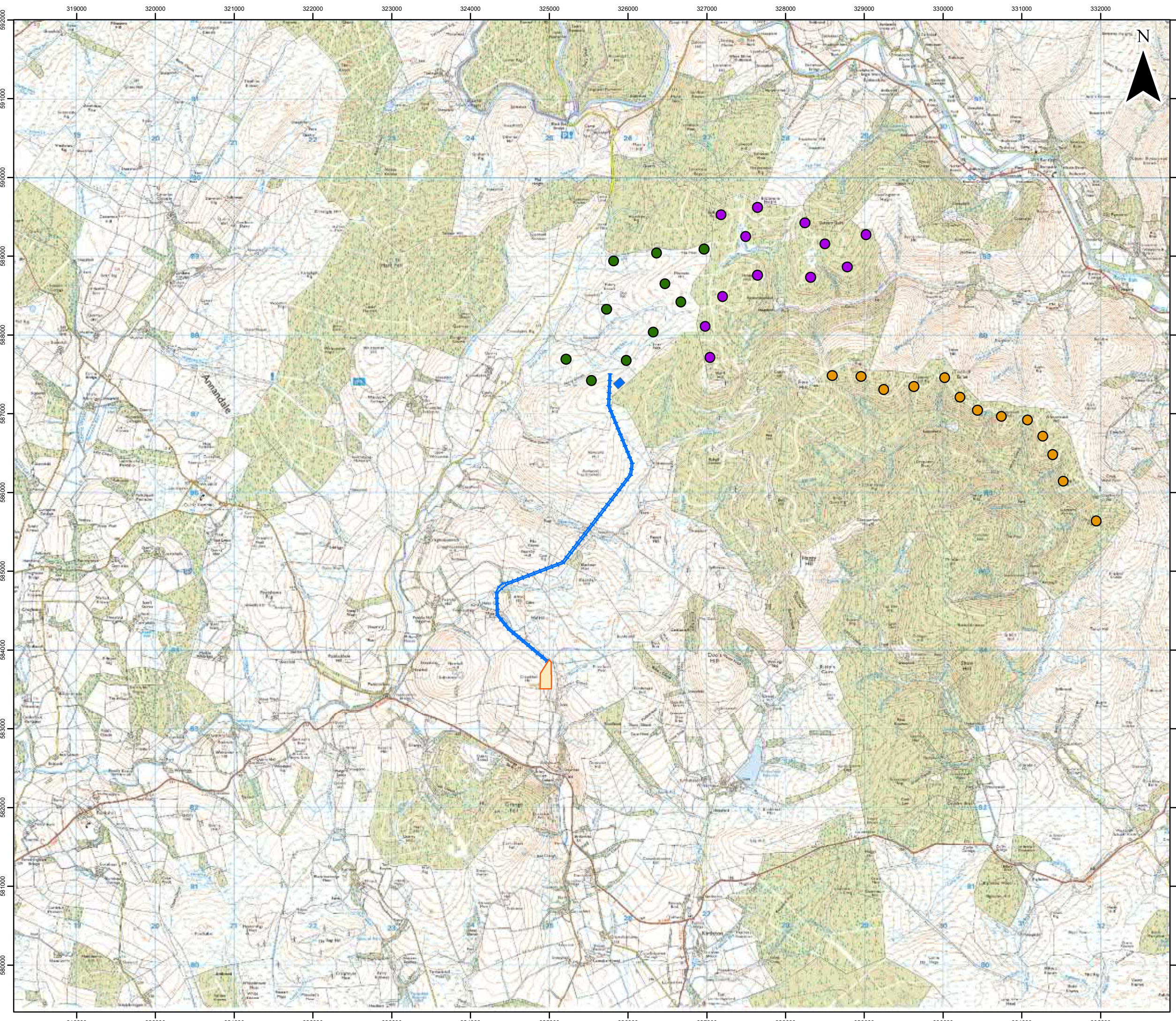




## APPENDIX E - FIGURES

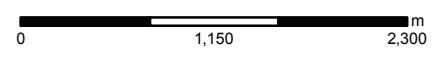




- Legend**
- Proposed Hopsrig Substation
  - Ewe Hill Substation
  - Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)

- Wind Turbine**
- Crossdykes
  - Hopsrig
  - Loganhead

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**Ewe Hill to Hopsrig**  
Figure 1: Site Location

<b>Drg No</b>	HOPSRIG_WSP_1_006
<b>Rev</b>	A
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Trident Single Pole Intermediate (Foreground), Angle (Middle Ground)



Trident 'H' Pole Angle



Trident 'H' Pole Terminal

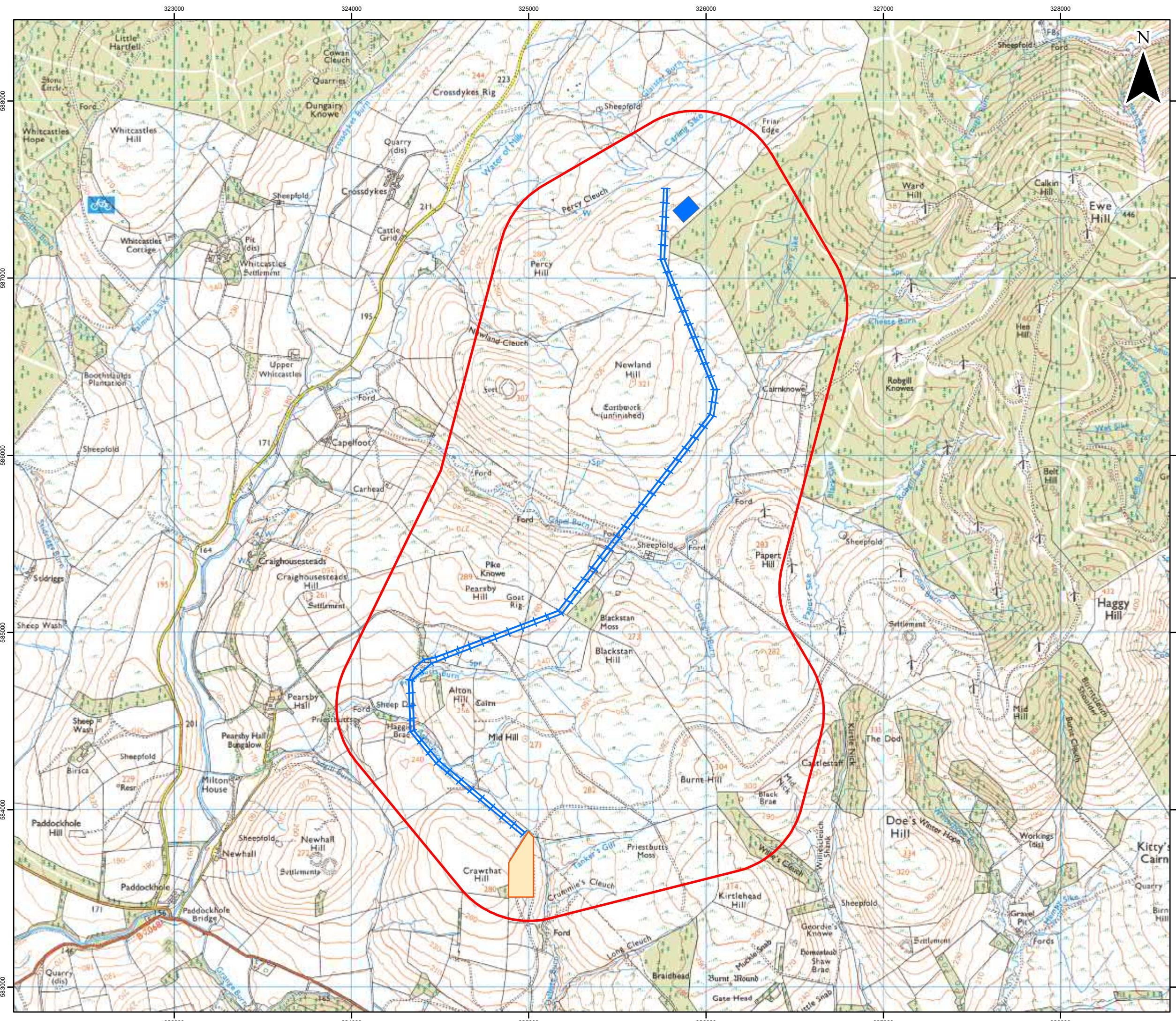
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**Ewe Hill to Hopsrig**  
**Figure 2: Trident Wood Pole Types**

