

COUNTY: DERBYSHIRE

SITE NAME: DOE LEA STREAM SECTION

DISTRICT: BOLSOVER, NORTH EAST DERBYSHIRE

SITE REF: 15 WG2

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

Local Planning Authority: DERBYSHIRE COUNTY COUNCIL, Bolsover District Council, North East Derbyshire District Council

National Grid Reference: SK 460692

Area: 0.1 (ha.) 0.3 (ac.)

Ordnance Survey Sheet 1:50,000: 120

1:10,000: SK 46 NE

Date Notified (Under 1949 Act):

Date of Last Revision:

Date Notified (Under 1981 Act): 1988

Date of Last Revision:

Other Information:

New site.

Description and Reasons for Notification:

This site shows an internationally significant section through the Upper Coal Measures of the Carboniferous. This section includes the Aegiranum Marine Band, a critical marker horizon which can be traced across Europe. This Band and its marine fauna are evidence of a comparatively shortlived but very widespread marine flooding of Late Carboniferous land masses. The site has been proposed as the standard section (boundary stratotype) for the base of the Westphalian C stage as a replacement for Stairfoot Brickworks. The site's correlatable shelly fauna is unrivalled in other rare surface outcrops of such Westphalian rocks. This and its uses as a reference section make Doe Lea one of Britain's most important geological sites.