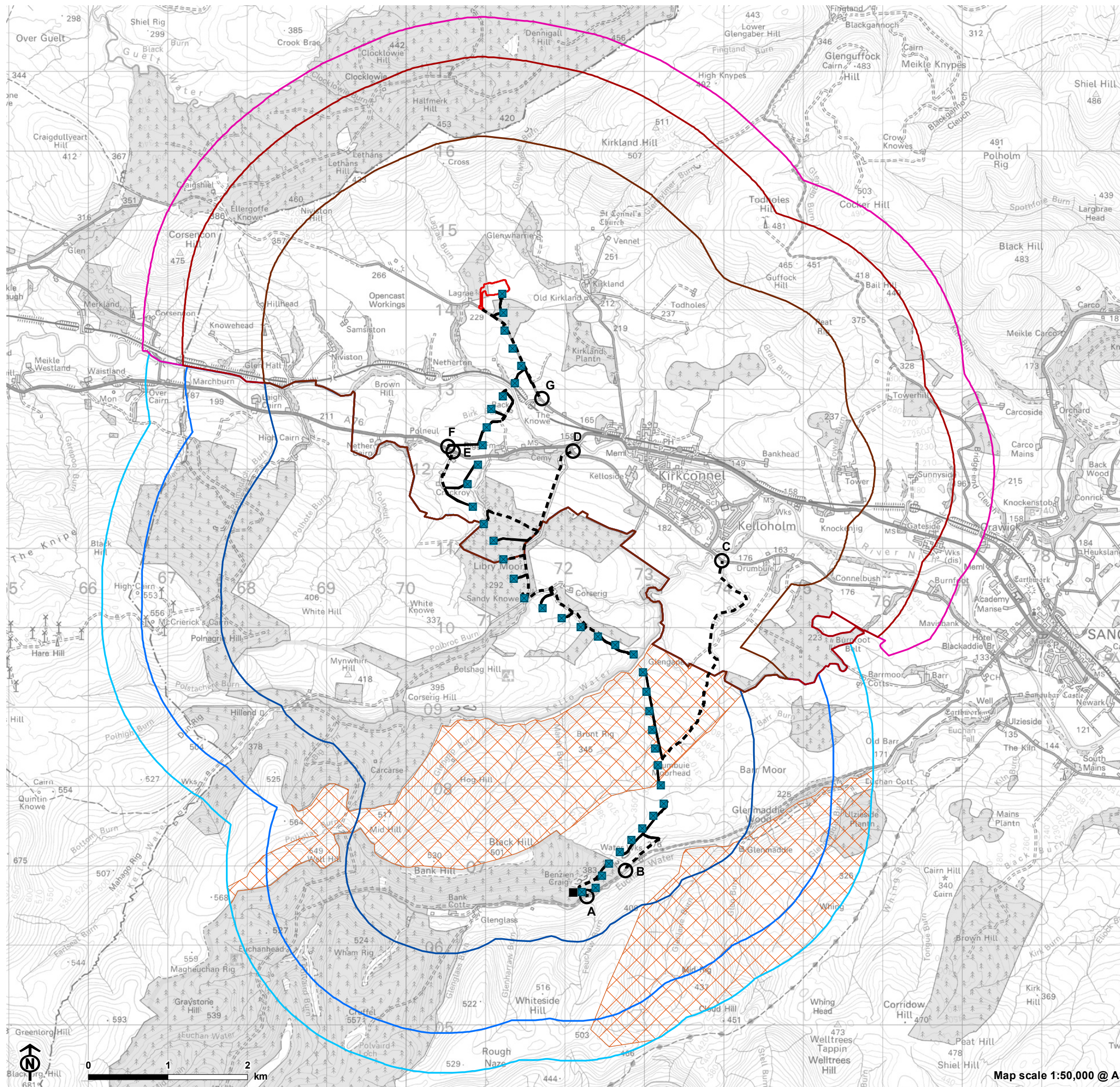


Figure 9.1: Ornithological Survey Boundaries



Overhead line infrastructure

- Tower (steel lattice tower)

