

**Site Name: Capel Soar-y-Mynydd Section Grid Ref: SN 784537
to SN 785535**

RIGS Category: Educational & Scientific

Earth Science Category: Silurian (Llandovery) Stratigraphy & Structural Geology

Geology 1:50,000: BGS Sheet 195 Lampeter

RIGS Statement of Interest:

This site provides a section through much of the Lower Silurian Hafdre Formation, which is well-exposed, easily accessible and safely approached. There are excellent examples of turbidites derived from southern Wales, with particularly clear erosional sole structures (flute and groove casts) that give current directions and a variety of trace fossils made by burrowing and grazing organisms. The rocks have been deformed by small-scale folds and cleavage usually attributed to the Caledonian (Acadian) tectonic events. These sedimentary and tectonic features are of considerable interest to researchers and to educational groups, and they may be included in public awareness material aimed at drawing attention to the local and regional geology. The importance of the site is emphasised by its appearance in the Geological Excursion guide for Powys (Mackie, 1993).

Surveyed by: W.R. Fitches