

Site Name: Llyn Egnant

Grid Ref: SH 789666

RIGS Category: Educational & Scientific

Earth Science Category: Silurian (Llandovery) Stratigraphy and Structure

1:50,000 Geological: BGS 178 Llanilar

RIGS Statement of Interest:

This RIGS comprises a line of low crags about 200 m in length in the Teifi Pools area, which is important for scenic tourism. Although remote, the crags are readily accessible, except under winter conditions when the approach roads may be snow- or ice-bound. The crags provide a particularly well-exposed section of the Teifi Member of the Rhuddnant Grits Formation of the early Silurian Cwmystwyth Grits Group. The rocks are mostly coarse marine sediments, with well-displayed examples of sedimentary structures, which were deposited by fast-flowing density currents from southern Wales. A major geological attraction is that the rocks have been spectacularly folded and cleaved by the Caledonian (Acadian) deformation. These rocks were included in the PhD study by Clayton (1992) and are a focus of attention in the Llanilar-Rhayader memoir of the British Geological Survey (Davies et al., 1997).

Surveyed by: W.R. Fitches