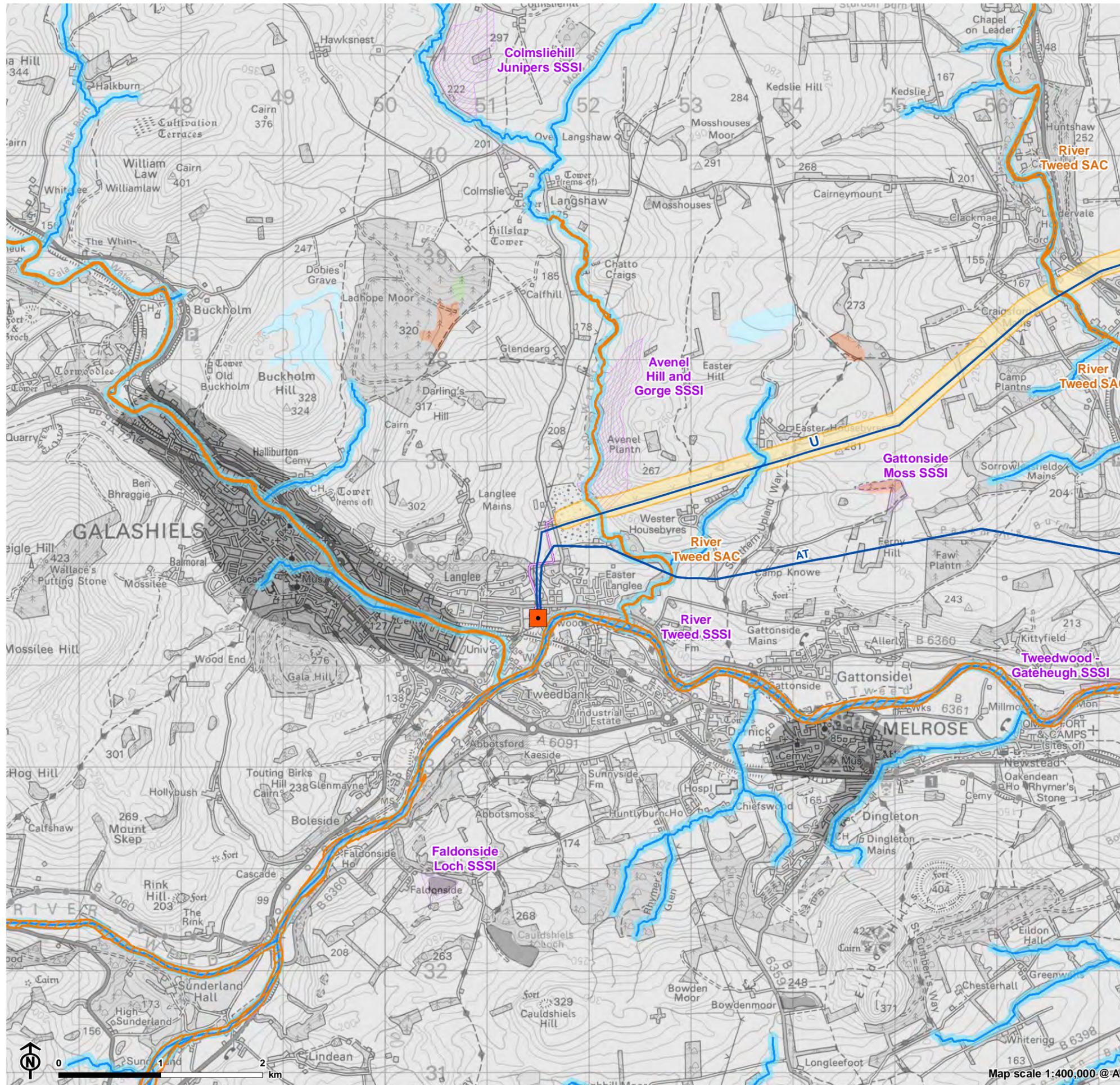


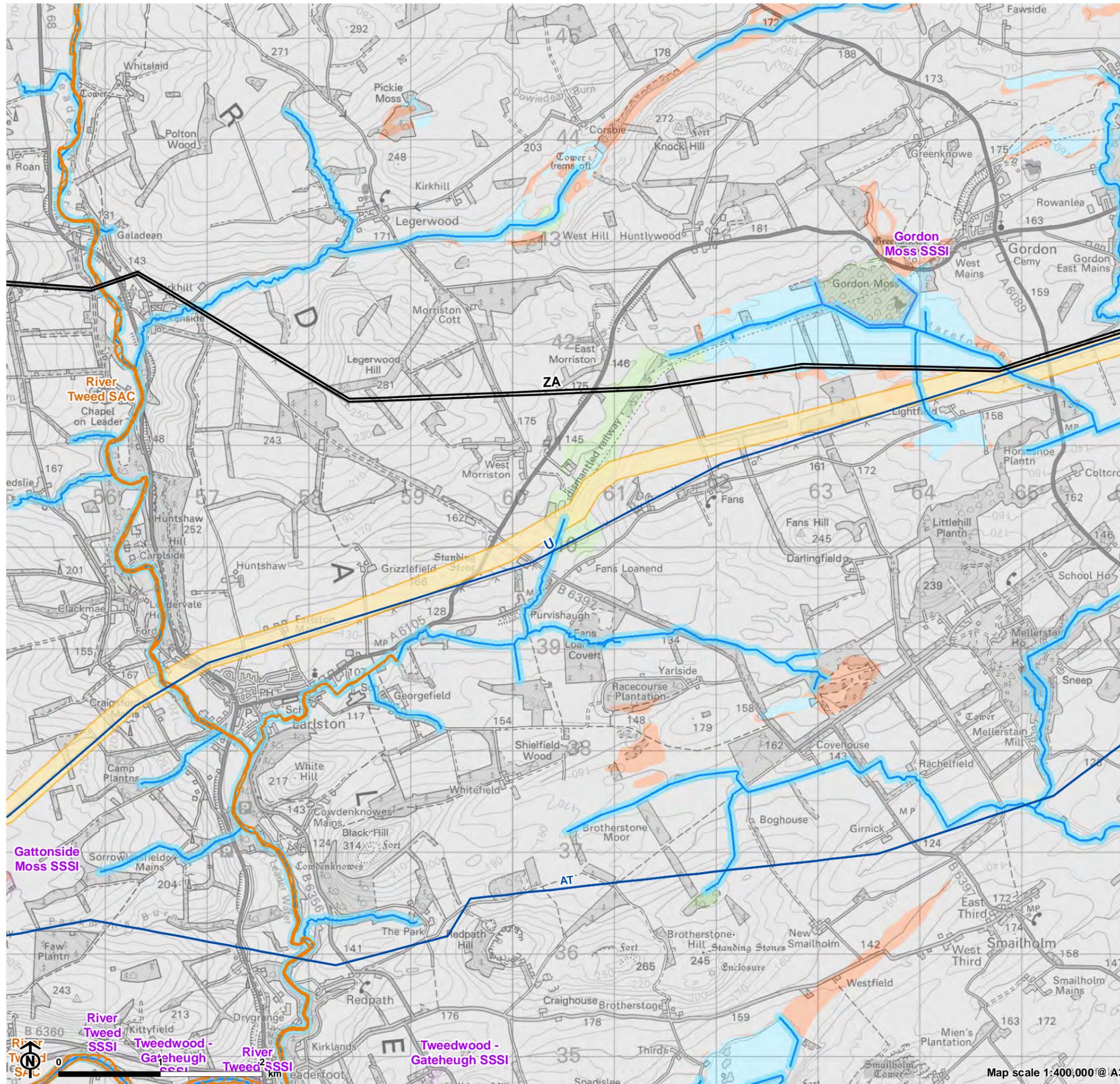
Figure 5.1a: Hydrological Setting



- Proposed new OHL route
- Proposed new UGC route (Galashiels)
- Substation
- 132kV overhead line
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Watercourse
- 50m watercourse buffer
- NatureScot Peat Classification**
- Class 3: Predominantly peaty soil with some peat soil
- Class 4: Predominantly mineral soil with some peat soil
- Class 5: Peat soil
- Class 0: Mineral soil
- No soil



