

Notification Date: 3 June 1987

COUNTY: GLOUCESTERSHIRE

SITE NAME: LAND GROVE QUARRY,  
MITCHELDEAN

DISTRICT: FOREST OF DEAN

SITE REF: 15 WWW

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

Local Planning Authority: GLOUCESTERSHIRE COUNTY COUNCIL, Forest of Dean District Council

National Grid Reference: SO 672185

Area: 3.8 (ha.) 9.4 (ac.)

Ordnance Survey Sheet 1:50,000: 162

1:10,000: SO 61 NE

Date Notified (Under 1949 Act): 1974

Date of Last Revision: 1974

Date Notified (Under 1981 Act): 1987

Date of Last Revision: –

Other Information:

Site boundary alteration (reduction).

Description and Reasons for Notification:

This site shows extensive quarry-face exposures in the Brownstones of the Old Red Sandstone (late Lower Devonian). The sequence of interbedded muds, silts, sandstones and conglomerates contrasts with the predominantly sandstone sequences higher in the Brownstones and the mud-rich sequences of the Red Marls below. In South Wales the size of the rivers appears to have increased during Lower Old Red Sandstone times and the proportion of preserved channel sands in the deposits of this period likewise increased. This quarry contains a sequence which illustrates an intermediate stage in this progression. Several scientific papers have referred to the fluvial sand-bodies and soil-profiles exposed in this quarry. This site is also geologically important for the fossil fish remains it has yielded which are exceptionally rare in rocks of this age in the Welsh Borders and South Wales area.