

**Site Name: Maelienydd Road Cutting      Grid Reference: SO 133 715**

**RIGS Category:** Educational & Scientific

**Earth Science Category:** Silurian (Wenlock) Stratigraphy

**Geology 1:50,000:** BGS Sheet 180 Knighton (not yet mapped)

**RIGS Statement of Interest:**

This cutting is about 75 m in length but only the SE section of about 15 m is well-exposed. It is named for the topographic feature to the SW as shown on the OS 1:50,000 map. The rocks are Silurian marine deposits, probably part of the Nantglyn Flags Formation. Graptolite fossils collected from the cutting during the RIGS survey were passed to a specialist for identification: that study (24.05.2006) indicates an early to mid Wenlock age. These sedimentary rocks and fossils are of considerable interest to researchers working on the evolution of the eastern flank of the Welsh Basin, but this part of Wales has received little attention from geologists. It lies within the Knighton sheet which will be mapped by the British Geological Survey for the first time in 2007-8. In view of the paucity of information in the region, it is important to conserve the rocks and fossils in this cutting for future studies.

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