COUNTY: OXFORDSHIRE SITE NAME: SHELLINGFORD CROSSROADS QUARRY

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act

1981

Local Planning Authorities: Vale of White Horse District Council

National Grid Reference: SU326942

Ordnance Survey Sheet 1:50,000: 164 1:10,000: SU39 NW

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

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

Area: 2.6 ha 6.4 ac

Other information: Boundary revised in 1970.

Description and Reasons for Notification

An outstanding extensive section in Corrallian rocks of Oxfordian age spanning the Highworth Grit, Third Trigonia Bed, Urchin Marls and Coral Rag. The latter unit is well known for its abundant *in situ* coral growths and reef-dwelling bivalves, but the site is equally important for its illustration of the complexities of Oxfordian stratigraphy in the Oxford area, and in showing the best available section through the Highworth Grit-Coral Rag rock interval. The pebble bed immediately above the Grit marks a significant and widespread regional non-sequence pre-dating a period of oolitic limestone deposition which can be correlated with the Osmington Oolite of Dorset.



Nature on t



© Crown copyright. All rights reserved. Natural England 100046223, 2007.