

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

SWANSEA

BRACELET BAY

Date of Notification: 1964, 1986

National Grid reference: SS629872

O.S. Maps: 1:50,000 Sheet number: 159
1:25,000 Sheet number: SS 68

Site Area: 5.8 ha

Description:

Rock outcrops within this site provide excellent exposures of geological structures formed during the Variscan mountain building episode (orogeny) which took place during the Carboniferous Period. The exposures provide a cross section through the core of a major upwarped fold structure, the Langland Anticline, which extends across the whole Gower Peninsula and brings the Carboniferous limestone to the surface. This fold and its associated minor structures, such as its faults, fractures and veins, have been studied in considerable detail here and this work has made a substantial contribution to the understanding of the geological structure of the Variscan Orogeny in South Wales.