File ref:

County: **Leicestershire** **Site name: Newhurst Quarry**

District: **Charnwood**

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

Local Planning Authority: Charnwood Borough Council

National Grid Reference: SK 486180 **Area:** 9.1 (ha) 22.4 (ac)

Ordnance Survey Sheet 1: 50 000: 129 **1: 25 000:** SK 41 NE

Date Notified (Under 1949 Act): 1981 **Date of Last Revision:**

Date Notified (Under 1981 Act): 1984 **Date of Last Revision:** -

Other Information:

Reasons for Notification:

Newhurst Quarry is the only British site where pre-existing hypogene mineralisation, originating from ascending mineral-rich fluids in pre - Triassic times, has been notified by weathering and re-sedimentation during Triassic times, some 225 million years ago. No other locality in Britain shows such effects, and Newhurst Quarry is the only British occurrence of the minerals Coulsonite (a vanadium-rich variety of magnetite) and Vesignieite (a complex hydrated copper-barium-vanadium mineral).