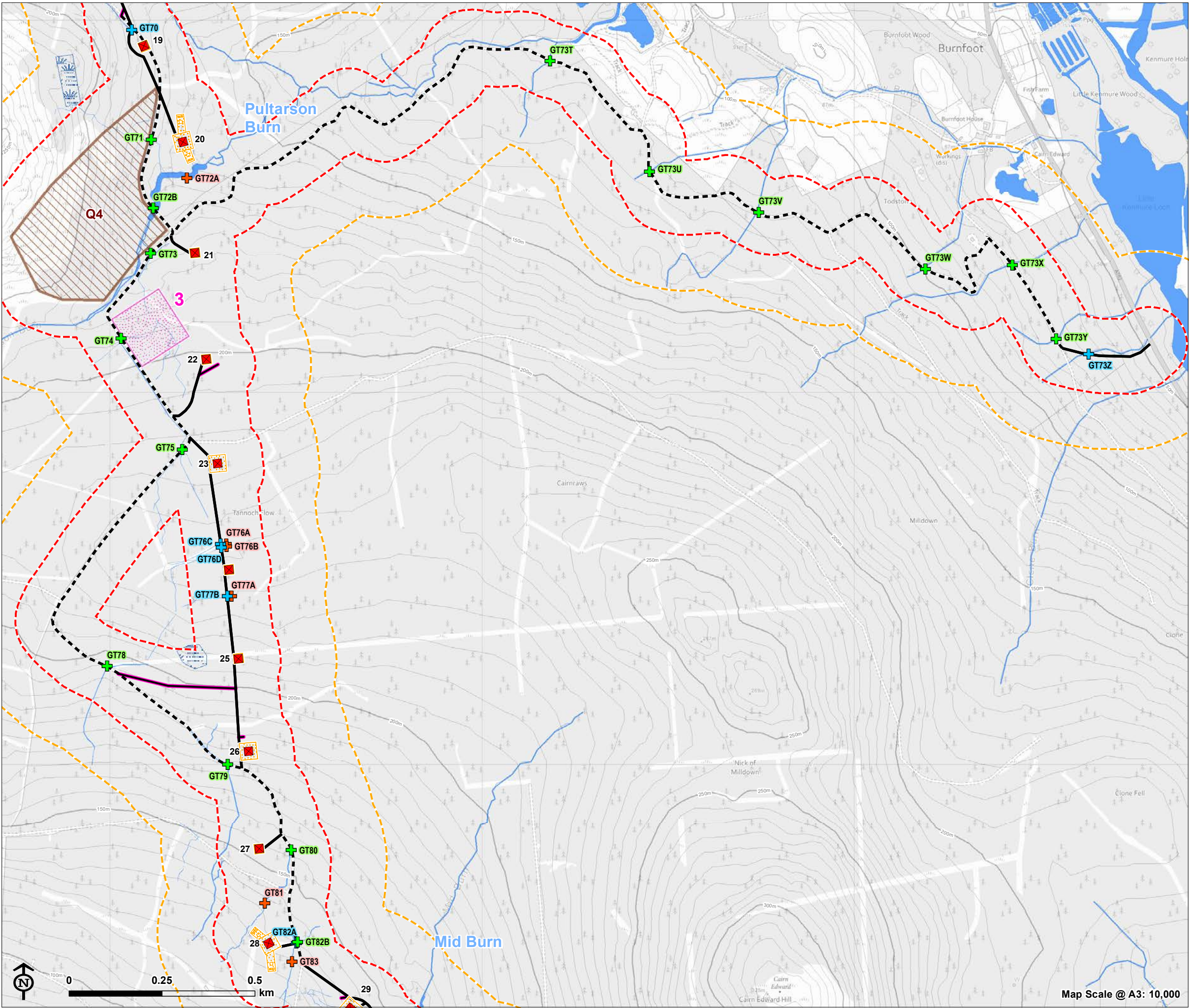




Figure 9.2.8: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Working area**
- Working area
  - Construction compound
  - Potential quarry working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - Crossing - overhead line
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

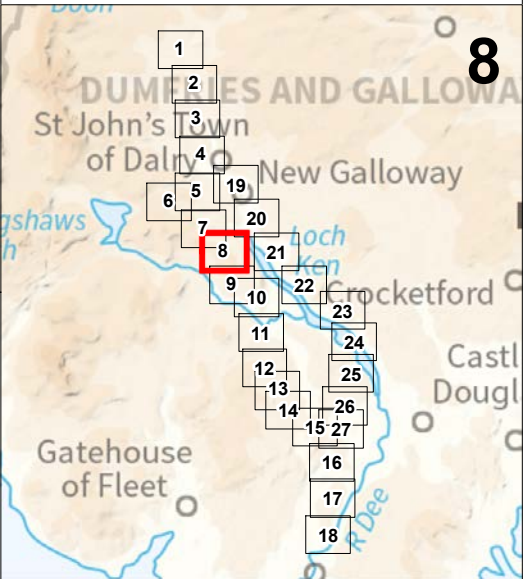
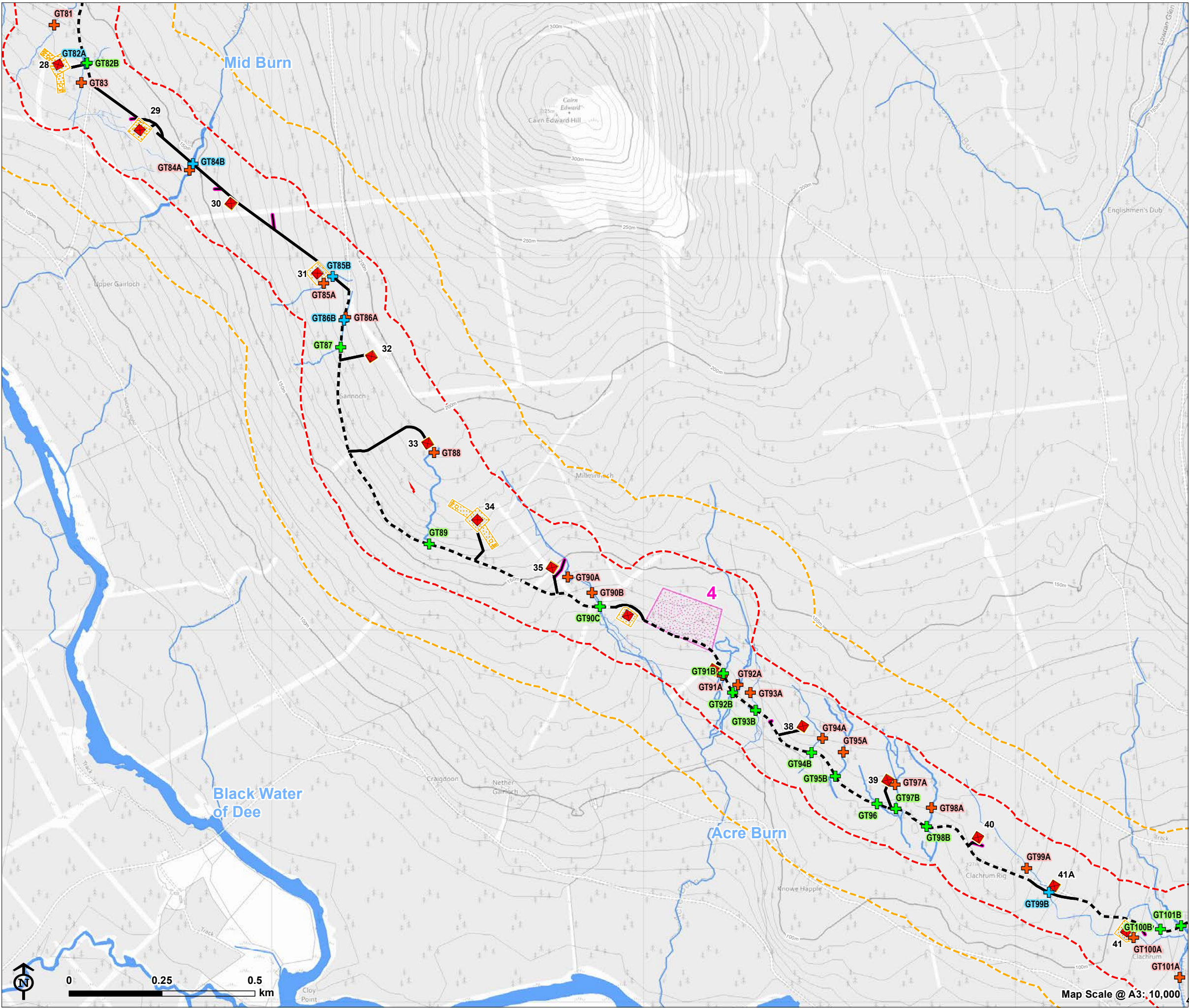




Figure 9.2.9: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
  - Working area
  - Construction compound
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - ✚ Crossing - overhead line
  - ✚ Crossing - existing access
  - ✚ Crossing - new access
  - Watercourse/waterbody

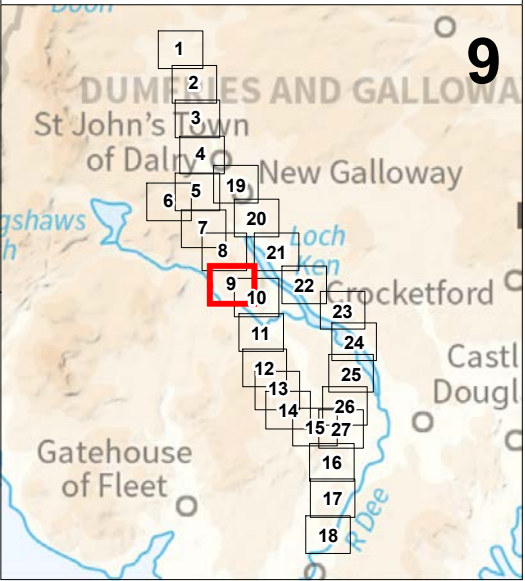




Figure 9.2.10: Hydrological Features

- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Working area**
- Working area
  - Construction compound
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - Crossing - overhead line
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

