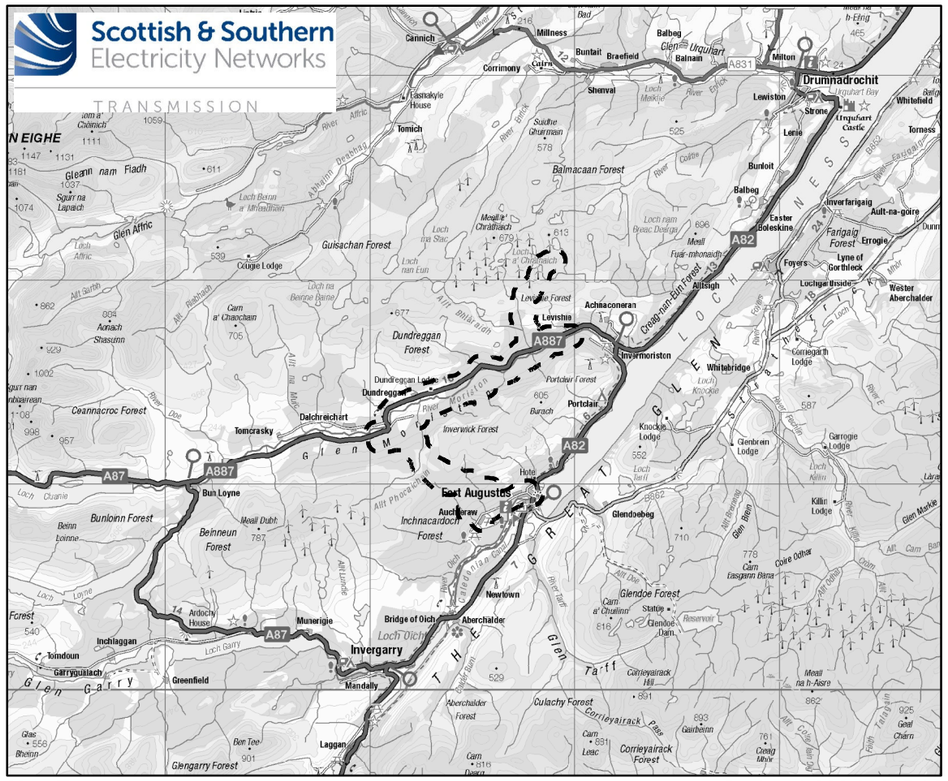
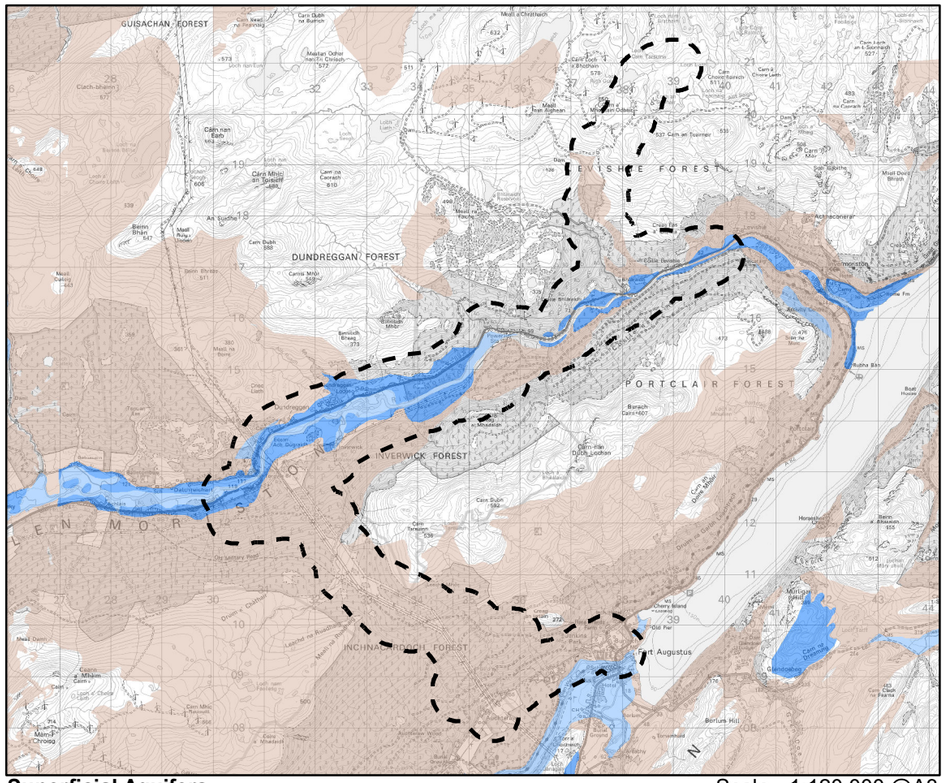
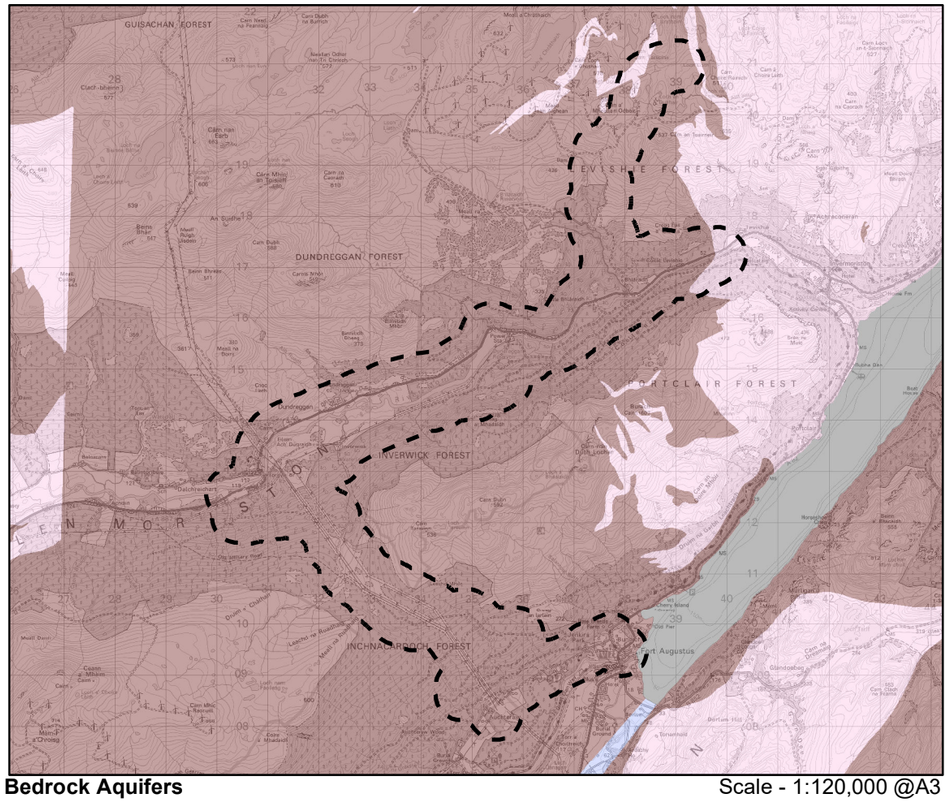


