

Site Name: Talerddig Cutting

Grid Reference: SH 9283 0043

RIGS Category: Educational & Scientific

Earth Science Category: Silurian (Llandovery) Stratigraphy and Structure

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

RIGS Statement of Interest:

This c. 200 m long road cutting provides a section through upper parts of the early Silurian Talerddig Grit and Shale Group (south end of the site) and lower parts of the Dolgau Mudstone Group (central and northern section). It includes excellent examples of sandstone turbidites, and a maroon mudstone unit that occurs sporadically in the Welsh Basin and offers important research potential because of its uncertain origin and regional significance. A spectacular anticline ('The Arch') occupies the south end of the section, and commonly attracts the attention of local people and passing road- and rail-passengers.

The geology of this district was last investigated more than 50 years ago by Bassett (1955). As part of the Llanidloes 1:50,000 geological map, it is being remapped by the British Geological Survey; revision and re-naming of the stratigraphic units as used by Bassett can be expected. This RIGS provides a section that requires conservation for current investigations and future research.

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