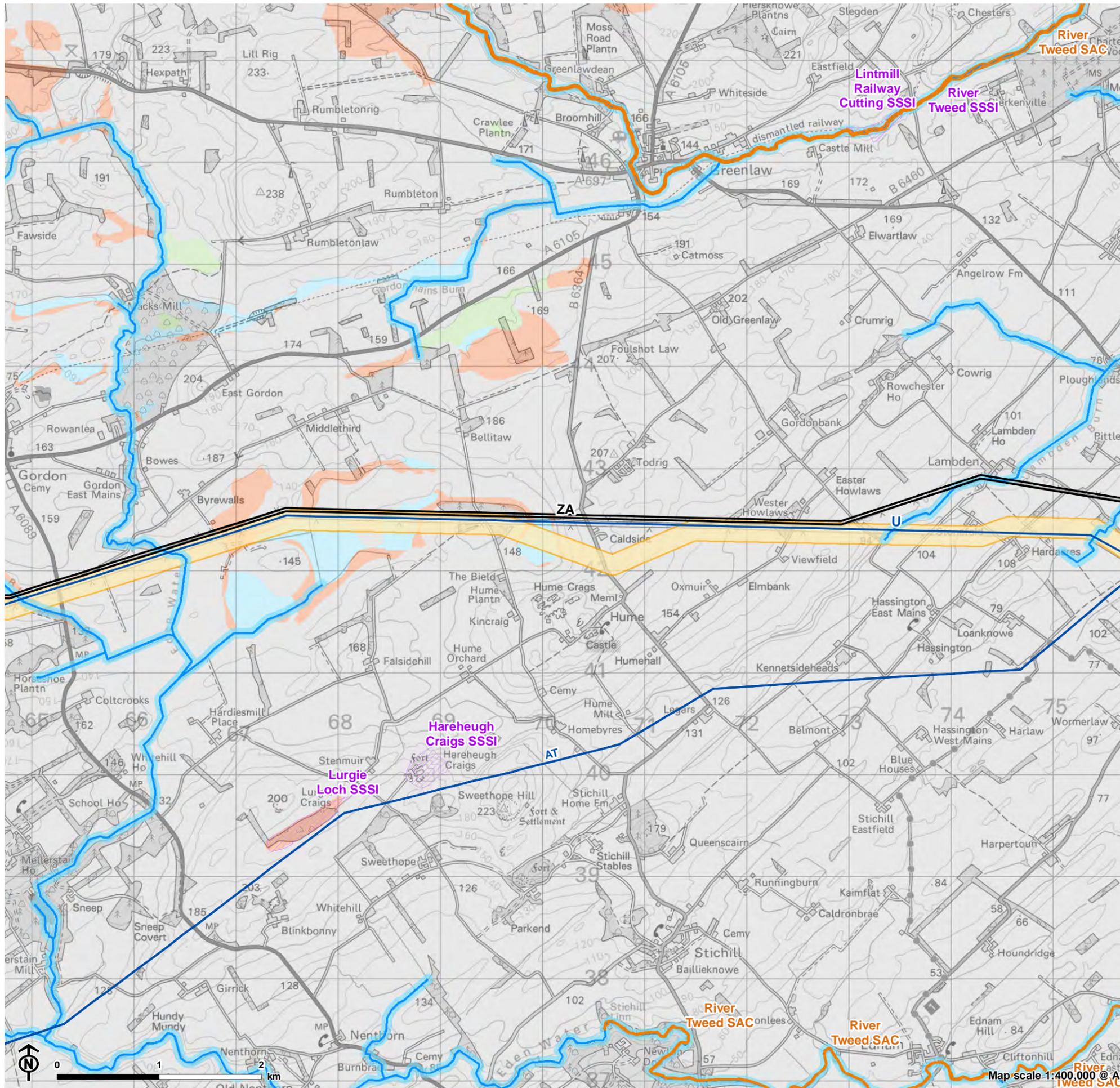
Figure 5.1b: Hydrological Setting



- Proposed new OHL route
- 132kV overhead line
- 400kV overhead line
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Watercourse
- 50m watercourse buffer
- NatureScot Peat Classification**
- Class 3: Predominantly peaty soil with some peat soil
- Class 4: Predominantly mineral soil with some peat soil
- Class 5: Peat soil
- Class 0: Mineral soil
- No soil



Figure 5.1c: Hydrological Setting