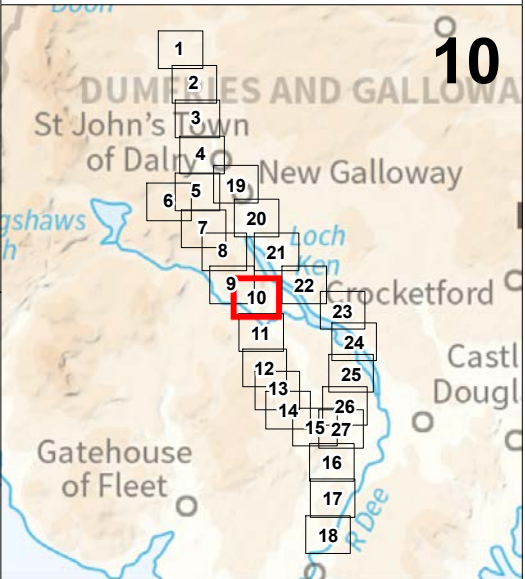
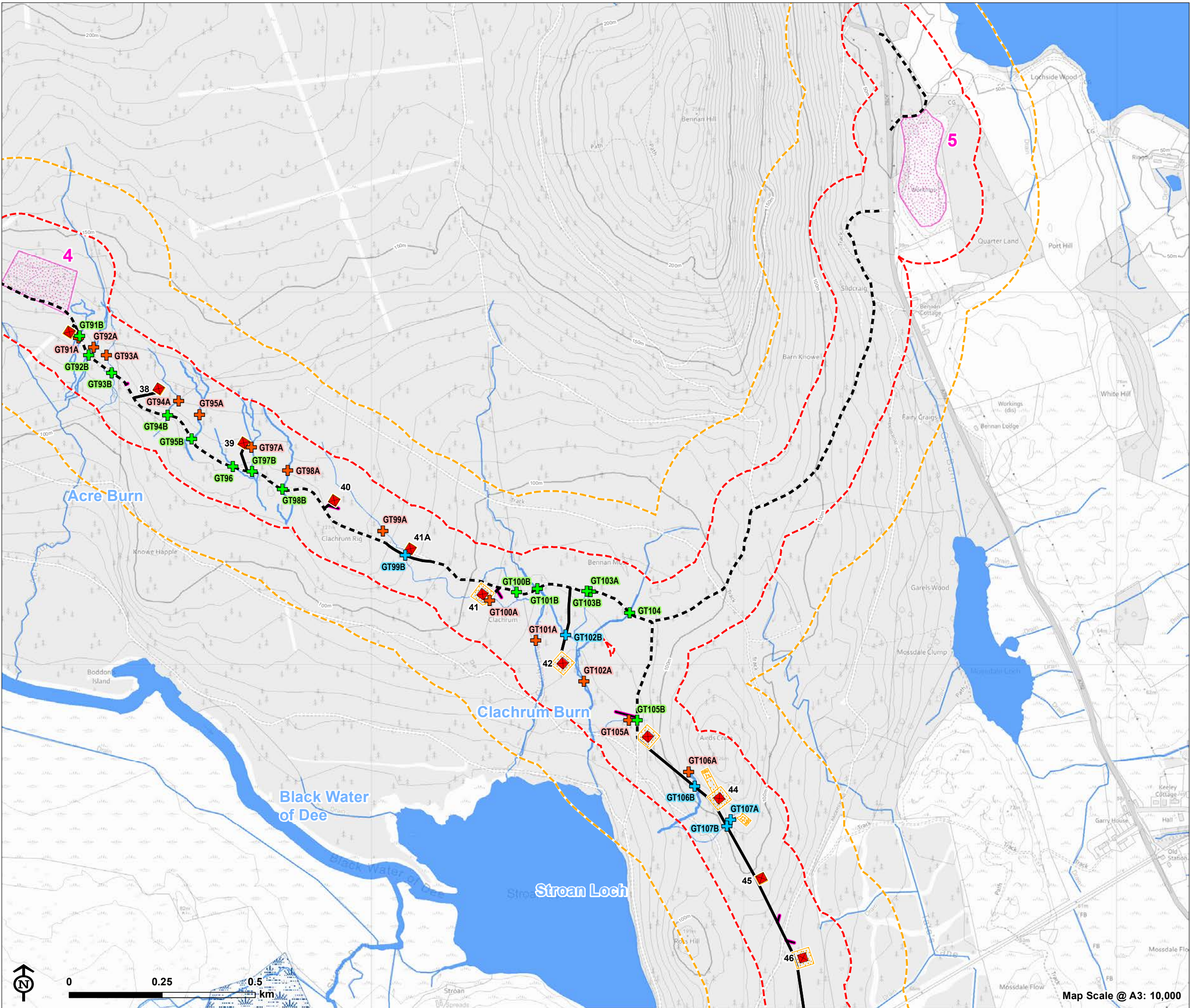




Figure 9.2.11: Hydrological Features

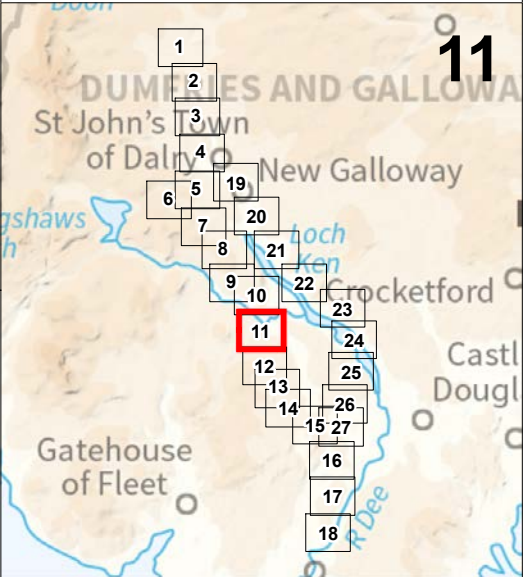
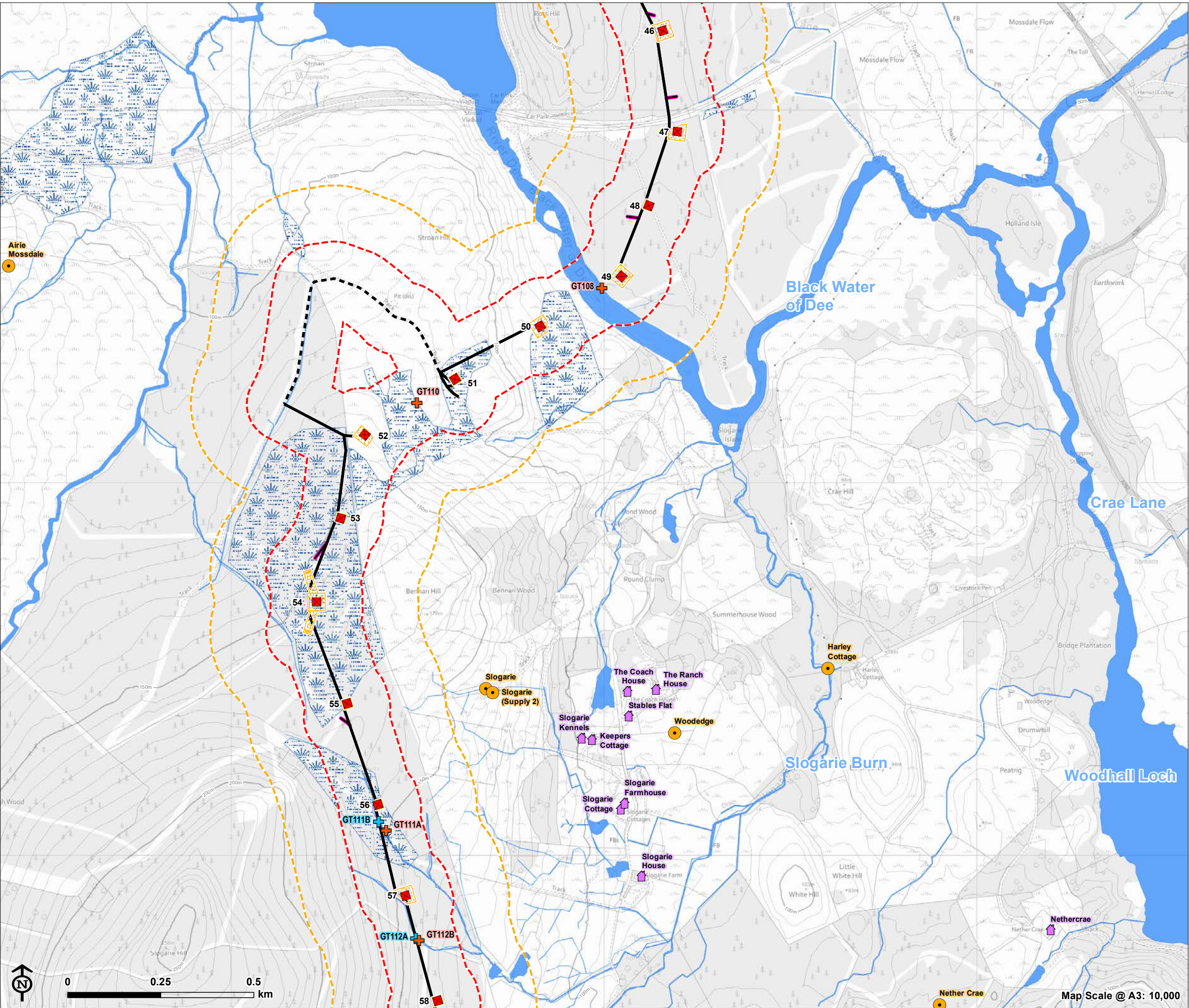




Figure 9.2.12: Hydrological Features

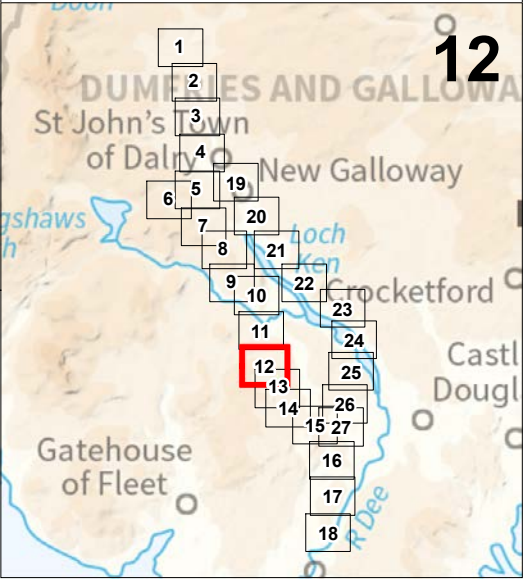
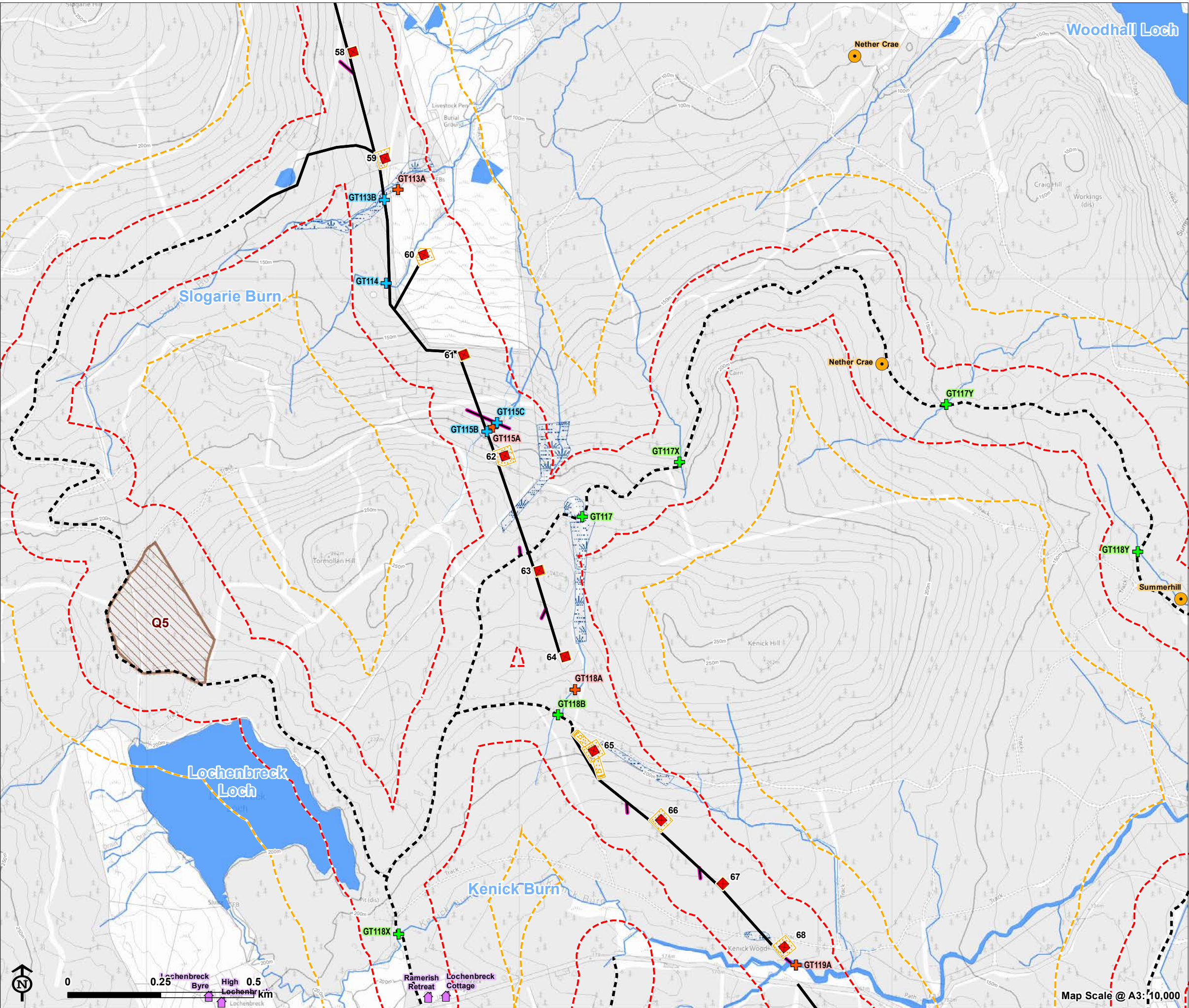




