

**CYNGOR CEFN GWLAD CYMRU  
COUNTRYSIDE COUNCIL FOR WALES**

**SITE OF SPECIAL SCIENTIFIC INTEREST CITATION**

**POWYS**

**BACH-Y-GRAIG STREAM SECTION**

**Date of Notification:** 1980, 1986

**National Grid Reference:** SO071610

**O.S. Maps:** 1:50,000 Sheet number: 147  
1:25,000 Sheet number: SO 06

**Site Area:** 1.0 ha

**Description:**

This is an important stream section in shales with ash horizons crossing the Llanvirn-Llandeilo Series boundary in graptolitic facies. In the Welsh basin it is rare for this boundary to fall within a continuous and well dated graptolite-rich sequence, more often the boundary is non-sequential or falls in a shallow benthos-dominated facies. In addition to its importance for correlation with the standard sequences of the Llanvirn and Llandeilo Series in Dyfed, this section has in recent years been the subject of the most up to date research on absolute dating. Fission-track dating methods applied to ash bands in the section give absolute dates which can be tied into the already established and refined relative dating scheme based on fossils.

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