

Warwickshire Geological Conservation Group

Warwickshire Local Geological Site	
Site No: 95	Newbold Quarry
Geological Formations	Blue Lias Formation (Jurassic)
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: Newbold Quarry	Also known as:		
District: Rugby	County: Warwickshire		
Grid reference: SP 4945 7695 & 4955 7701	LoGS Number: 95	ESCC Class:	ED

Brief Description: An inaccessible 4m vertical section in the alternating mudstones and fine-grained limestones of the Rugby Limestone Member of the Blue Lias Fmn., together with an accessible area of spoil with frequent *Gryphaea* and crinoid ossicles.

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

A Good Example of a site in the Rugby Limestone Member with recognised public access.

Educational Fieldwork **this refers to the western part of the site only*

1. Educational Potential	✓	2. Physical access	✓*	3. Safety	✓*
--------------------------	---	--------------------	----	-----------	----

However, if boat work is envisaged, all customary precautions MUST be taken.

Scientific Study	Scientific Study	Scientific Study	Scientific Study	Scientific Study
1. Diversity of interest	✓	2. Rarity of interest		

4. Typicalness of feature

Historical Value	Historical Value	Historical Value	Historical Value	Historical Value
1. Celebrity link				

Aesthetic Value In The Landscape	Aesthetic Value In The Landscape	Aesthetic Value In The Landscape
1. Local importance in the landscape	✓	

1. Local importance in the landscape	✓
	Date first selected 8th March 2007
	Reviewed by LoGS panel Oct. 2009
	Further survey required

Endorsed by

Warwickshire Museum

Natural England

J Radley, Keeper of Geology

J A Irving, Conservation Adviser

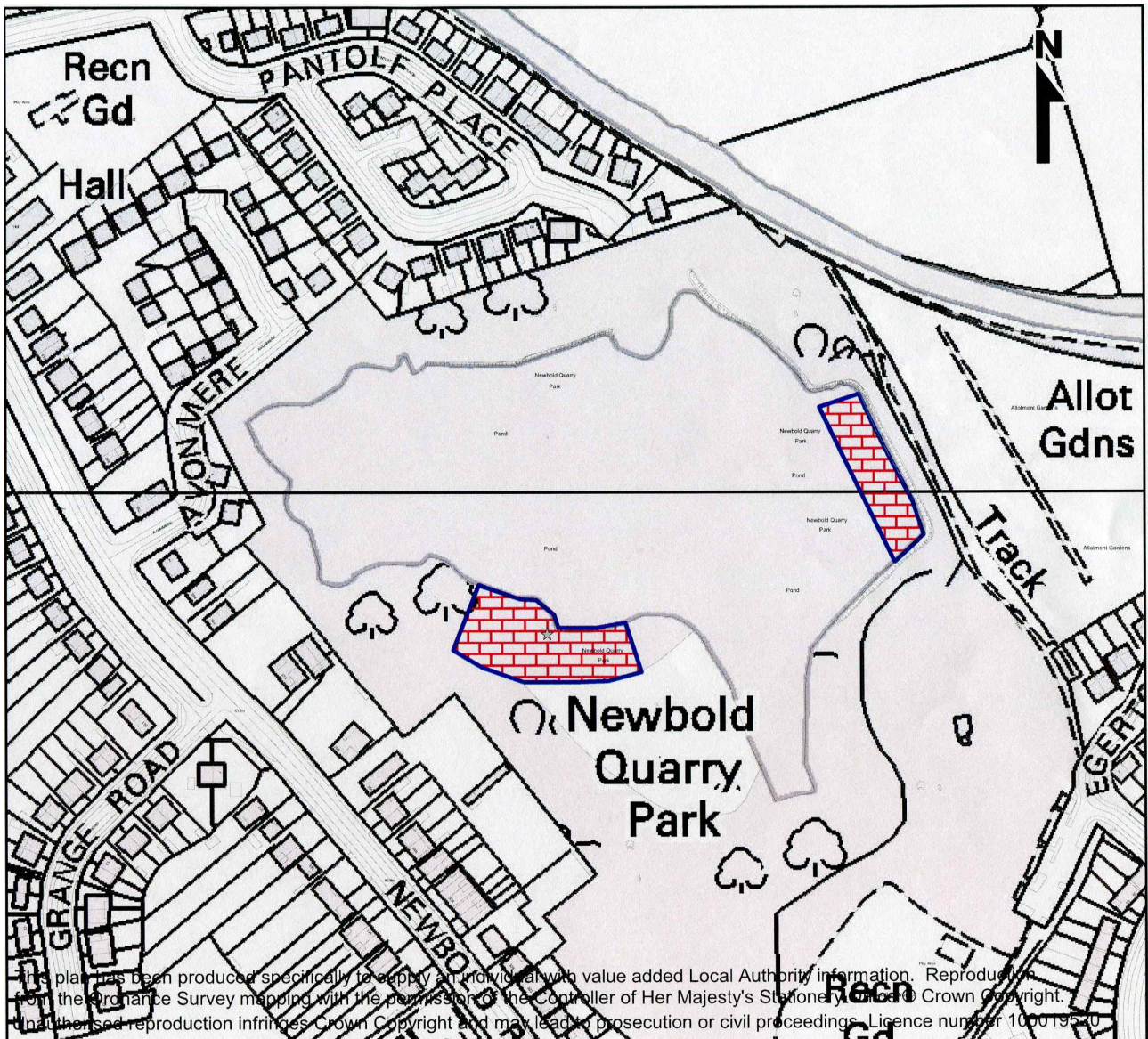
**WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP
LOCAL GEOLOGICAL SITE (LoGS)**

Site	95	Newbold Quarry
Parish		Newbold-on-Avon
District		Rugby
County		Warwickshire
National Grid Reference		SP 4945 7695 & 4955 7701
Ordnance Survey Sheets 1:50000		140
1:10000		SP 47SE

Location
The site(s) comprises two sections of the former cement quarry, now flooded and administered as a nature reserve by the Warks. Wildlife Trust. Access to the quarry is via public footpaths although the in situ section can only be reached by boat. The spoil material which could form a valuable 'fossil hunting area' is adjacent to the footpath which runs around the lake.

Summary of Interest
A former cement quarry within the Rugby Limestone Member of the Lower Jurassic Blue Lias Formation. Though the exposures are flooded & inaccessible, the faces allow a clear appreciation of the Rugby Limestone succession of alternating mudstones and limestones, variously attributed to primary (sedimentological) and secondary (diagenetic) processes. <i>Ex situ</i> clay and limestone debris, accessible on site, has yielded a number of typical Rugby Limestone fossils including oysters (<i>Gryphaea</i>) and crinoid ossicles.





Link to Resurveyed LoGS document
<http://lgs.wgcg.co.uk/LoGS95-Resurvey.pdf>