Figure 9.2.13: Hydrological Features

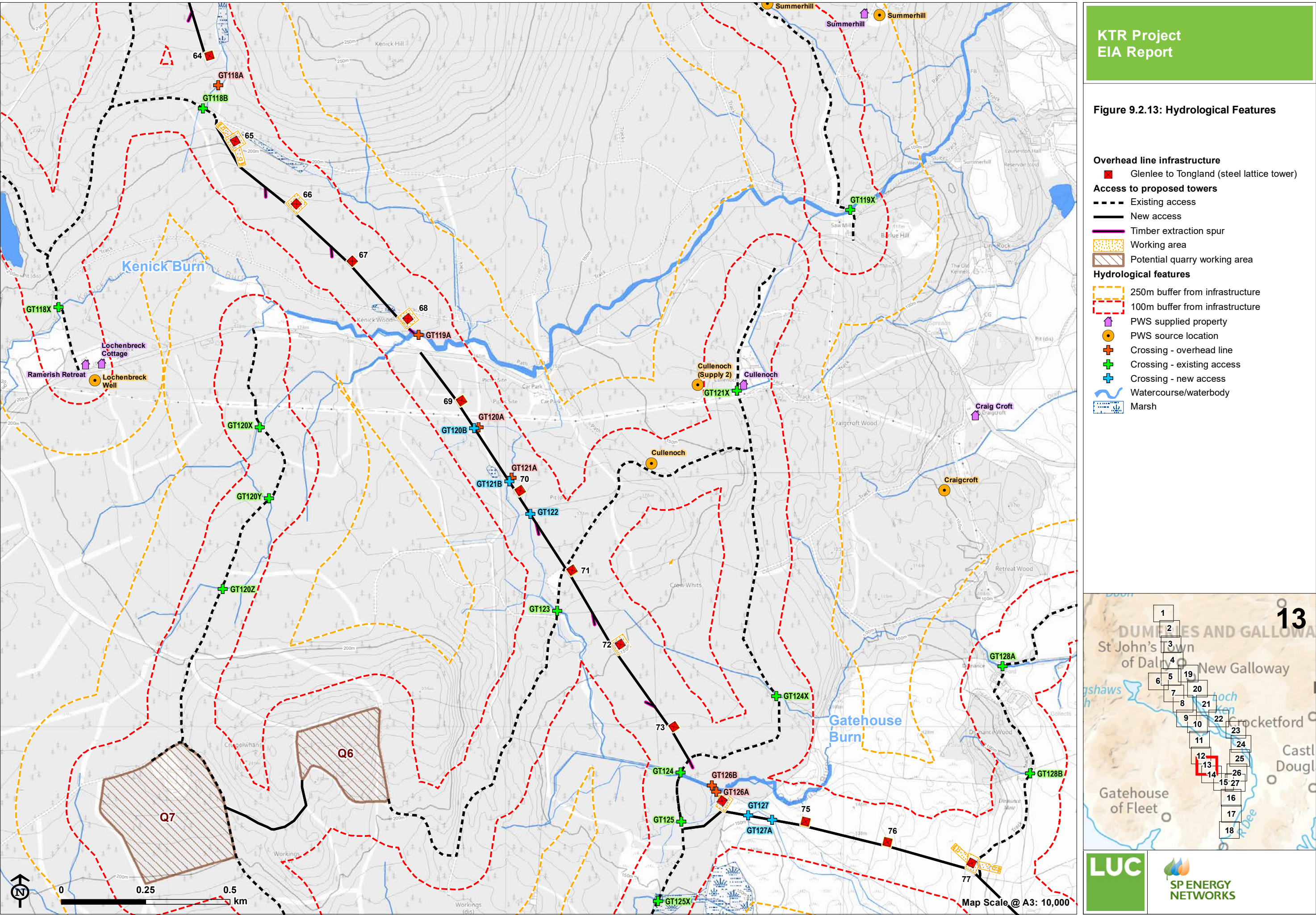
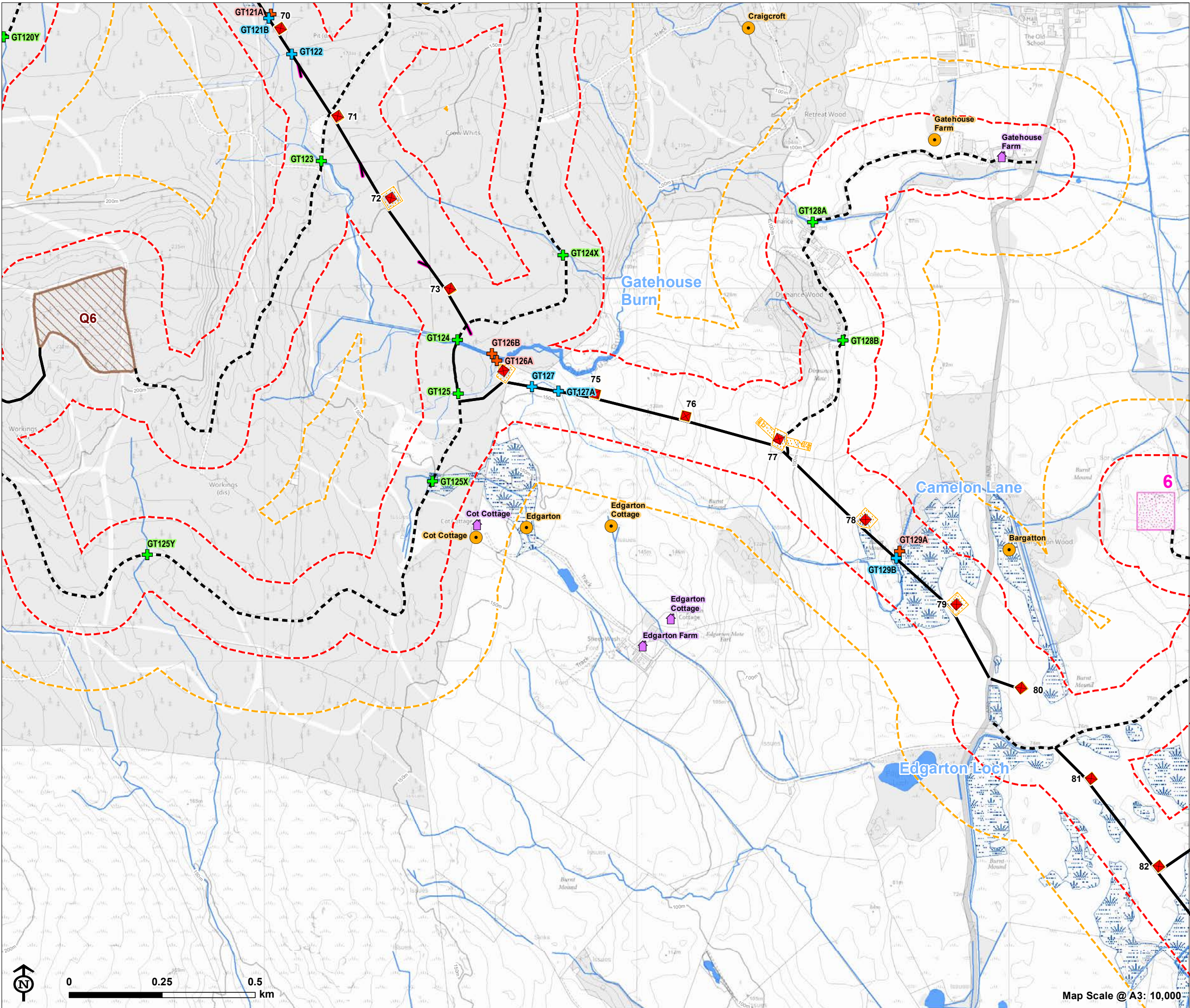




Figure 9.2.14: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
- Access to proposed towers**
- - - Existing access
  - New access
  - Timber extraction spur
  - Working area
  - Construction compound
  - Potential quarry working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Crossing - overhead line
  - Crossing - existing access
  - Crossing - new access
  - Watercourse/waterbody
  - Marsh

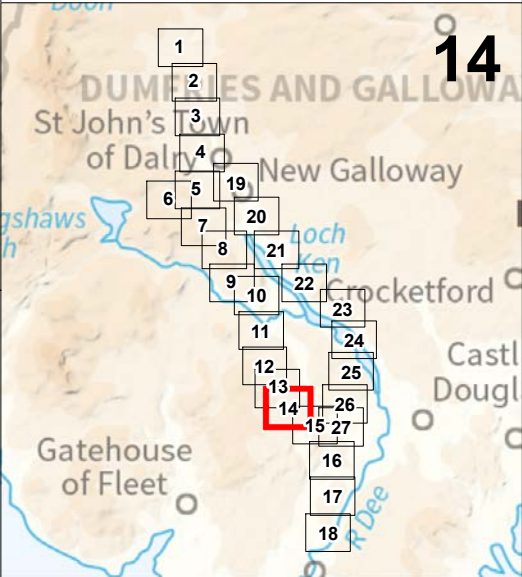
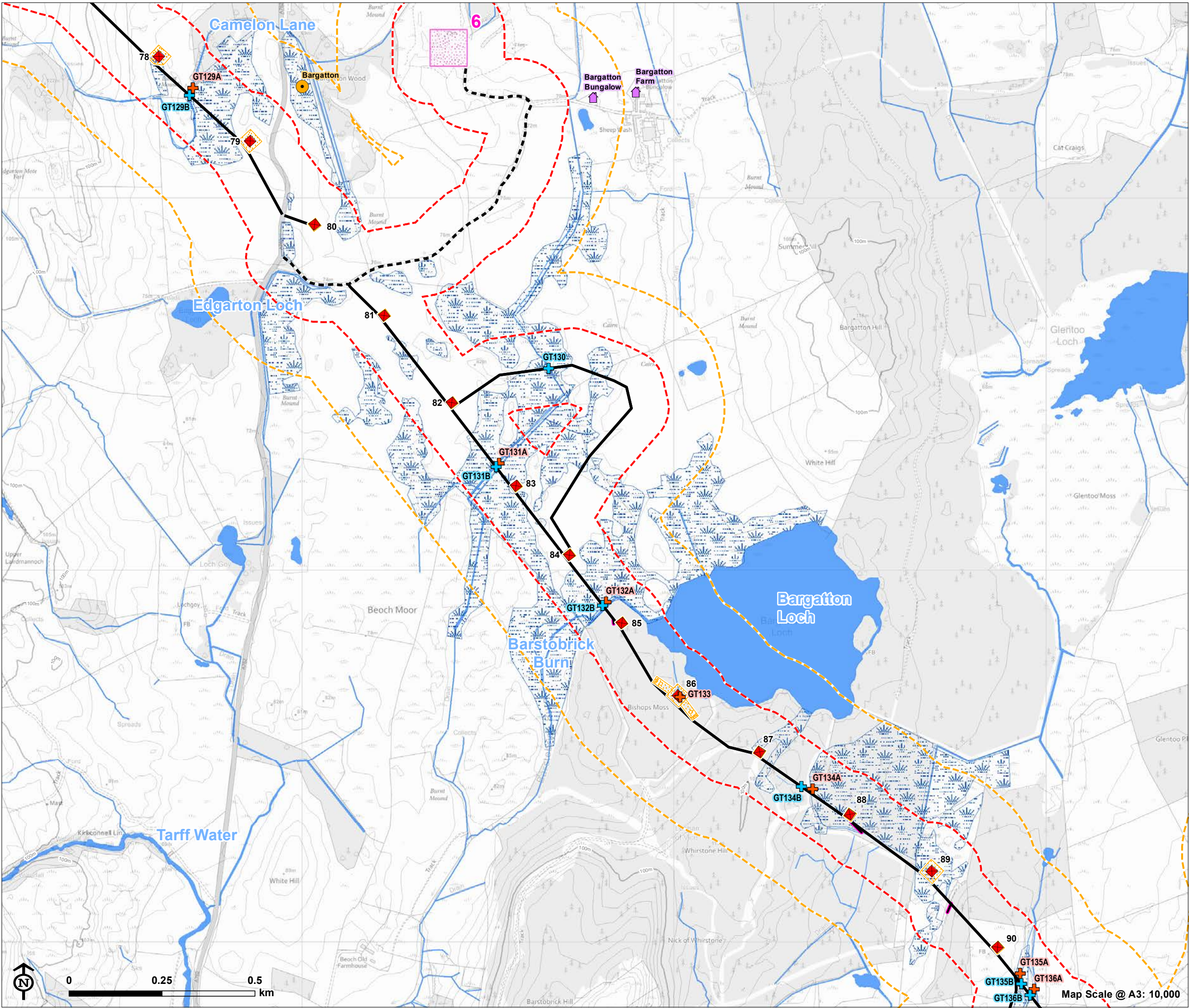




