

File ref:

County: Devon **Site Name:** Five Oaks, Bampton

District: Mid-Devon

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

Local Planning Authority: Devon County Council, Mid-Devon District Council

National Grid Reference: SS 950221 **Area:** 0.6 (ha) 1.5 (ac)

Ordnance Survey Sheet 1:50,000 181 **1:10,000** SS 92 SW, SE

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

Date Notified (Under 1981 Act): 1985 **Date of Last Revision:** –

Other Information:

A new site.

Description:

This is the most informative of the few localities in Devon to expose a conformable boundary between very different Lower and Upper Carboniferous sedimentary sequences. Fossils from here, and other exposures around Bampton, indicate that this important transition occurred during late Viséan times. Fine-grained limestones, accumulating in deep water, became inundated by black muds and sands which effectively infilled the marine basin and eventually brought about a change to shallow water, deltaic conditions. The source of the coarse sediment was a large, eroding landmass situated in the region of mid- and north Wales. An important site in the palaeogeographic and sedimentary analysis of Carboniferous rocks in southern Britain.