

COUNTY: PEAK DISTRICT, DERBYSHIRE SITE NAME: ROWLEE BRIDGE

DISTRICT: HIGH PEAK SITE REF: 15 W0Z

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

Local Planning Authority: PEAK PARK JOINT PLANNING BOARD, High Peak Borough Council

National Grid Reference: SK 147892 Area: 1.1 (ha.) 2.7 (ac.)

Ordnance Survey Sheet 1:50,000: 110 1:10,000: SK 18 NW

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

Date Notified (Under 1981 Act): 1986 Date of Last Revision: –

Other Information:
New site.

Reasons for Notification:

At this site, Edale Shales and Mam Tor Sandstones, of Upper Carboniferous age, on the southern bank of the River Ashop are thrown into sharp, symmetrical, straight-limbed folds. The process giving rise to these structures is known as valley bulging and occurs where soft strata (in this case the Edale Shales) are forced upwards in a valley by the weight of the overlying hill masses, on either side. The folding results from the compression and buckling of the strata during the bulging process. This site shows what are probably the best examples of such structures currently known in Britain.