

Date Notified: 15 January 1990

File ref: (WY) SE 43/2

County: West Yorkshire **Site Name:** Micklefield Quarry

District: Leeds

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

Local Planning Authority: Leeds City Council

National Grid Reference: SE 446325 **Area:** 0.6 (ha) 1.5 (ac)

Ordnance Survey Sheet 1:50,000: 105 **1:10,000:** SE 43 SW

Date Notified (Under 1949 Act): 1970 **Date of Last Revision:** –

Date Notified (Under 1981 Act): 1990 **Date of Last Revision:** 1989

Other Information:

The boundary of the site has been amended at renotification by partial deletion.

Description:

This quarry lies close to residential houses in New Micklefield, a mining locality close to the Magnesian Limestone between Leeds and Selby. Landscaping operations have helped it to become an attractive feature of the neighbourhood.

It is an important site showing around 17 metres of Zechstein rocks. These include representative members of the Cadeby Formation lying above a discontinuity, the Hampole discontinuity. The limestones of the Wetherby Member are algal laminated fenestral ooid grainstones with crusts and rip-up clasts and are overlain, above clays and grainstones, by grainstones of an offshore sand-wave facies, which represent the Sprotborough Member. This is an interesting site for studies of facies and stratigraphy in the Late Permian Marine rocks of north-east England.