<b>Drg No</b>	HOPSRIG_WSP_1_007
<b>Rev</b>	A
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**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)

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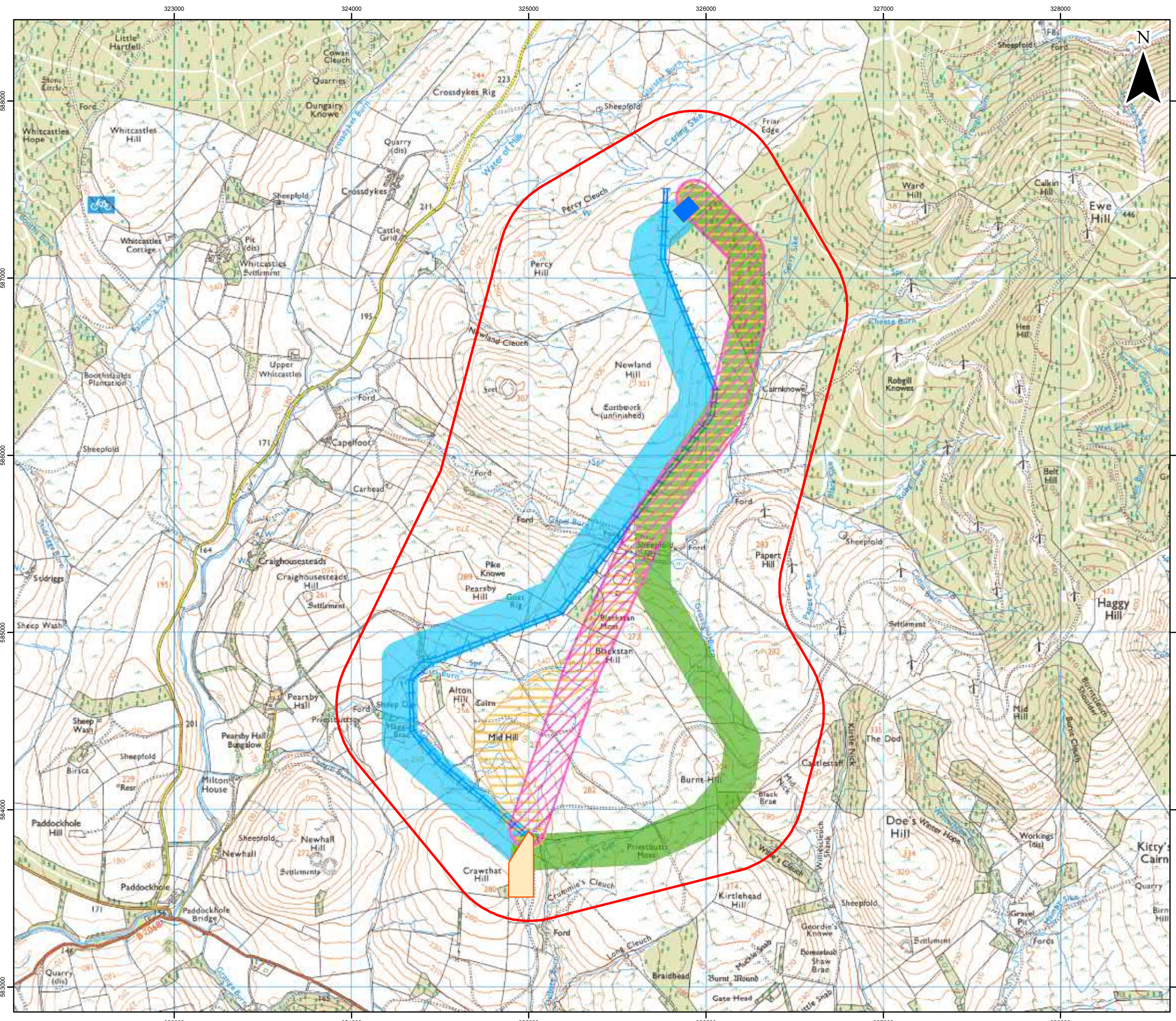
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## Ewe Hill to Hopsrig Study Area for Potential Route Options

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<b>Rev</b>	A
<b>Date</b>	08/06/2020
<b>Scale</b>	1:20,000 @ A3





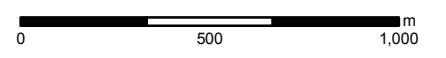
**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)

