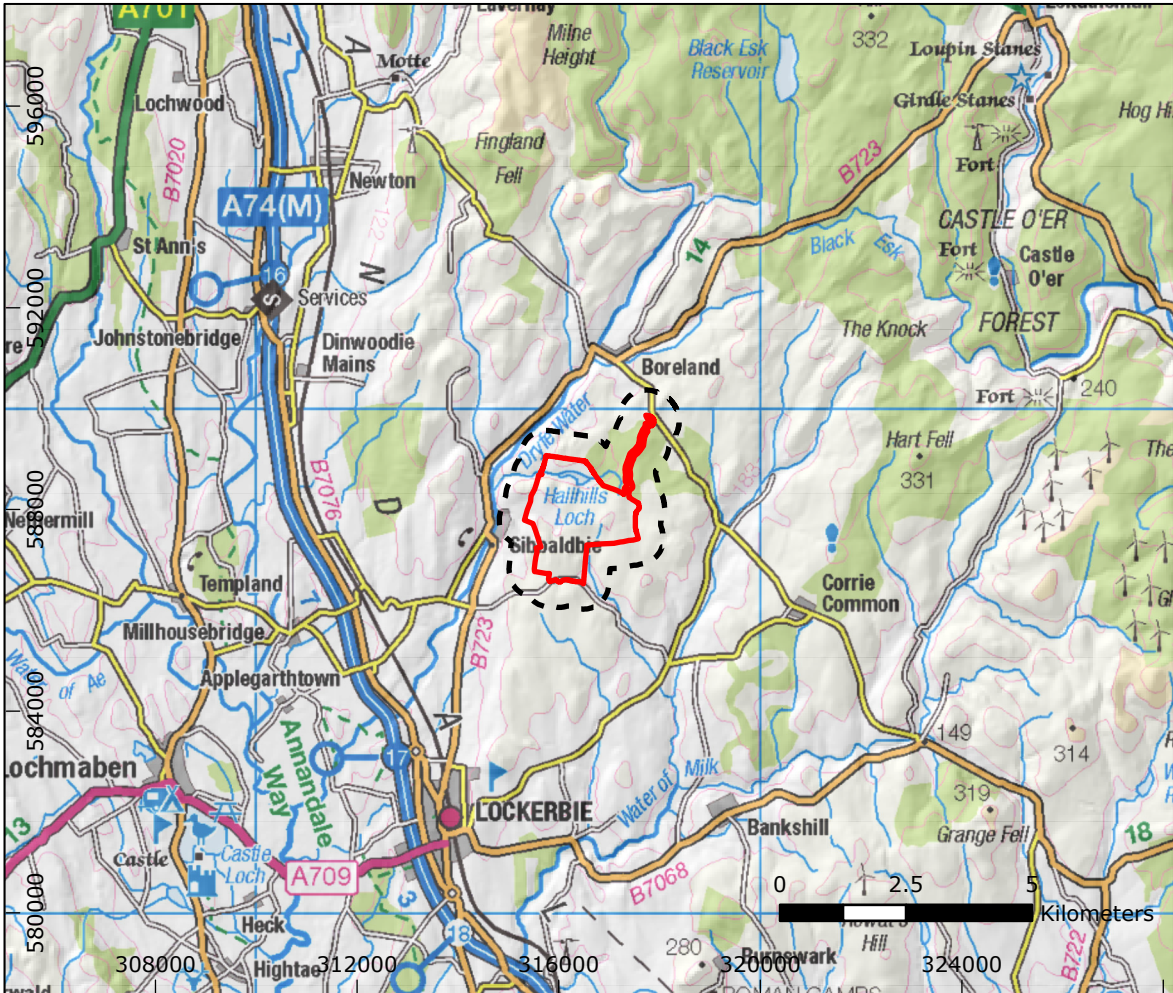