Figure 9.2.15: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Working area**
- Working area
- Construction compound**
- Construction compound
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - ↑ PWS supplied property
  - PWS source location
  - ✚ Crossing - overhead line
  - ✚ Crossing - new access
  - Watercourse/waterbody
  - Marsh

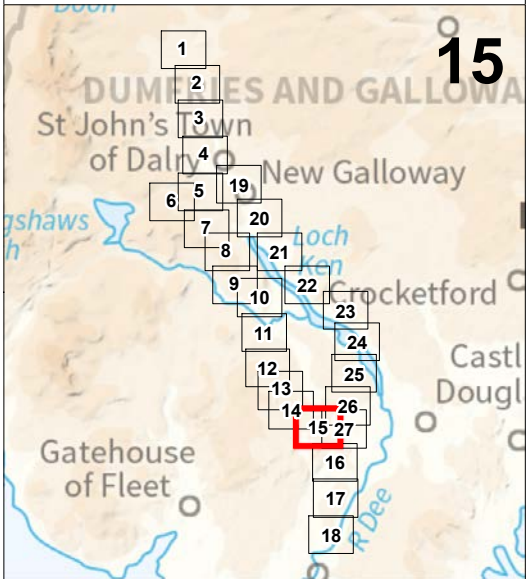
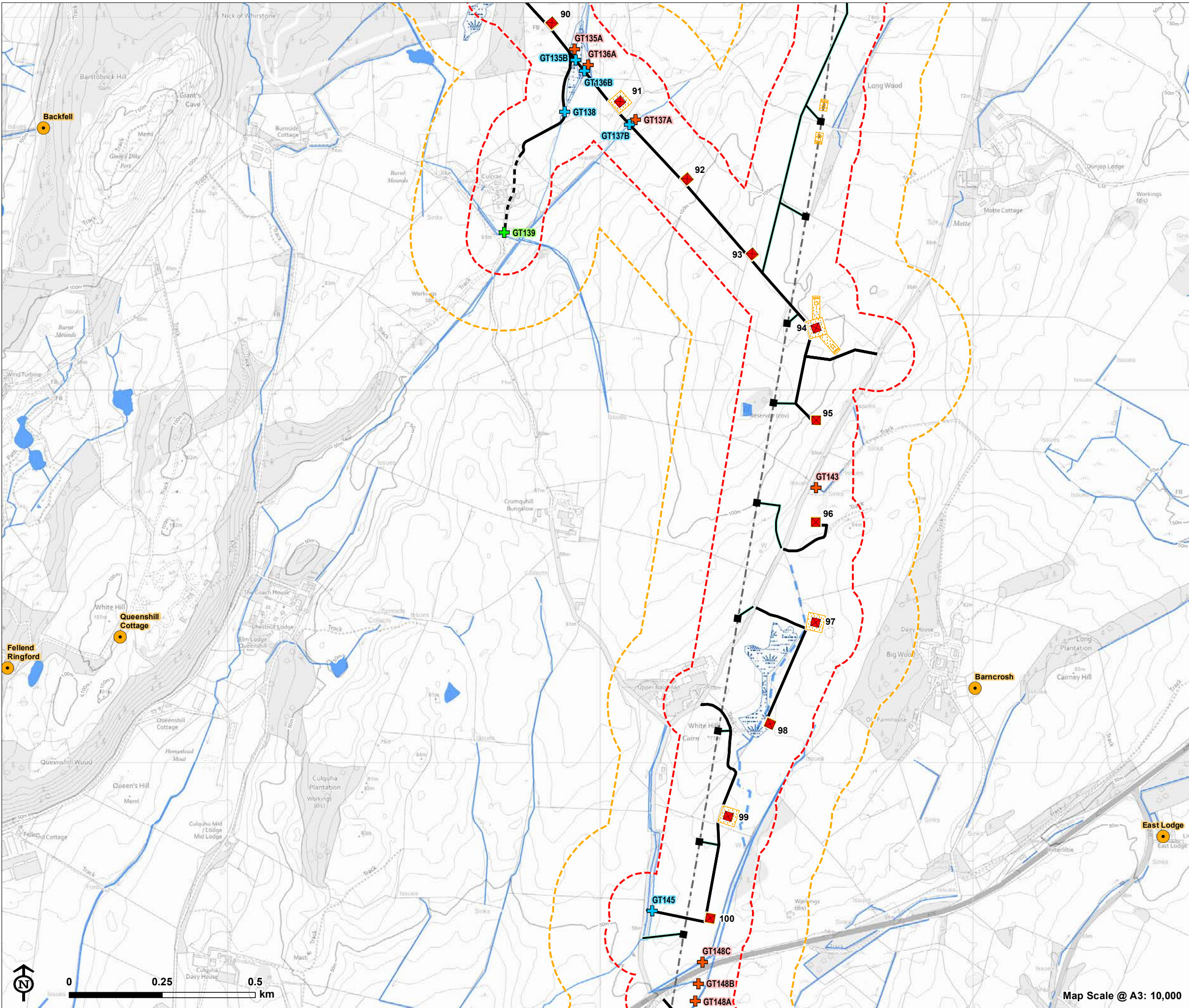




Figure 9.2.16: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
  - Existing tower for removal
  - - - Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to proposed towers**
- - - Existing access
  - New access
- Access to towers for removal**
- New access
  - Working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS source location
  - + Crossing - overhead line
  - + Crossing - existing access
  - + Crossing - new access
  - Watercourse/waterbody
  - Culverted watercourse (approximate)
  - Marsh

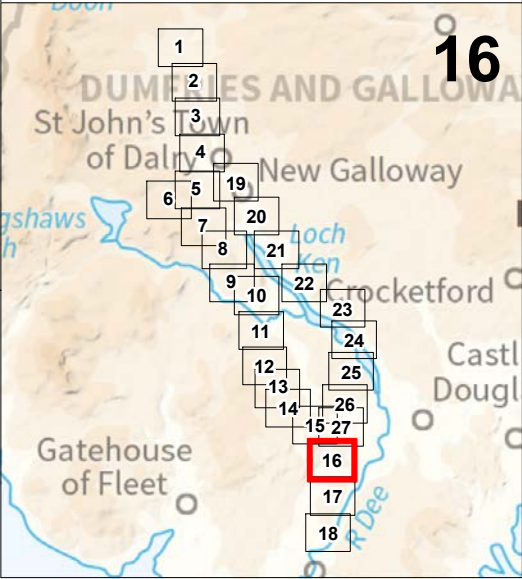
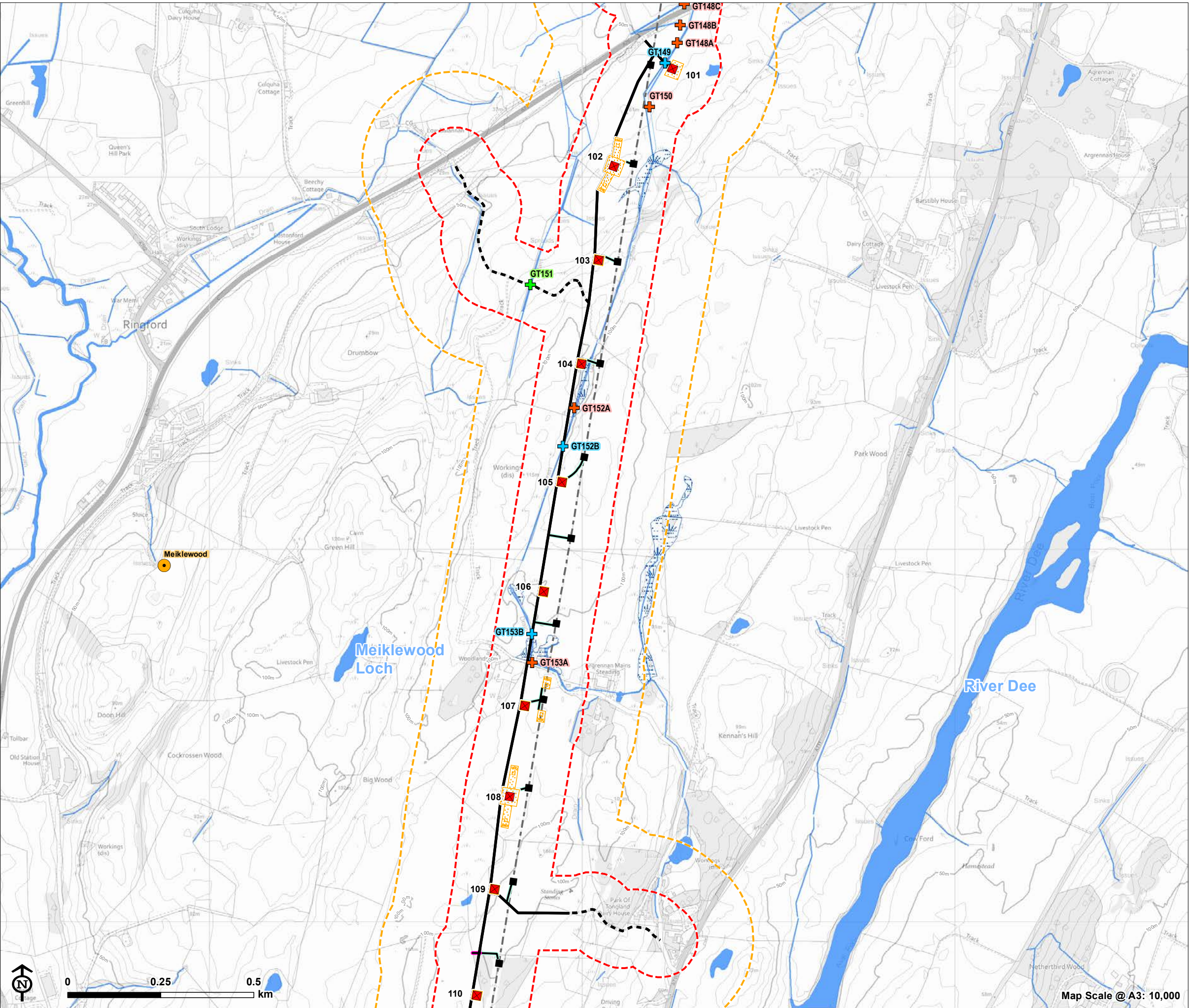




Figure 9.2.17: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
  - Existing tower for removal
  - Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to proposed towers**
- Existing access
  - New access
  - Timber extraction spur
- Access to towers for removal**
- New access
  - Working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS source location
  - ✚ Crossing - overhead line
  - ✚ Crossing - existing access
  - ✚ Crossing - new access
  - Watercourse/waterbody
  - Marsh