**Route Option**

- A
- B
- B1
- B2

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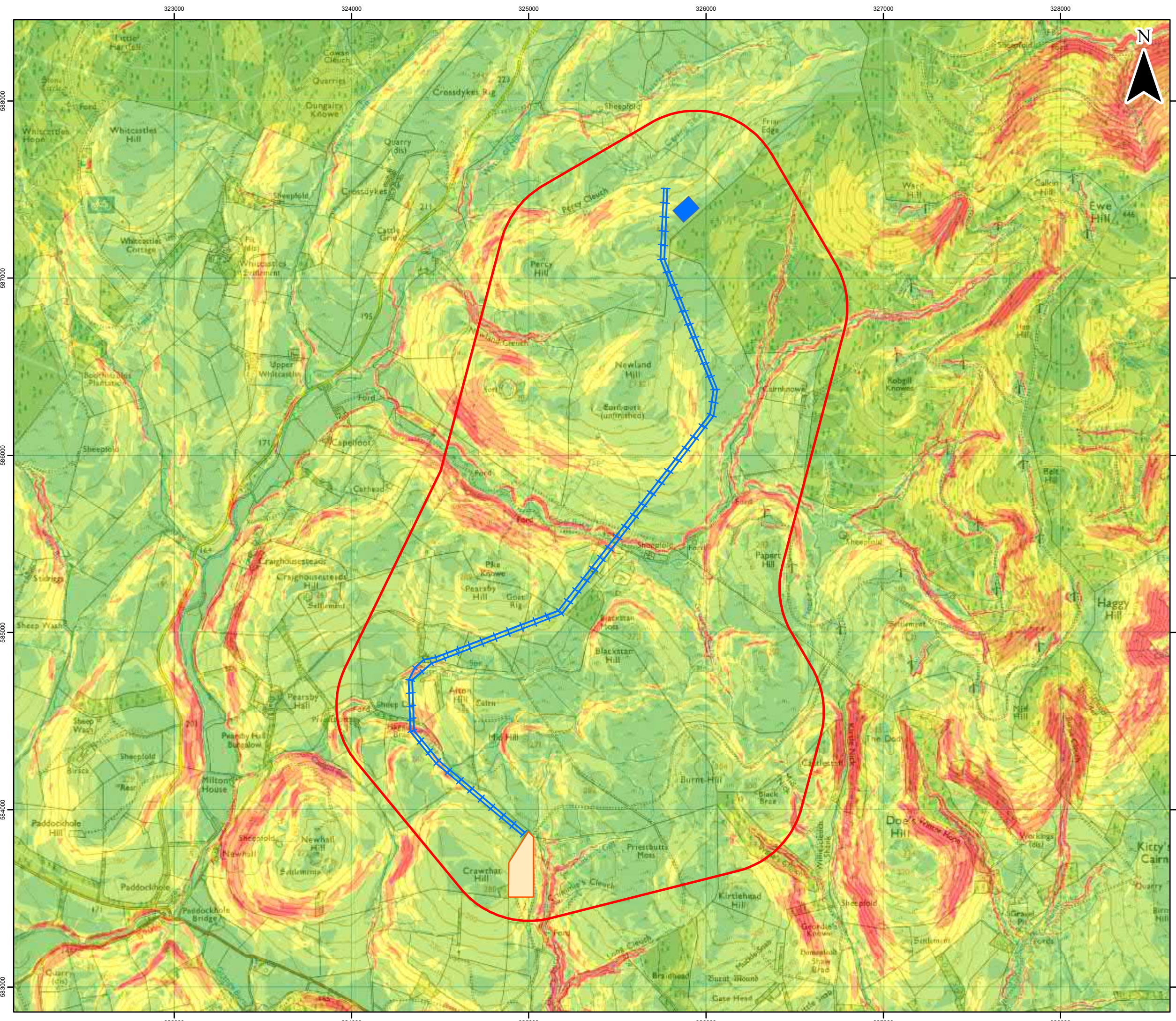
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**Ewe Hill to Hopsrig  
Figure 4: Route Options**

<b>Drg No</b>	HOPSRIG_WSP_1_009
<b>Rev</b>	A
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<b>Scale</b>	1:20,000 @ A3

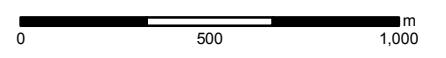




- Legend**
- Study Area
  - Proposed Hopsrig Substation
  - Ewe Hill Substation
  - Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)

- Gradient (Degrees)**
- 0 - 5
  - 6 - 10
  - 11 - 15
  - 16 - 20
  - 20+

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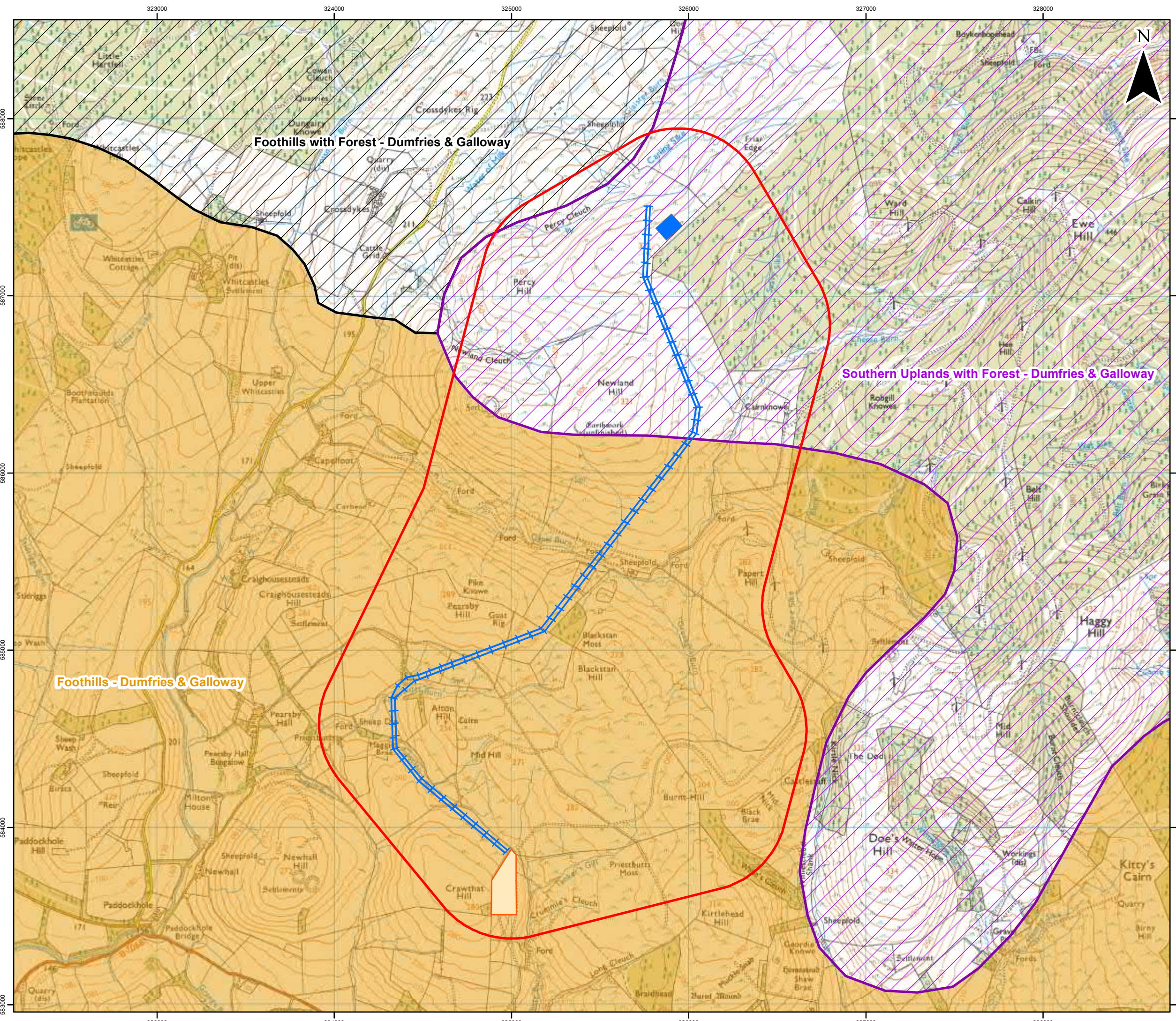
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**Ewe Hill to Hopsrig  
Figure 5: Terrain**

