

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

**SITE OF SPECIAL SCIENTIFIC INTEREST CITATION**

**SWANSEA**

**GLAIS MORaine**

**Date of Notification:** 1979, 28 October 1986

**National Grid Reference:** SN 696005

**O.S. Maps:** 1:50,000 Sheet number: 159 and 170  
1:25,000 Sheet number: SN 60 and SN 70

**Site Area:** 90.9 ha

**Description:**

The most spectacular of the South Wales valley end-moraines occurs at Glais in the Tawe Valley. The moraine has a clear crescentic form and is thought to represent a retreat stage of the Late Devensian ice sheet, rather than its maximum limit. Exposures along the northern and western margins of the moraine shows highly variable composition of till, sand and gravel and also structural features, but the exact mode of formation of the moraine has not been determined. The Glais moraine has been responsible for local diversion of the River Tawe westwards.