- Proposed new OHL route
- 132kV overhead line
- 400kV overhead line
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Watercourse
- 50m watercourse buffer
- NatureScot Peat Classification**
- Class 3: Predominantly peaty soil with some peat soil
- Class 4: Predominantly mineral soil with some peat soil
- Class 5: Peat soil
- Class 0: Mineral soil
- No soil

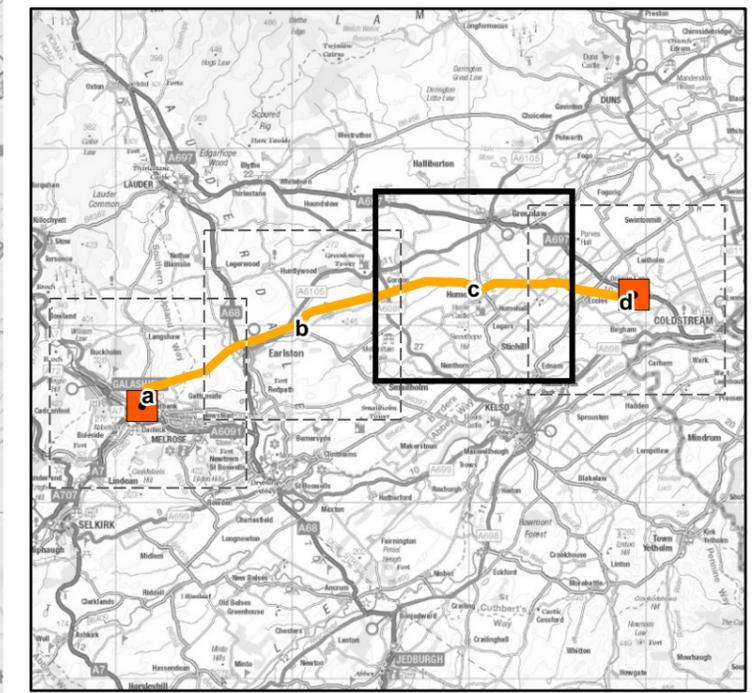
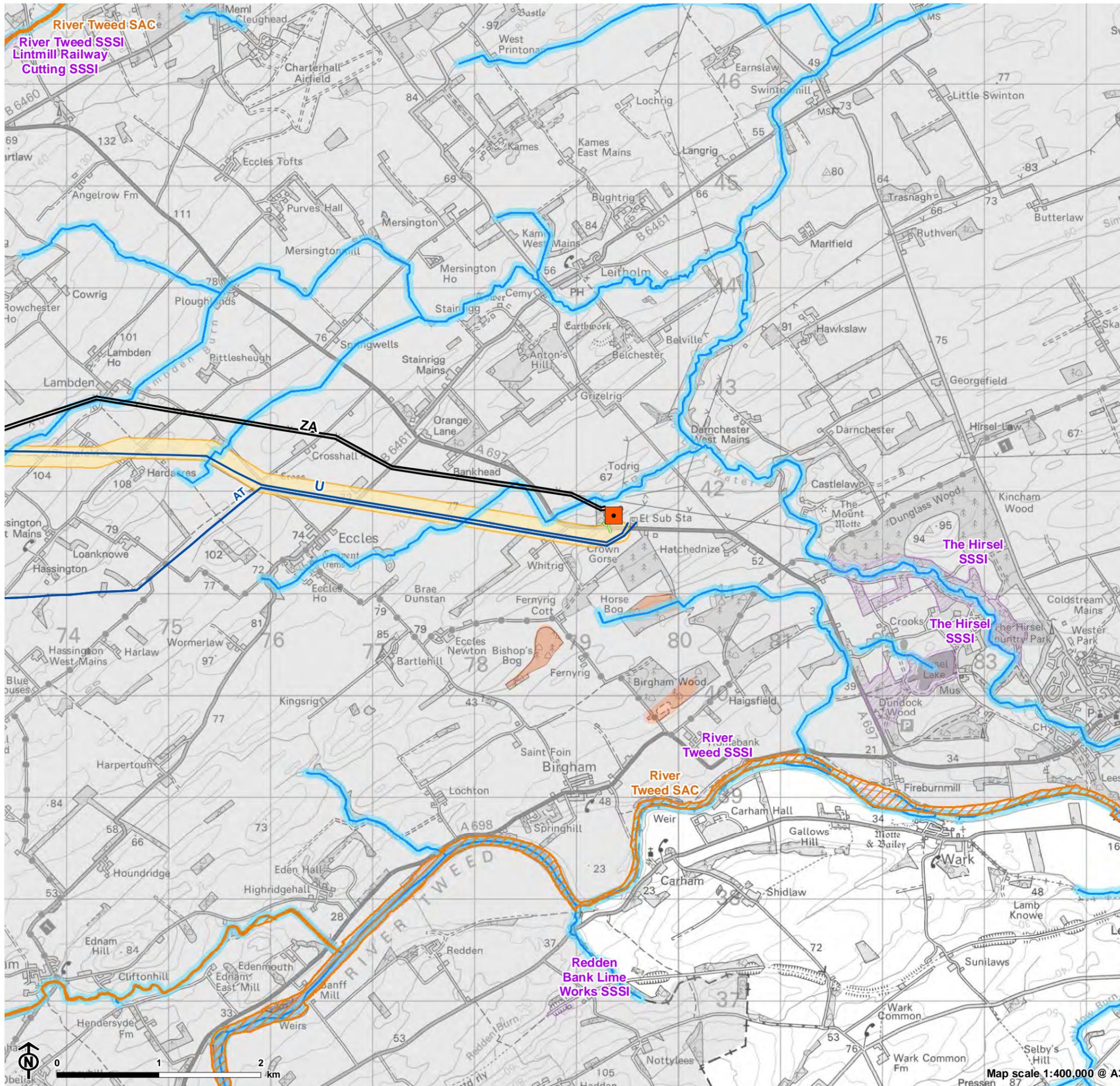




