

Site Name: Llyn Craig y Pistyll Quarry **Grid Ref: SN 71818563**

RIGS Category: Educational & Scientific

Earth Science Category: Ordovician (Ashgill) Stratigraphy

1:50,000 Geological: BGS Sheet 163, Aberystwyth

RIGS Statement of Interest:

This small quarry, about 25 m in length, exposes a c. 6 m thick section through the Mottled Mudstone Member of the Cwmere Formation at the top of the Ordovician succession. Its main geological attraction is the abundance of graptolite fossils, mostly *Normalograptus persculptus* (formerly *Glyptograptus persculptus*), lying along bedding planes in the mudstones especially near the base of the exposed succession. The importance of this locality is highlighted by its detailed description in the Aberystwyth memoir of the British Geological Survey (Cave & Haines, 1986, p.64 and Figure 29, loc.16).

This RIGS is close to the Llyn Craig y Pistyll Ravine RIGS (RIGS 326), an important structural geology site. Together these RIGS provide an excellent educational resource that includes graptolite palaeontology, marine sedimentology and structural geology.

Surveyed by: W.R. Fitches