

## Field Meeting Report: the Clee Hills, led by Tim Pearce 10<sup>th</sup> June 1987

Susan Beale<sup>1</sup>

BEALE, S. (1988). Field Meeting Report: the Clee Hills, led by Tim Pearce 10<sup>th</sup> June 1987. *Proceedings of the Shropshire Geological Society*, 7, 15. The purpose of the field meeting was to visit the igneous and sedimentary strata exposed on the Clee Hills.

<sup>1</sup>*affiliation: Member of the Shropshire Geological Society*

The group assembled at the Howard Arms, Ditton Priors, where we were met by Mr Tim Pearce. This was a convenient meeting point and we then set off in convoy to Nordey Bank where we were met by Mrs Pearce and Mrs Thom who are joint authors of a book on the Clee Hills.

We walked up a track to a quarry in red Nordeybank sandstone. These are laminated sandstones showing some channel fill. Some of the channels had mud clasts which were thought to be contemporaneous. Many of the sandstones showed a green colouring, giving an overall mottled appearance. Perhaps this green is due to contemporaneous reduction by manganese and iron.

Leaving the quarry, the party proceeded up the track and then branched off to the left to a small quarry of a rather nodular limestone which perhaps had formed from an immature soil profile. Overlying this are the green/grey sandstones of the Clee Group. These sandstones show a thin planar structure.

Crossing the bracken covered hillside, the party reached a small brook and followed it upstream to an exposure of Clee Hill group of sandstones and shales. The sandstones formed good exposures showing coarser fragments at the base, grading upwards into cross bedding and further still to finer, planar sandstone. Some pebbles from the lower coarser beds have a resemblance to material from Caradoc and the Lawley.

Climbing to the top of the Clee we viewed the dolerite sill and overlying coal which had been baked by the intrusion and fragmented easily. This had broken down to a mud. The dolerite here is much thinner than on Titterstone Clee and the sill cuts into the Devonian sediments. The coal here is thin and of poor quality.

Light was now failing and we returned to the cars. The Society is grateful to Mr Pearce for guiding us over the hill and for providing a very pleasant and informative evening.

*Disclaimer - The information contained in this account has been prepared from notes taken during the field meeting. Its sole aim is to provide a record of what was seen and provide an insight into the diversity of geology exposed on the Clee Hills. It should not be used for any other purpose or construed as permission or an invitation to visit the sites or localities mentioned.*

*Copyright Shropshire Geological Society © 1988.*

*ISSN 1750-855x*