

COUNTY: KENT            SITE NAME: GREATNESS BRICKWORKS

DISTRICT: SEVENOAKS

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

Local Planning Authority: SEVENOAKS DISTRICT COUNCIL

National Grid Reference: TQ 535578    Area: 7.5 (ha.) 18.5 (ac.)

Ordnance Survey Sheet 1:50,000: 188    1:2,500: TQ 5357 (plan)

Date Notified (Under 1949 Act): 1968    Date of Last Revision: 1981

Date Notified (Under 1981 Act): 1987    Date of Last Revision: –

Other Information:

This is a 'Geological Conservation Review' site.

Reasons for Notification:

This pit is a classic Cretaceous ammonite locality and is of vital importance in biostratigraphic research on the Gault of the Weald. The celebrated and extremely fossiliferous '*lautus* Zone nodule bed' which represents local condensation (thin, very slowly deposited beds), and containing faunal elements of *nitidus*, *daviesi* and *cristatum* Subzone ages, is well exposed near the top of the succession. The *lautus* Zone Gault is absent or greatly attenuated over much of the Weald and therefore its presence here fills a considerable gap in the local succession.