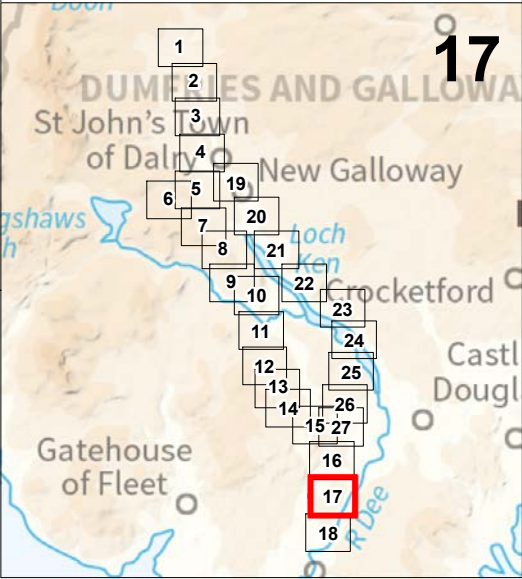
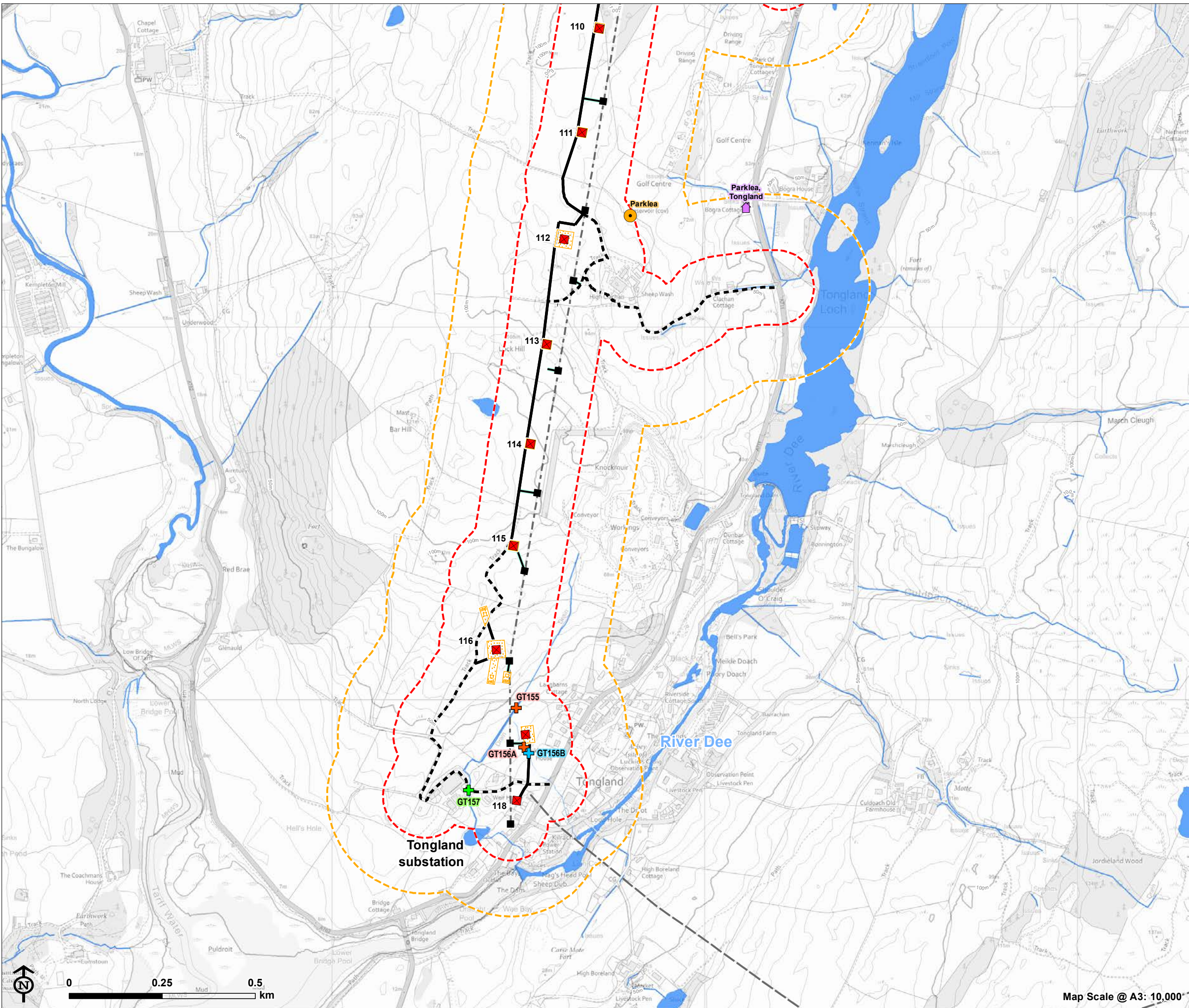




Figure 9.2.18: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
  - Existing tower for removal
  - - - Existing 132kV overhead line to be removed (following construction of the KTR Project)
  - - - Existing network
- Access to proposed towers**
- - - Existing access
  - New access
- Access to towers for removal**
- New access
- Working area**
- Working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - ✚ Crossing - overhead line
  - ✚ Crossing - existing access
  - ✚ Crossing - new access
  - Watercourse/waterbody

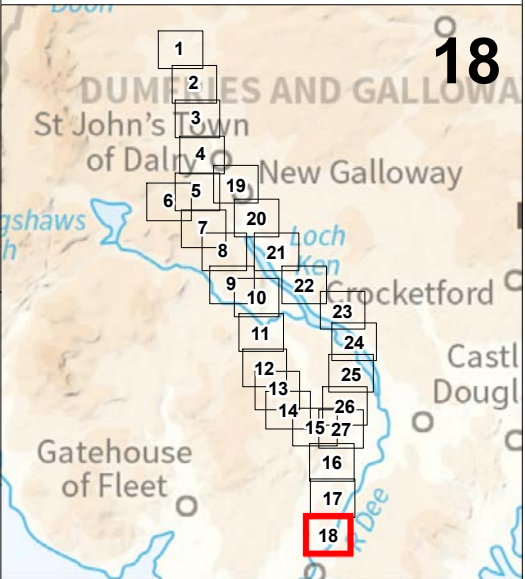




Figure 9.2.19: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
  - Working area
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody

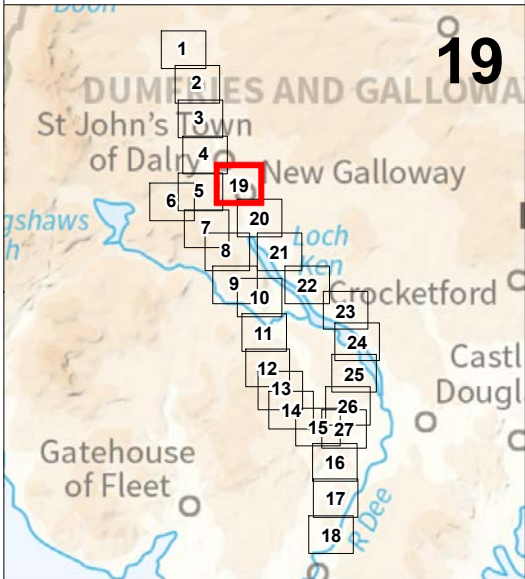
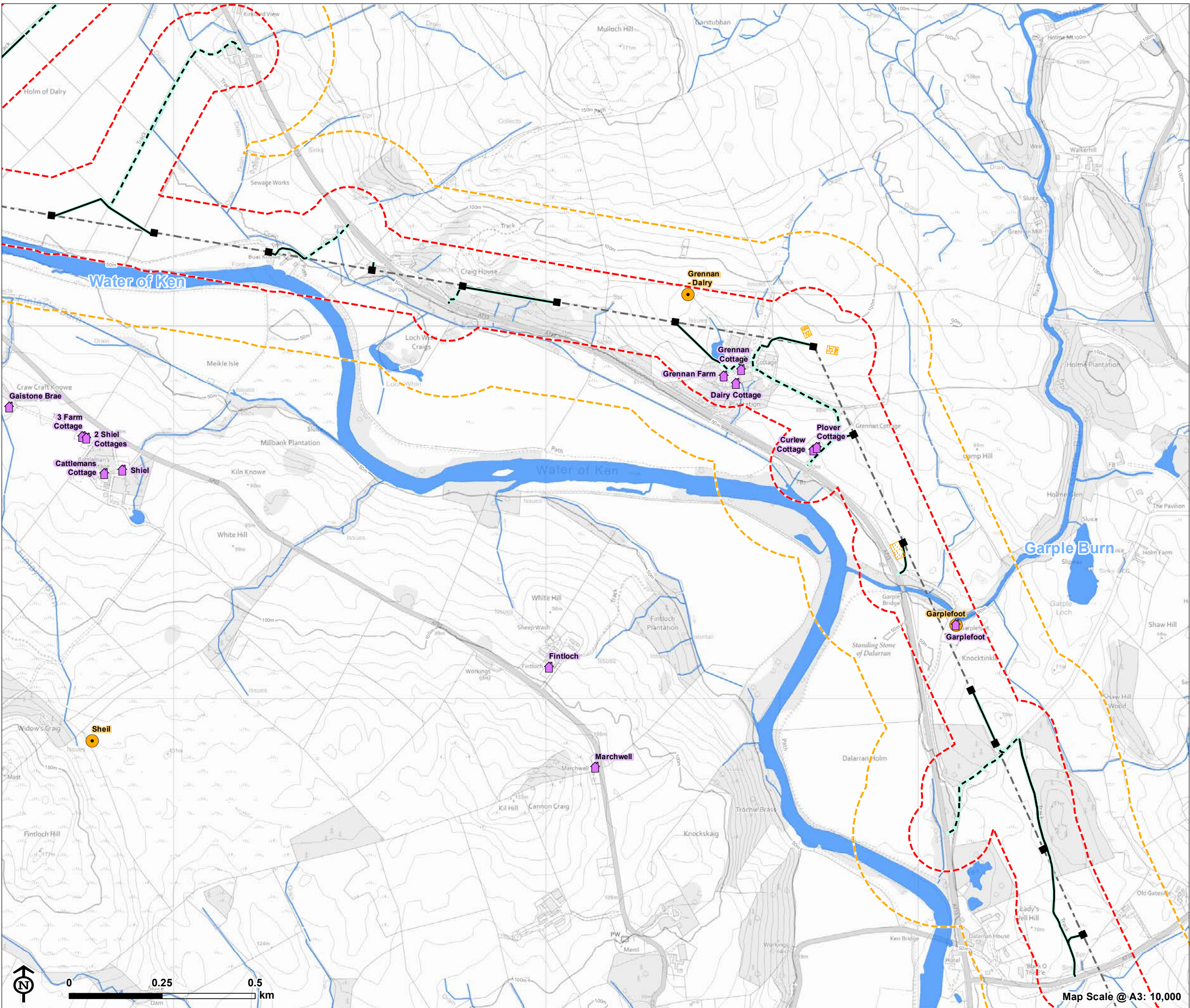




Figure 9.2.20: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
- Working area**
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody

