

**County:** Dorset      **Site Name:** Frogden Quarry

**District:** West Dorset

**Status:** Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981 (as amended).

**Local Planning Authority:** Dorset County Council, West Dorset District Council

**National Grid Reference:** ST 649183      **Area:** 0.2 (ha) 0.5 (ac)

**Ordnance Survey Sheet 1:50,000:** 183      **1:10,000:** ST 61 NW

**Date Notified (Under 1949 Act):** 1954      **Date of Last Revision:** 1977

**Date Notified (Under 1981 Act):** 1986      **Date of Last Revision:** –

**Other Information:**

Site boundary amended by deletion.

**Description and Reasons for Notification:**

Frogden Quarry is an internationally important geological locality demonstrating features of very considerable stratigraphical significance. This is the only site in Southern England where rocks of the *humphriesianum* and *subfurcatum* zones of the Bajocian (Middle Jurassic) are exposed in any thickness as a complete succession. The site has produced most of the type fossils (in this case ammonites) from which the *humphriesianum* and *subfurcatum* zones were defined. Elsewhere the time intervals represented by these zones are normally missing or occur in attenuated form. The Frogden section is therefore of particular importance as an international reference site and as a source of type fossils. The study of stratigraphy is fundamental to the exploration and appraisal of the world's mineral resources.