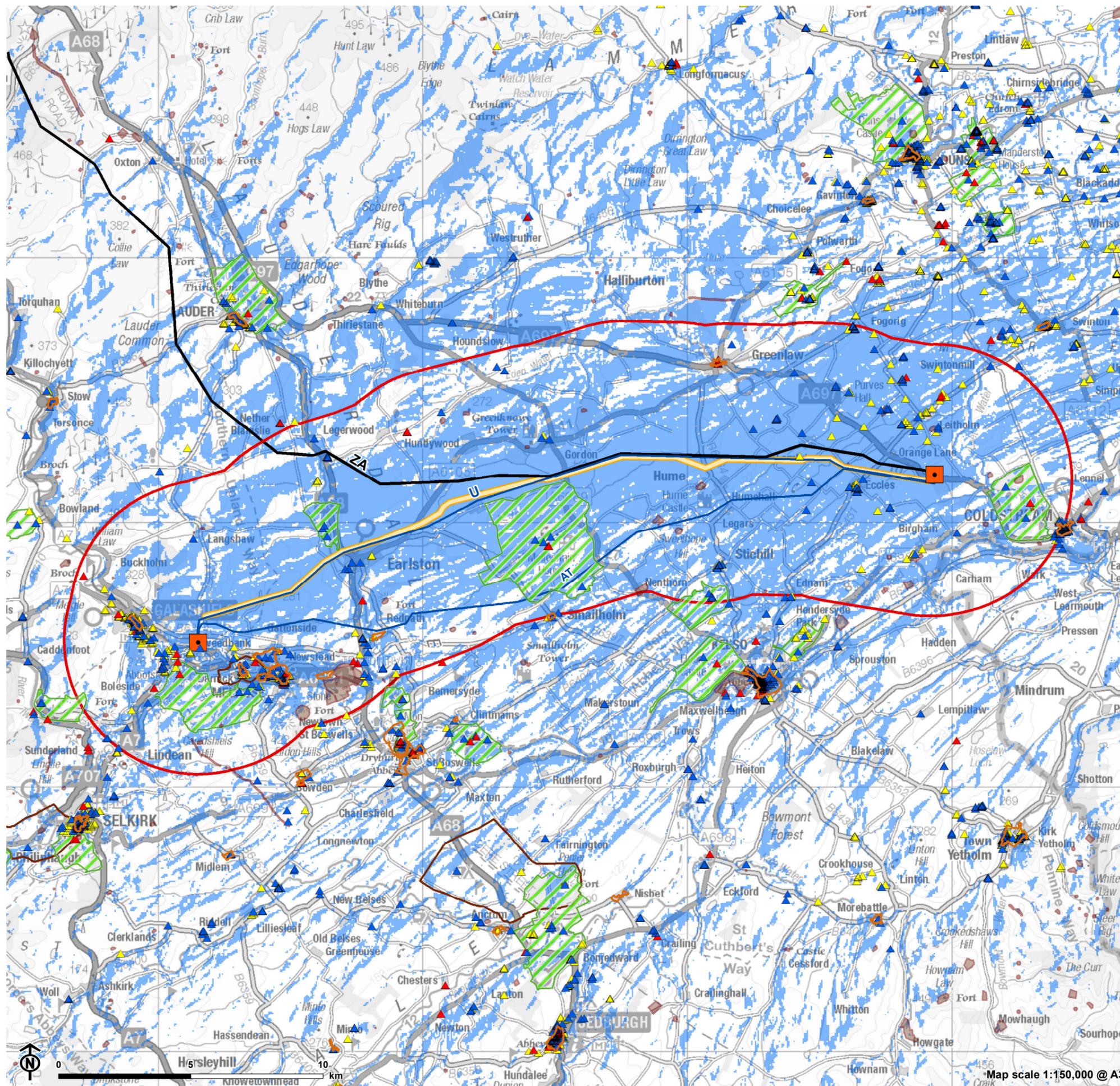
Figure 5.1d: Hydrological Setting



- Proposed new OHL route
- Proposed new UGC route (Eccles)
- Substation
- 132kV overhead line
- 400kV overhead line
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)
- Watercourse
- 50m watercourse buffer
- NatureScot Peat Classification**
- Class 4: Predominantly mineral soil with some peat soil
- Class 0: Mineral soil
- No soil