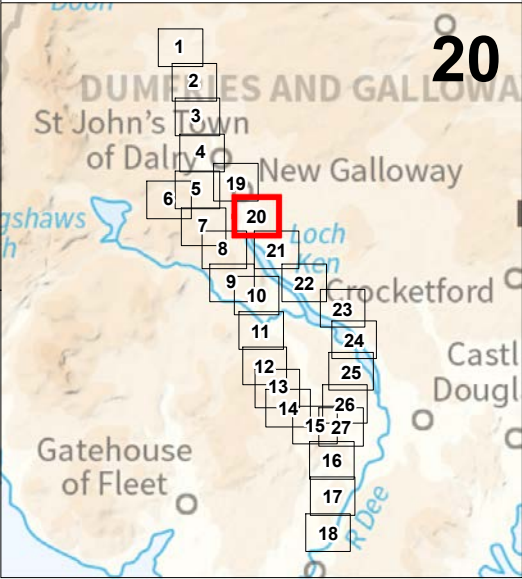
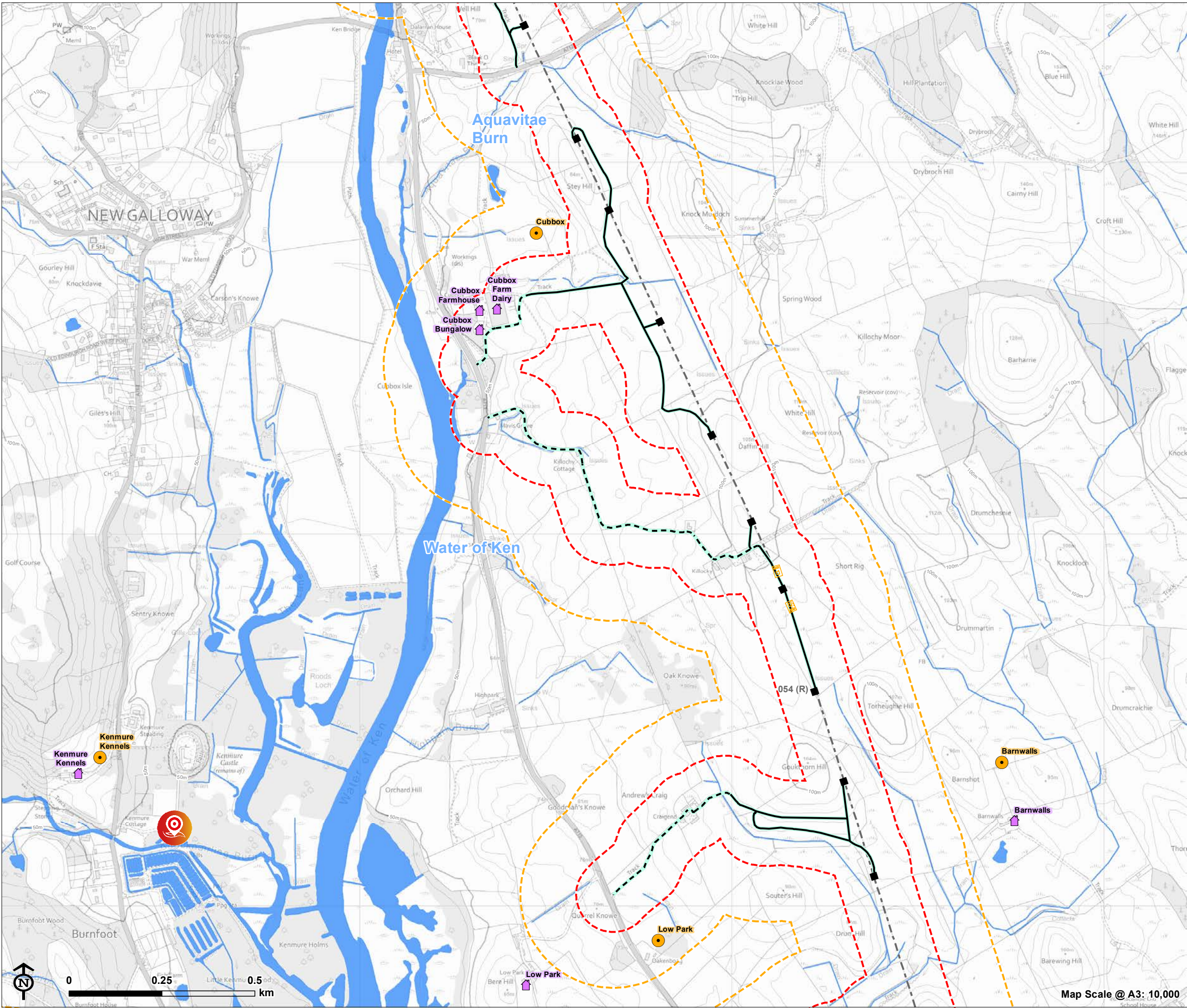




Figure 9.2.21: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
- Working area**
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody

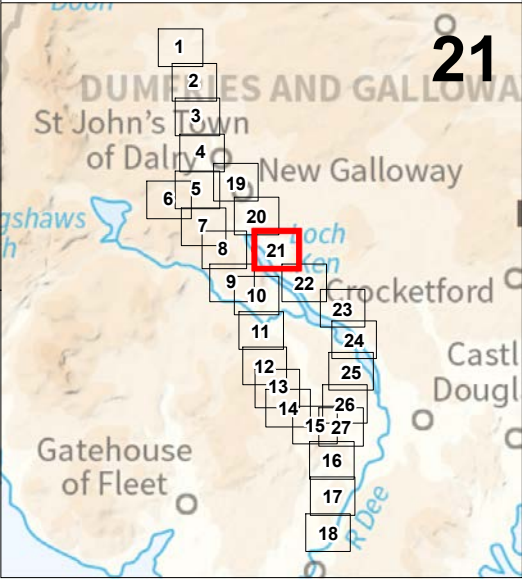
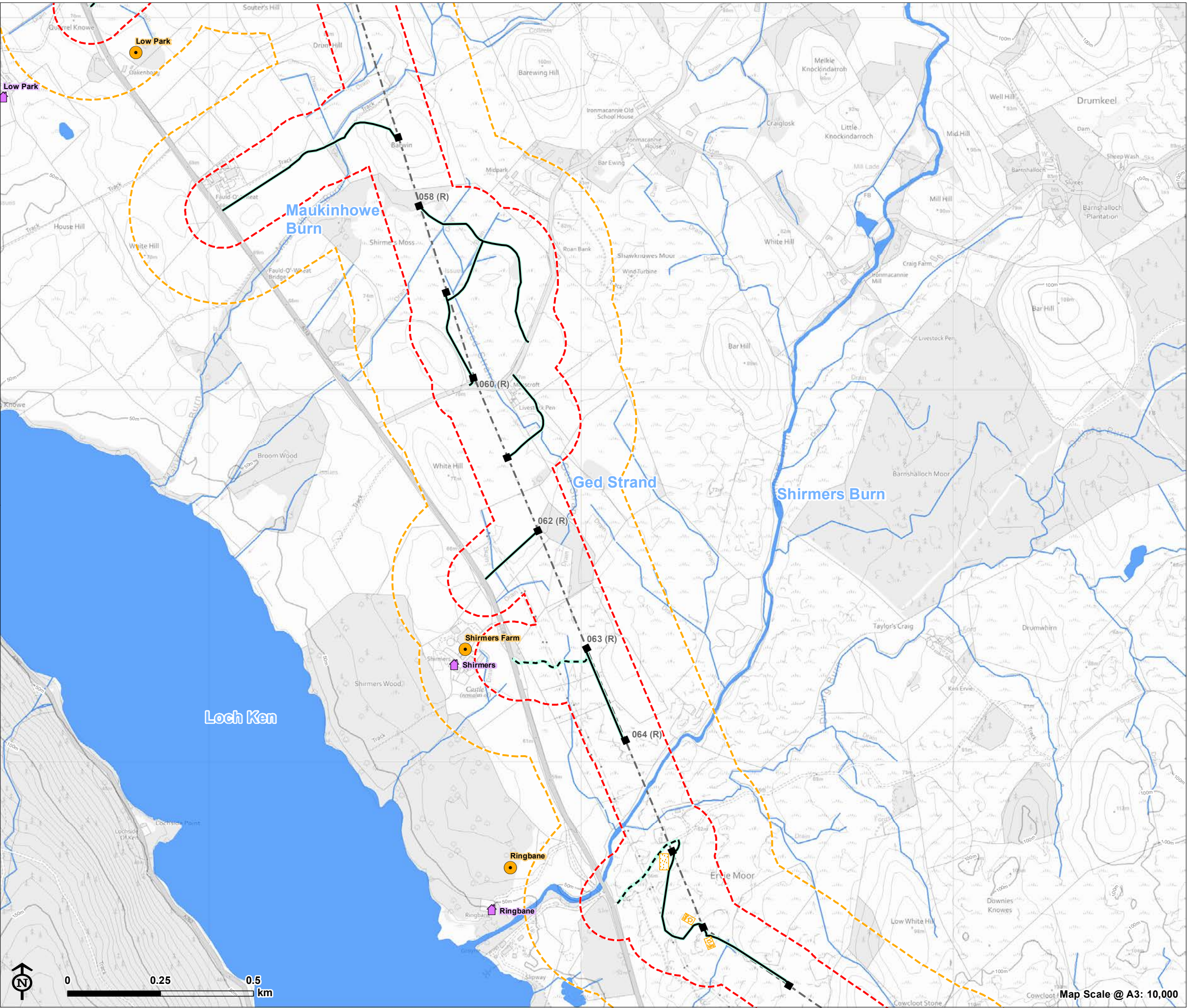




Figure 9.2.22: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
- Working area**
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody

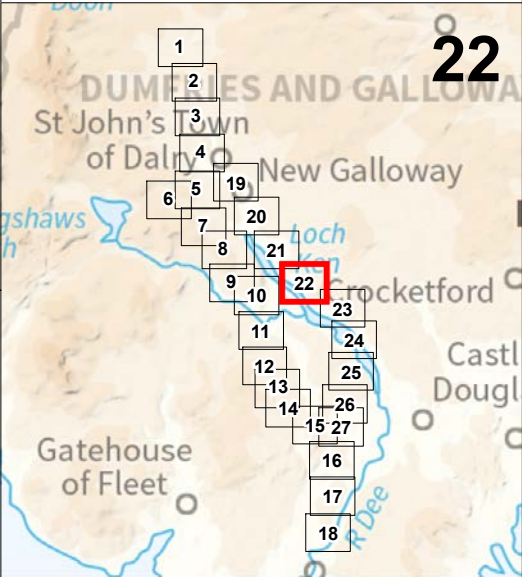
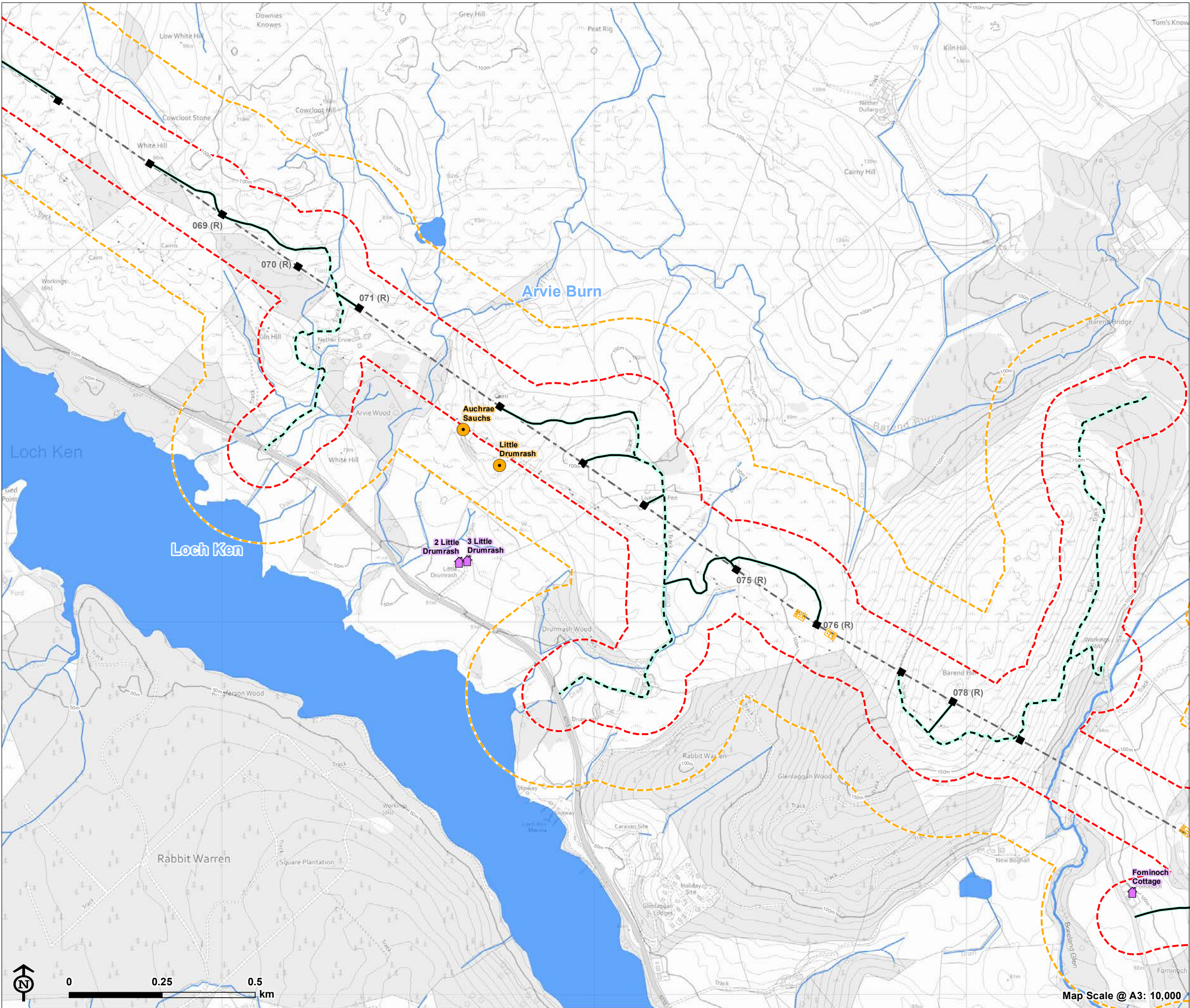




