

**Site Name: Clywedog Viewpoint Cuttings Grid Reference: SN 911 866 to SN 909 869 and SN 911 868**

**RIGS Category:** Educational & Scientific

**Earth Science Category:** Ordovician (Ashgill) Stratigraphy & Structure

**Geology 1:50,000:** BGS Sheet 164 Llanidloes

**RIGS Statement of Interest:**

This two-part site comprises a series of easily accessible road cuts and road-side quarries excavated during the construction of Clywedog dam which the site overlooks. The succession comprises mudstones with packets of thick sandstone, and is comparable with part of the Pencerrigteuion Member of the Drosgol Formation that crops out in the adjacent Aberystwyth region. Spectacular ripple marks and dewatering structures are clearly visible in the sandstones, and the sequence is deformed by large-scale folds that can be demonstrated in the cuttings and mapped out by using aerial photographs.

The quarries are largely stable, but steep-walled and need to be respected in a safety context. The site is adjacent to a viewpoint over Clywedog dam and reservoir which attracts tourists; parking and facilities are available at present (2006) at the Red Kite Kiosk. The importance of the site is emphasised by its appearing in the geological field guides of Davies et al. (1978, pp.55-57) and Leng & Cave (1993, pp.151-153). This area is within the British Geological Survey Llanidloes 1:50,000 sheet, which is being mapped and surveyed this year (2006): conservation is essential to assist these and future studies.

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