

COUNTY: CHESHIRE SITE NAME: FRODSHAM RAILWAY & ROAD CUTTINGS

DISTRICT: Vale Royal SITE REF: 15WBM

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

Local Planning Authority: CHESHIRE COUNTY COUNCIL, Vale Royal Borough Council

National Grid Reference: SJ 518774, SJ 520780, SJ 519781 Area: 0.9 (ha.) 2.2 (ac.)

Ordnance Survey Sheet 1:50,000: 117

1:10,000: SJ 57 NW

Date Notified (Under 1949 Act): 1979

Date of Last Revision: 1979

Date Notified (Under 1981 Act): 1990

Date of Last Revision: –

Other Information:

Site boundary alteration (extension and reduction). Site formerly known as Frodsham Railway Cutting.

Description and Reasons for Notification:

The site consists of three separate exposures of the Frodsham Member, a sequence of sandstones representing the upper part of the Triassic Helsby Sandstone Formation. Sedimentary structures present include large-scale cross-bedding interpreted as having been formed in large dome-shaped and transverse desert dunes. Foreset orientations in these dunes indicate that the winds responsible for their formation blew from the east and southeast. At Pinmill Brow the desert dunes are overlain by the Tarporley Siltstone Formation which had a very different origin, being laid down by either marine intertidal or fluvial deposition.