

Site Name: Banc Pica **Grid Reference: SN 7810368485**

RIGS Category: Scientific

Earth Science Category: Structural Geology

Geology 1:50,000: BGS Sheet 178, Llanilar

RIGS Statement of Interest:

The site comprises a group of knolls, each a few tens of metres in height, which run E-W for about 150 m and have south-facing steep flanks. In the westernmost knoll is a spectacular tight, large-scale, asymmetrical anticline which is overturned to the east; beds on the west limb are the right way up, but in the east limb they are inverted. The east limb of the anticline is also the west limb of a major syncline, also overturned to the east. These particularly well-exposed, N-S trending folds are developed in the shared limb of the regional-scale Teifi Anticline (in the west) and the Central Wales Syncline, which were produced by the Caledonian (Acadian) deformation. The folds are a focus of attention in the British Geological Survey Llanilar and Rhayader memoir (Davies et al., 1997, Fig. 23c).

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