

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

SWANSEA

ILSTON QUARRY

Date of Notification: 1958, 1986

National Grid Reference: SS 555906

O.S. Maps: 1:50,000 Sheet number: 159
1:25,000 Sheet number: SS 59

Site Area: 5.2 ha

Description:

This locality exhibits a fine section through the Oxwich Head Limestone of the Carboniferous Limestone. Characteristic of this late Dinantian unit is evidence of periods of marine submergence alternating with phases of emergence, the latter resulting in karstification and/or soil formation. Here can be seen several emergent surfaces resting on marine limestones, with pseudobreccias, soils, and coaly horizons above some of the palaeosols, all evidence of regular and frequent changes of sea level. This is an excellent locality for the demonstration of sea-level changes and the study of facies in late Dinantian times.

Remarks:

Within Gower AONB.

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