

Figure 3.1.3: Human Environment

This map illustrates the human environment, highlighting various features and boundaries. The map includes a legend with the following items:

- Schools (Red dot)
- National Inventory of Architectural Heritage (Yellow square)
- National monuments (Pink dot)
- Houses (Black dot)
- Public water sources (Blue dot)
- Railway line (Black line with cross-ticks)
- Over Head Line (Dashed brown line)
- Settlements (Brown outline)
- Source_protection (Black outline)
- Zone_of_contribution (Black outline)
- Study area (Red outline)
- Forestry & woodland (Green area)
- 2016 Census small area (Blue area)
- Townland boundary (Green outline)

The map also includes a scale bar indicating 1:50,000 @ A3 and a note: "Ordnance Survey License as per Appendix 6 of Volume 3".

**Figure 3.1.4:
Human
Environment**

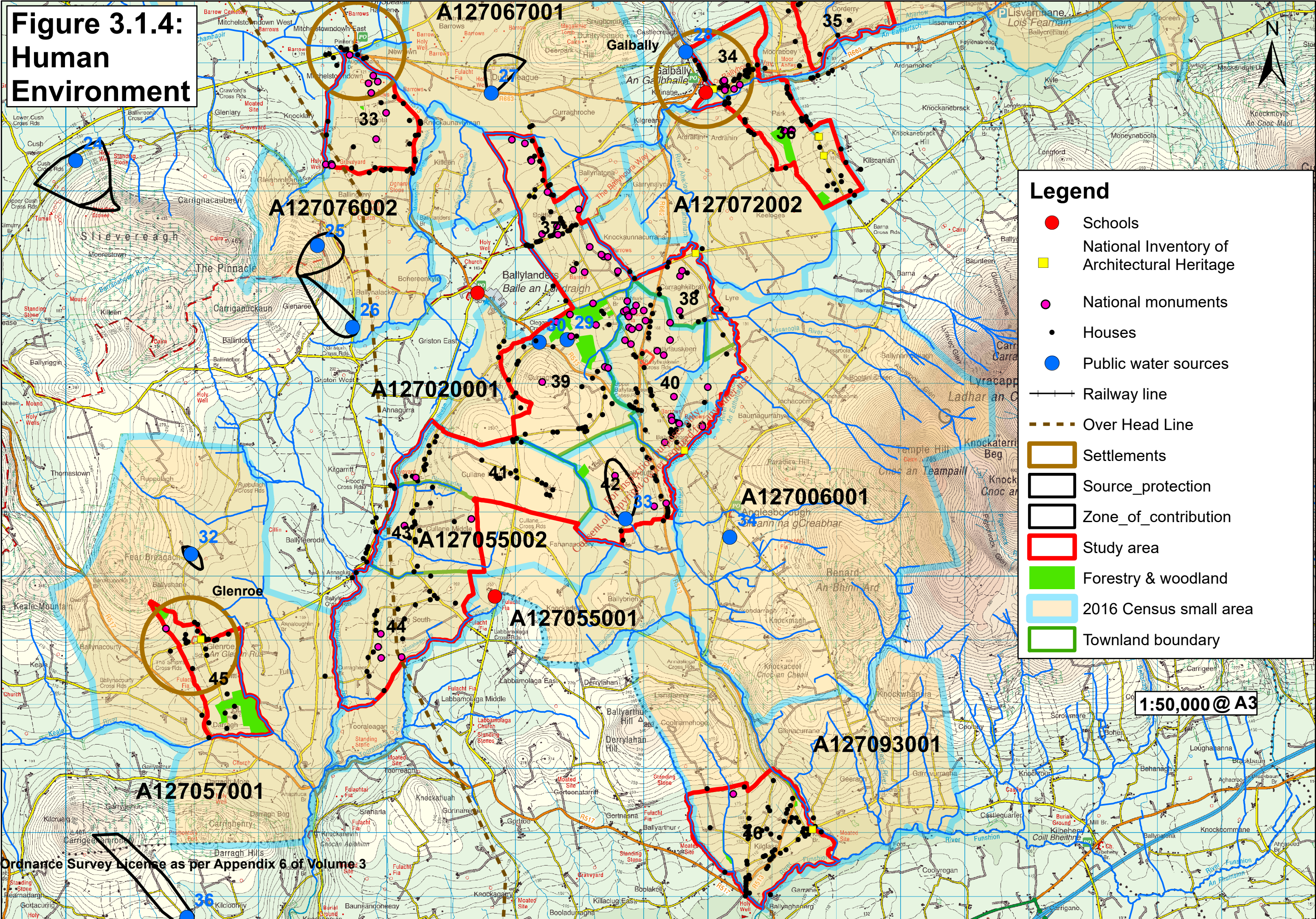


Figure 3.1.5: Human Environment

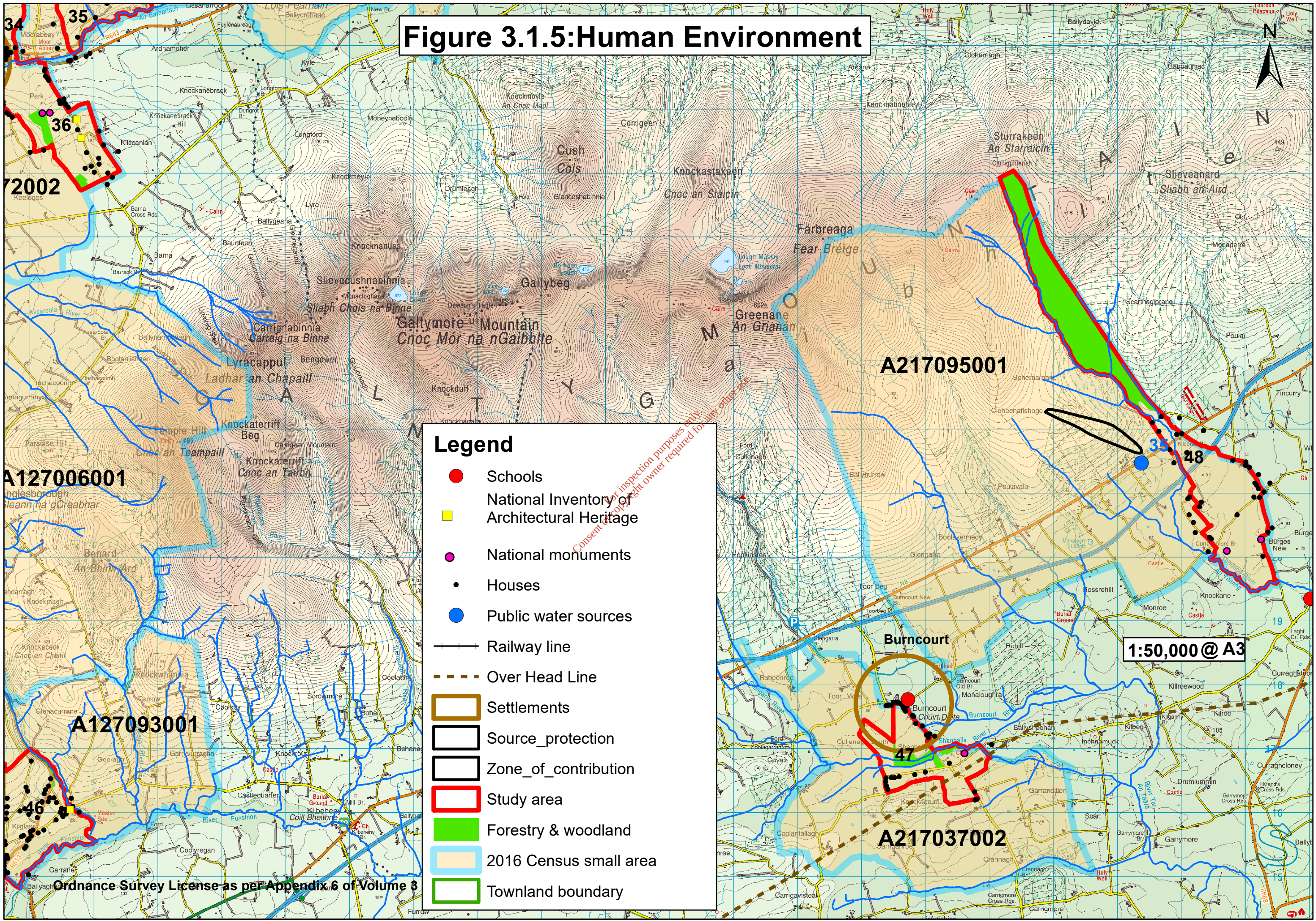


Figure 5.2.1; Soil Types

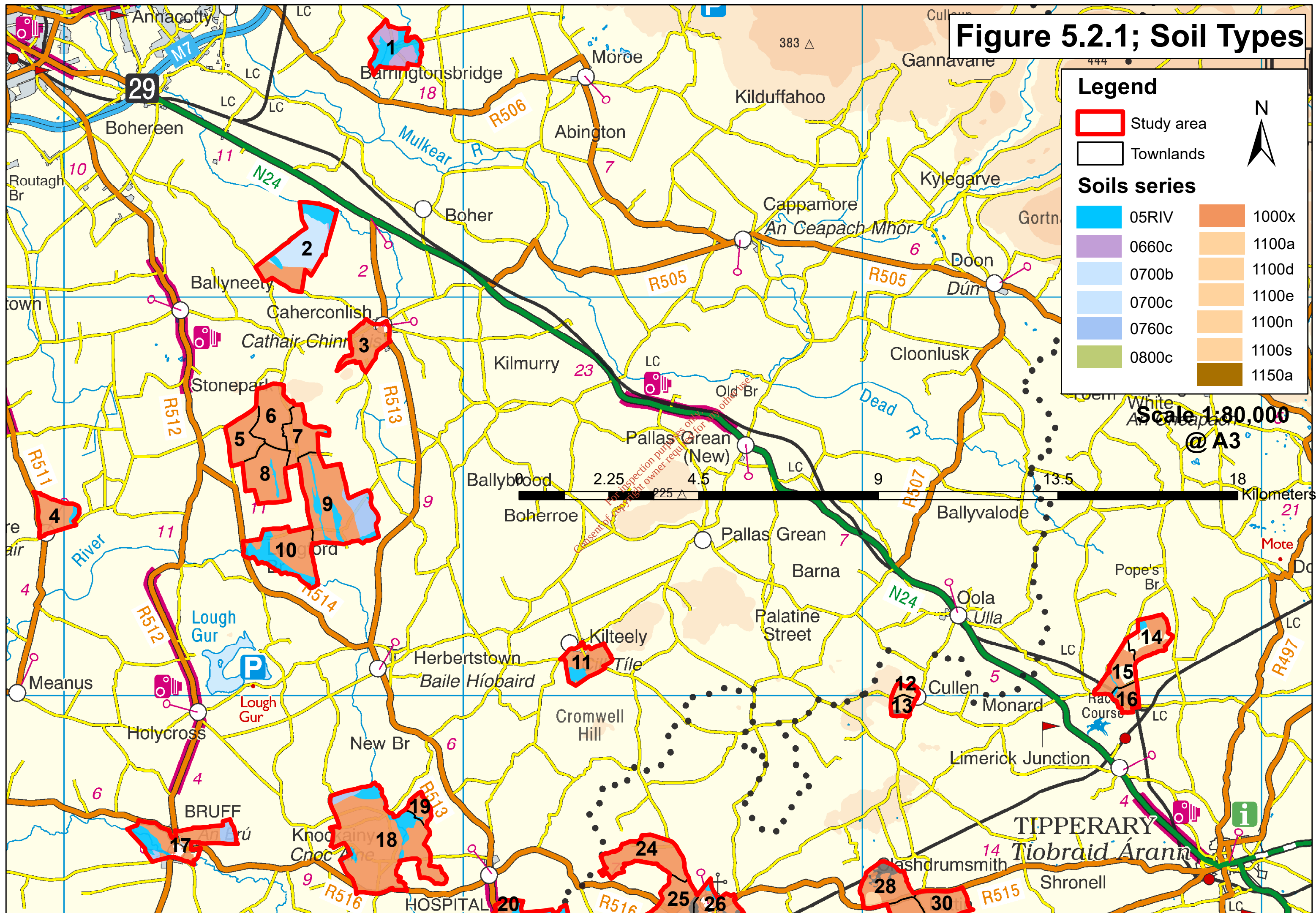


Figure 5.2.2; Soil Types

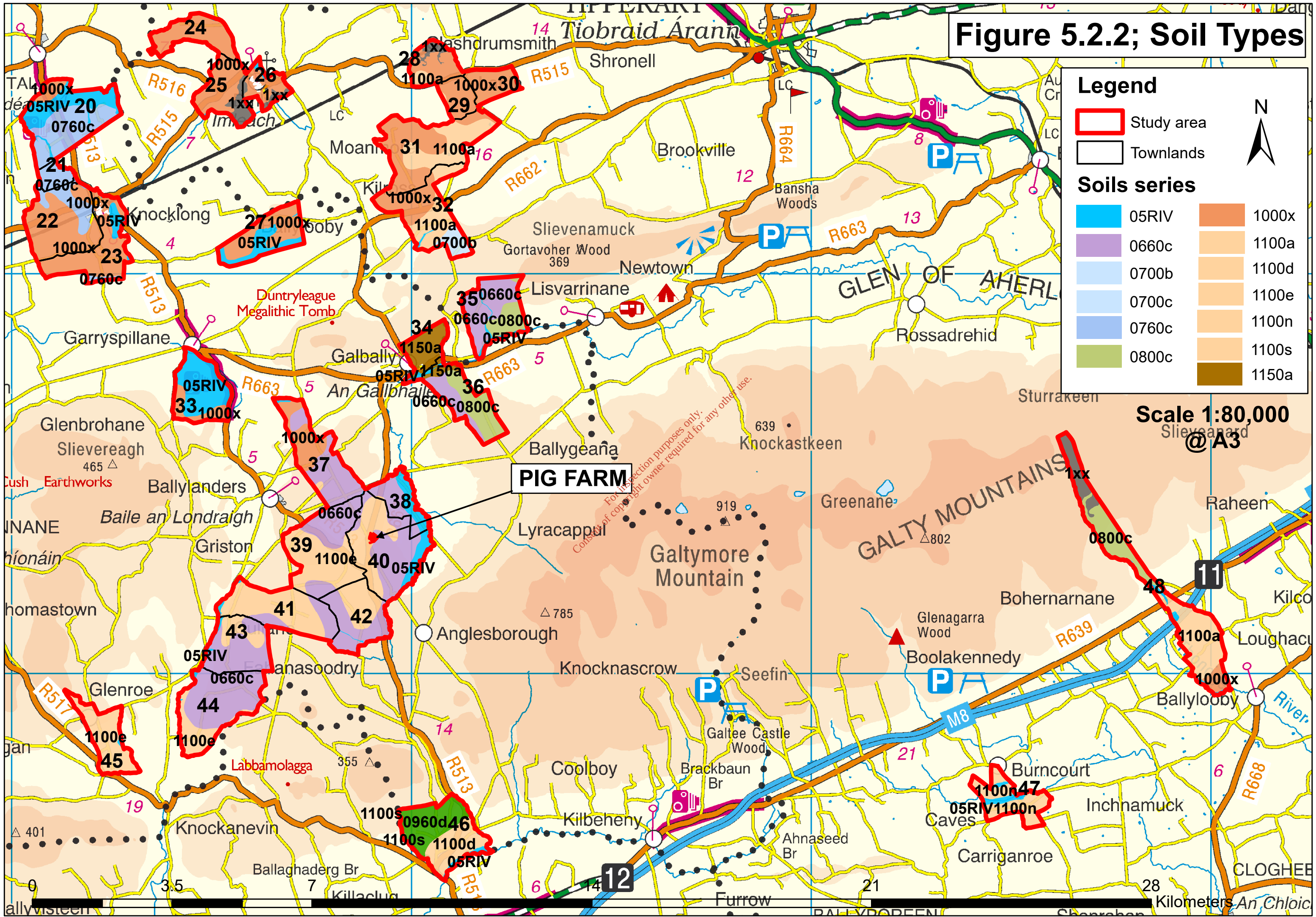


Figure 6.2.1: Bedrock Formations and Aquifer Status

Scale: 0 to 18 Kilometers

Legend: See Table 6.3 for Bedrock Descriptions. Regionally Important Aquifer (indicated by red outline).

Map details: The map shows the Limerick region with various geological units and aquifers. Key features include:

- Geological Units:** 1BA, WA, VLR, LR, KRv, KRb, HE, T, BA12, BA13, BA18, BA24, LLSA, LLSBA, BT, TB14RM, BTLLS, CA16.
- Roads:** R506, R505, R507, R511, R512, R513, R514, R515.
- Rivers:** Mulkear R, Dead R, Lough Gur.
- Towns:** Barringtonsbridge, Abington, Cappamore, Doon, Toem, Cappagh White, Ballyvalode, Oola, Cullen, Monard, Limerick Junction, Shronell.