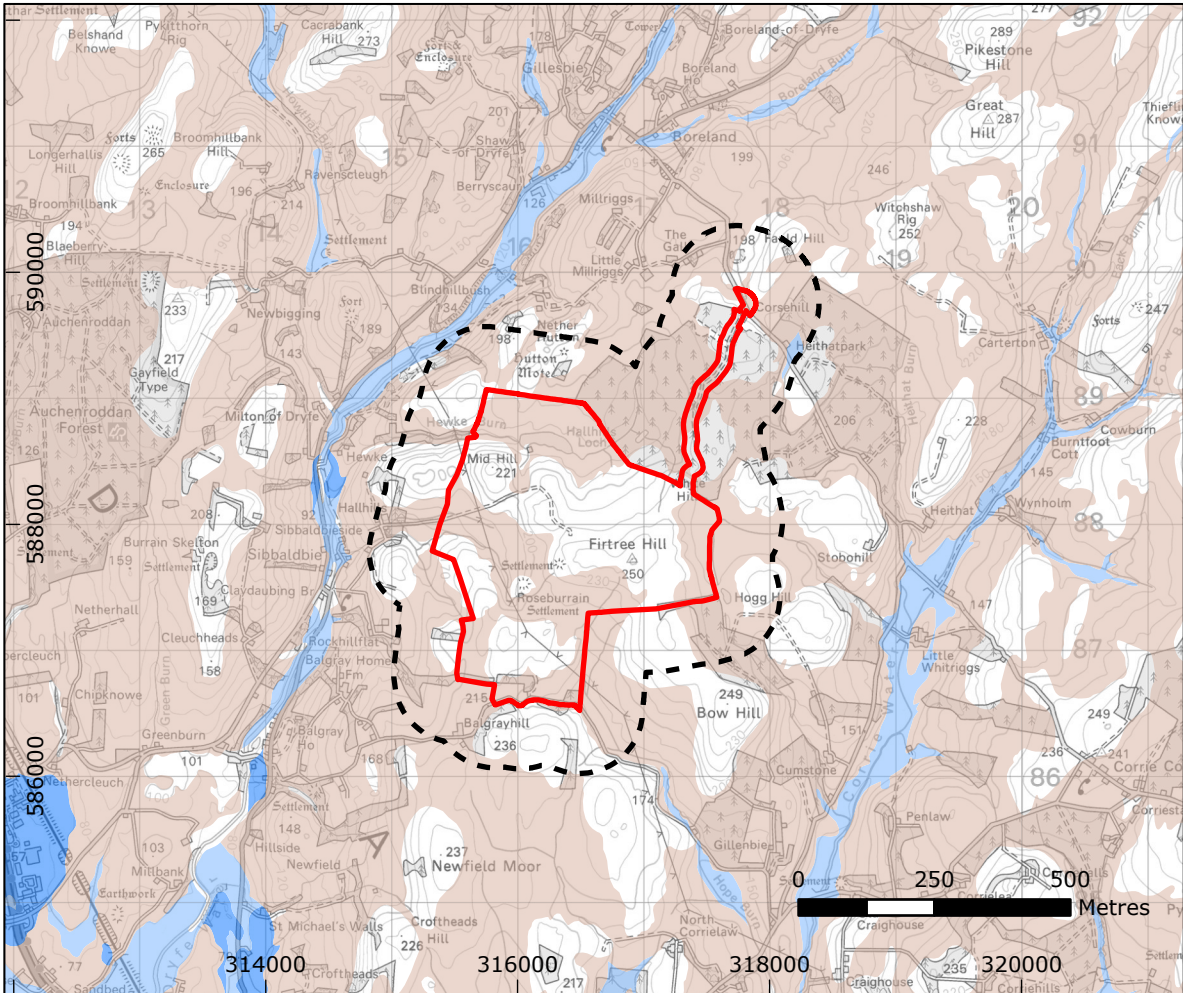




