

Site Name: Neuadd Farm track

Grid Reference: SO 0875 6150

RIGS Category: Educational & Scientific

Earth Science Category: Ordovician (Llanvirn) Stratigraphy, Igneous Geology

Geology 1:50,000: BGS 1:50,000 Sheet 179 Rhayader

RIGS Statement of Interest:

This RIGS consists of a long track cutting that exposes the only complete section through the upper part of the Builth Volcanic Group in the northern part of the Builth Inlier. The rocks include a variety of igneous and reworked explosive volcanic deposits, including very good volcanic bombs, and a range of volcano-sedimentary structures. It is the only complete section through the upper part of the Builth Volcanic Group to the north of Gelli Hill, and records a strikingly different lithological sequence, with a higher proportion of original igneous rocks. The beds grade upwards into weathered ashy shales overlying the sequence, containing a sparse fauna of inarticulate brachiopods and graptolites. It is among the best locations in the inlier for studying the interval covering the subsidence of the main volcanic phase, and in combination with the Llandegley Rocks RIGS provides an excellent and near-complete succession through most of the igneous sequence in the area.

Surveyed by: J. P. Botting & W.R. Fitches