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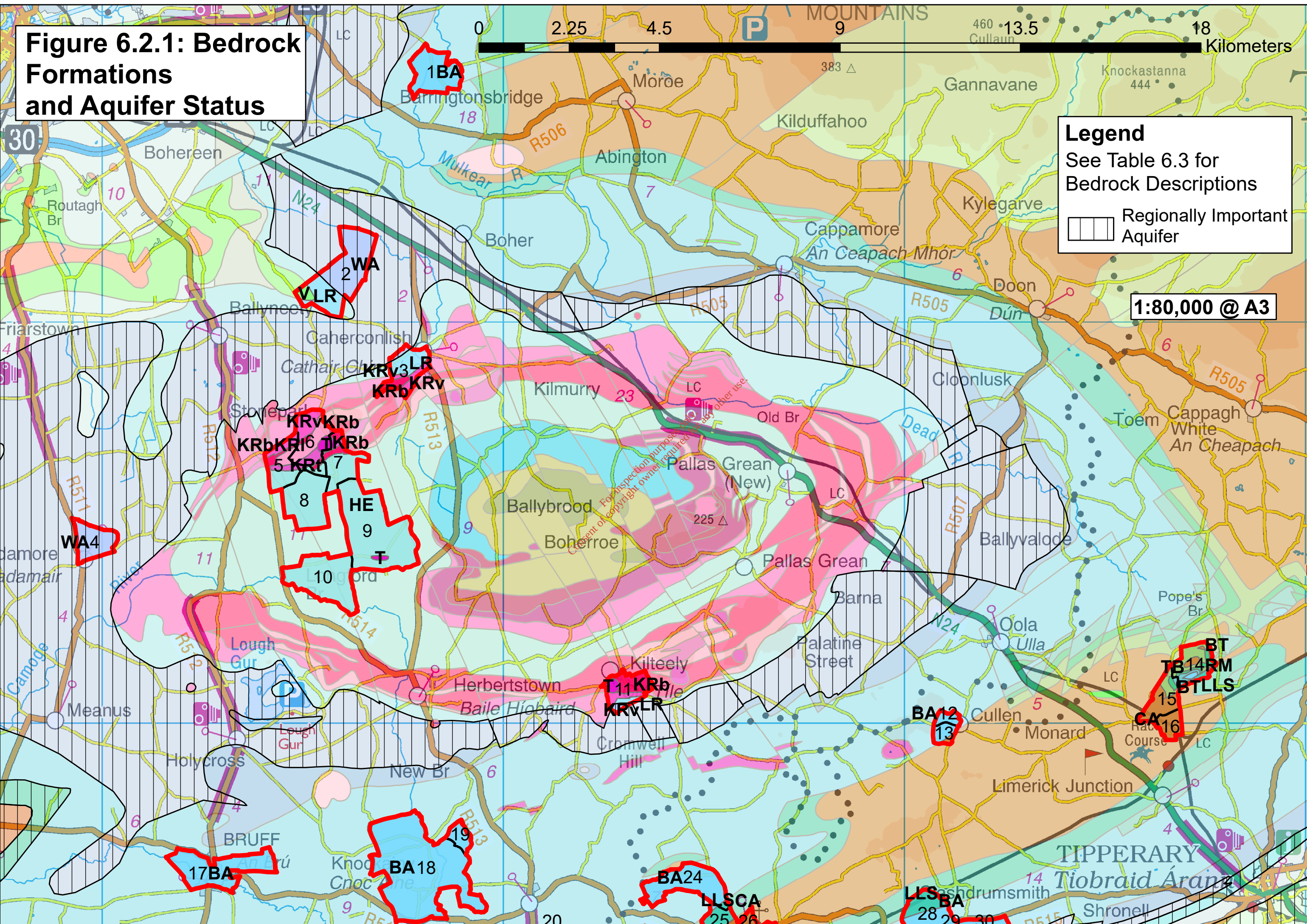
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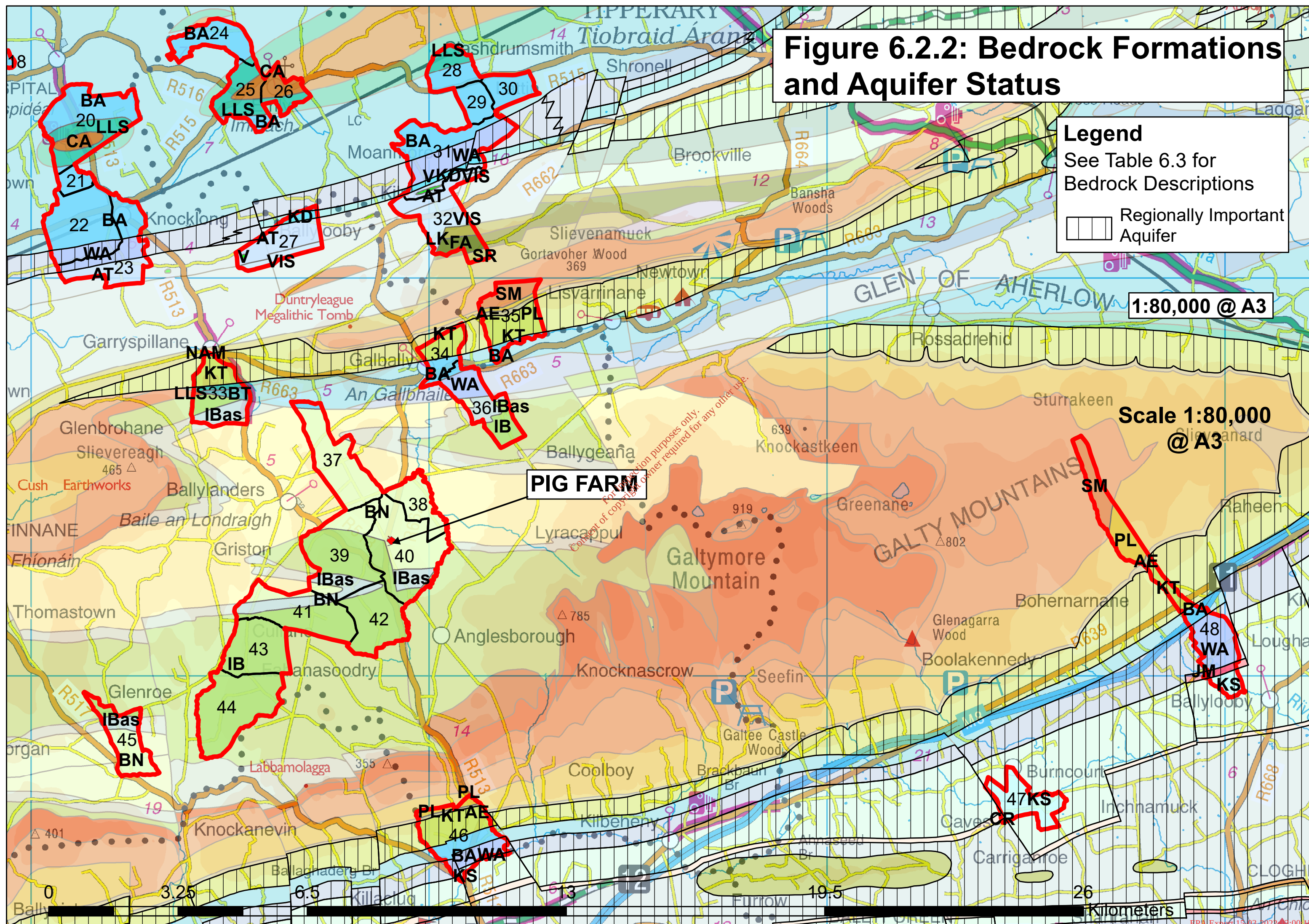
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[illegible]

