

## Goitstock Waterfall, Cullingworth

STATUS: Local Geological Site

OTHER DESIGNATIONS: Local Wildlife Site

COUNTY: West Yorkshire

DISTRICT: Bradford

OS GRID REF SE 077 367

OS SHEET 1:50,000 Landranger 104 Leeds and Bradford

OS SHEET: 1:25,000 Outdoor Leisure 21 South Pennines

BGS Geological 1:50,000 Sheet 69 Bradford (Solid and Drift Edition)

FIRST DESIGNATED by West Yorkshire RIGS Group in 1996

DATE OF MOST RECENT SURVEY West Yorkshire Geology Trust in February 2009

SCIENTIFIC INFORMATION produced by Neil Aitkenhead

DESIGNATION SHEET UPDATED August 2009



### SITE DESCRIPTION

This is a fine example of waterfall formation by the differential weathering of the Upper Carboniferous Midgley Grit (formerly the Woodhouse Grit) and softer underlying sandy shales. The waterfall lies in a beautiful wooded amphitheatre where the boundary of the grits and shales is clearly exposed and is accessible. The gritstones contain interesting structures, including sets of cross lamination and a sharp erosive base. Goitstock Wood is recognised as having ecological importance.

### HISTORICAL ASSOCIATIONS:

#### EDUCATIONAL VALUE:

The site is suitable for small parties of students at all levels, wishing to study the relationship between geology and landforms.

#### AESTHETIC CHARACTERISTICS:

The falls lie in an area of pleasant woodland which has a high amenity value.

#### ACCESS AND SAFETY:

Although containing good paths, Goitstock Wood has steep valley sides, slippery rocks and deep water beneath the falls which are potentially hazardous. The site is only suitable for small, well supervised parties. Suitable footwear is essential.

Park in Cullingworth and walk along the B6144 to the track leading NE to Hallas Bridge. Take the footpath along the east side of Harden Beck which leads to the falls. Alternatively park near the SE end of Greenside Lane just before it meets Hallas Lane at a T junction.