Figure 8.1: Designated Cultural Heritage Assets

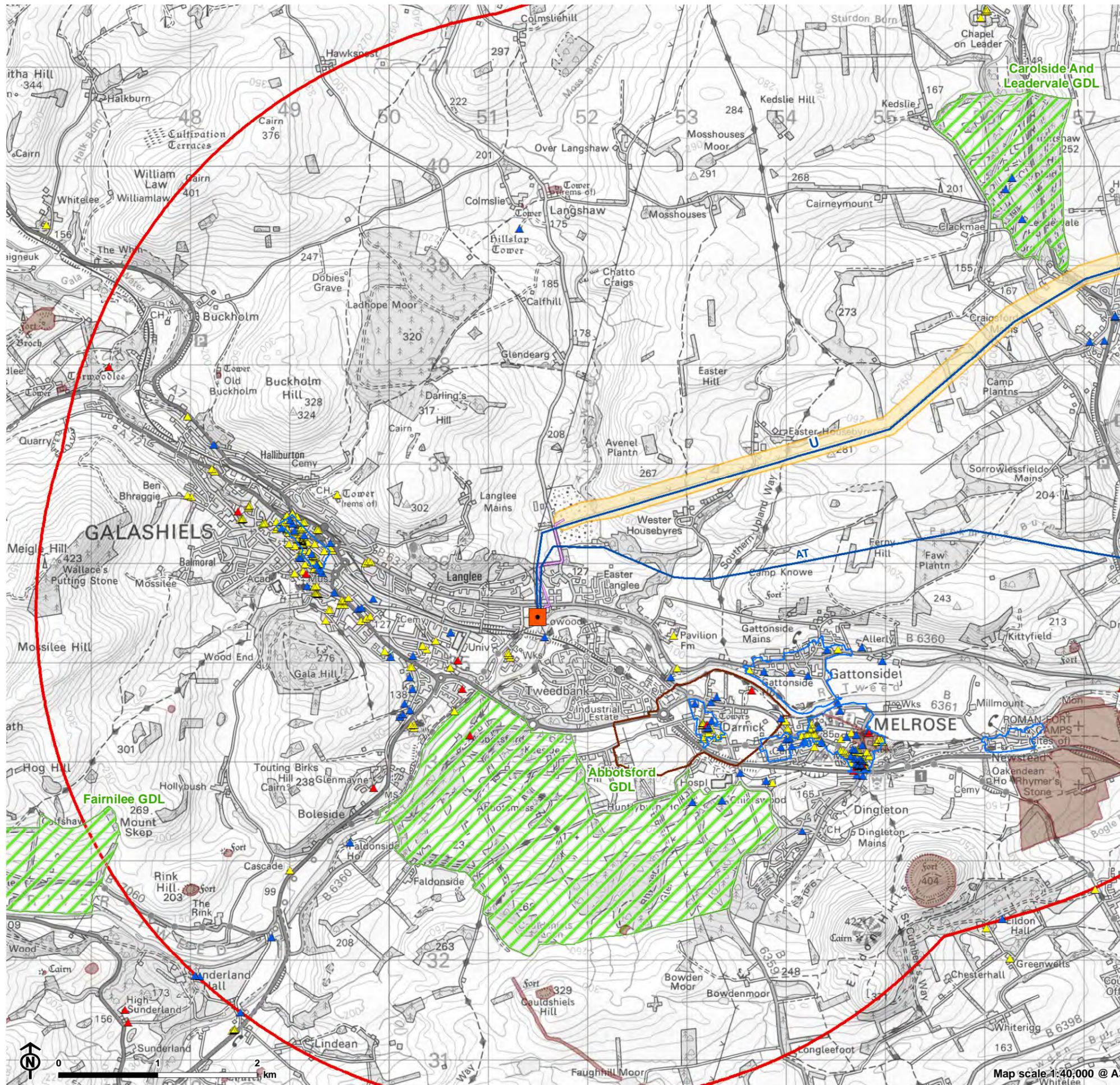


- 5km study area
- Proposed new OHL route
- Substation
- 132kV overhead line
- 400kV overhead line
- Overhead line towers theoretically visible
- ▲ Category A Listed Building
- ▲ Category B Listed Building
- ▲ Category C Listed Building
- Scheduled Monument
- Garden and Designed Landscape
- Battlefield
- Conservation Area

The ZTV is calculated to tower height (22-38m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.



Figure 8.2a: Cultural Heritage Assets Within the Preferred Option Corridor



- 5km study area
- Proposed new OHL route
- Proposed new UGC route (Galashiels)
- Substation
- 132kV overhead line
- ▲ Category A Listed Building
- ▲ Category B Listed Building
- ▲ Category C Listed Building
- Scheduled Monument
- Garden and Designed Landscape
- Battlefield
- Conservation Area

