

CITATION

**MOLLINSBURN ROAD CUTTING
SITE OF SPECIAL SCIENTIFIC INTEREST**
North Lanarkshire

Site code: 1177

NATIONAL GRID REFERENCE: NS 712717; NS 713717; NS 715717; NS 717717.

OS 1:50,000 SHEET NO: Landranger Series 64
1:25,000 SHEET NO: Explorer Series 349

AREA: 1.32 hectares

NOTIFIED NATURAL FEATURES

Geological: Igneous petrology: Carboniferous-Permian Igneous

DESCRIPTION

Mollinsburn Road Cutting is located approximately 5km southwest of central Cumbernauld and consists of four discrete sections intersected by roads and a track.

Among the manifestations of volcanic activity of Carboniferous age in Scotland, this site illustrates the finest example of a linear dyke swarm in Britain. The individual dykes share an overall east-west trend; the example excellently exposed at Mollinsburn – the Lenzie-Torphichen dyke, which has an average breadth of 40 metres – can be traced for more than 40 kilometres and is approximately 295 million years old. The dykes are basaltic in composition but show more chemical similarities to the great sill, which underlies much of the central Midland Valley of Scotland, than to the lavas.

NOTIFICATION HISTORY

First notified under the 1981 Act: 26 August 1988
Notification reviewed under the 2004 Act: 23 April 2009
Part denotification notified under the 2004 Act: 15 January 2019 with a 0.21 ha reduction in area.

REMARKS

Area of site reduced from 1.53 ha to 1.32 ha