Access to proposed towers and temporary work areas

- - - Existing access track
- New access track
- Access point

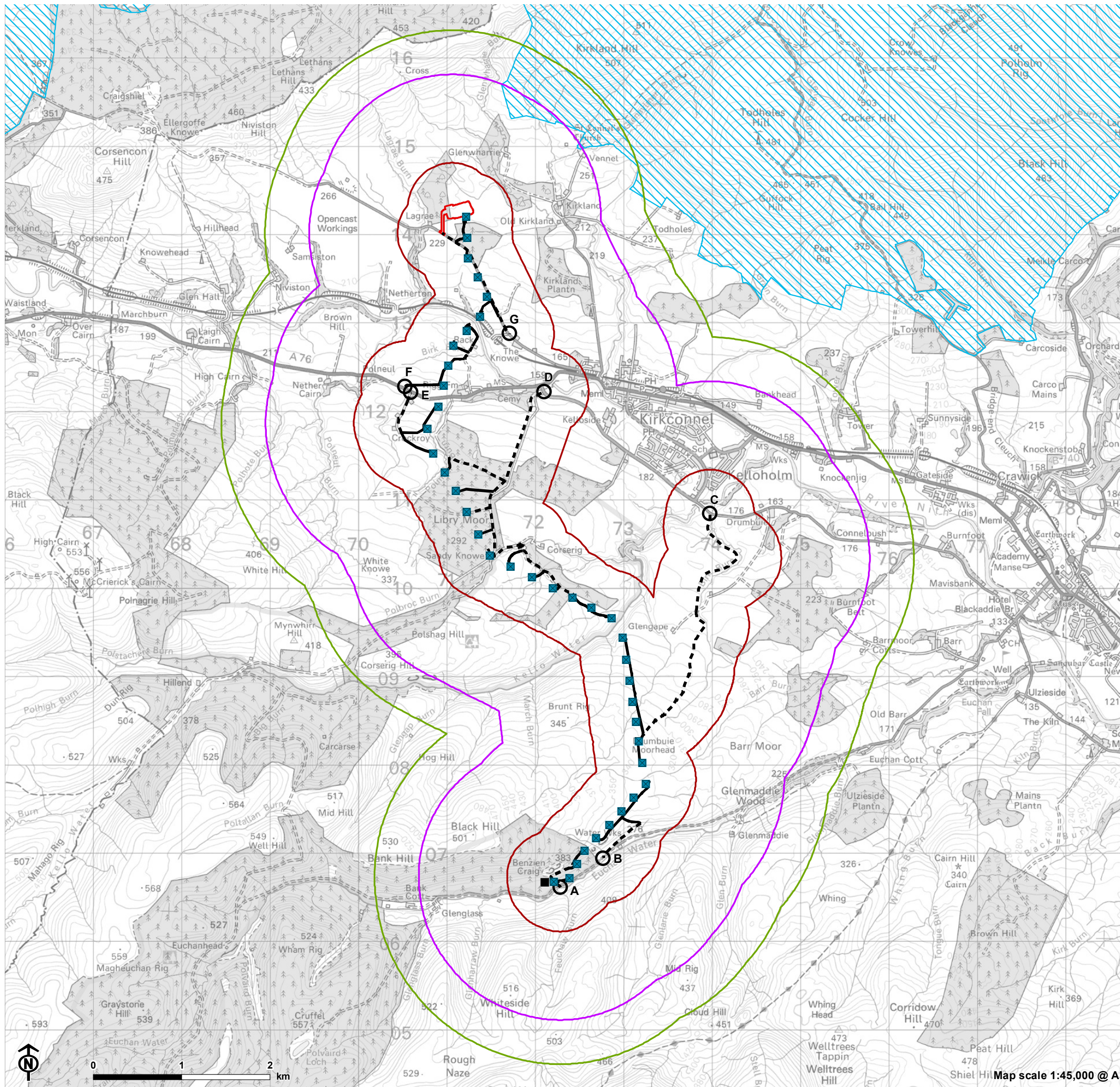
Substations

- Glenmuckloch substation site boundary
- Glenglass substation and proposed extension (does not form part of this application)