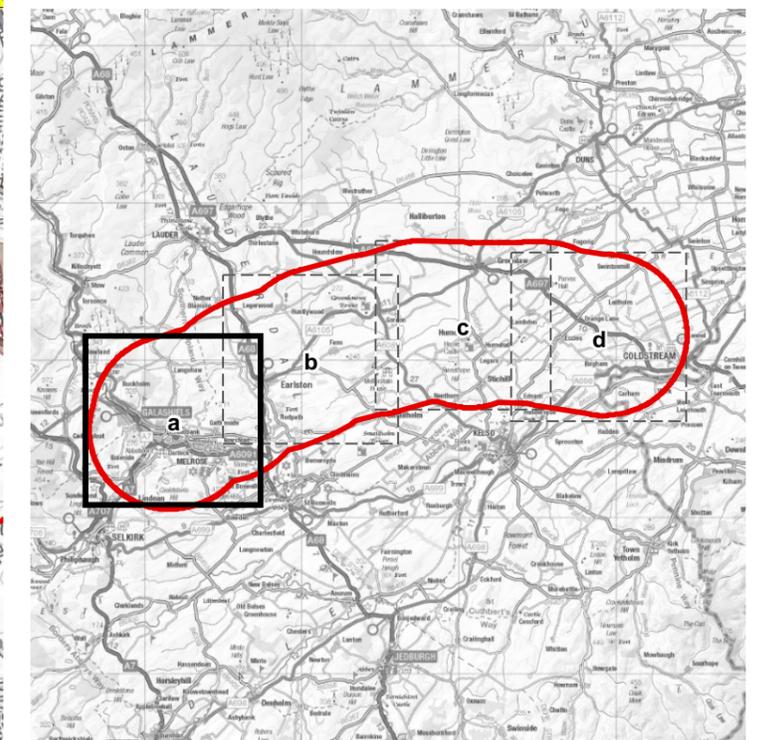
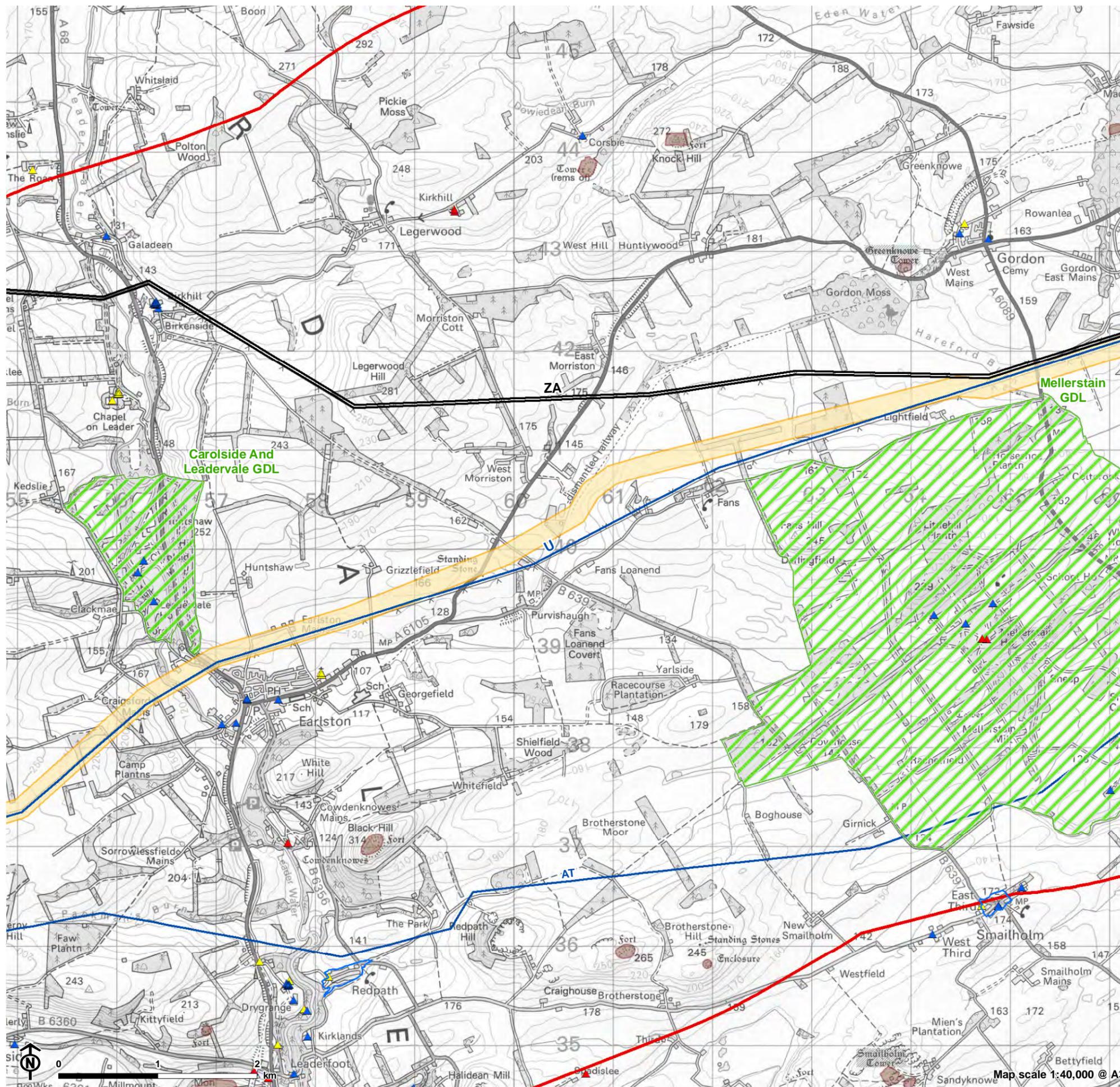


Figure 8.2b: Cultural Heritage Assets Within the Preferred Option Corridor



- 5km study area
- Proposed new OHL route
- 132kV overhead line
- 400kV overhead line
- ▲ Category A Listed Building
- ▲ Category B Listed Building
- ▲ Category C Listed Building
- Scheduled Monument
- Garden and Designed Landscape
- Conservation Area

