

Site Name: Penllan **Grid Reference: SO 037656 to SO 043651**

RIGS Category: Scientific

Earth Science Category: Ordovician (Caradoc & Ashgill) Stratigraphy

Geology 1:50,000: BGS Sheet 179, Rhayader

RIGS Statement of Interest:

This site is c. 750 m in length and comprises a series of cuttings in a bridleway passing through forestry plantations and fields on the southern flank of the Dulas valley about 3 km NNW of Llandrindod Wells. The cuttings provide a long but intermittent section through middle and upper parts of the St Cynllo's Church Formation, of Caradocian age and the oldest formation of the Ordovician exposed in this part of Central Wales. These marine sandstones, siltstones and mudstones are locally seen to be overlain by mudstones of the Nantmel Formation in the upper, Ashgill part of the Ordovician. The importance of this section is highlighted by its inclusion in the Powys geological field guide (Wilson et al., 1993, Location 2), there referred to as Pen-y-lan Firs and Rhos Esgairannos, and is given attention in the Llanilar-Rhayader memoir of the British Geological Survey (Davies et al., 1997). Rock exposure is generally poor in this region, making this section particularly important.

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