

COUNTY: PEAK DISTRICT, DERBYSHIRE SITE NAME: WYNS TOR

DISTRICT: HIGH PEAK

SITE REF: 15 WMB

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

Local Planning Authority: PEAK PARK JOINT PLANNING BOARD, West Derbyshire District Council

National Grid Reference: SK 241603

Area: 3.1 (ha.) 7.7 (ac.)

Ordnance Survey Sheet 1:50,000: 119

1:10,000: SK 26 SW

Date Notified (Under 1949 Act): 1972

Date of Last Revision: 1972

Date Notified (Under 1981 Act): 1986

Date of Last Revision: –

Other Information:

Site boundary modified (extension).

Description and Reasons for Notification:

Wyns Tor is important for studies of rock weathering, periglacial processes and landscape evolution in the Pennines. It is the best example of the distinctive dolomite tors of the Pennines. Their origin during the Pleistocene has been explained in terms of a simple two-stage process involving intensive chemical weathering followed by removal of the weathered detritus by ice or periglacial action. However the present features probably reflect a long and complex evolution under successive glacial, periglacial and interglacial environments of the Pleistocene. At present the tors are slowly weathering through the effects of frost action, tree-root penetration and humic acids in the soil.