Ornithological survey boundaries

- NRP breeding bird study area 500m survey buffer
- NRP black grouse study area 1.5km survey buffer
- NRP Scarce bird study area 2km survey buffer
- MBEC breeding bird study area 500m survey buffer
- MBEC black grouse study area 1.5km survey buffer
- MBEC scarce bird study area 2km survey buffer
- ▨ No access to this area during 2018, black grouse surveys carried out here in 2021

Figure 9.2: GGRP Location and Designated Areas



- Overhead line infrastructure**
- Tower (steel lattice tower)
- Access to proposed towers and temporary work areas**
- - - Existing access track
 - New access track
 - Access point
- Substations**
- Glenmuckloch substation site boundary
 - Glenglass substation and proposed extension (does not form part of this application)
- GGRP location and study areas**
- Breeding bird study area 500m infrastructure buffer
 - Black grouse study area 1.5km infrastructure buffer
 - Scarce bird study area 2km infrastructure buffer
- Designated areas**
- ▨ Muirkirk and North Lowther Uplands SPA

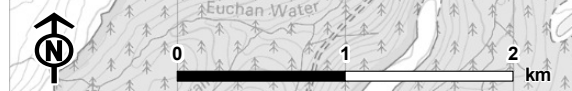
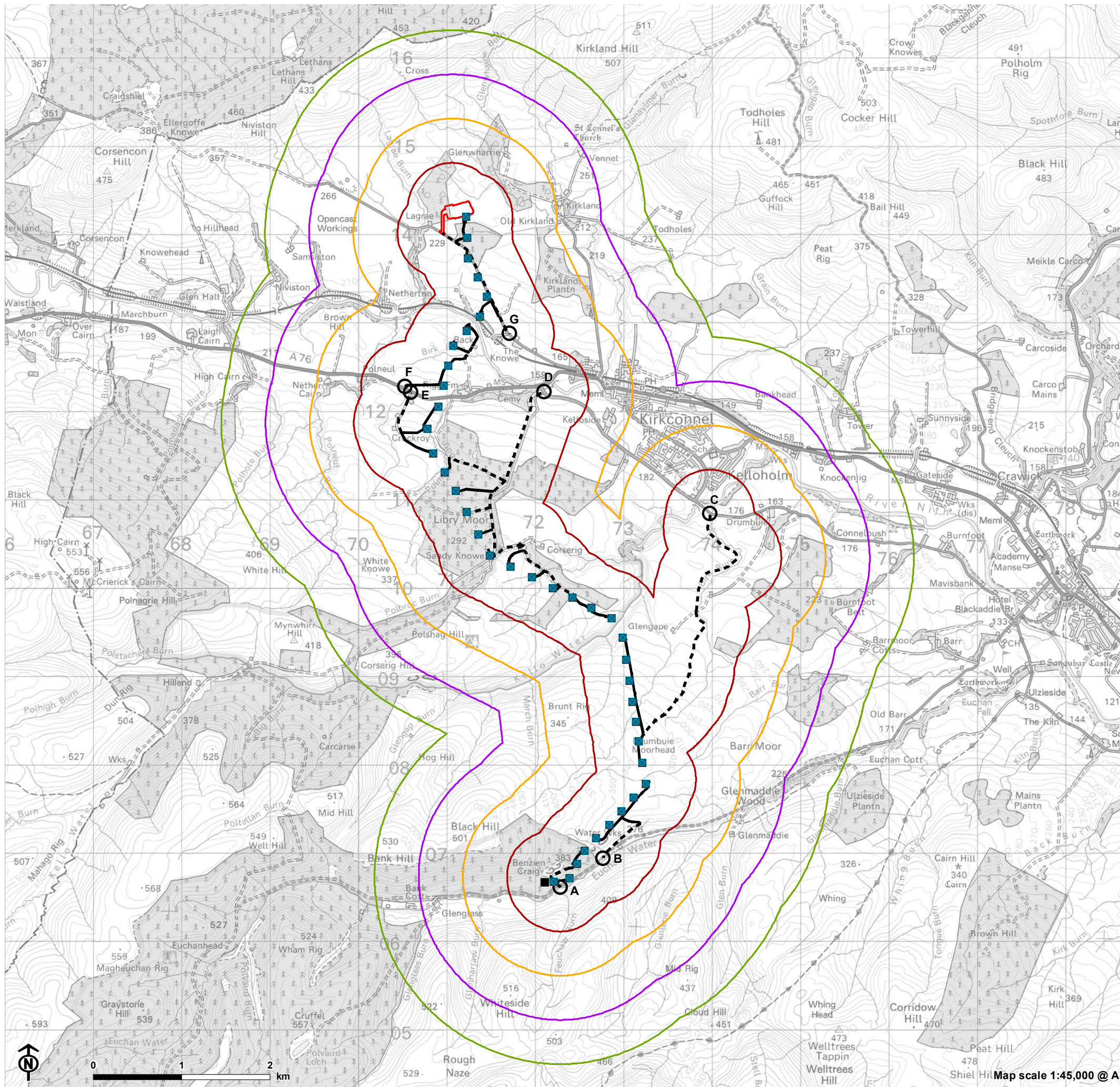


