

**County:** Humberside                      **Site Name:** Conesby (Yorkshire East) Quarry

**District:** Glanford

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

**Local Planning Authority:** Humberside County Council, Glanford District Council

**National Grid Reference:** SE 903148

**Area:** 0.99 (ha)

**Ordnance Survey Sheet 1:50,000:** 112

**1:10,000:** SE 91 SW

**Date Notified (Under 1981 Act):** 23 March 1995

**Date of Last Revision:** –

**Other Information:**

This is a Geological Conservation Review site.  
Site boundary alteration (extension and deletion).

**Description and Reasons for Notification:**

This site is one of the last remaining exposures of Frodingham Ironstone and has yielded the richest known faunas from that unit. Bivalves are abundant and well preserved echinoderms also occur. Of particular international importance however, are the well preserved ammonite faunas indicating the *Stellare* and *Denotatus* subzones of the Upper Sinemurian. These faunas indicate several faunal “Horizons” (effectively sub-zones) including the *blakei* Horizon – a key reference level for European Upper Sinemurian correlations. Conesby is one of the only two localities in Britain where this fauna is well documented. Sedimentologically and palaeoecologically, Conesby is important to research on the genesis of the economically important Frodingham Ironstone. Stratigraphically and taxonomically it is a key site for studies of European Sinemurian ammonite and bivalve faunas.

Overlying the Frodingham Ironstone is a sequence of mudrocks of the Upper Sinemurian age, the Coleby Mudstone formation. These are in turn capped by windblown sands of Pleistocene age (Cover Sands).