<b>Drg No</b>	HOPSRIG_WSP_1_0010
<b>Rev</b>	A
<b>Date</b>	08/06/2020
<b>Scale</b>	1:20,000 @ A3



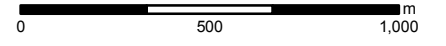


**Legend**

- Study Area
  - Proposed Hopsrig Substation
  - Ewe Hill Substation
  - Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)
- Landscape Character Assessment**
- Foothills with Forest - Dumfries & Galloway
  - Southern Uplands with Forest - Dumfries & Galloway
  - Foothills - Dumfries & Galloway

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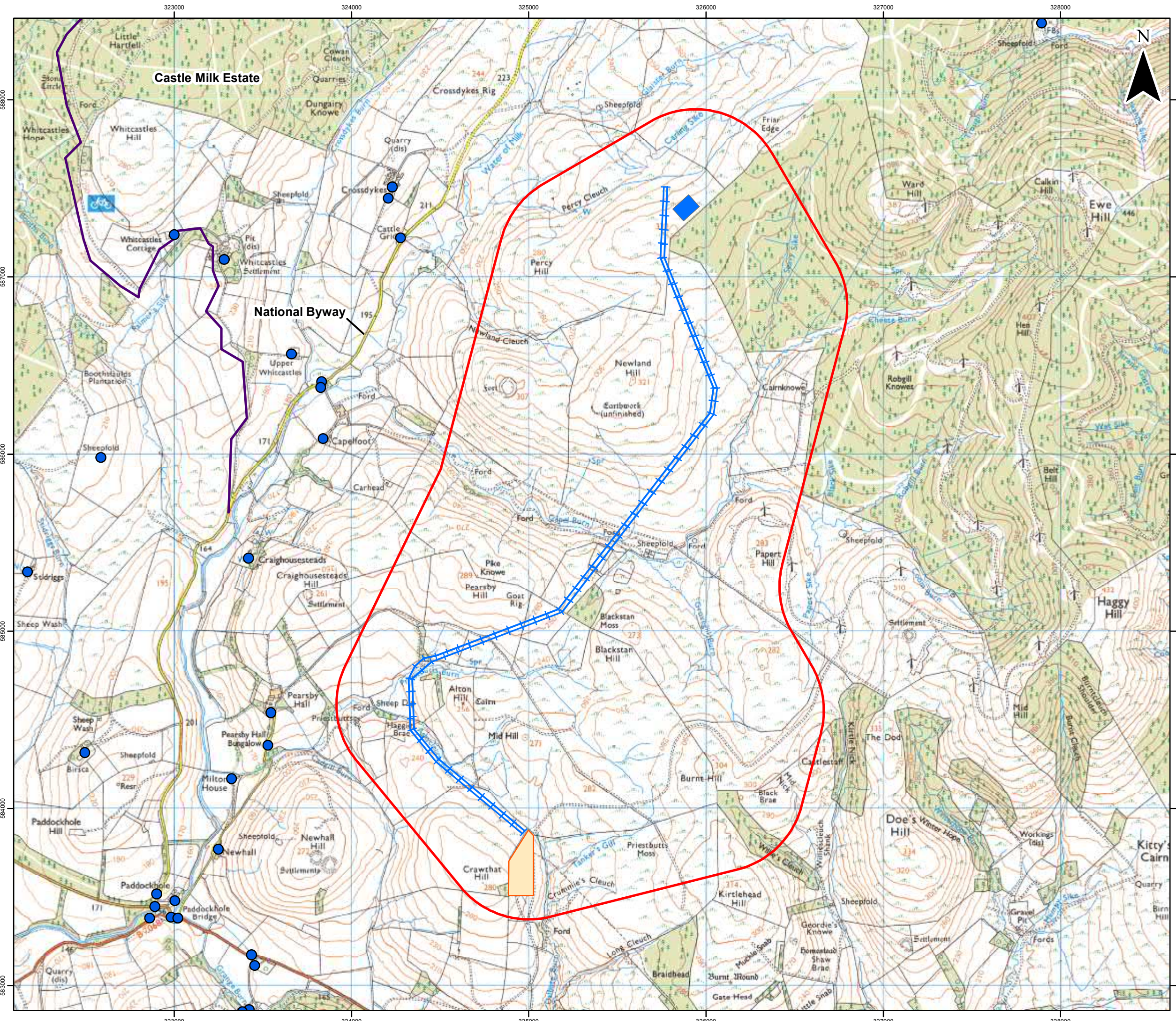
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A	08/06/2020	LH	First Issue



**Ewe Hill to Hopsrig**  
Figure 6: Landscape  
Character Types

<b>Drg No</b>	HOPSRIG_WSP_1_011
<b>Rev</b>	A
<b>Date</b>	08/06/2020
<b>Scale</b>	1:20,000 @ A3





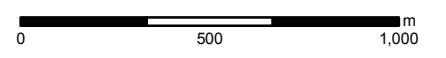
**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)
- Core Paths
- Visual Receptors

