

Warwickshire Geological Conservation Group

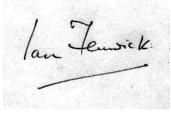
Warwickshire Local Geological Site	
Site No: 32	Dark Lane Copse Quarry
Geological Formations	Lilstock Formation (Triassic)
Criteria Form	p 2
Description	p 3
Photographs	p 4
Location Map	p 5

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: Dark Lane Copse Quarry		Also known as: Lighthorne Quarry	
District: Stratford-on-Avon		County: Warwickshire	
Grid reference: SP325 558		LoGS Number: 32	ESCC Class: ED
<p>Brief Description: A small disused limestone quarry situated 1km west of Lighthorne on the north side of the road to Moreton Morrell. This quarry provides the best exposure in Warwickshire of the Langport Member (formerly White Lias) belonging to the Triassic, Penarth Group, Lilstock Formation.</p>			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of an exposure of the Langport Member (White Lias)			
Educational Fieldwork			
1. Educational Potential	✓	2. Physical access	3. Safety
Scientific Study			
1. Diversity of interest		2. Rarity of interest: <i>current research on microfossils</i>	✓
3. Size of feature			✓
4. Typicalness of feature	✓	5. Geological/physiographic linkage to: <i>Ufton Hill Farm (52)</i>	✓
Historical Value			
1. Celebrity link		2. Pioneering research	3. Historical link: <i>buildings in Lighthorne & Ashorne</i>
			✓
Aesthetic Value In The Landscape			
1. Local importance in the landscape		2. Promotion of Earth science	
Signed		Date first selected February 1992	
 I M Fenwick, Chairman, Warwickshire Geological Conservation Group		Reviewed by LoGS panel Sept. 2009	
		Further survey required	
		LoGS Confirmed	
		✓	
Endorsed by			
Warwickshire Museum		Natural England	
J Radley, Keeper of Geology		J A Irving, Conservation Adviser	
<p>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)</p>			

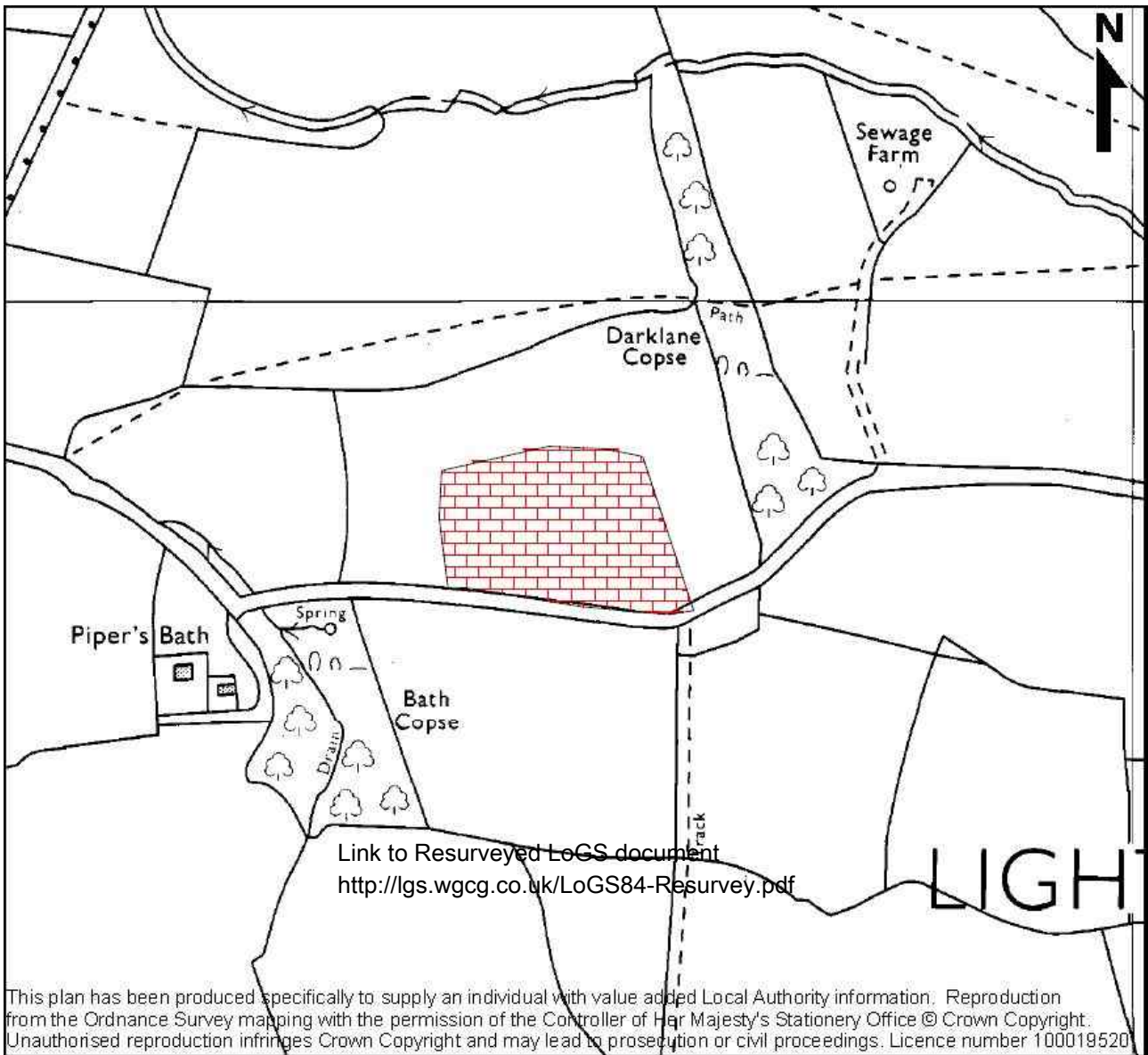
**WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP
LOCAL GEOLOGICAL SITE (LoGS)**

Site	32	Dark Lane Copse Quarry
Parish	Lighthorne	
District	Stratford-on-Avon	
County	Warwickshire	
National Grid Reference	SP 325 558	
Ordnance Survey Sheets 1:50000	151	
1:10000	SP 35 NW	

Location
A small disused limestone quarry situated 1 km W of Lighthorne on the N side of the road to Moreton Morrell.

Summary of Interest
<p>The west face of this quarry provides one of the best exposures in Warwickshire of the Langport Member (formerly White Lias) of the Triassic Lilstock Formation. The faces reveal thin, buff-weathering, grey, porcellanous limestones with shelly limestones and thin clay bands .There are extensive spoil tips which provide opportunities to study the variation within the limestone and its fossil content (especially the bivalves). The Langport Member is not well exposed in Warwickshire.</p> <p>West face somewhat degraded 2009.</p>





Link to Resurveyed LoGS document
<http://lgs.wgcg.co.uk/LoGS84-Resurvey.pdf>