Figure 9.2.23: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
  - Working area
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody

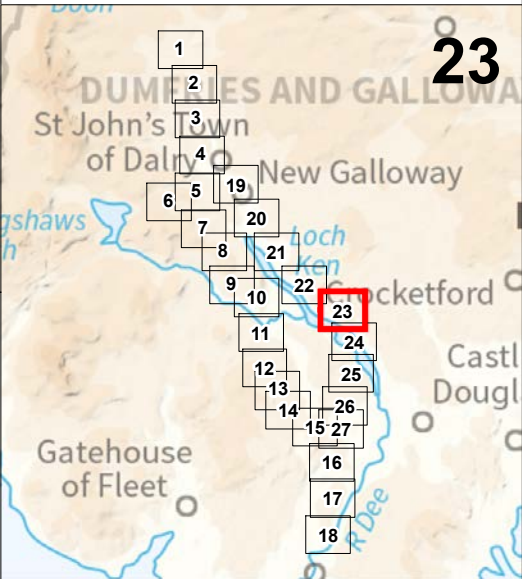
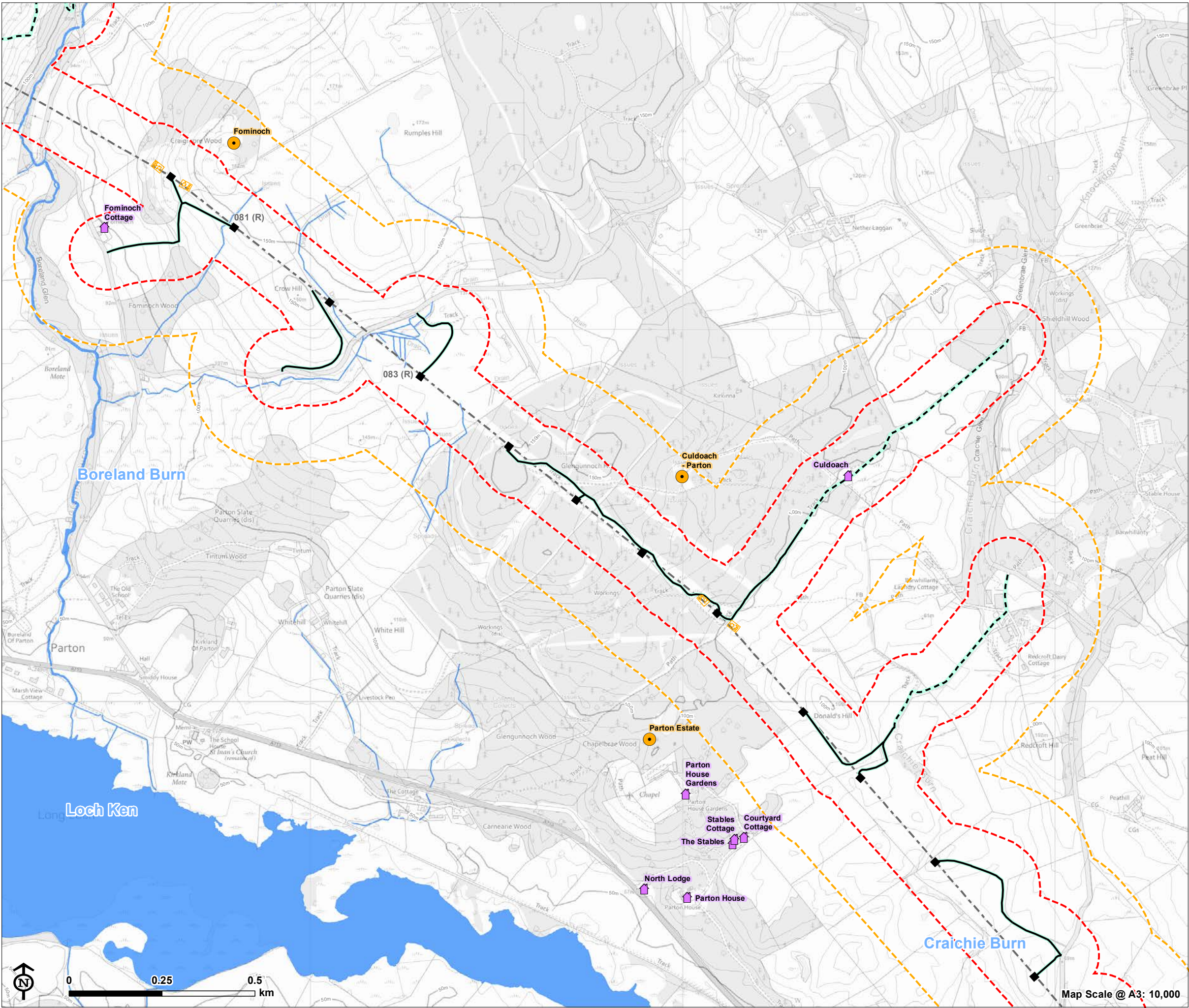
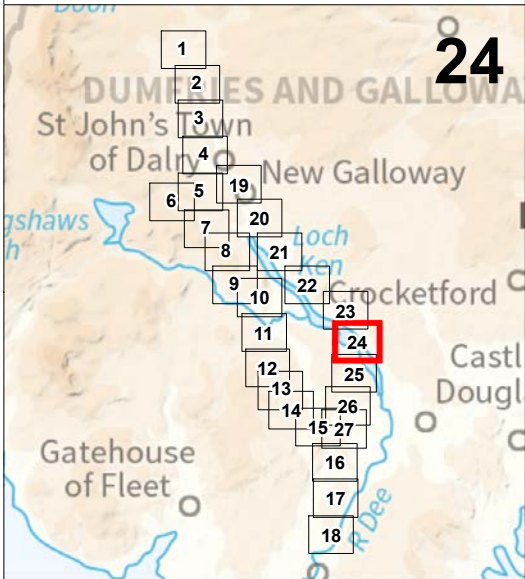
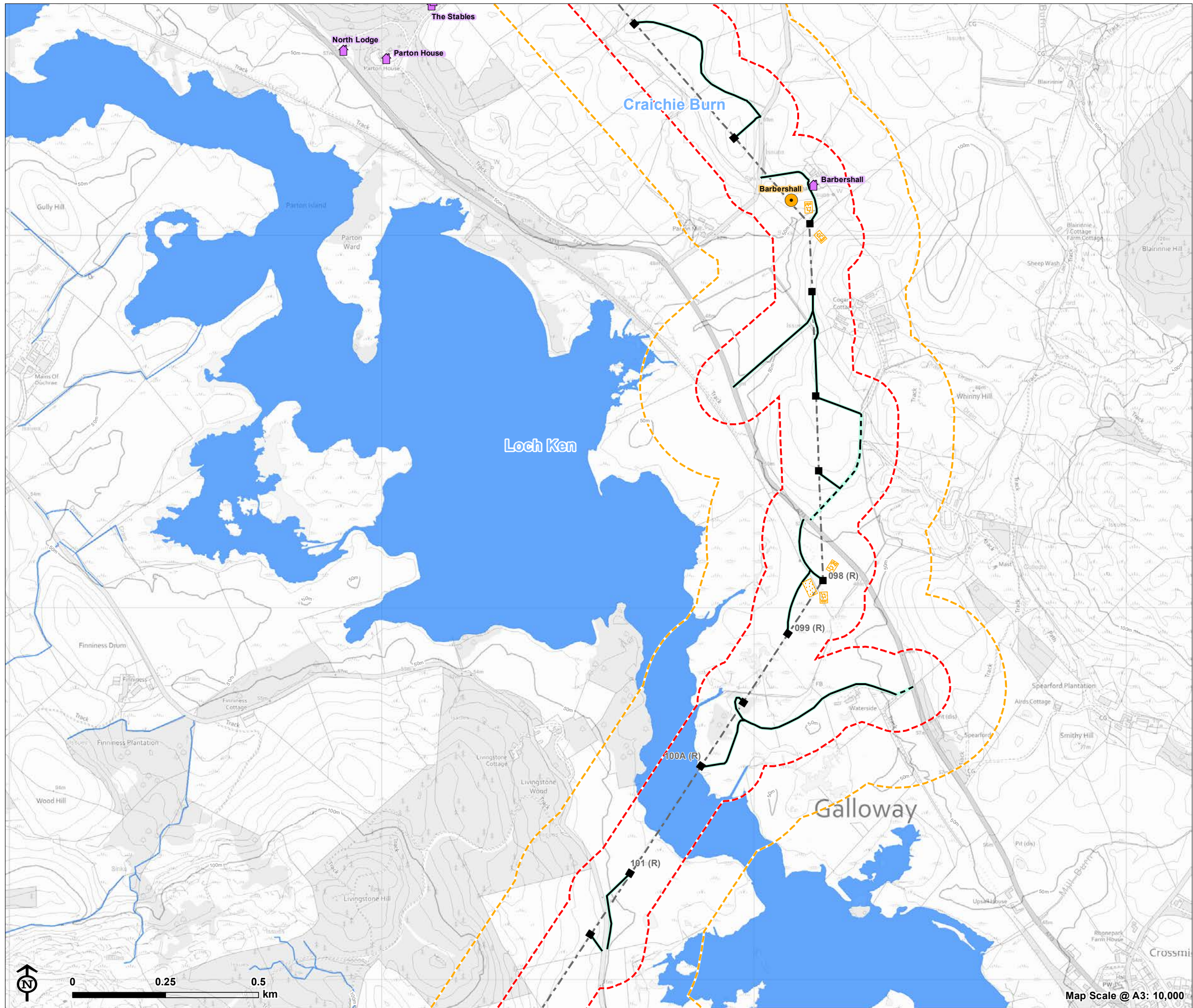




Figure 9.2.24: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
- Working area**
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody



Map Scale @ A3: 10,000



Figure 9.2.25: Hydrological Features

- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
  - Working area
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - PWS supplied property
  - PWS source location
  - Watercourse/waterbody

