

**Site Name: Clyn Glas**

**Grid Reference: SN 815500 to SN 820495**

**RIGS Category:** Scientific

**Earth Science Category:** Ordovician (Ashgill) and Silurian (Llandovery) Stratigraphy

**Geology 1:50,000:** BGS Sheet 196, Builth Wells

**RIGS Statement of Interest:**

The RIGS, named for an abandoned farmhouse, comprises 6 cuttings along a c. 1 km long section in the mountain road that overlooks the eastern arm of the Llyn Brianne Reservoir. The cuttings provide a well-exposed section through parts of the late Ordovician to early Silurian Cwmere Formation and overlying early Silurian Derwenlas Formation. The marine sedimentary rocks contain graptolite fossils that have been used to identify the formations and to date them. In addition, broken brachiopod shells, crinoid stems and bryozoa are common in these rocks.

The Cwmere and Derwenlas formations have been identified over large parts of Wales. The rocks here are subtly different from those near Aberystwyth, for example, the differences pointing to contrasting depositional environments and sediment supply. This RIGS is a particularly important piece of the jig-saw puzzle that gives a picture of the geography of Wales in this period.

**Surveyed by:** W.R. Fitches & R. Cave