

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS

MWYNGLODDFA NANTIAGO

Date of Notification: 2002

National Grid Reference: SN 827862

O.S. Maps: 1:50,000 Sheet number: 135
1:10,000 Sheet number: SN 88NW

Site Area: 2.7 ha

Description:

Mwyngloddfa Nantiago is located on the remote, eastern flank of the Plynlimon range of mountains, approximately 8km south-west of Staylittle and 10 km north-east of Ponterwyd. The extensive spoil tips at this site are of special scientific interest because they provide the finest demonstration in the Central Wales Orefield of the similarity between certain components of the late (A2) mineralization and that seen in the 'Pennine-type' orefields. Textures at Mwyngloddfa Nantiago show clearly that the mineralization developed as a crustiform, banded fissure-filling deposited on the walls of an open fracture. As a result, the ore consists of repeated layers of galena and sphalerite, with late cubic pyrite, all in a very coarsely crystalline calcite gangue. The mineralization belongs to the A2-c assemblage and this is its strongest development in the Central Wales Orefield.

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