

COUNTY: SHROPSHIRE

SITE NAME: BUILDWAS SAND QUARRY

DISTRICT: Shrewsbury & Atcham

SITE REF: 15WE5

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

Local Planning Authority: SHROPSHIRE COUNTY COUNCIL, Shrewsbury & Atcham Borough Council

National Grid Reference: SJ 644041, SJ 646041 Area: 0.13 (ha.) 0.3 (ac.)

Ordnance Survey Sheet 1:50,000: 127 1:10,000: SJ 60 SW

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

Date Notified (Under 1981 Act): 22/12/92 Date of Last Revision: –

Other Information:
New site.

Description and Reasons for Notification:

Buildwas is important in the context of the palaeohydrology of the River Severn. The site is located in the area of the most extensively preserved alluvial terrace deposits of the Severn and includes the lower suite of terraces and the floodplain terrace. The terraces have been related to the glacial chronology, but it is clear that the controls on terrace development have been complex, particularly during the Late Devensian and the Devensian Late-glacial. Thus the Devensian terraces have been associated with the discharge through the Ironbridge gorge of glacial lake waters concurrent with base-level induced alluviation in the lower reaches. The combination of morphological and sedimentary evidence makes Buildwas a key locality for palaeohydrology.