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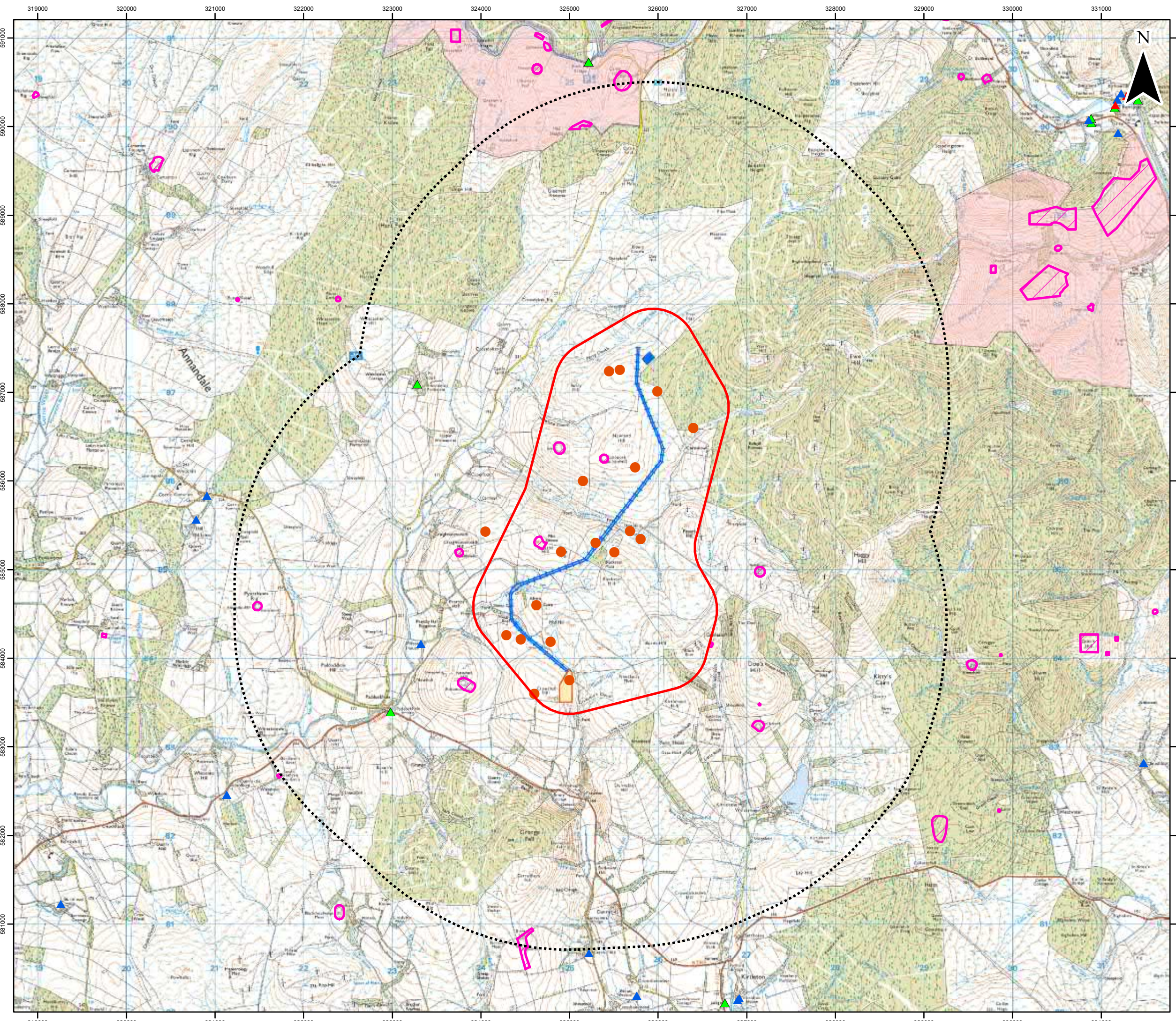
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**Ewe Hill to Hopsrig  
Figure 7: Visual Receptors**

<b>Drg No</b>	HOPSRIG_WSP_1_012
<b>Rev</b>	A
<b>Date</b>	08/06/2020
<b>Scale</b>	1:20,000 @ A3





**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)
- 3km Buffer of Route Options
- Archaeological Sensitive Area
- Scheduled Monument
- Historic Environment Record

**Listed Building**

**Category**

- ▲ A
- ▲ B
- ▲ C

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0 1,000 2,000 m

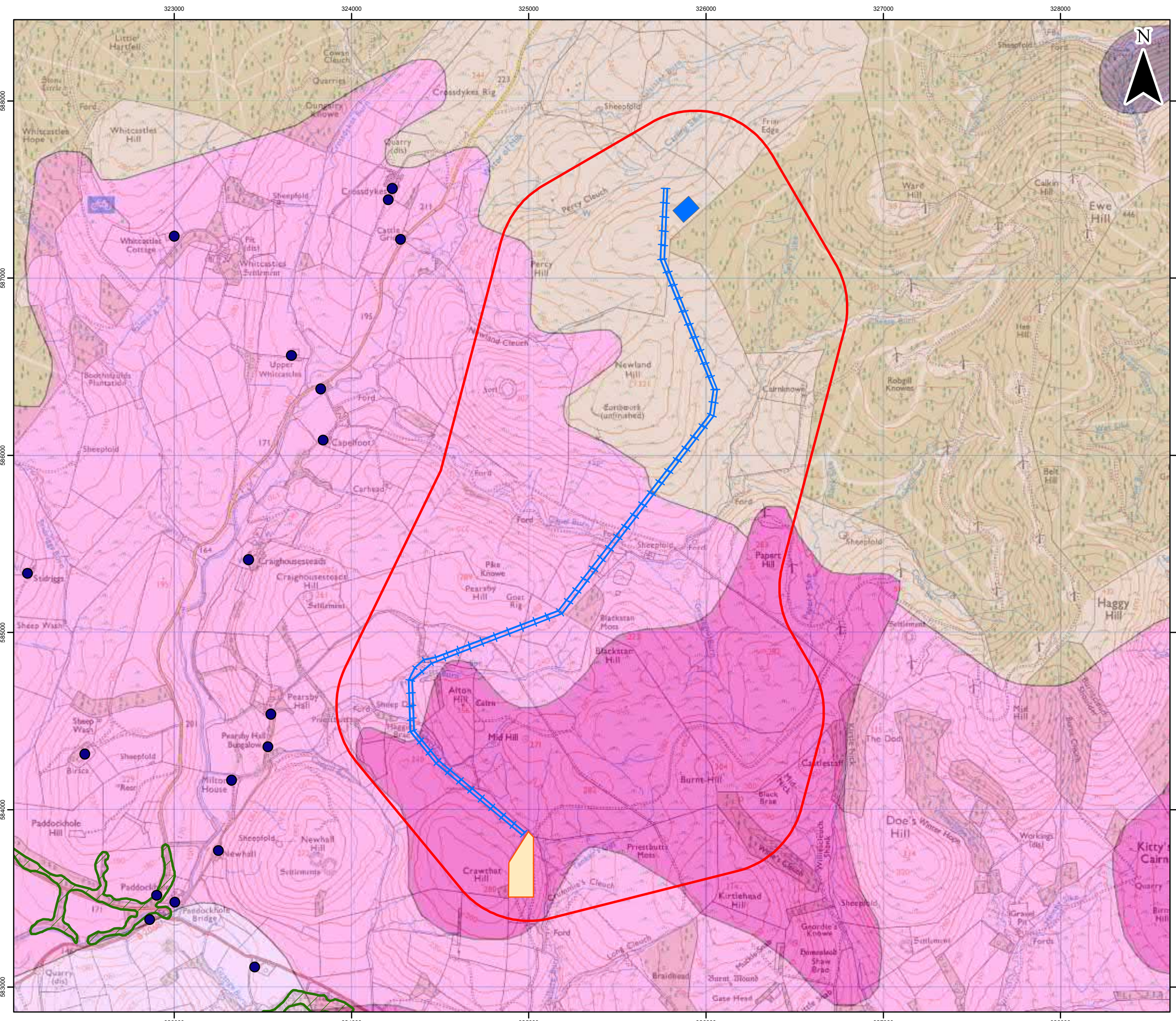
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## Ewe Hill to Hopsrig Figure 8: Cultural Heritage Assets