**Figure 6.3.2:
Groundwater
Vulnerability**

Legend

 Study area

VULNERABILITY

 Rock at or near Surface or Karst

 Extreme

 High

 Moderate

 Low

N



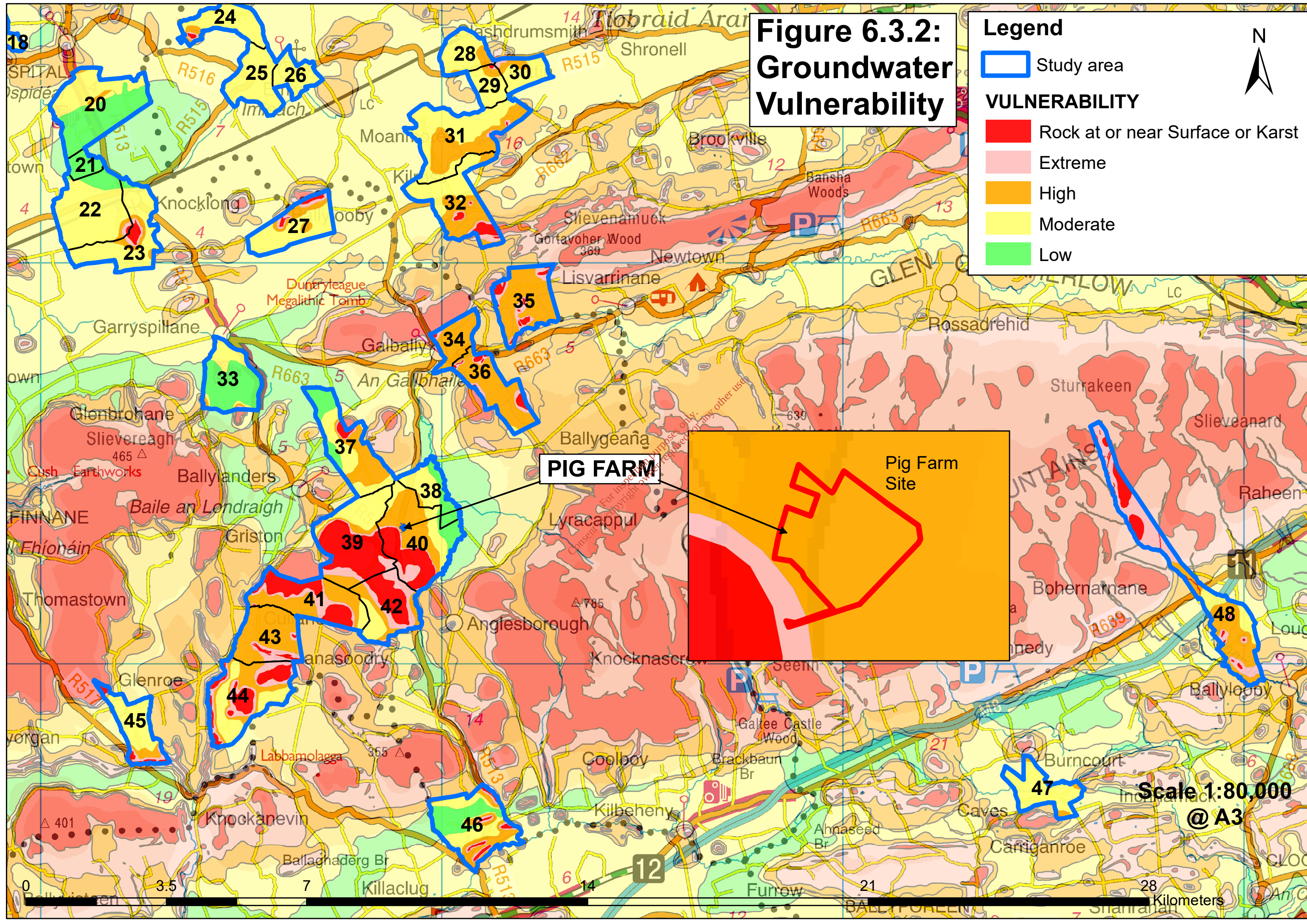


