Warwickshire Geological Conservation Group

Warwickshire Local Geological Site		
Site No: 30	Rock Mill Quarry	
Geological Formations	Bromsgrove Sandstone Formation (Triassic)	
Criteria Form		p 2
Description		p 3
Photographs		p 4
Location Map		p 5

Local Geological Sites (LoGS), designated by locally developed criteria, are currently the most important places for geology and geomorphology outside statutorily protected land such as Sites of Special Scientific Interest (SSSI). The designation of LoGS is one way of recognising and protecting important Earth science and landscape features for future generations to enjoy.

WGCG is responsible for the identification of LoGS in Warwickshire and the West Midlands.

Please note that designation of a site as a LoGS does not confer a legal right of access. Unless the site is on a designated public right-of-way, the landowner's permission is required before visiting.

Warwickshire Local Geological Site - Criteria Form

Site name: Rock Mill Quarry	**Also known as:** Old Quarry, Milverton		
District: Warwick	**County:** Warwickshire		
Grid reference: SP3013 6623 to 3012 6633	**LoGS Number:** 30	**ESCC Class:**	ED

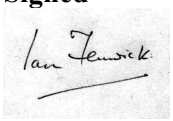
Brief Description: A disused sandstone quarry next to the River Avon. This site provides excellent exposures in the Bromsgrove Sandstone Formation of the Triassic Sherwood Sandstone Group.

This site qualifies as a Local Geological Site for the following criteria:

A Good Example of large scale sedimentary structures; also lateral facies variation in the Bromsgrove Sandstone [in conjunction with Milverton Section, R. Avon (29)]

Educational Fieldwork					
1. Educational Potential	✓	2. Physical access	✓	3. Safety	✓
Scientific Study					
1. Diversity of interest		2. Rarity of interest		3. Size of feature	✓
4. Typicalness of feature	✓	5. Geological/physiographic linkage to: *Coten End Quarry SSSI, Guy's Cliffe SSSI, Quarryfield House Quarry (25), Milverton Section, R. Avon (29), Baginton Garden Centre (43), N. Woodloes Quarry (81)*			✓
Historical Value					
1. Celebrity link		2. Pioneering research		3. Historical link	
Aesthetic Value In The Landscape					
1. Local importance in the landscape	✓	2. Promotion of Earth science			✓

Signed



I M Fenwick, Chairman,
Warwickshire Geological Conservation Group

Date first selected February 1992	
Reviewed by LoGS panel Oct. 2009	
Further survey required	
LoGS Confirmed	✓

Endorsed by

Warwickshire Museum

J Radley, Keeper of Geology

Natural England

J A Irving, Conservation Adviser

In the event of any development or planning consultation relating to this site or its surrounds please inform:
The LoGS Officer WGCG, c/o Keeper of Geology, Warwickshire Museum, Market Place, Warwick CV34 4SA (tel: 01926-418182)

WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP
LOCAL GEOLOGICAL SITE (LoGS)

Site	30	Rock Mill Quarry
Parish		Leamington
District		Warwick
County		Warwickshire
National Grid Reference		SP 3013 6623 to 3012 6633
Ordnance Survey Sheets 1:50000 **1:10000**		140 SP 36 NW

