

Site Name: Glyn Farm Quarry

Grid Reference: SJ 30401160

RIGS Category: Educational & Scientific

Earth Science Category: Silurian (Wenlock) Stratigraphy and Igneous

Geology 1:50,000: BGS Sheet 151, Welshpool

RIGS Statement of Interest:

Glyn Quarry provides the regionally important, easternmost section through the Mottled Mudstone Member of the mid Silurian Nantglyn Flags Formation. The rocks provide key information for reconstructing the palaeogeography of the eastern margin of the Welsh Basin, and contain shelly and graptolitic fossils crucial for dating this sequence and its lateral equivalents. Intercalations of altered volcanic ash, bentonite, gave geochemical data used to make plate-tectonic interpretations of the Welsh Basin. The quarry is adjacent to Trewern Brook, a GCR site. Together, the GCR site and RIGS reveal a continuous section through this part of the Silurian stratigraphy.

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