

**Site Name: Cwm Orog Mine**

**Grid Reference: SJ 052 273**

**RIGS Category:** Scientific

**Earth Science Category:** Mineralogy

**Geology 1:50,000:** BGS Sheet 136 Bala

**RIGS Statement of Interest:**

Cwm Orog is of regional importance as a primary sample resource in the northern part of the Llangynog Orefield. The orefield bears a number of resemblances to the Central Wales Orefield: at this site it features epigenetic, post-tectonic Pb-Zn-Ba dominated mineralisation occurring as massive veins filling fractures cutting Middle Ordovician strata. The paragenetic sequence of the Llangynog Orefield appears to have a similar structure to that of Central Wales, and the two orefields may be genetically related. However, little or no work, involving the application of modern research techniques, has been done on this orefield. In addition to the geological interest, Cwm Orog mine is noted for its industrial archaeology.

**Surveyed by:** J.S. Mason