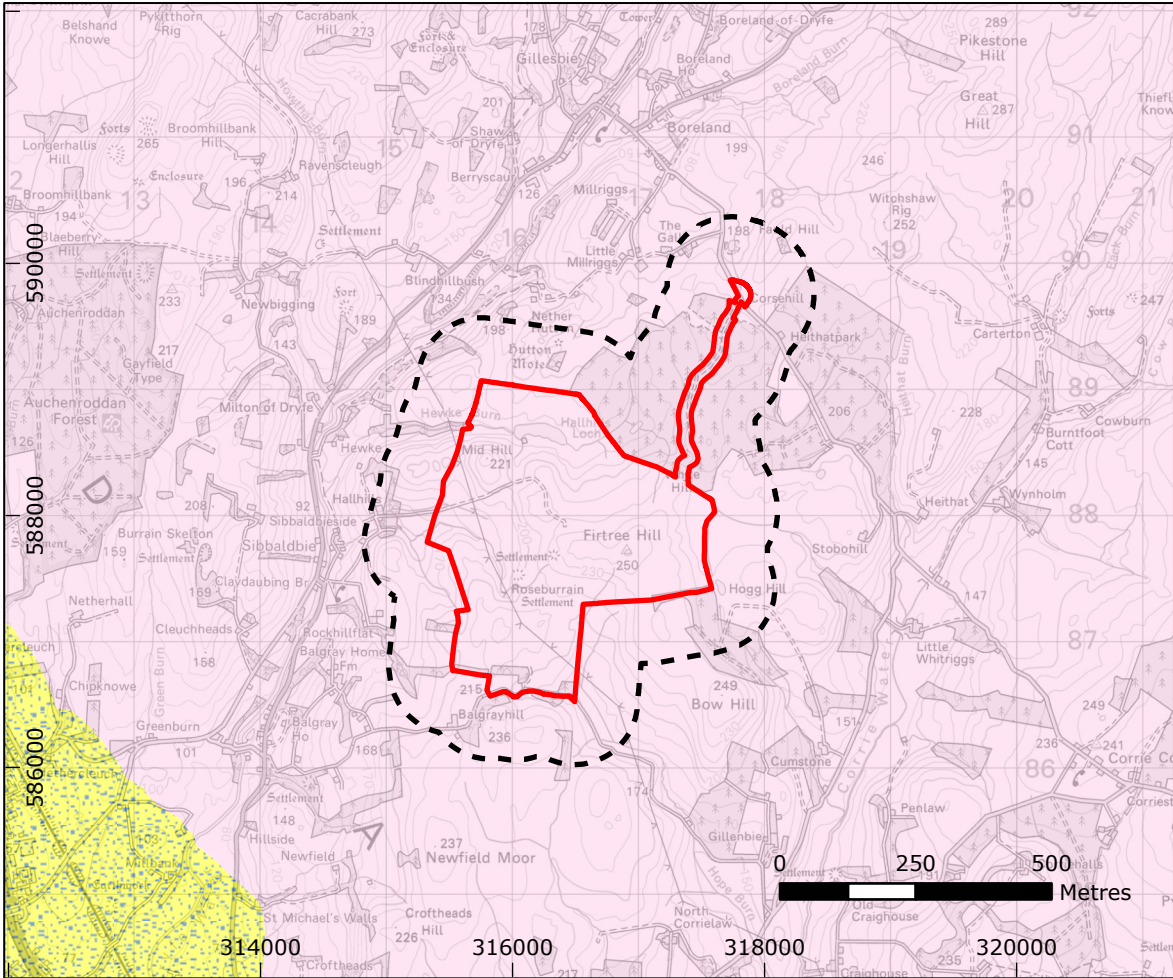
MAP EXTRACT

Scale - 1:150,000 @ A3



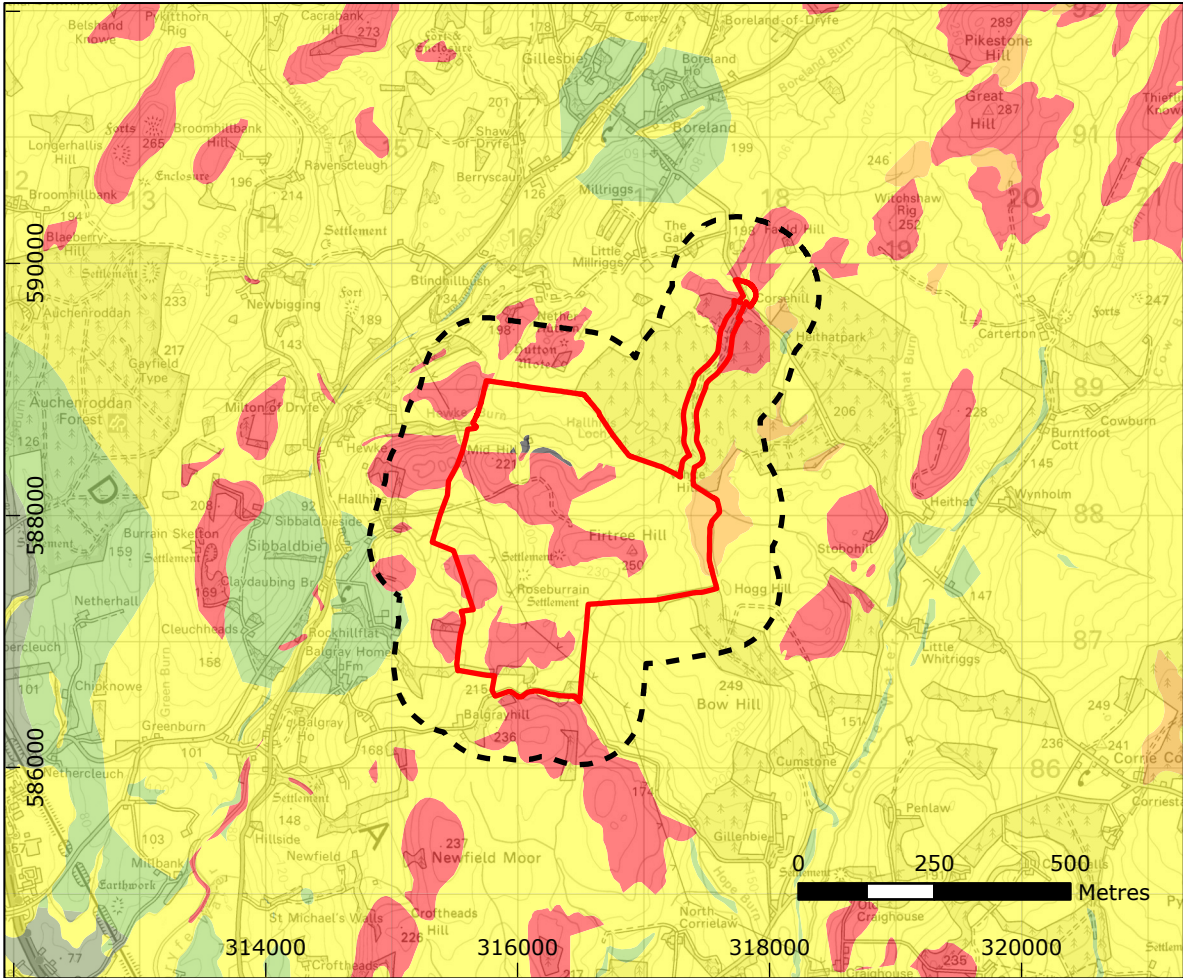
SUPERFICIAL AQUIFERS

Scale - 1:60,000 @ A3



BEDROCK AQUIFERS

Scale - 1:60,000 @ A3



GROUNDWATER VULNERABILITY IN THE UPPERMOST AQUIFER

Scale - 1:60,000 @ A3



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Legend

- Proposed Site Boundary
- Study Area (Proposed Site Boundary 500 m Buffer)

Bedrock Aquifer Productivity Scotland, Version 2

- Significantly Intergranular; Very High Productivity
- Fracture; Low Productivity

Superficial Deposits Aquifer Productivity Scotland, Version 2

- Intergranular; High Productivity
- Intergranular; Moderate to High Productivity
- Not a significant aquifer

Groundwater Vulnerability in the Uppermost Aquifer Vulnerability Class

- 0 - Not sufficient data to classify vulnerability: e.g. below lochs; in urban areas where geological and/or soils data are missing; or where superficial deposits are mapped but not classified.
- 2 - Vulnerable to some pollutants, but only when they are continuously discharged/leached.
- 3 - Vulnerable to some pollutants; many others significantly attenuated.
- 4a - Vulnerable to those pollutants not readily adsorbed or transformed. Less likely to have clay present in superficial deposits (therefore generally higher vulnerability than 4b).
- 4b - Vulnerable to those pollutants not readily adsorbed or transformed. More likely to have clay present in superficial deposits (therefore generally lower vulnerability than 4a).
- 5 - Vulnerable to most pollutants, with rapid impact in many scenarios.

A3 Horizontal Scale SCALE AS SHOWN

CRS: British National Grid (ESPG:4326)

Produced: MM
Reviewed: JRS
Approved: KR

Date: 11/04/2025 Revision: 0

405.065655.00001.0008.1 Groundwater Vulnerability

BALGRAY WIND FARM EIAR

FIGURE 9.7 - GROUNDWATER VULNERABILITY AND AQUIFER CLASSIFICATION

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