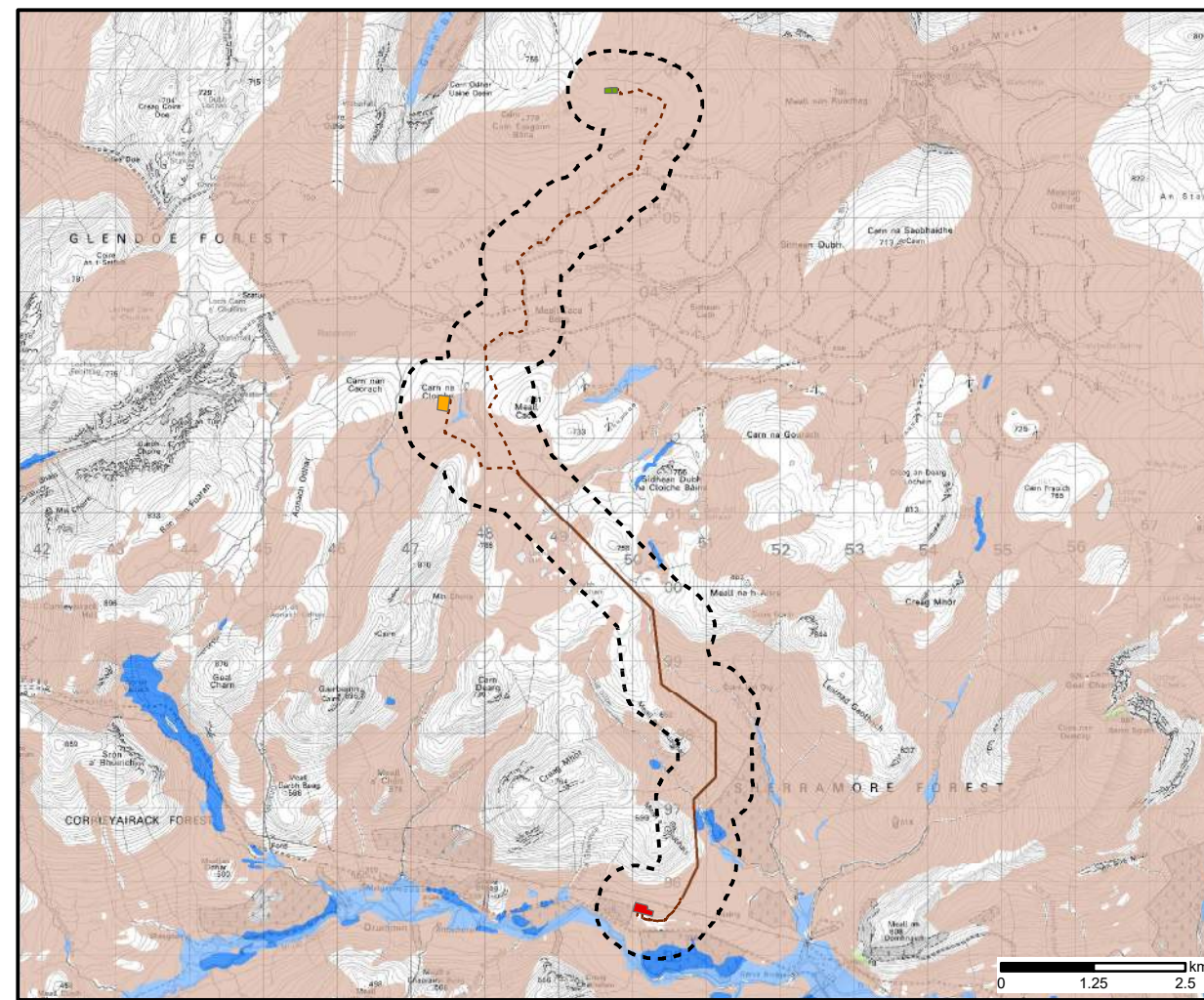


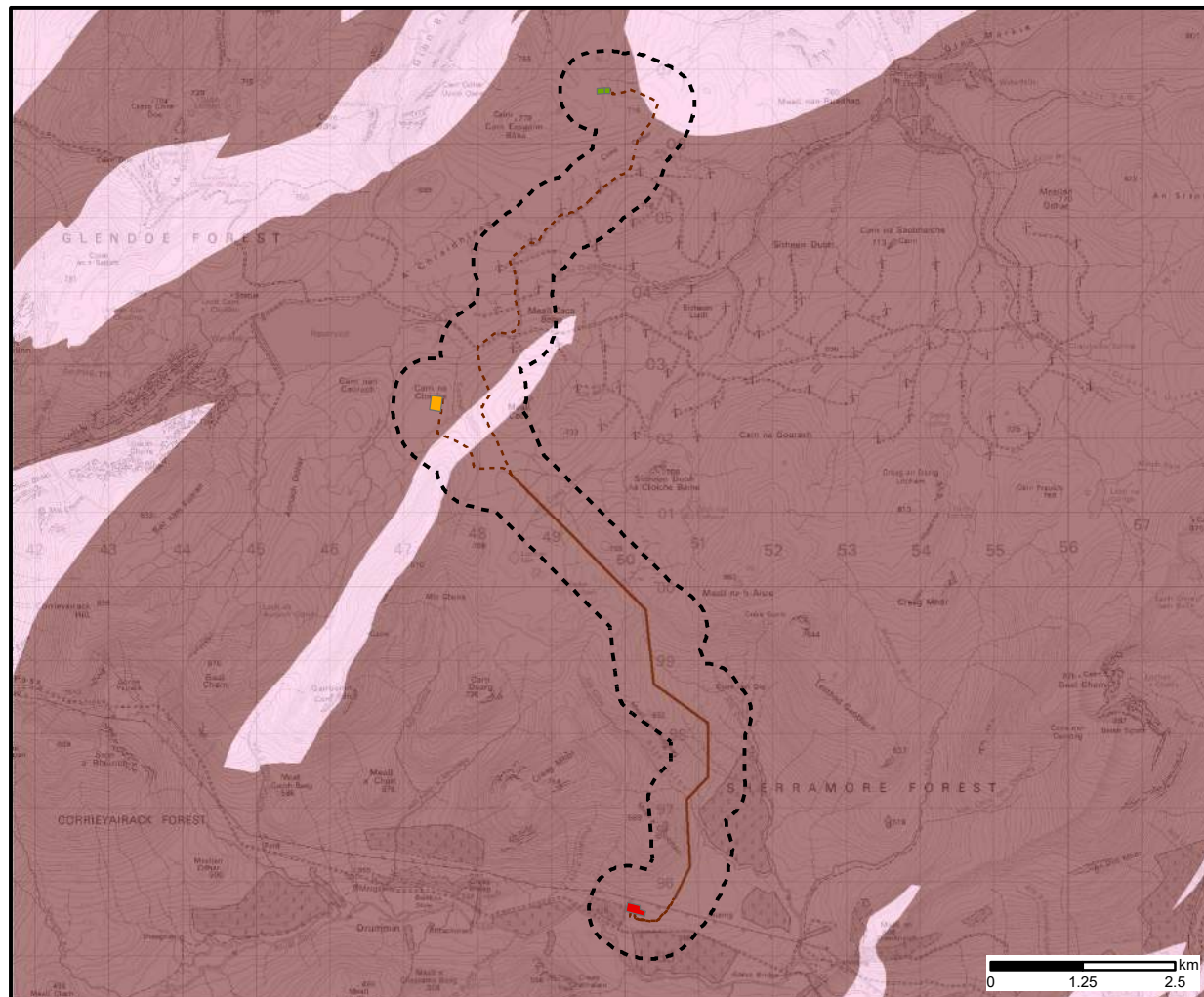
Map Extent

Scale - 1:250,000@A3



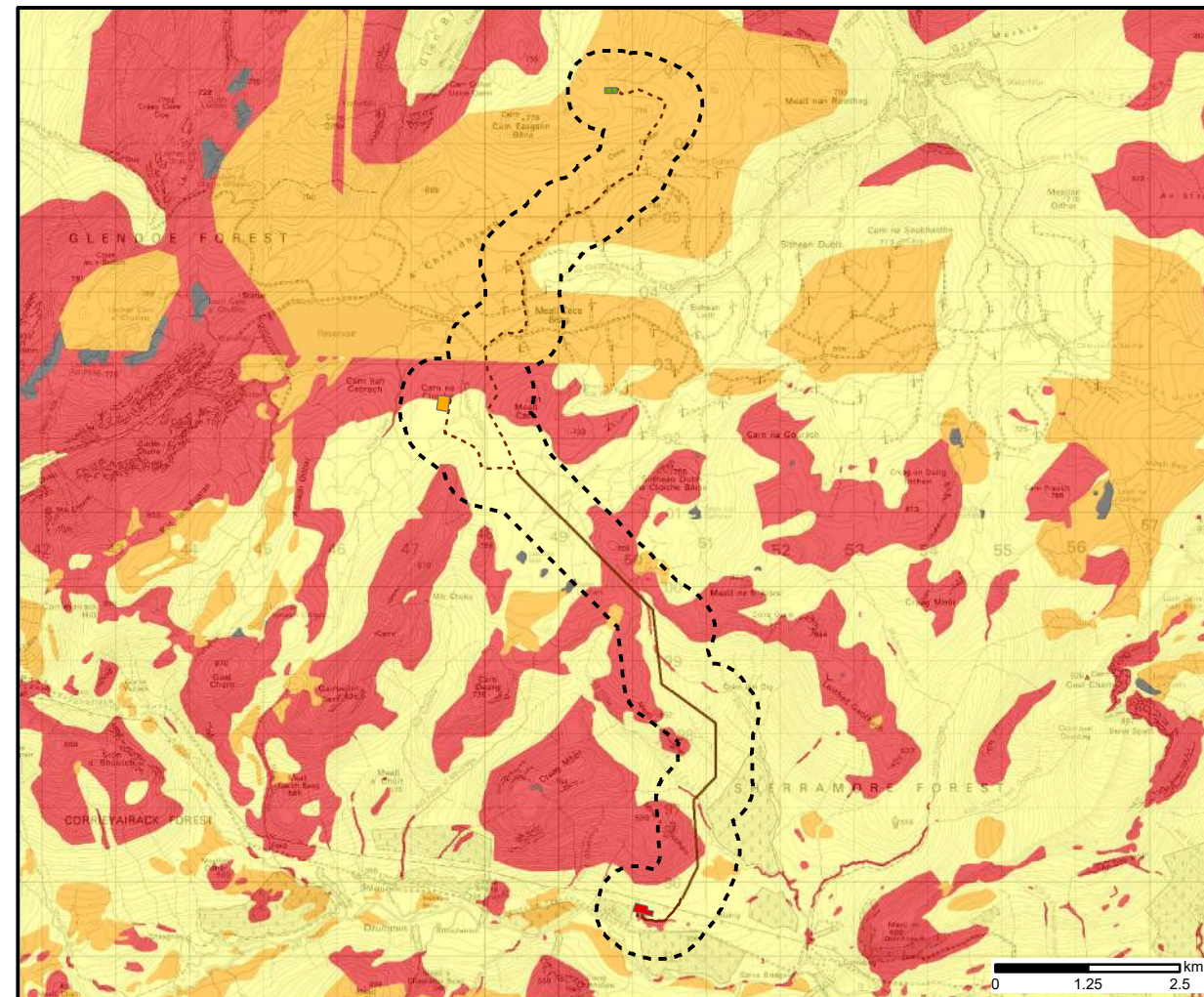
Superficial Aquifers

Scale - 1:100,000@A3



Bedrock Aquifers

Scale - 1:100,000@A3



Groundwater Vulnerability in the Uppermost Aquifer

Scale - 1:100,000@A3

Legend

- 500 m Study Area
- Overhead Line (OHL) Works**
 - Proposed Overhead Line (OHL)
- Ancillary Development**
 - Indicative Underground Cable (UGC) Alignment
- Existing Infrastructure**
 - Melgarve Substation
- Proposed Wind Farm Infrastructure**
 - Dell Substation
- Consented Wind Farm Infrastructure**
 - Cloiche Substation
- Superficial Aquifers**
 - Intergranular; High Productivity
 - 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**
 - 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)
 - Not Available



Project: Melgarve Cluster Project:
Environmental Impact Assessment

Title: Figure 10.7 - Groundwater Vulnerability

Drawn by: FG 22/03/2024

Drawing: 04707.00029.0044.0