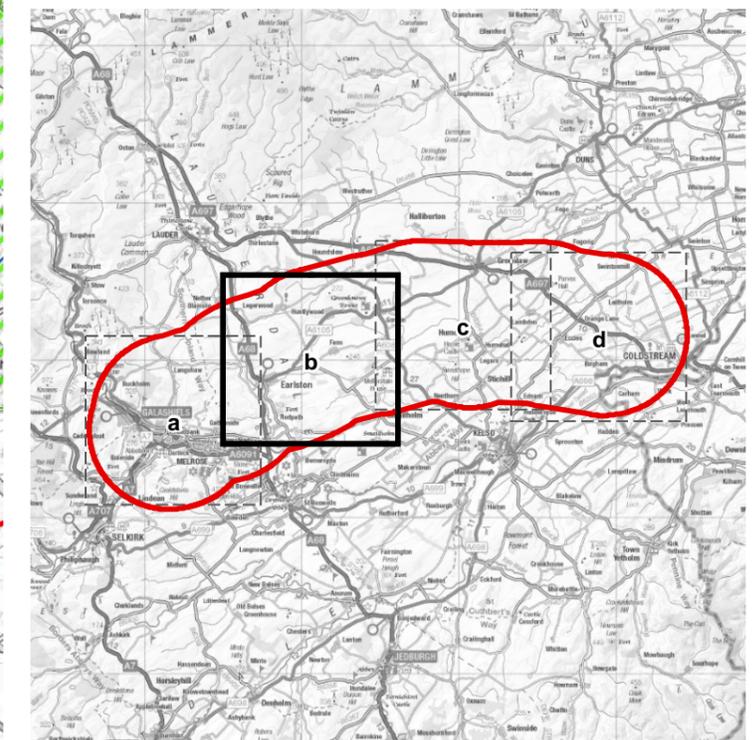
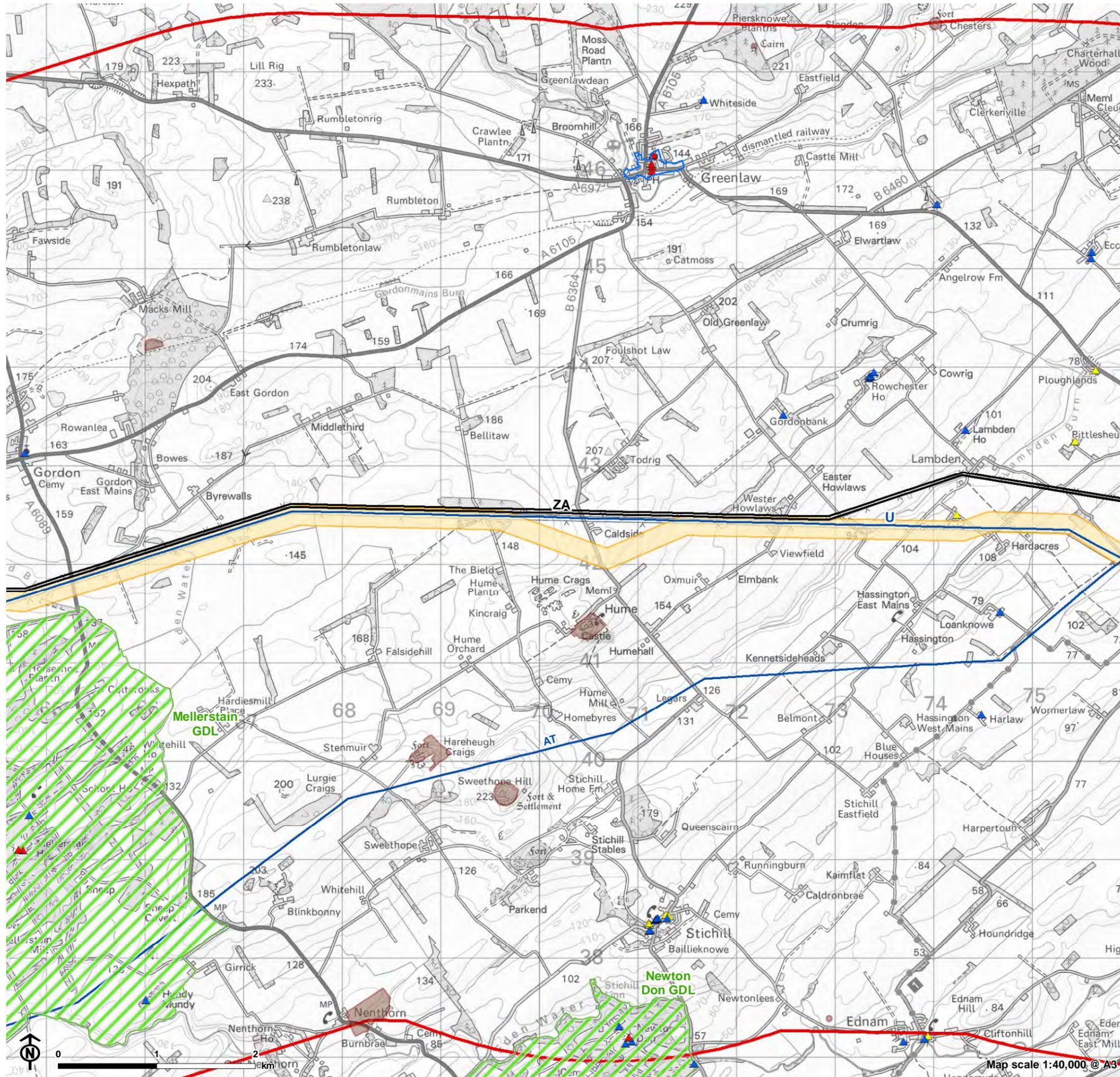


Figure 8.2c: Cultural Heritage Assets Within the Preferred Option Corridor



- 5km study area
- Proposed new OHL route
- 132kV overhead line
- 400kV overhead line
- ▲ Category A Listed Building
- ▲ Category B Listed Building
- ▲ Category C Listed Building
- Scheduled Monument
- Garden and Designed Landscape
- Conservation Area