Figure 6.4.1; Ground waterbodies, Public Water Sources and Aquifer status

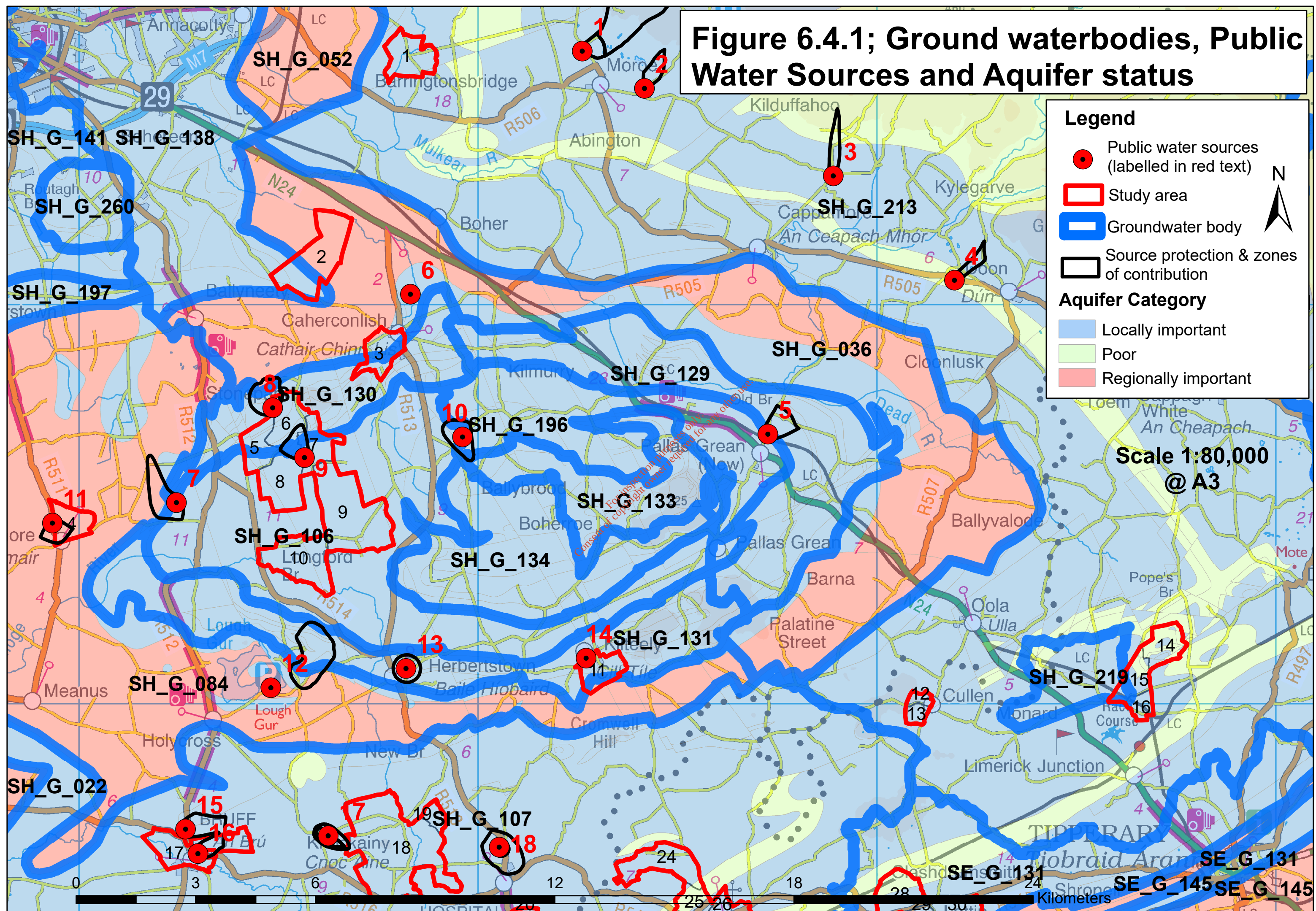


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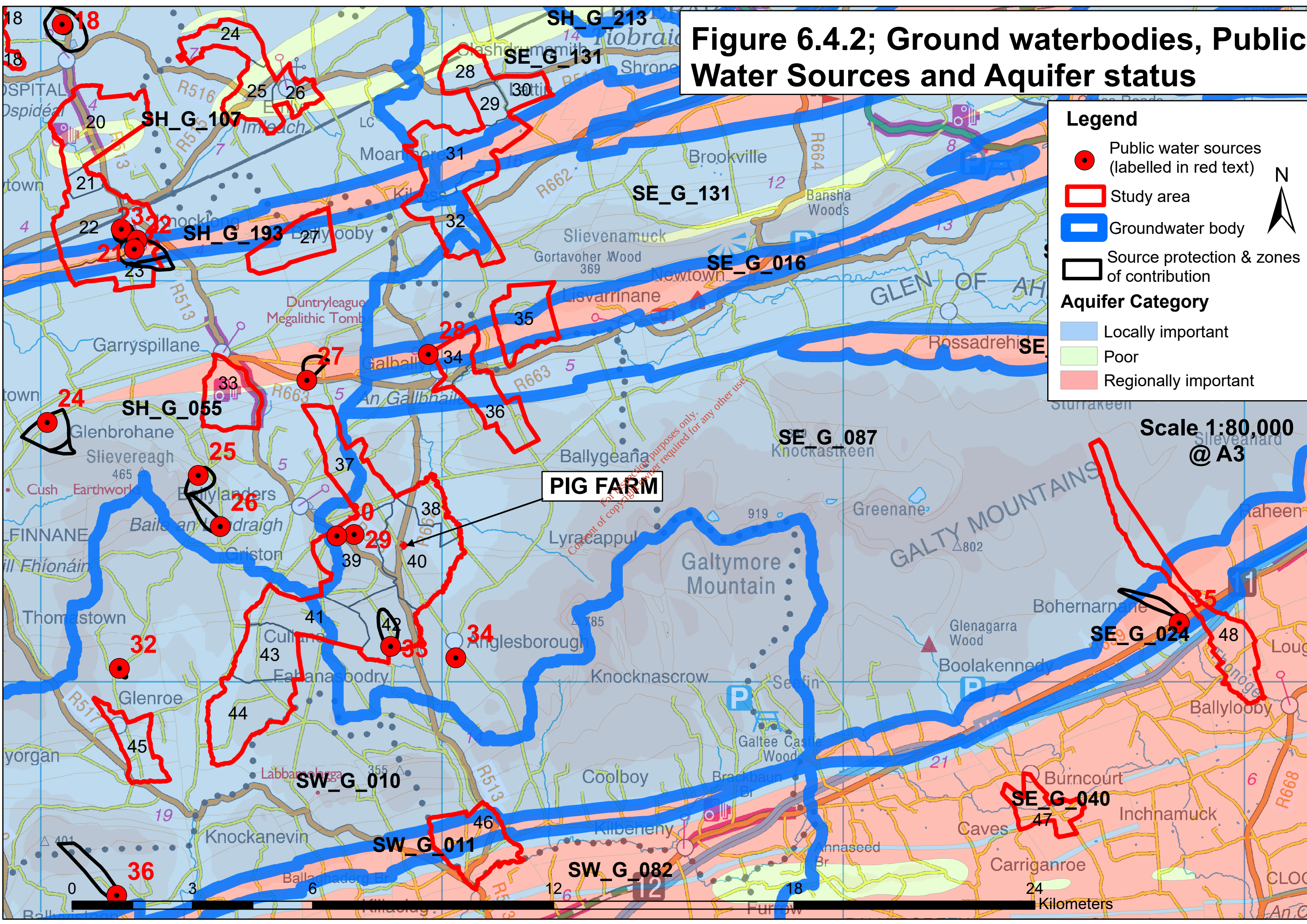