<b>Drg No</b>	HOPSRIG_WSP_1_013
<b>Rev</b>	A
<b>Date</b>	08/06/2020
<b>Scale</b>	1:40,000 @ A3





**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)
- Residential Dwellings
- Ancient Woodland

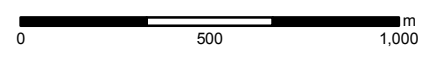
**Land Capability for Agriculture**

- Land is capable of use as improved grassland; establishments of the sward and it's maintenance present few difficulties
- Land is capable of use as improved grassland; Sward establishment presents no difficulties but physical limitations can cause maintenance problems
- Land is capable of use as improved grassland amd although the Sward can be established, deterioration can be rapid due to a range of factors
- Land is capable of any rough grazing due to intractable physical limitations; the semi-natural vegetation provides grazing of high value
- Land is capable of any rough grazing due to intractable physical limitations; the semi-natural vegetation provides grazing of low value

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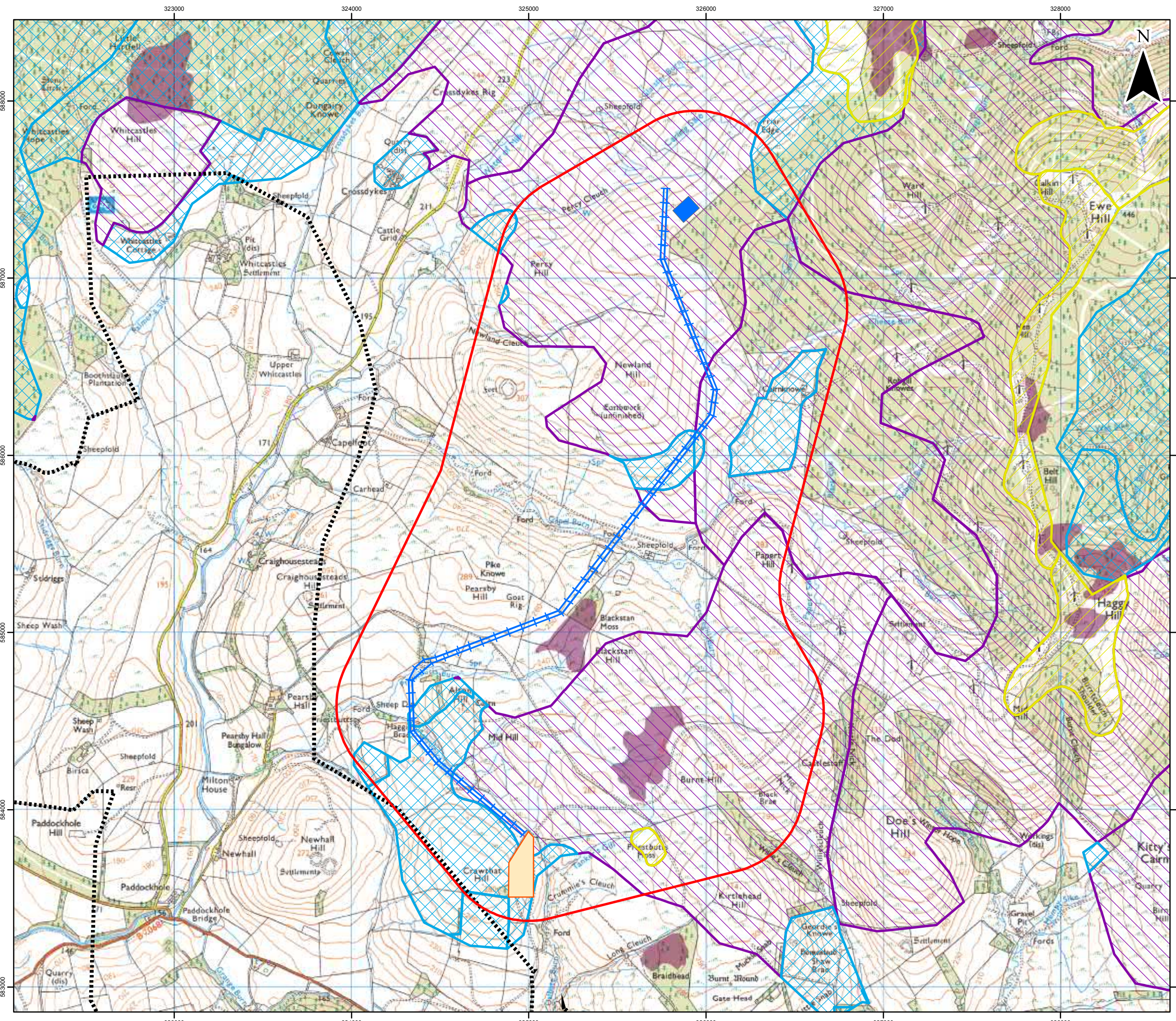
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**Ewe Hill to Hopsrig  
Figure 9: Land Use  
Considerations**

<b>Drg No</b>	HOPSRIG_WSP_1_014
<b>Rev</b>	A
<b>Date</b>	08/06/2020
<b>Scale</b>	1:20,000 @ A3





