

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS

MWYNGLODDFA CEULAN

Date of Notification: 2001

National Grid Reference: SN 8525 9775

O.S. Maps: 1:50, 000 Sheet number: 135
1:10, 000 Sheet number: SN 89 NE

Site Area: 0.19 ha

Description:

Mwyngloddfa Ceulan is located in the remote, north-eastern sector of the Central Wales Orefield, approximately 4 km north of Dylife and 6.5 km south-west of Llanbrynmair. The site is of special scientific interest because it provides the finest surface exposure of a late (A2) sulphide-bearing vein in the Central Wales Orefield. The lode, which is exposed in a pillar and reaches nearly 1 metre in width, reveals bands of quartz, galena and sphalerite in a crustiform arrangement typical of the late mineralization. The amount of sulphide is unusual and provides a valuable example of the type of ore exploited at many mines in Mid-Wales. On the footwall of the vein, strong quartz slickencryst development displays a westerly dip of approximately 60°, indicating an element of dextral wrench movement.

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