Location

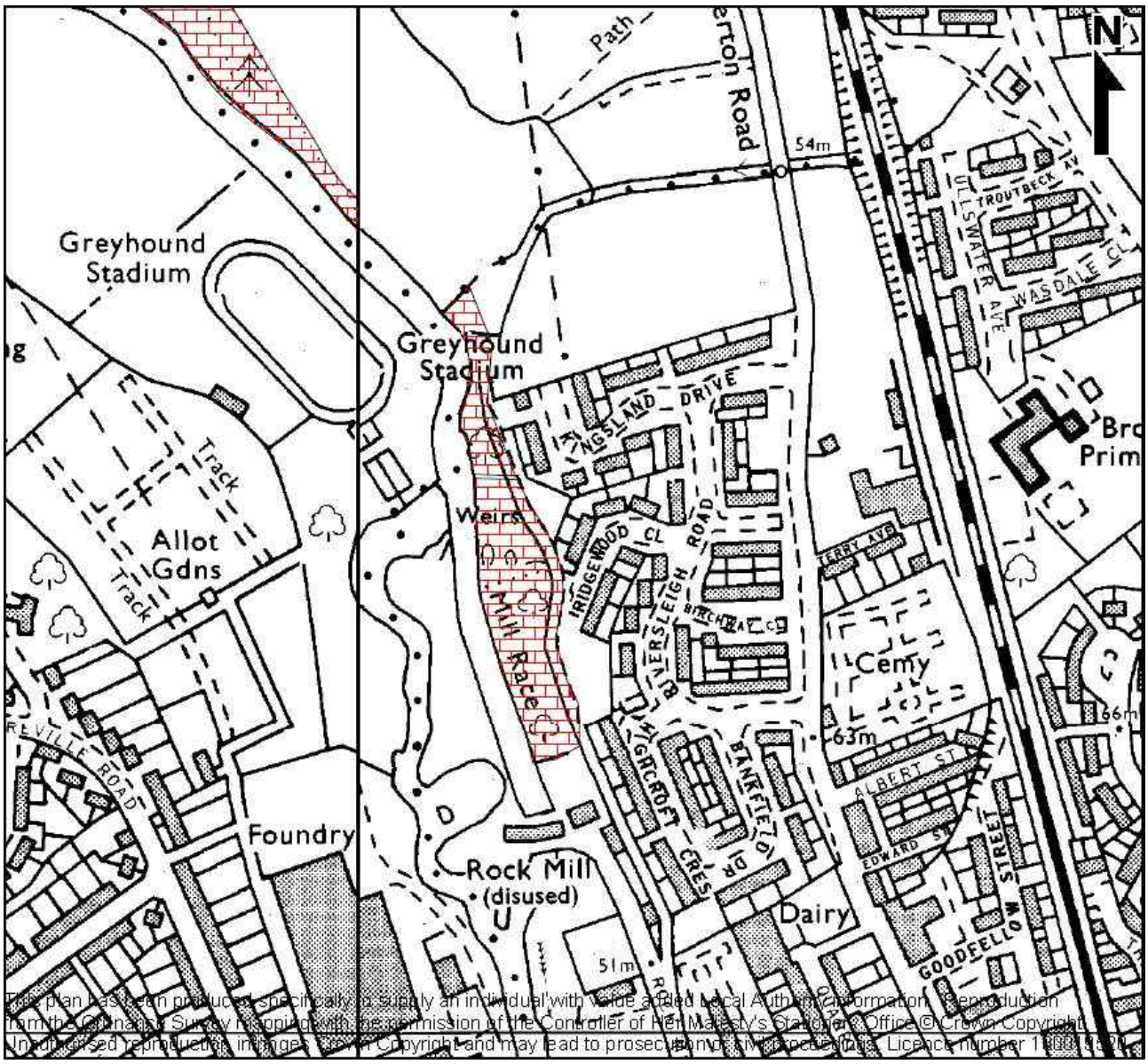
A disused sandstone quarry next to the River Avon. The floor is overgrown with mature vegetation. The faces are up to 8m in height and are clearly exposed. The approach route is along Rock Mill Lane which is on the N side of the Rugby Road close to its junction with Warwick New Road.

Summary of Interest

This site provides excellent exposures in the Bromsgrove Sandstone Formation of the Triassic Sherwood Sandstone Group. The faces reveal pale soft, buff coloured sandstones and intraformational breccias and conglomerates, with occasional red-green mudstone beds up to 0.5m thick. The sandstones and breccias are of the "scour and fill" type with the breccias tending to occur towards the bottom of the infilled channels. The cross-bedding is particularly excellent while extensive examples of various types of deformational structures are evident. The N. end of the section is badly overgrown (2009).

Compared with the Milverton Section (29) the sandstones are generally coarser and therefore the two sites demonstrate the extent of lateral facies variation in the Bromsgrove Sandstone Formation. The stone used to build the "new" Warwick Castle Bridge came from this site according to Field, W (1815), *An historical and descriptive account of the Town and Castle of Warwick etc.* The site has considerable educational potential at all levels.


C8 EUR
Private parking



This plan has been produced specifically to supply an individual with wide area local Authority information. Reproduction from the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Licence number 100019284

Link to Resurveyed LoGS document
http://lgs.wgcg.co.uk/LoGS30-Resurvey.pdf