

Site Name: Gwernargllwyd Cutting Grid Ref: SO 1558 5978 to SO 1583 5955

RIGS Category: Educational & Scientific

Earth Science Category: Silurian (Ludlow) Stratigraphy

Geology 1:50,000: Sheet 180, Knighton

RIGS Statement of Interest:

This road cutting provides a particularly well-exposed and easily accessible section through lower parts of the Bailey Hill Formation. It includes excellent examples of the basal conglomeratic layer, which is of research interest and highly unusual, and clean exposures of siltstone beds that have been interpreted in two very different ways by researchers. The rocks have not been disturbed by slumping shortly after deposition, unlike those in the nearby Mithil Brook and Cwm Blithus potential GCR site (Siveter, 2000); the RIGS, on this basis, has advantages for sedimentologists and palaeontologists. These rocks have recently been studied by researchers at Cambridge University, following several other studies in the 1960s, and are briefly described in a well-known field guide (location 2, Woodcock & Tyler, 1993).

Surveyed by: W.R. Fitches