

# Warwickshire Geological Conservation Group

Warwickshire Local Geological Site	
Site No: 31	Southam Cement Quarry
Geological Formations	Blue Lias Formation (Jurassic)
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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

<b>Site name:</b> Southam Cement Quarries	<b>Also known as:</b> Long Itchington Quarry
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<b>District:</b> Stratford-on-Avon	<b>County:</b> Warwickshire
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<b>Grid reference:</b> SP4190 6300 (centroid)	<b>LoGS Number:</b> 31	<b>ESCC Class:</b>	ED
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**Brief Description:** A large disused cement quarry about 1km north of Southam. This large quarry provides good exposures of the lower portion of the Rugby Limestone Member of the Blue Lias Formation. The faces show the classic alternating sequence of limestones and shales. Fossils are abundant and varied.

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

**A Good Example of** the lower part of the Rugby Limestone Member

### Educational Fieldwork

1. Educational Potential	✓	2. Physical access	✓	3. Safety	✓
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### Scientific Study

1. Diversity of interest		2. Rarity of interest		3. Size of feature	✓
4. Typicalness of feature	✓	5. Geological/physiographic linkage to: <i>Parkfield Road Quarry (21), Southam Bypass Cutting (83), Newbold Quarry (95)</i>			✓

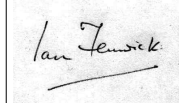
### Historical Value

1. Celebrity link		2. Pioneering research: <i>A. Smith (2008)</i>	✓	3. Historical link	
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### Aesthetic Value In The Landscape

1. Local importance in the landscape		2. Promotion of Earth science			
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### 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**

**Natural England**

J Radley, Keeper of Geology

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)

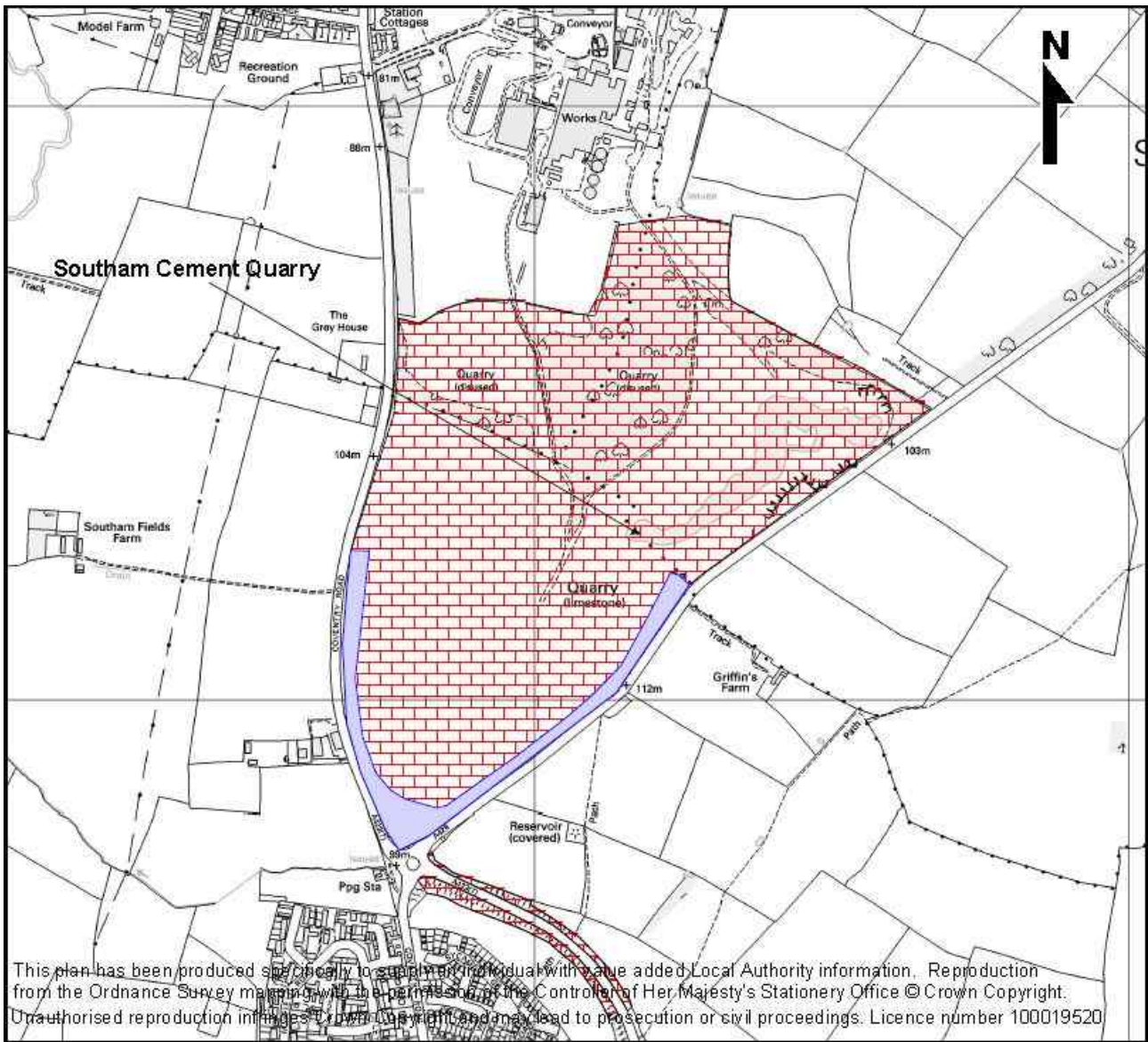
**WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP  
LOCAL GEOLOGICAL SITE (LoGS)**

<b>Site</b>	31	Southam Cement Quarry
<b>Parish</b>	Southam	
<b>District</b>	Stratford-on-Avon	
<b>County</b>	Warwickshire	
<b>National Grid Reference</b>	SP 4190 6300	
<b>Ordnance Survey Sheets 1:50000</b>	151	
<b>1:10000</b>	SP 46 SW	

<b>Location</b>
A large disused cement quarry about 1km N of Southam. The entrance to the quarry is off the A423 Southam to Coventry road on the E side close to the railway bridge and Long Itchington Model Village.

<b>Summary of Interest</b>
<p>Before flooding, this large quarry provided the best exposures in the County of the lower part of the Blue Lias Formation. The faces show the classic alternating sequence of limestones and shales. Fossils are abundant and varied, especially of the invertebrates. In the early 1990s, in the SE corner of the site a section was revealed which cut through to the Saltford Shale Formation yielding bones of marine reptiles. Subsequently, stone was removed right down to the underlying Trias, Penarth Group, Lilstock Formation providing a unique opportunity to study the transition between the two periods. If this site is compared to Parkfield Road Quarry in Rugby, then a complete sequence of the Lower Lias in Warwickshire can be seen as the strata in Rugby are, in part, younger than those at this site.</p> <p>The site has great educational potential at all levels. Prior permission to visit must be obtained &amp; indemnity forms signed.</p>





The area in blue is considered to be a specific 'area of interest'.