

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

**SITE OF SPECIAL SCIENTIFIC INTEREST CITATION**

**POWYS**

**BALTIC AND TYLE'R-BONT QUARRIES**

<b><u>Date of Notification:</u></b>	1965, 1986
<b><u>National Grid reference:</u></b>	SO065115
<b><u>O.S. Maps:</u></b>	1:50,000 Sheet number: 160 1:25,000 Sheet number: SO 01
<b><u>Site area:</u></b>	6.7 ha

**Description:**

Baltic Quarry is a site showing a section through the Carboniferous Limestone, here of Courceyan-Holkerian age. The section includes the Llanelly Formation, which contains an unusual clastic facies, namely an alluvial fan development, sandwiched between a karstic surface below and peritidal limestones above. The section shows evidence of, in sequence: emergence, karstification of a limestone surface, gulying and fluvial deposition on that surface, followed by transgression and the return of normal marine conditions. This is a key site for studying stratigraphy and facies changes in Lower Carboniferous rocks.

The Tyle'r-bont quarry shows the top of the Oolite Group and Llanelly Formation of the Carboniferous Limestone. Its section complements that of Baltic Quarry. It shows a unique palaeosol development, including five calcrete horizons within the profile (the Tyle'r-bont Pedomcomplex). This lies above a palaeokarstic horizon and below peritidal limestones. Tyle'r-bont is an important site for the study of event-stratigraphy, karstification and soil profiles.

**Remarks:**

The site lies within the Brecon Beacons National Park.

*This document is **NOT** a definitive legal version and has been formatted, updated and partially edited for use on the CCW Web site. This document should not be used in any legal proceedings, public enquiry or any other hearing or appeal. If you require a full legal copy of the document please contact CCW in writing.*