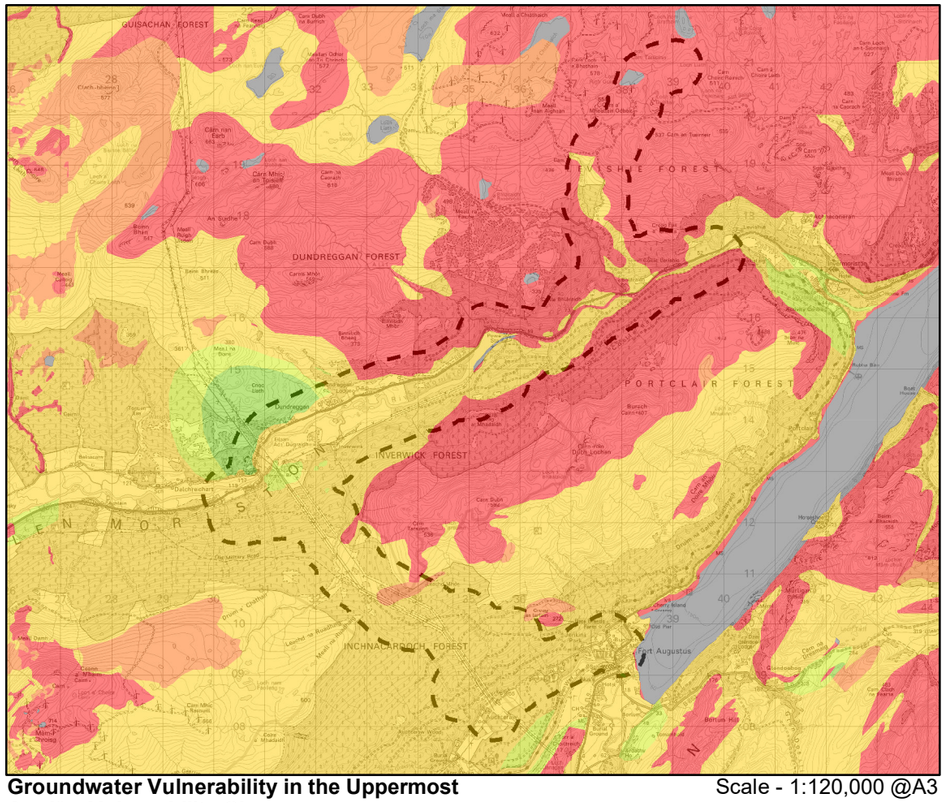
Map Extract Scale - 1:300,000 @A3



Superficial Aquifers Scale - 1:120,000 @A3



Bedrock Aquifers Scale - 1:120,000 @A3



Groundwater Vulnerability in the Uppermost Aquifer Vulnerability Class Scale - 1:120,000 @A3

KEY

Study Area

Superficial Aquifers

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

Bedrock Aquifers

- Intergranular/Fracture; Moderate Productivity
- Fracture; Low Productivity
- Fracture; Very Low Productivity
- Unknown Geology

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.

Project No: LT295

Project: Bhlaraidh Extension Wind Farm Grid Connection Works Environmental Appraisal

Title: Figure 7.9 - Groundwater Vulnerability

Drawn by: JCS Date: 30/08/2022

Drawing: 04707.00017.0036.0