Figure 9.3: Study and Reporting Area



Overhead line infrastructure

- Tower (steel lattice tower)

Access to proposed towers and temporary work areas

- - - Existing access track
- New access track
- Access point

Substations

- ▭ Glenmuckloch substation site boundary
- Glenglass substation and proposed extension (does not form part of this application)

Study and reporting areas

- ▭ Breeding bird study area 500m infrastructure buffer
- ▭ Barn owl study area 1km infrastructure buffer
- ▭ Black grouse study area 1.5km infrastructure buffer
- ▭ Scarce bird study area 2km infrastructure buffer

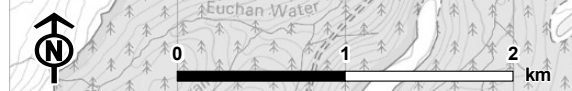
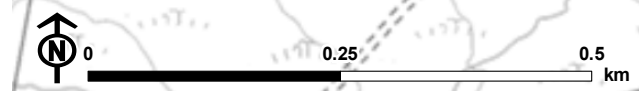
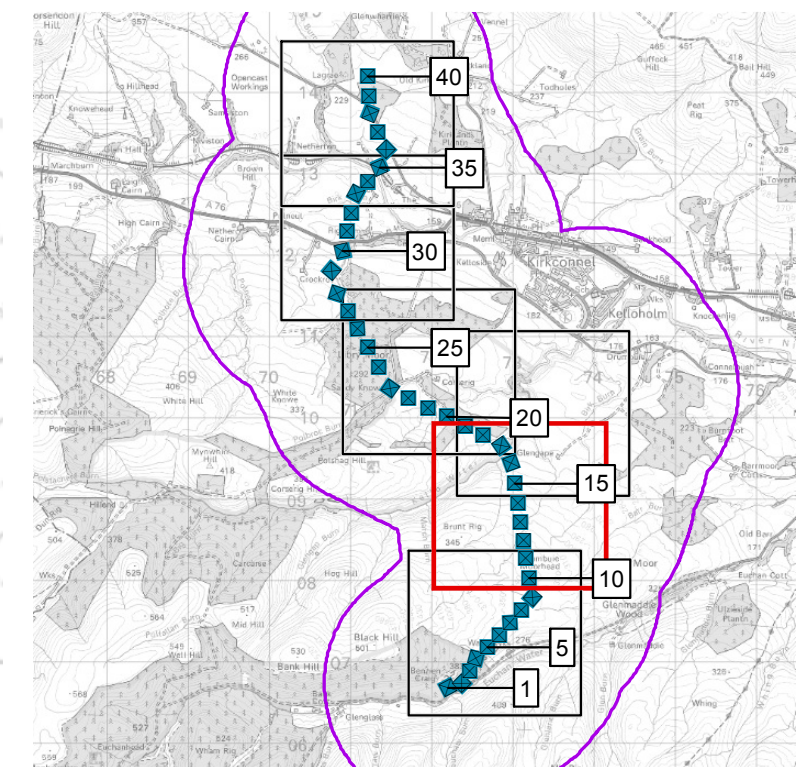
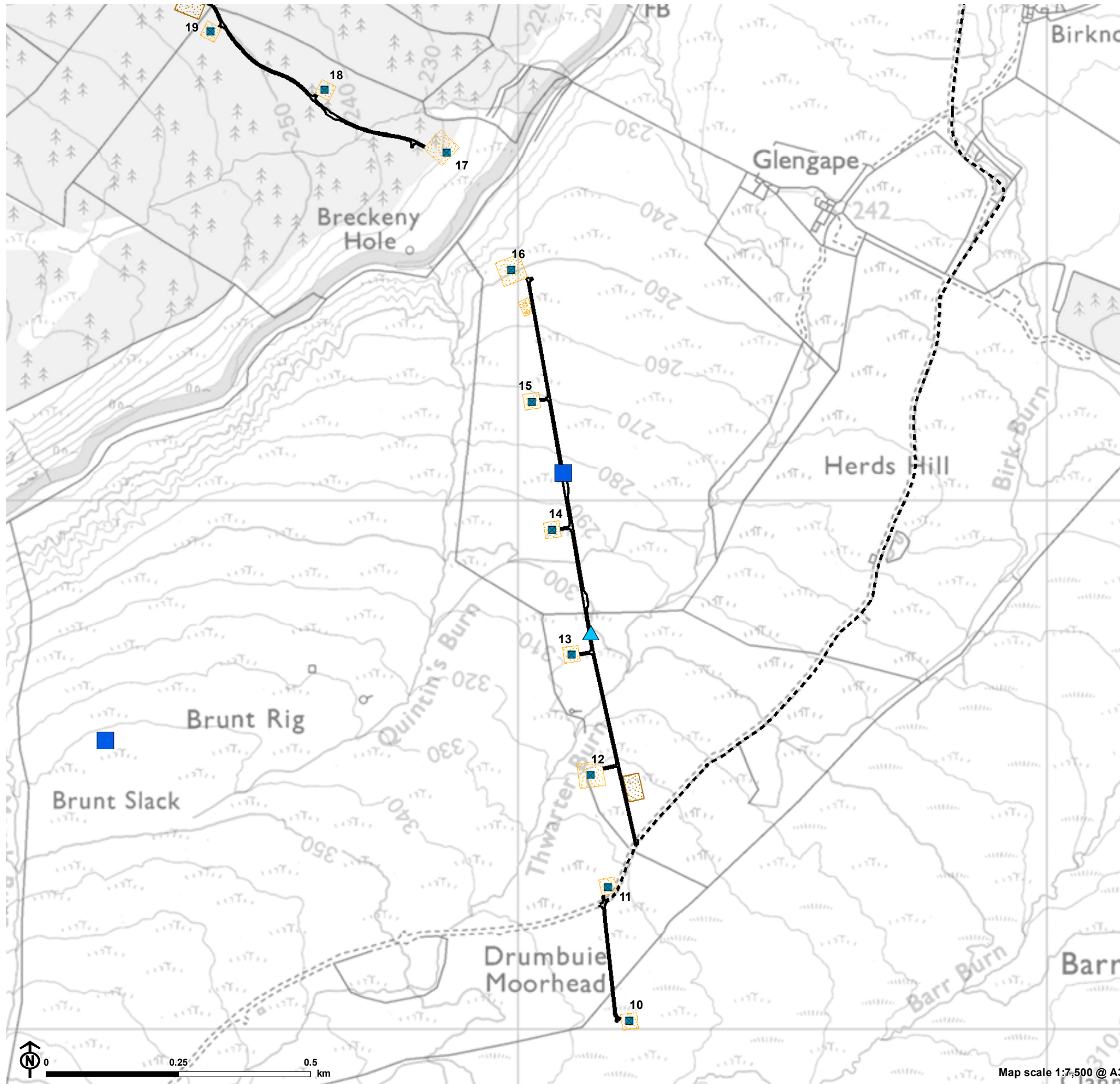
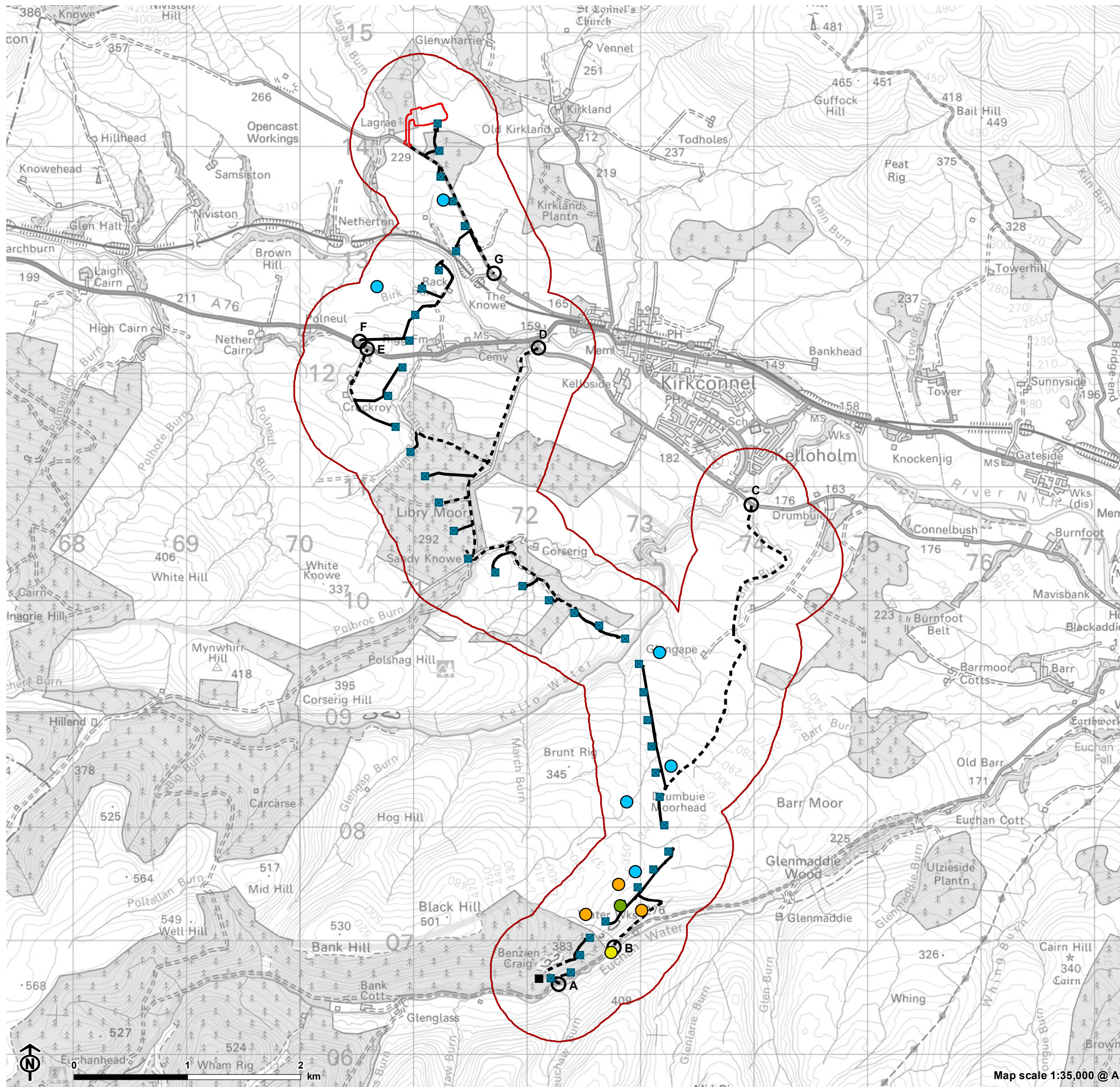


