

## **Eldwick Crag and Quarry**



STATUS: Local Geological Site

OTHER DESIGNATIONS:

COUNTY: West Yorkshire

DISTRICT: Bradford

OS GRID REF. (SE 124 423) (Lower quarry) and (SE 123 423) (Harthill Cock)

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

OS SHEET 1:25,000 Explorer 297 Lower Wharfedale and Washburn Valley

BGS 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 August 2010

SCIENTIFIC INFORMATION produced by Neil Aitkenhead

DESIGNATION SHEET UPDATED August 2010

### **SITE DESCRIPTION:**

This site is a disused quarry and a wind eroded crag on Bingley Moor. There are massive beds of the Upper Carboniferous Namurian Rough Rock sandstones in the quarry, which show large scale cross bedding. The rock stack shows cross bedding which has been etched out by wind erosion.

### **HISTORICAL ASSOCIATIONS:**

### **EDUCATIONAL VALUE:**

This is a good site for demonstrating styles of cross bedding, measuring current directions and for interpreting a depositional environment.

### **AESTHETIC CHARACTERISTICS:**

Excellent views are obtained from the Crag across the middle Aire Valley which can be linked to the underlying geology and geomorphological processes.

### **ACCESS AND SAFETY:**

The site is perfectly safe given normal precautions that should be taken when in the vicinity of vertical faces. There does not appear to be any loose rock on the faces but there is plenty of spoil to examine at the entrance to the quarry. Limited parking is possible on the roadside but would be better in the adjacent public house (Dick Hudson's - the Fleece) car park. Access to the site from the road is by public footpath.