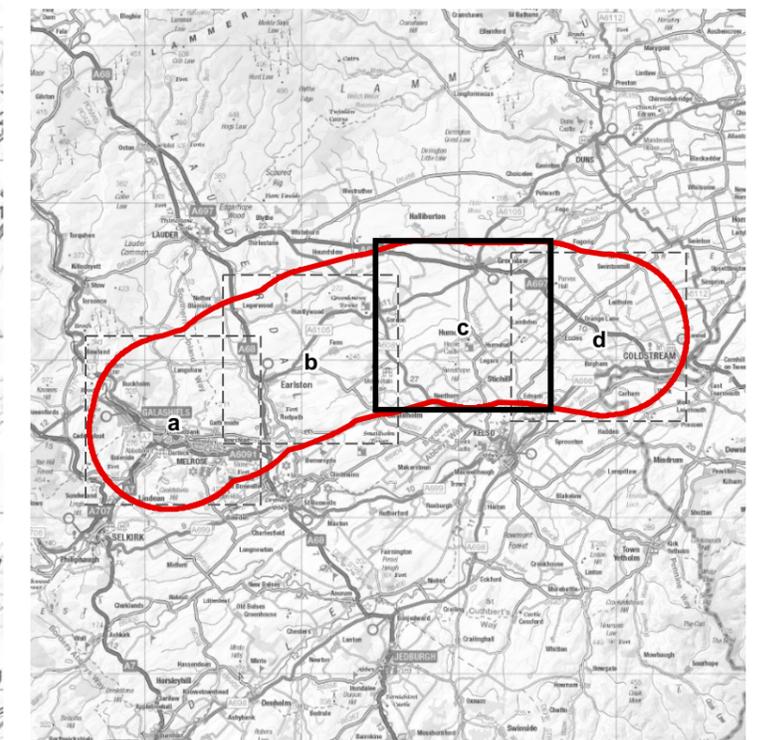
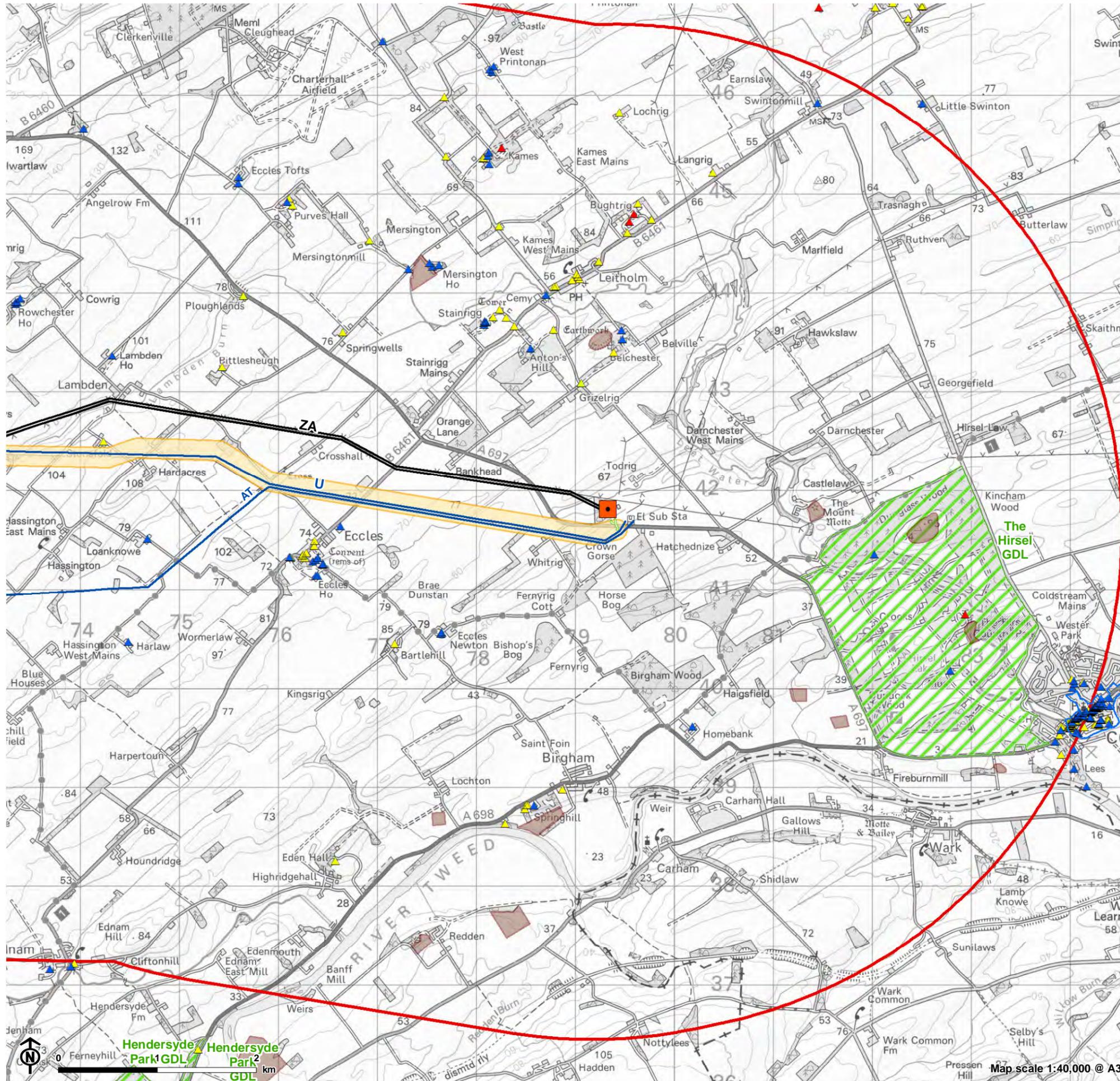




Figure 8.2d: Cultural Heritage Assets Within the Preferred Option Corridor



- 5km study area
- Proposed new OHL route
- Proposed new UGC route (Eccles)
- Substation
- 132kV overhead line
- 400kV overhead line
- ▲ Category A Listed Building
- ▲ Category B Listed Building
- ▲ Category C Listed Building
- Scheduled Monument
- Garden and Designed Landscape
- Conservation Area

