

Warwickshire Geological Conservation Group

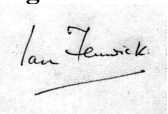
Warwickshire Local Geological Site	
Site No: 45	Temple Grafton Quarry
Geological Formations	Blue Lias Formation - Wilmcote Limestone Member (Triassic)
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Local Geological Sites (LoGS), designated by locally developed criteria, are currently the most important 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

Site name: Temple Grafton Quarry		Also known as:	
District: Stratford-on-Avon		County: Warwickshire	
Grid reference: SP 1211 5395		LoGS Number: 45	ESCC Class: ED
Brief Description: Disused quarry within the Late Triassic / Early Jurassic Wilmcote Limestone Member of the Blue Lias Formation. The formation of tufa by deposition on growing moss is currently taking place.			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of the Wilmcote Limestone Member and the associated Holocene tufa			
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: <i>Wilmcote Quarry SSSI</i>	✓
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		Date first selected April 1998	
 I M Fenwick, Chairman, Warwickshire Geological Conservation Group		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)**

Site	45	Temple Grafton Quarry
Parish		Temple Grafton
District		Stratford-on-Avon
County		Warwickshire
National Grid Reference		SP 1211 5395
Ordnance Survey Sheets 1:50000		150
1:10000		SP 15 SW

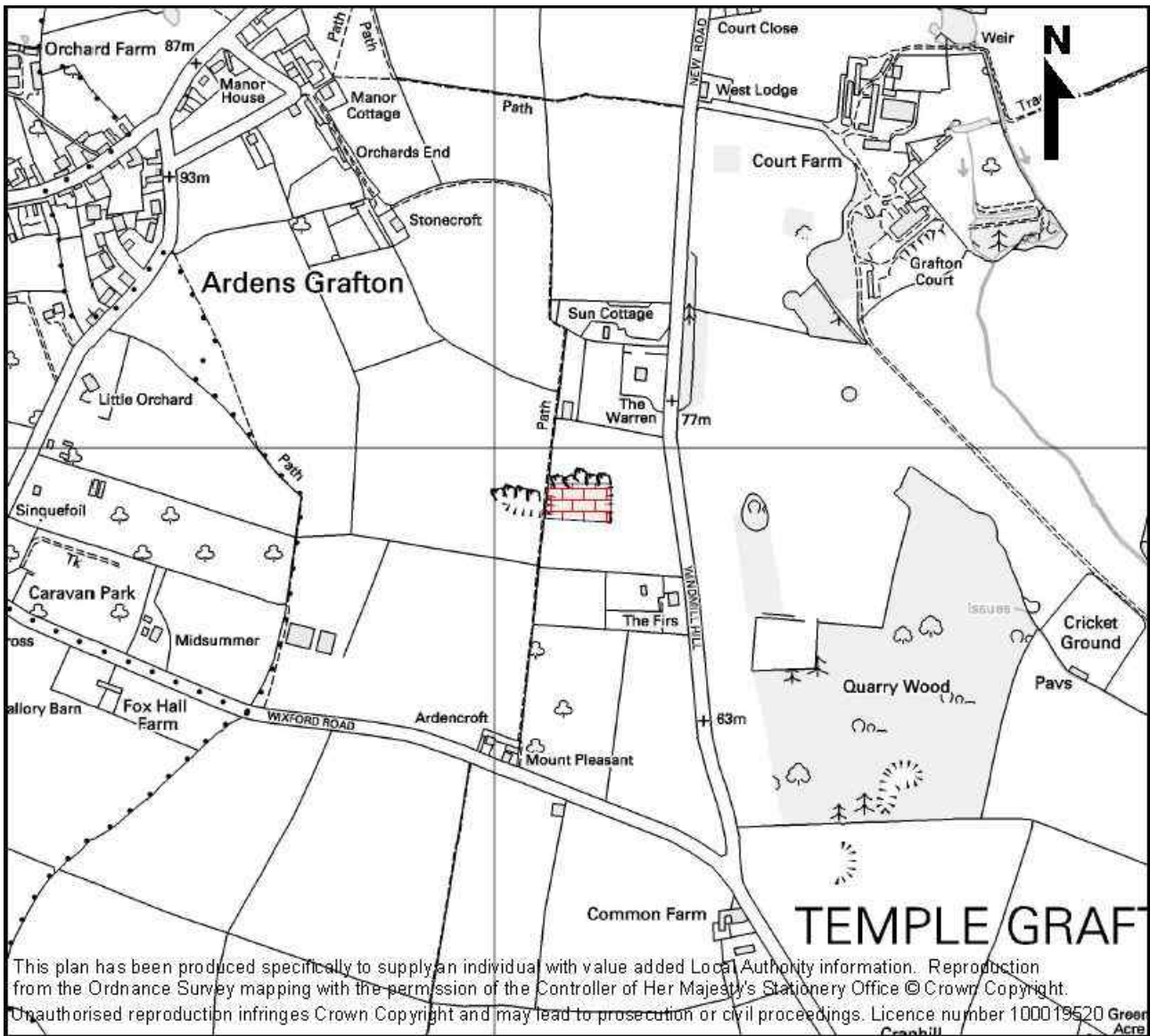
Location

Located at Sun Cottage, New Road, Temple Grafton. Mr Thompson, the owner, is a landscape gardener and very keen on conservation. Access was improved & the faces were cleared of vegetation and much talus removed by mini-digger (2009)

Summary of Interest

An exposure in a disused quarry of the 'Lithographic Limestone' from the Wilmcote Limestone member of the Lower Jurassic Blue Lias Formation which contains insect beds. Beneath this there is a partial exposure of the uppermost Triassic. Currently (2009) tufa is forming by deposition on mosses.





Link to Resurveyed LoGS document
<http://lgs.wgcg.co.uk/LoGS45-Resurvey.pdf>