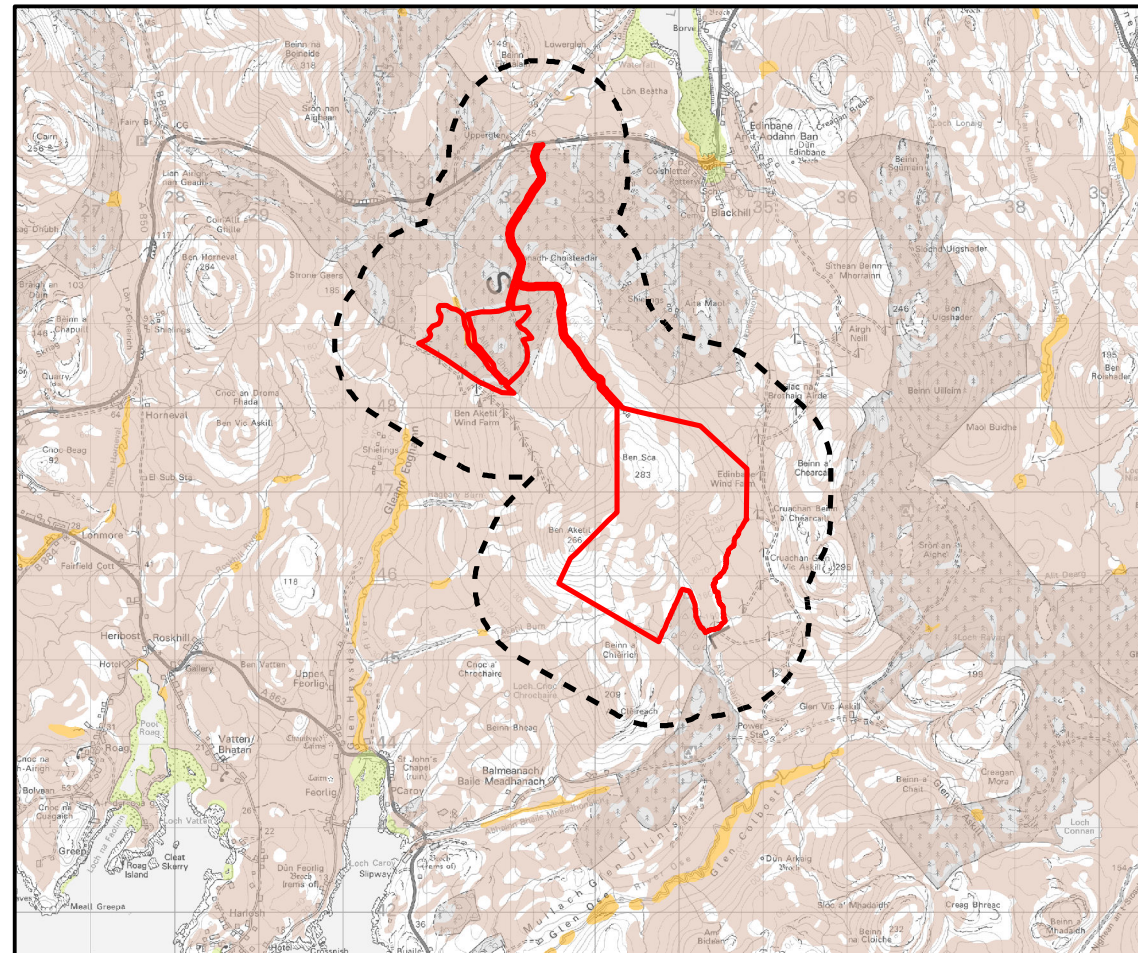


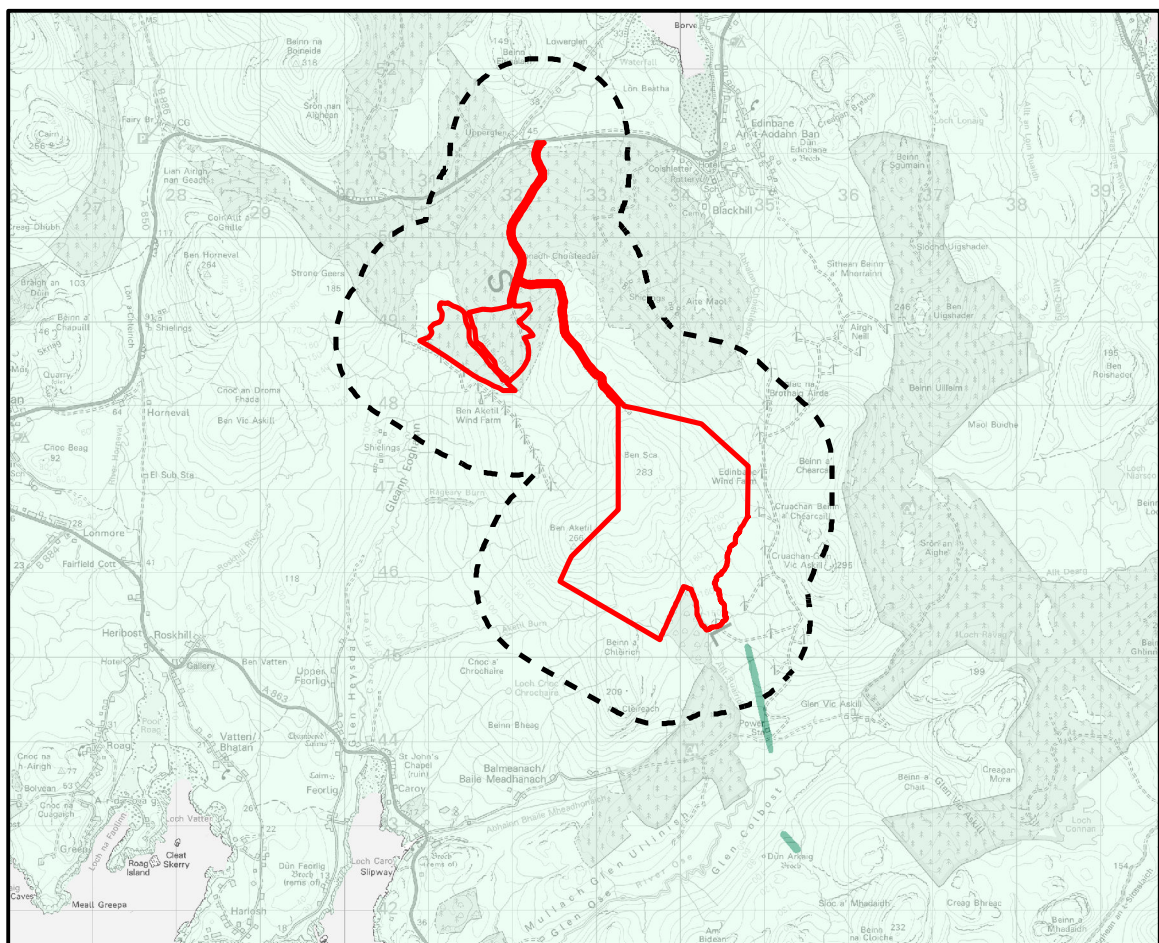
Map Extract

Scale: 1:250,000 @ A3



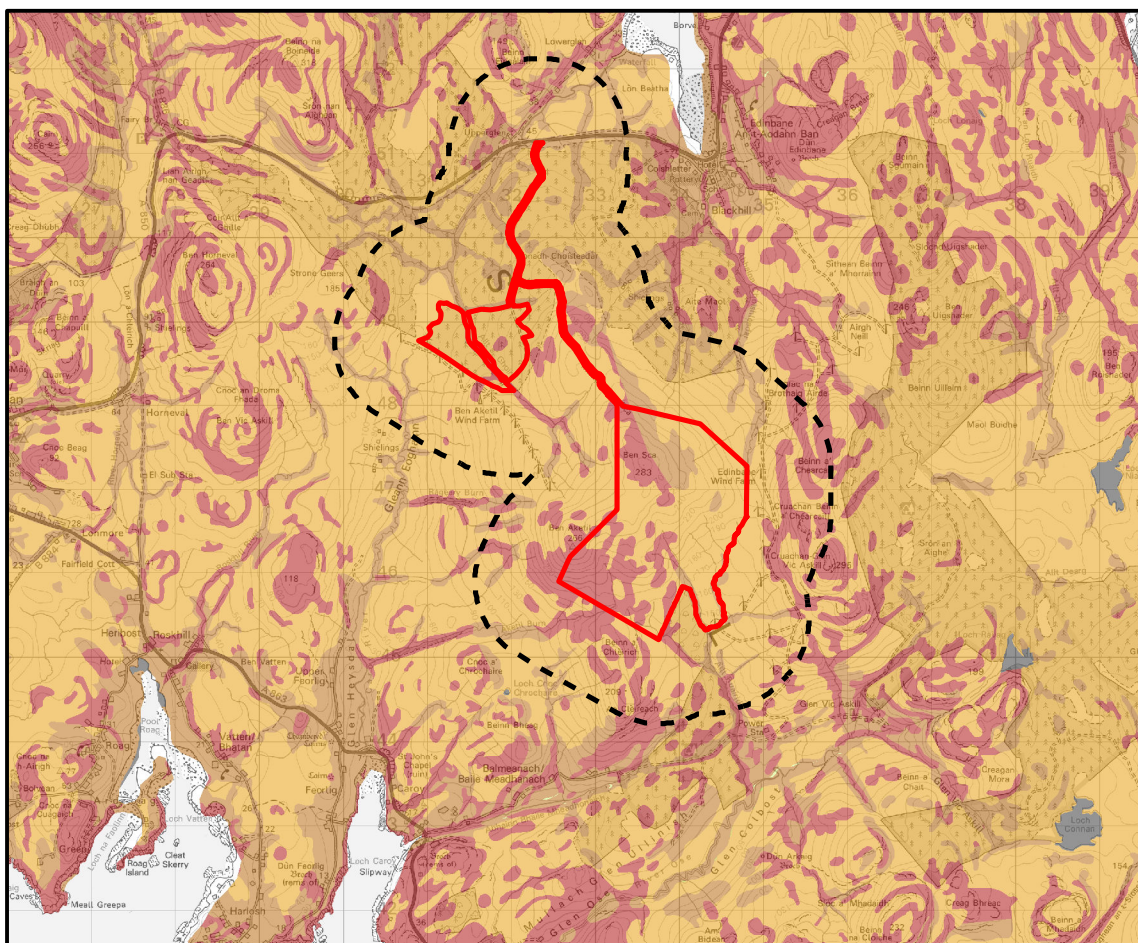
Superficial Aquifers

Scale: 1:90,000 @ A3



Bedrock Aquifers

Scale: 1:90,000 @ A3



Groundwater Vulnerability in the Uppermost Aquifer

Scale: 1:90,000 @ A3

LEGEND

- Application Site Boundary
- 1 km Study Area
- Superficial Aquifers**
 - Intergranular; Moderate to High Productivity
 - Intergranular; Low to Moderate Productivity
 - Not a Significant Aquifer
- Bedrock Aquifers**
 - Fracture; Low Productivity
 - Fracture; Very Low Productivity
- Groundwater Vulnerability in the Uppermost Aquifer Vulnerability Class**
 - 5 (Vulnerable to Most Pollutants, with Rapid Impact in Many Scenarios)
 - 4a (Vulnerable to Pollutants Not Readily Adsorbed/Transformed. Less Likely to have Clay Present in Superficial Deposits)
 - 4b (Vulnerable to Pollutants Not Readily Adsorbed/Transformed. More Likely to have Clay Present in Superficial Deposits)
 - 3 (Vulnerable to Some Pollutants; Many Others Significantly Attenuated)
 - 2 (Vulnerable to Some Pollutants, but Only When They are Continuously Discharged/Leached)
 - Not Available

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BALMEANACH WIND FARM - EIA
HYDROLOGY, HYDROGEOLOGY
AND SOILS

GROUNDWATER VULNERABILITY

FIGURE 10.6

Scale
AS SHOWN ON PLAN

Date
JULY 2023