**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)
- Private Water Supply Zone

**SNH Carbon and Peatland Map**

**Class Description**

- 1
- 3
- 5

**National Soil Map of Scotland**

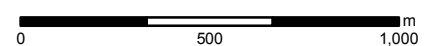
**Generalised Soil Type**

- Peat

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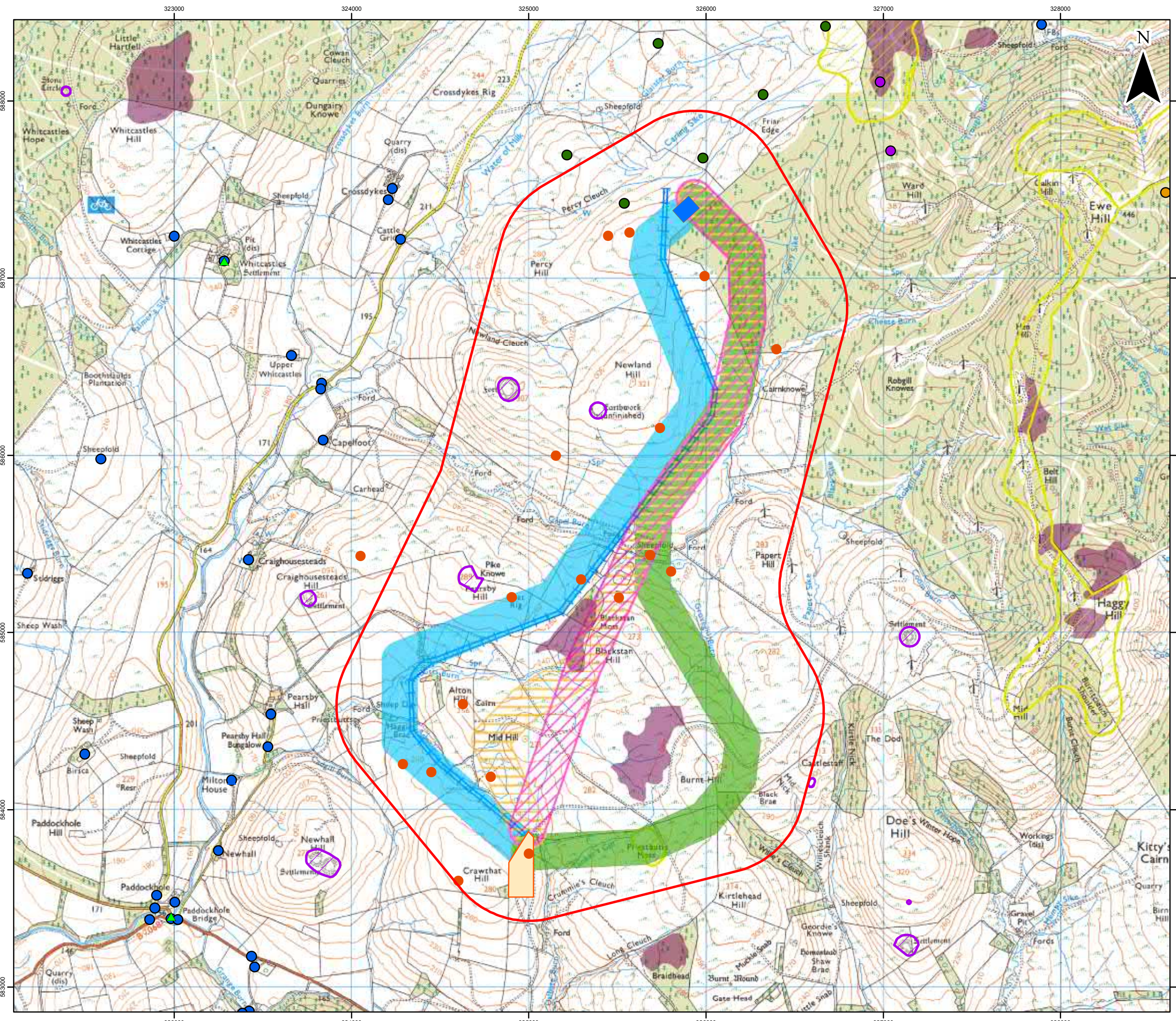


## Ewe Hill to Hopsrig

### Figure 10: Hydrological and Hydrogeological Features

<b>Drg No</b>	HOPSRIG_WSP_1_015
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<b>Scale</b>	1:20,000 @ A3





**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdyke to Ewe Hill 33kV Overhead Line (Under Construction)

**Route Option**

- A
- B
- B1
- B2

**Historic Environment Record**

- Historic Environment Record
- Visual Receptors
- Scheduled Monument

**Listed Building**

**Category**

- ▲ B
- ▲ C

**Wind Turbine**

- Crossdyke
- Hopsrig
- Loganhead

**SNH Carbon and Peatland Map**

**Class Description**

- 1

**National Soil Map of Scotland**

**Generalised Soil Type**

- Peat

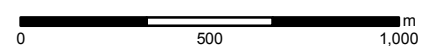
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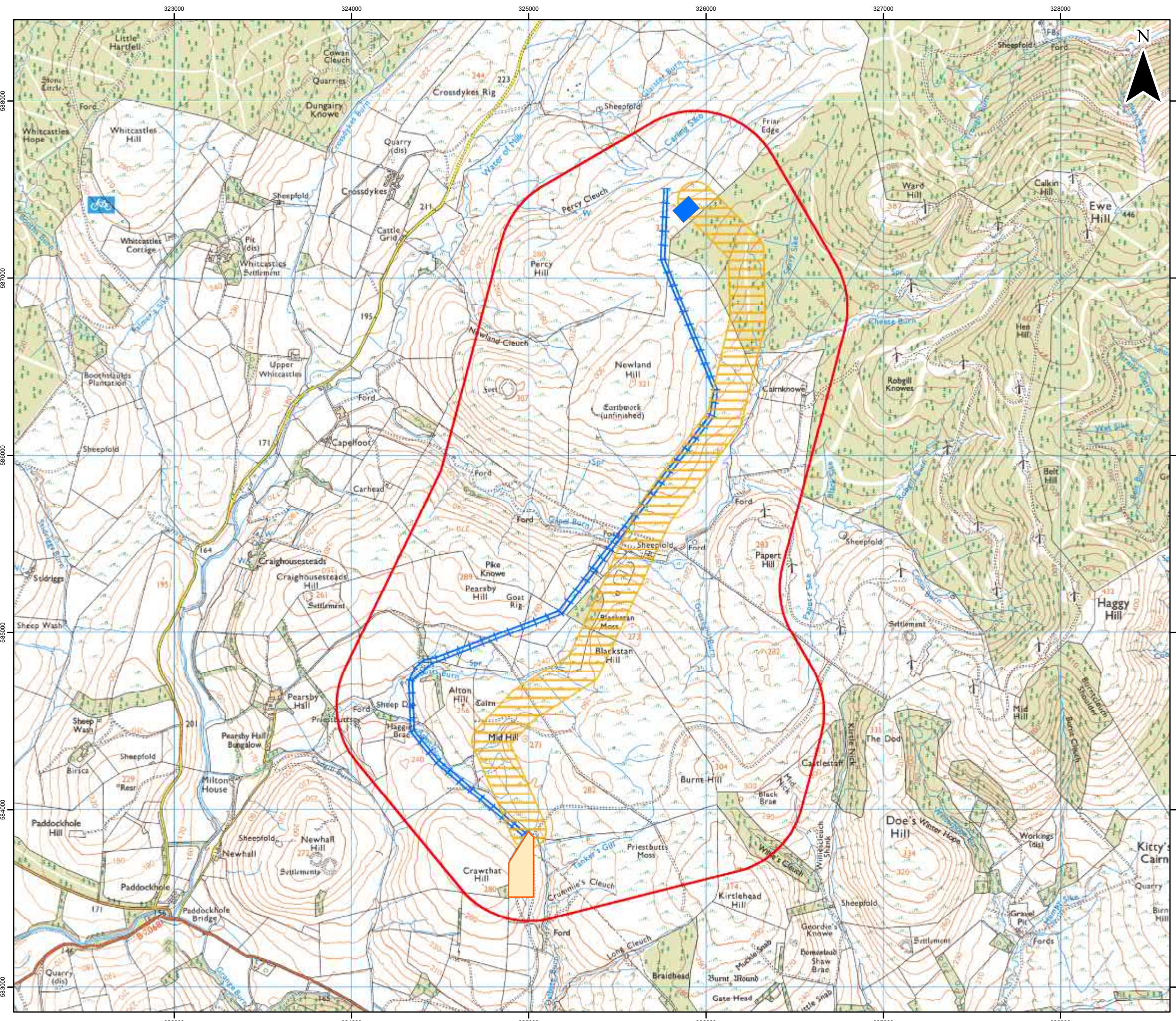
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**Ewe Hill to Hopsrig**  
Figure 11: Route Options and Key Environmental Constraints

