

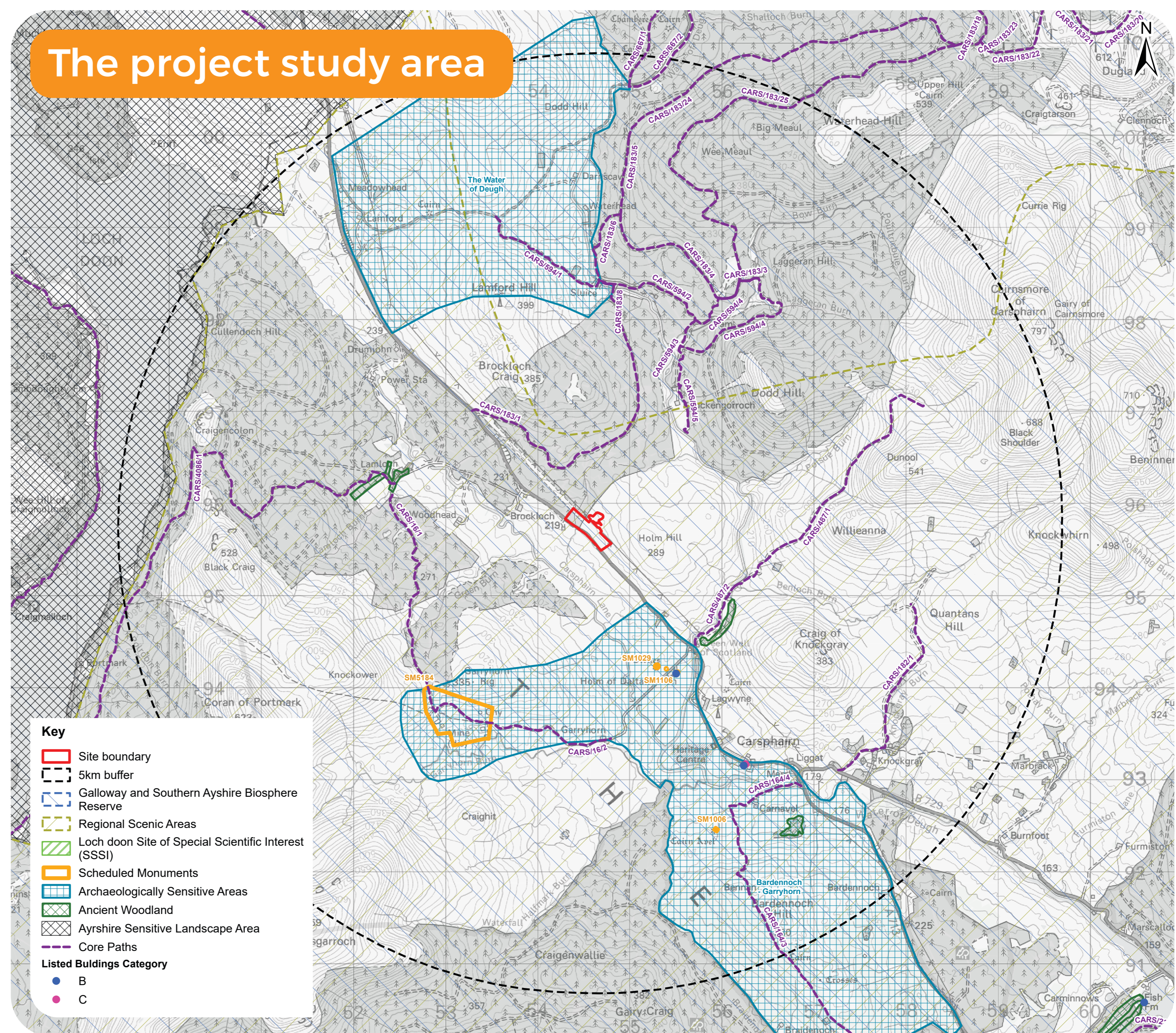
# Holm Hill Substation

## Proposed Project

## Key considerations

As part of our site selection process and initial layout of the proposed substation, we conducted investigations to understand any potential effects on:

- Visual amenity
- Landscape
- Cultural heritage
- Ecology
- Ornithology
- Hydrology and peat
- Recreation and tourism
- Land use and forestry



These surveys ensure that we continue to incorporate ways to minimise the impact on the environment and local community as we develop the substation design. They also enable us to identify and implement suitable mitigation measures to be put in place during construction.

## Landscape and visual

The proposed substation would be read in context with the existing overhead line and pylon.

During construction, there may be some localised impacts due to construction activity and vehicle movements, but this would be short-term and temporary.

## Biodiversity

Ecological surveys show there are no signs of protected species other than otter in the vicinity of the site. Species Protection Plans will help address any impacts during construction activities including pre-construction surveys, regular surveys throughout works and avoidance of vegetation clearance during bird nesting season.

## How it will be constructed

A temporary works compound would be located between the bellmouth and substation on the eastern side of the access road. **Construction tasks would involve:**

- Establishing the temporary works compound and temporary access track
- Ground works, including temporary drainage works, to achieve a level site area
- Identifying a laydown area for materials
- Delivering materials to site
- Constructing the substation and installing the underground cables
- Reinstating the area around the site location
- Landscape planting

The planning application will be accompanied by a Traffic Management Plan which the Principal Contractor will adopt and develop to minimise disruption to the local road network and other road users.

The construction of the substation is estimated to take between 12-18 months following the granting of consents for the proposed project.

## The substation in operation

Once in operation, the site will be unmanned and there will only be infrequent visits for maintenance purposes.

