

County: Lancashire **Site Name:** Trowbarrow
Quarry

District: Lancaster

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

Local Planning Authority: Lancaster City Council

National Grid Reference: SD 481759 **Area:** 7.03 (ha) 17.37 (ac)

Ordnance Survey Sheet 1:50 000 97 **1:10 000** SD 47 NE

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

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

Other Information:

1. This is a new site.
2. The site lies within the Arnside–Silverdale AONB.
3. The site is immediately adjacent to Hawes Water SSSI.

Description and Reasons for Notification:

Trowbarrow Quarry, which is disused, lies 1g km east of Silverdale and affords a most interesting section through the Lower Carboniferous Urswick Limestone (Asbian Stage). It shows a variety of carbonate lithologies of outstanding interest for the light they throw on aspects of carbonate sedimentology and diagenesis. The site lies on the southern margins of the Dinantian Northern England Platform, and a variety of sedimentary types and features occur, including palaeokarstic surfaces, clay wayboards, coals, stromatolites, oncolites, pseudobreccias, as well as more normal marine carbonates with shelly faunas. This is an outstanding locality for the study of later Dinantian (Asbian–Brigantian) faunas and sedimentary environments.