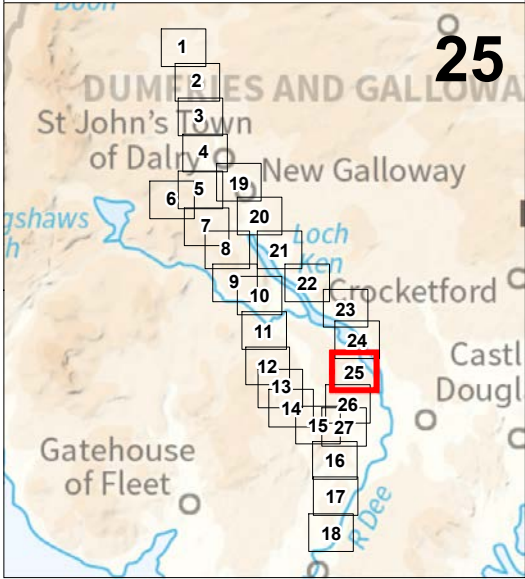
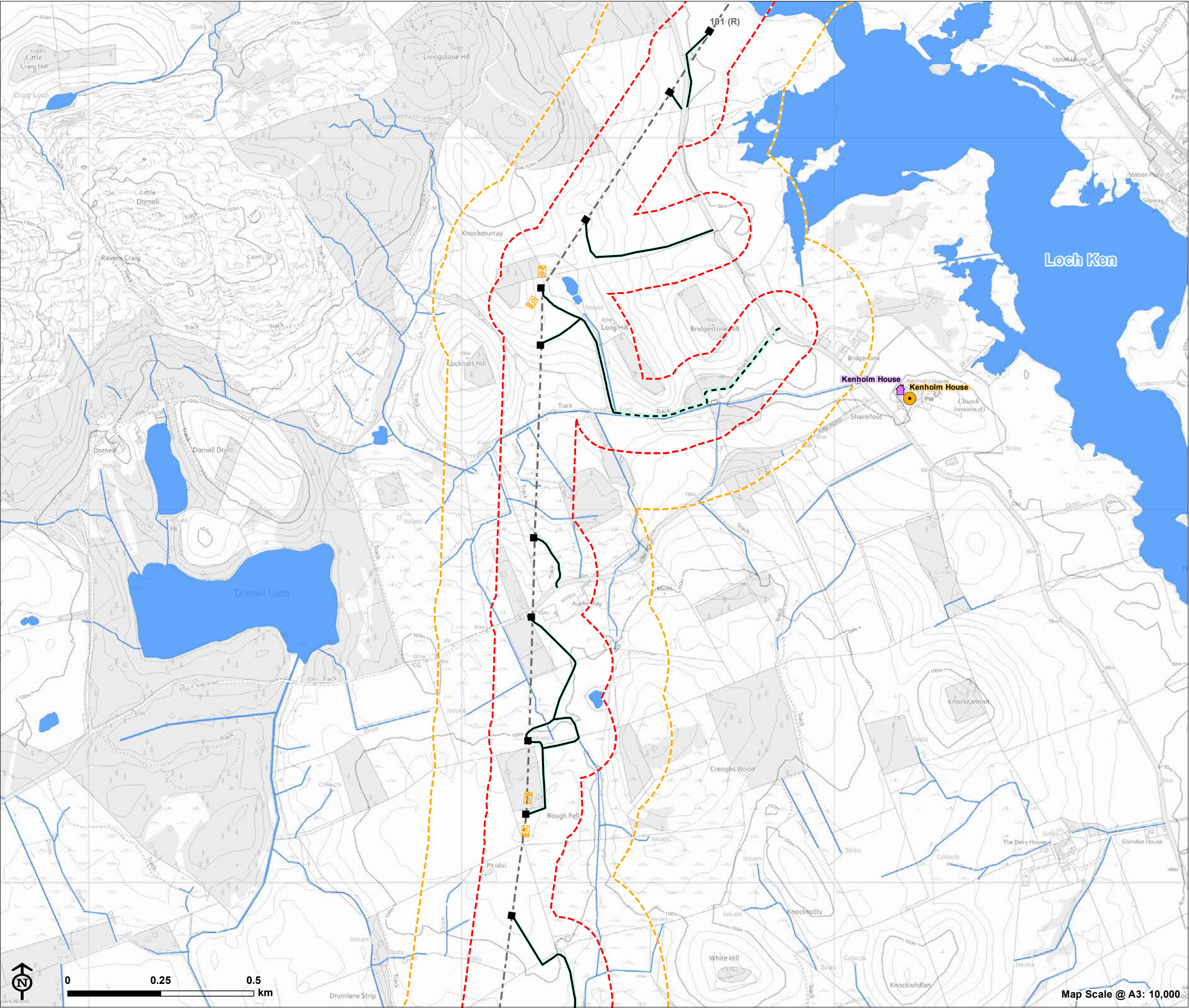
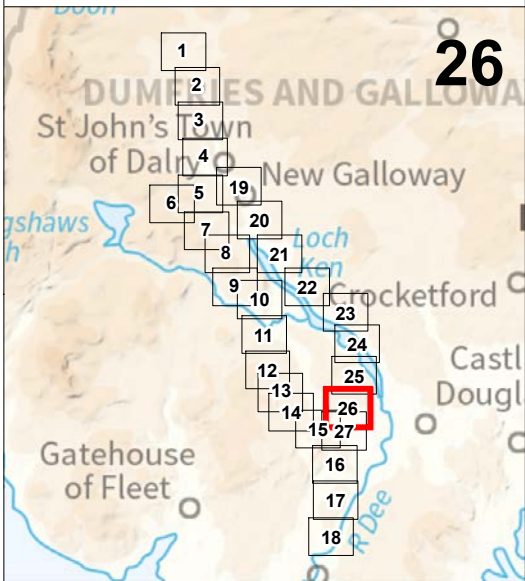
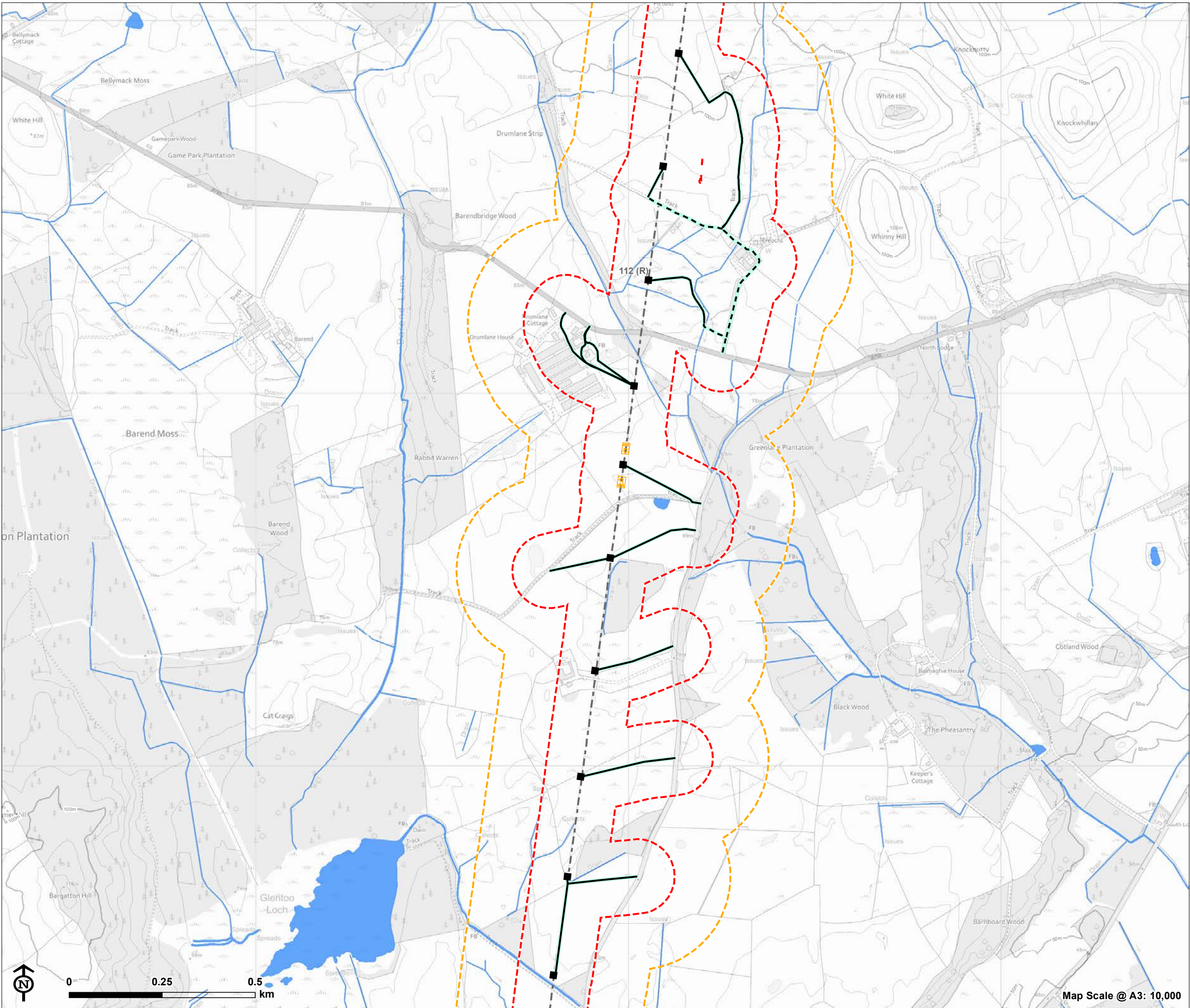




Figure 9.2.26: Hydrological Features

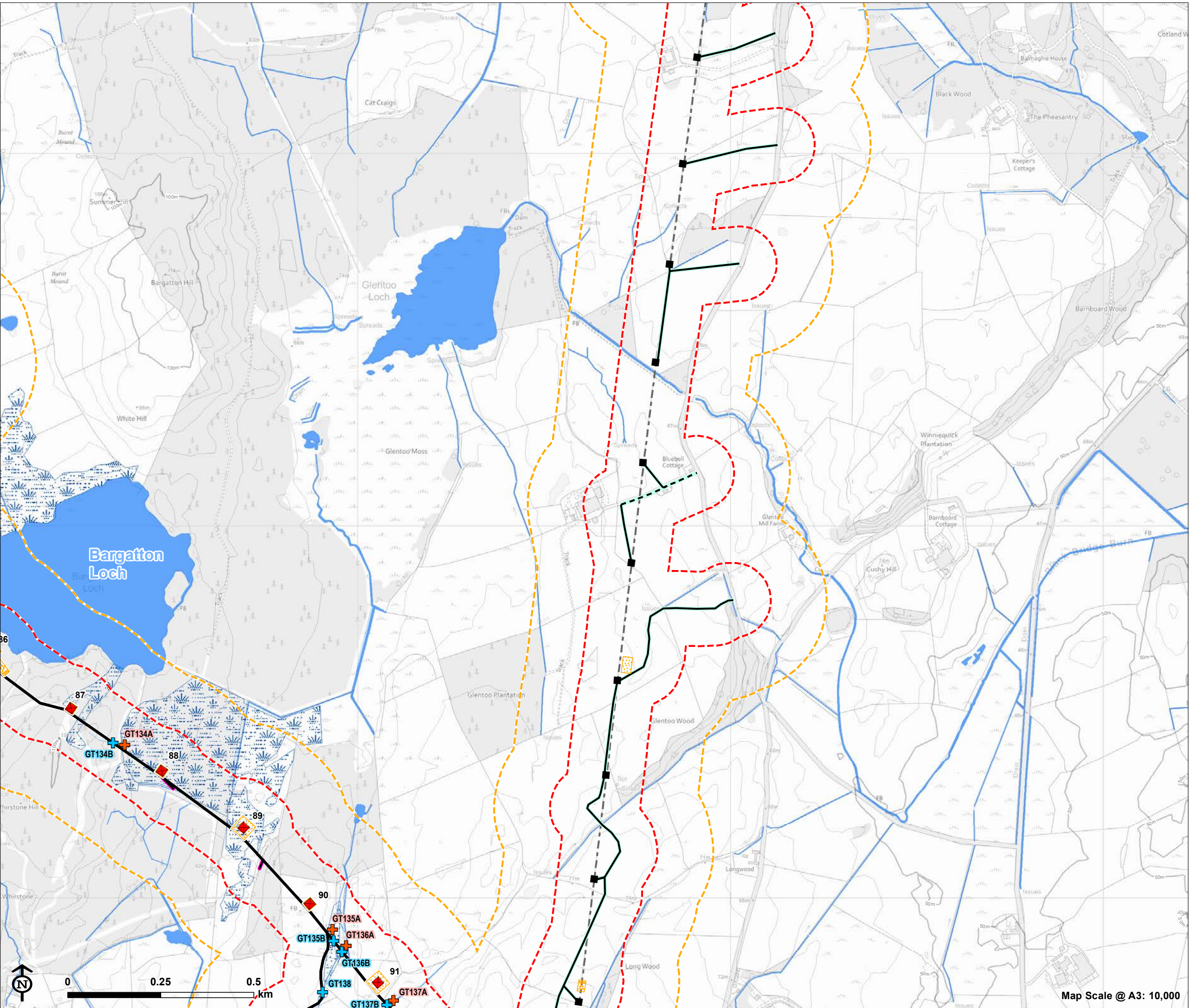
- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to towers for removal**
  - Existing access
  - New access
- Working area**
- Hydrological features**
  - 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - Watercourse/waterbody



Map Scale @ A3: 10,000



Figure 9.2.27: Hydrological Features



- Overhead line infrastructure**
- Glenlee to Tongland (steel lattice tower)
  - Existing tower for removal
  - - - Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Access to proposed towers**
- New access
  - Timber extraction spur
- Access to towers for removal**
- - - Existing access
  - New access
  - Working area
- Hydrological features**
- 250m buffer from infrastructure
  - 100m buffer from infrastructure
  - ✚ Crossing - overhead line
  - ✚ Crossing - new access
  - Watercourse/waterbody
  - Marsh

