

COUNTY: KENT SITE NAME: BAKERS HOLE

BOROUGH: DARTFORD

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

Local Planning Authority: Dartford Borough Council

National Grid Reference: TQ 612741 Area: 6.50 (ha.) 16.06 (ac.)

Ordnance Survey Sheet 1:50,000: 177 1:10,000: TQ 67 SW

Date Notified (Under 1949 Act): 1951 Date of Last Revision: 1981

Date Notified (Under 1981 Act): 1989

Other Information:

This site will be noted in 'A Geological Conservation Review'. The site lies within the Dartford Green Belt. Alterations to the area previously notified include three minor deletions together with three minor and one major extension. Part of the site has been designated as an ancient monument.

Description:

A key Pleistocene site exposing a complex sequence of periglacial and temperate climate deposits, including solifluction, freshwater and possible estuarine deposits. These are associated with the Ebbsfleet Valley, and they have yielded mammals, molluscs, and two different palaeolithic industries. The first of these is a well established flake industry, while the second has included worked bone fragments. The interdigitation of solifluction (slope) deposits and temperate freshwater sediments implies that more than one glacial period is represented but research so far has failed to provide sound evidence for relating the Ebbsfleet deposits and their associated industries to either the Pleistocene chronological sequence or to the Thames Terraces. The solution of this problem is of high priority and the Bakers Hole site is likely to receive considerable attention in the future.