

Warwickshire Geological Conservation Group

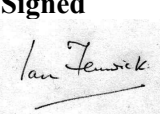
Warwickshire Local Geological Site	
Site No: 36	Meon Hill Barn
Geological Formations	Dyrham Formation (Jurassic)
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Local Geological Sites (LoGS), designated by locally developed criteria, are currently the most important places for geology and geomorphology 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

Site name: Meon Hill Barn		Also known as:	
District: Stratford-on-Avon		County: Warwickshire	
Grid reference: SP1830 4514		LoGS Number: 36	ESCC Class: EO
Brief Description: This site is a landslip measuring 100m in length. The cumulative height of the exposure is approximately 4m. This is a small and partly obscured exposure of the Lower Jurassic, Dyrham Formation. This is the best exposure in Warwickshire.			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of the Dyrham Formation			
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>Burton Dasset Hills (33), Edge Hill Quarries (35), Avonhill Quarry (50), A422 Quarry, Hornton (59), Humpty Dumpty Field, Ilmington (77) & Edge Hill Farm (88)</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 February 1992	
 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	36	Meon Hill Barn
Parish	Quinton	
District	Stratford-on-Avon	
County	Warwickshire	
National Grid Reference	SP 1830 4514	
Ordnance Survey Sheets 1:50000	151	
1:10000	SP 14 NE	

Location

This site is a landslip measuring 100m in length. The cumulative height of the exposure is c.4m. The face is mostly covered by slipped material but is easily uncovered. The site is reached along a track through Meon Hall from the road that runs past the E side of Meon Hill, southwards from Quinton.

Summary of Interest

This is a small and partly obscured exposure of the Jurassic Dyrham Formation. This lithology is very soft and weathers easily; therefore exposures are very limited. This is one of the best exposures in Warwickshire. The rocks are ferruginous siltstones and sandstones that lie just above the top of the Charmouth Mudstone Formation..