Figure 6.12.1; Baseline Surface Water Quality

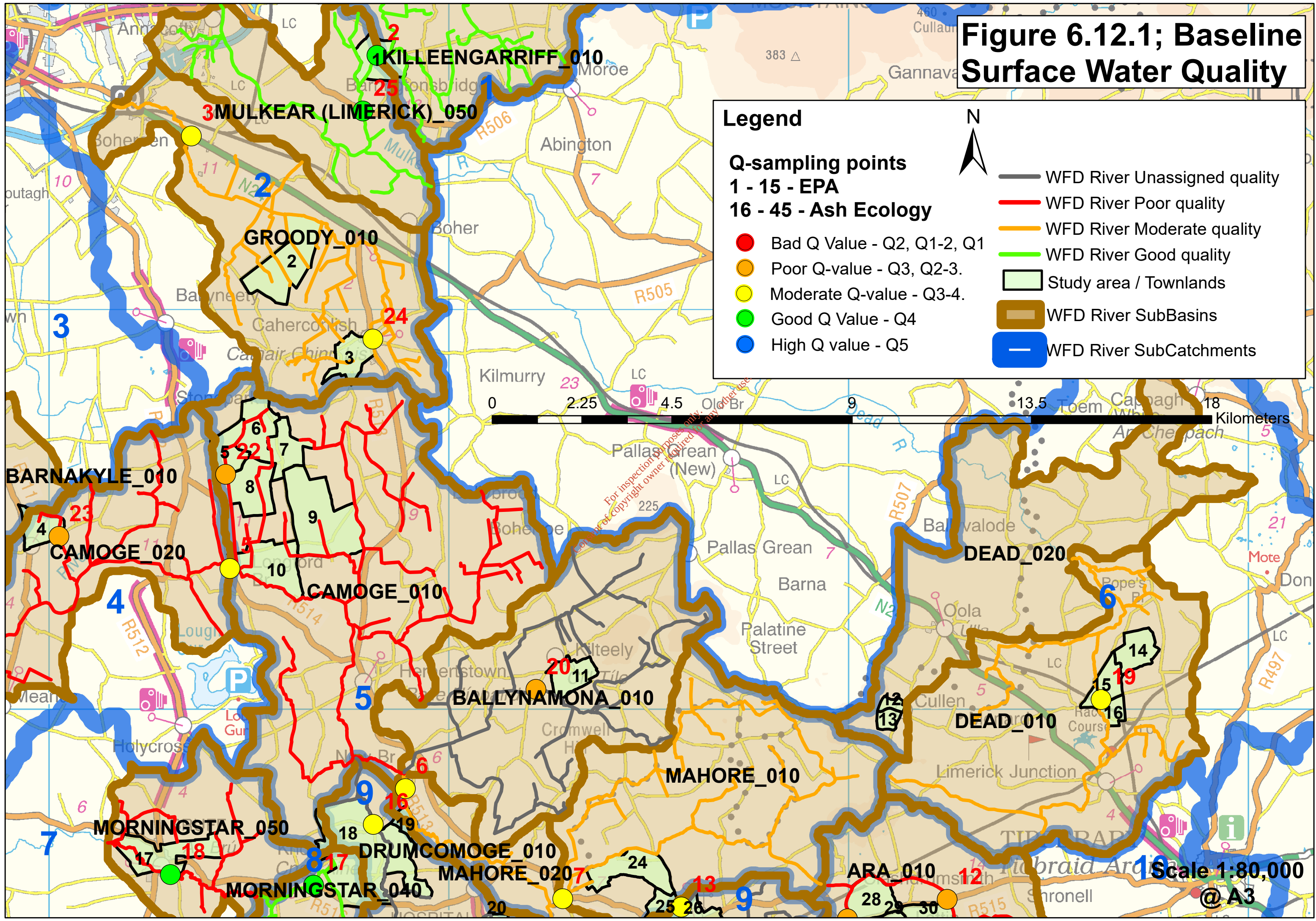
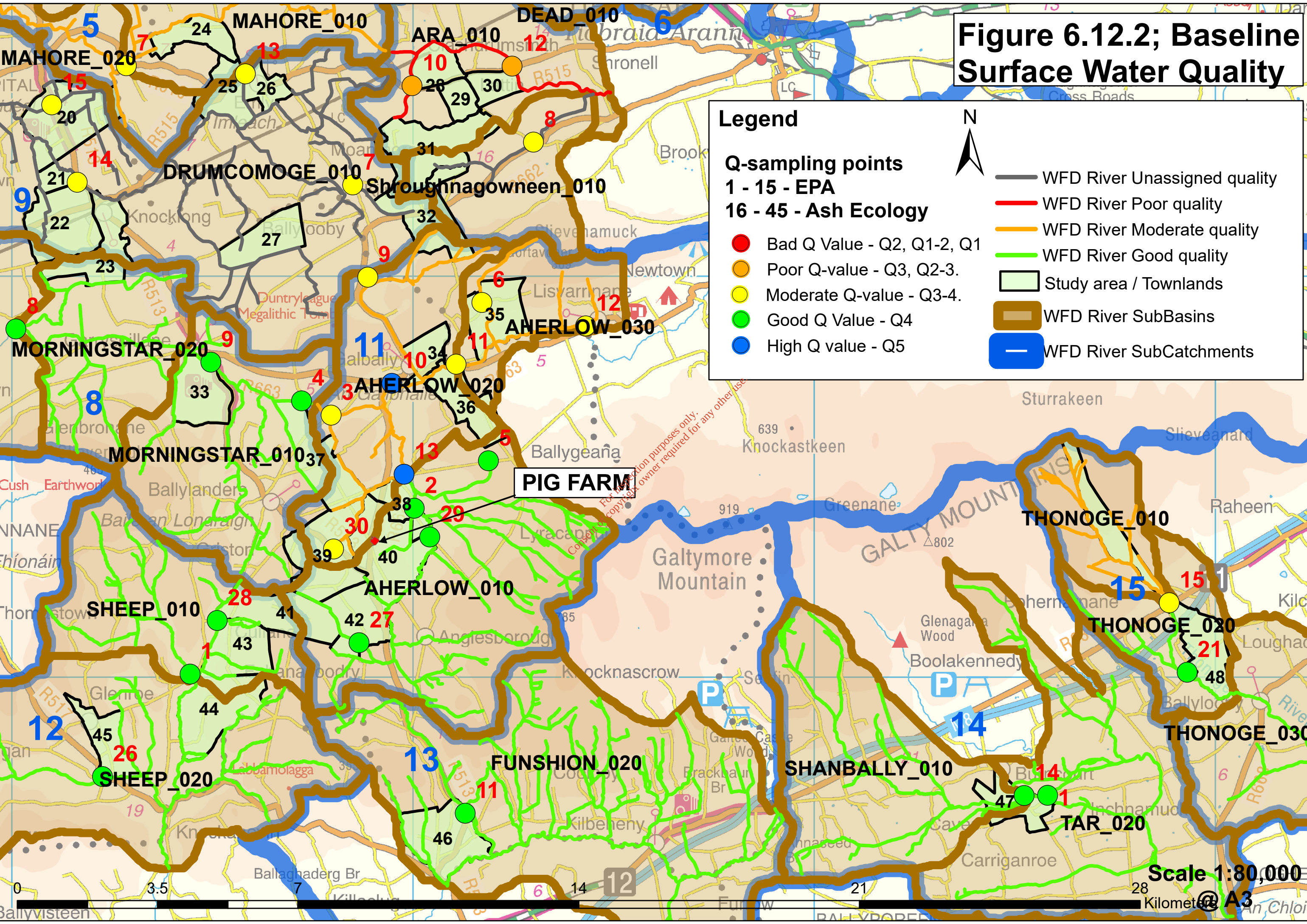