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<b>Date</b>	08/06/2020
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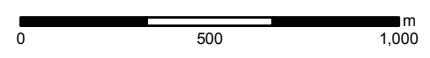
**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)

**Route Option**

- B1

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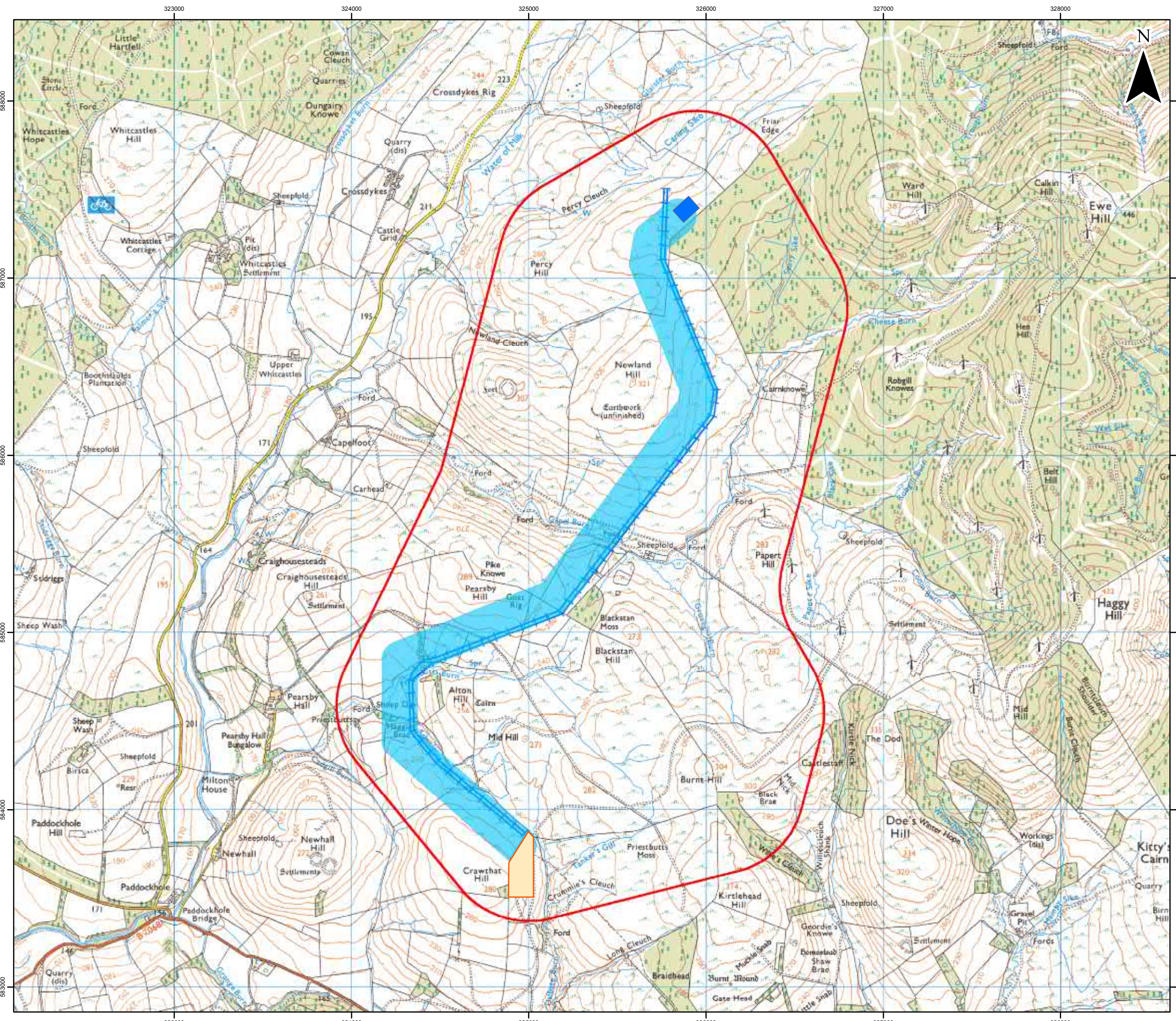
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**Ewe Hill to Hopsrig**  
Figure 12: Environmental Preferred Route

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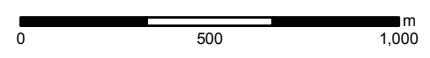
**Legend**

- Study Area
- Proposed Hopsrig Substation
- Ewe Hill Substation
- Crossdykes to Ewe Hill 33kV Overhead Line (Under Construction)

**Route Option**

- A

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## Ewe Hill to Hopsrig Figure 13: Preferred Route

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<b>Date</b>	08/06/2020
<b>Scale</b>	1:20,000 @ A3