Figure 9.4: Black Grouse Survey Results



Map scale 1:7,500 @ A3

Figure 9.5: Breeding Wader Territories



Overhead line infrastructure

- Tower (steel lattice tower)

Access to proposed towers and temporary work areas

- - - Existing access track
- New access track
- Access point

Substations

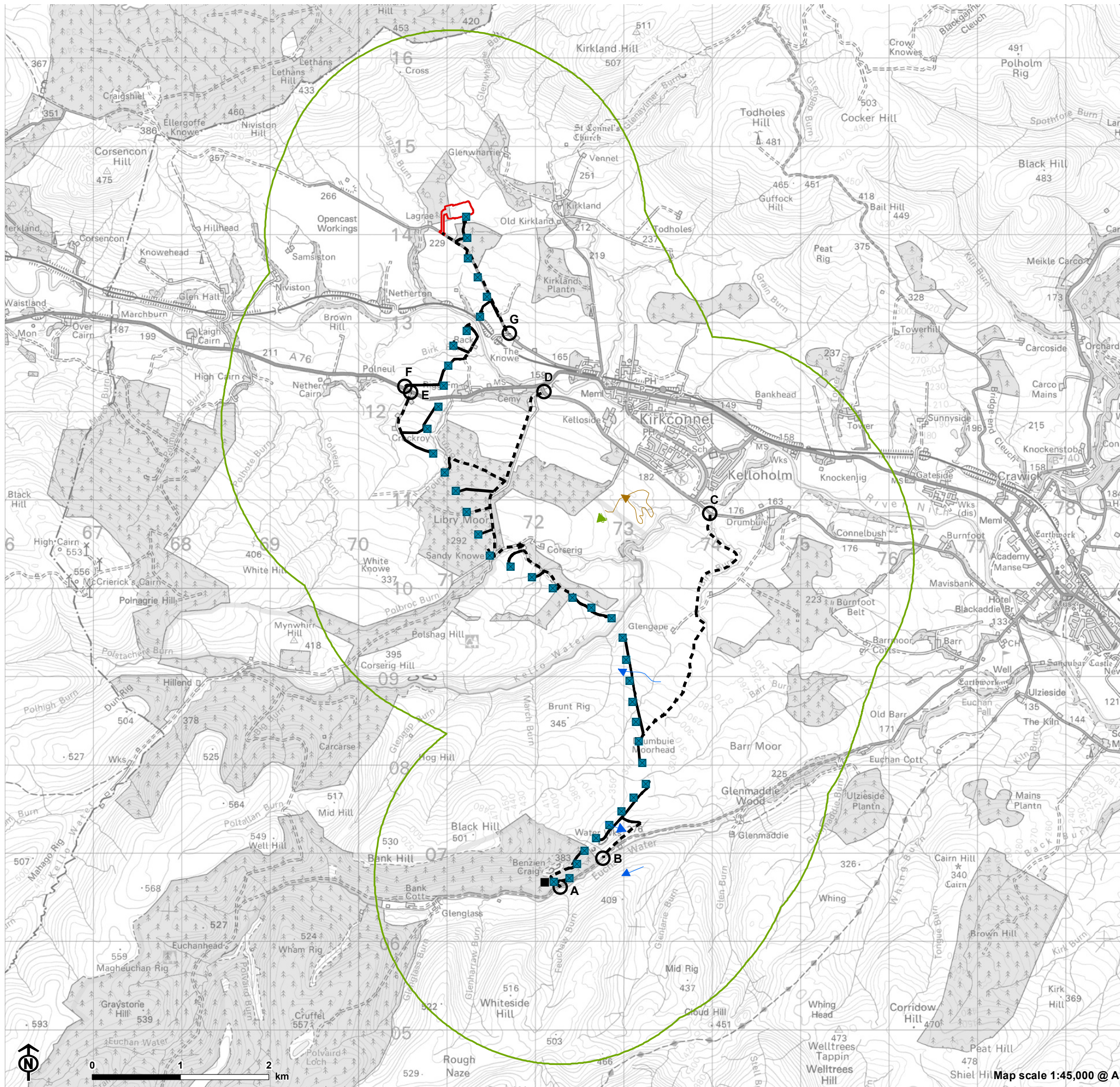
- Glenmuckloch substation site boundary
- Glenglass substation and proposed extension (does not form part of this application)

Breeding wader territories

- Breeding bird study area 500m infrastructure buffer
- Common sandpiper
- Curlew
- Lapwing
- Snipe

Map scale 1:35,000 @ A3

Figure 9.6: Other Raptor Observations



Overhead line infrastructure

- Tower (steel lattice tower)

Access to proposed towers and temporary work areas

- - - Existing access track
- New access track
- Access point

Substations

- ▭ Glenmuckloch substation site boundary
- Glenglass substation and proposed extension (does not form part of this application)

Other raptor observations

- ▭ Scarce bird study area 2km infrastructure buffer

Flight lines

- Hen harrier
- Barn owl
- Long-eared owl