Figure 6.12.2; Baseline Surface Water Quality



Scale 1:80,000
@ A3

**Figure 6.13.1; Baseline
Surface Water Risk Status**

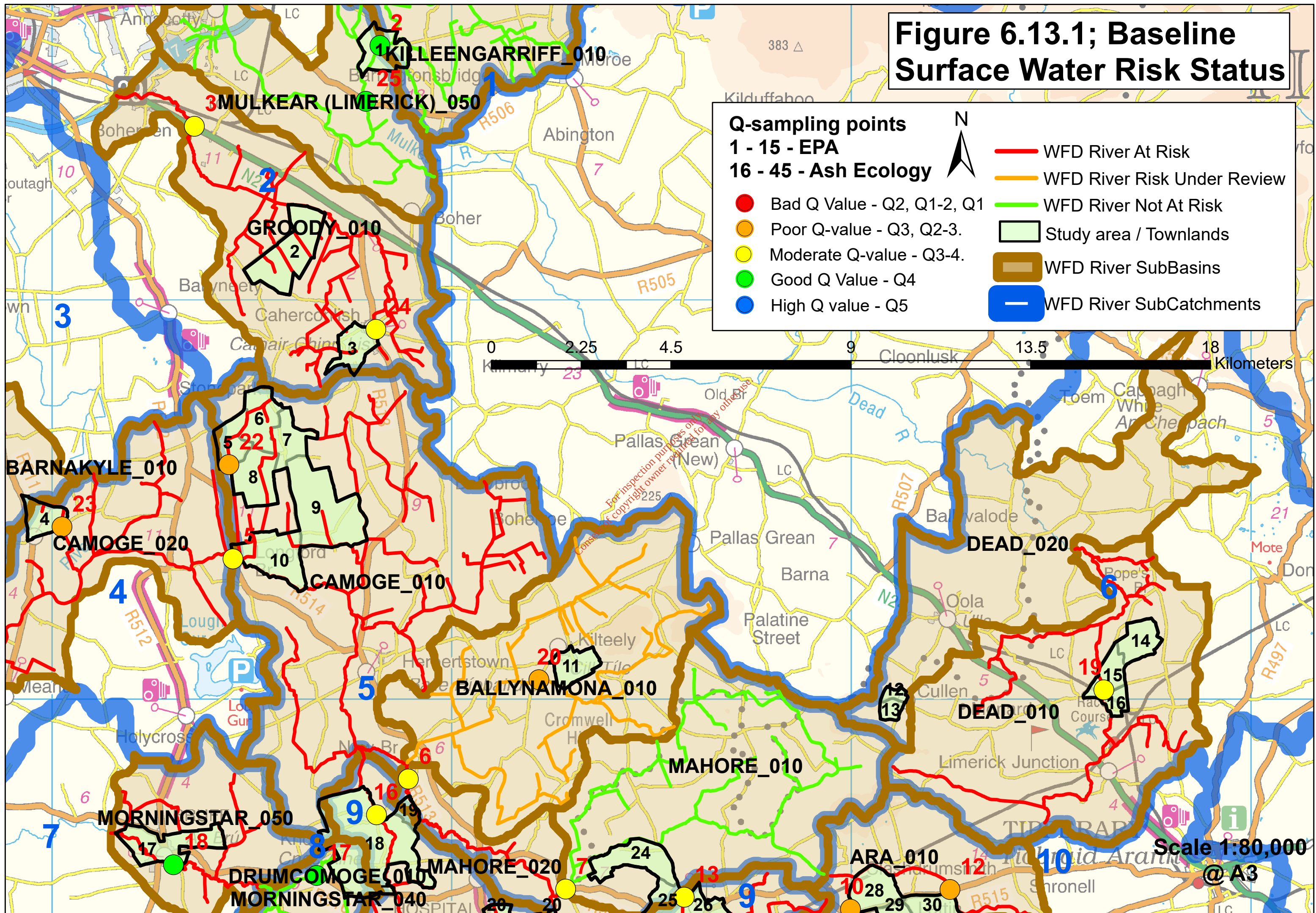


Figure 6.13.2; Baseline Surface Water Risk Status

