

Warwickshire Geological Conservation Group

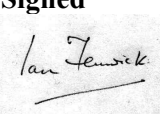
Warwickshire Local Geological Site	
Site No: 82	Merevale Lane Cutting
Geological Formations	Merevale Shale Formation (Ordovician)
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Local Geological Sites (LoGS), designated by locally developed criteria, are currently the most important places for geology 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: Merevale Lane Cutting		Also known as: Broughton Lane Spinney	
District: North Warwickshire		County: Warwickshire	
Grid reference: SP 2890 9765		LoGS Number: 82	ESCC Class: ER/ED
Brief Description: A road cutting and adjacent disused quarry with good exposures of the Merevale Shale Formation			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of exposures of the Lower Ordovician Merevale Shale Formation at the top of the Stockingford Shale Group			
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:	
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 28th March 2002	
 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	82	Merevale Lane Cutting
Parish	Merevale	
District	North Warwickshire	
County	Warwickshire	
National Grid Reference	SP 2890 9765	
Ordnance Survey Sheets 1:50000	140	
1:10000	SP 29 NE	

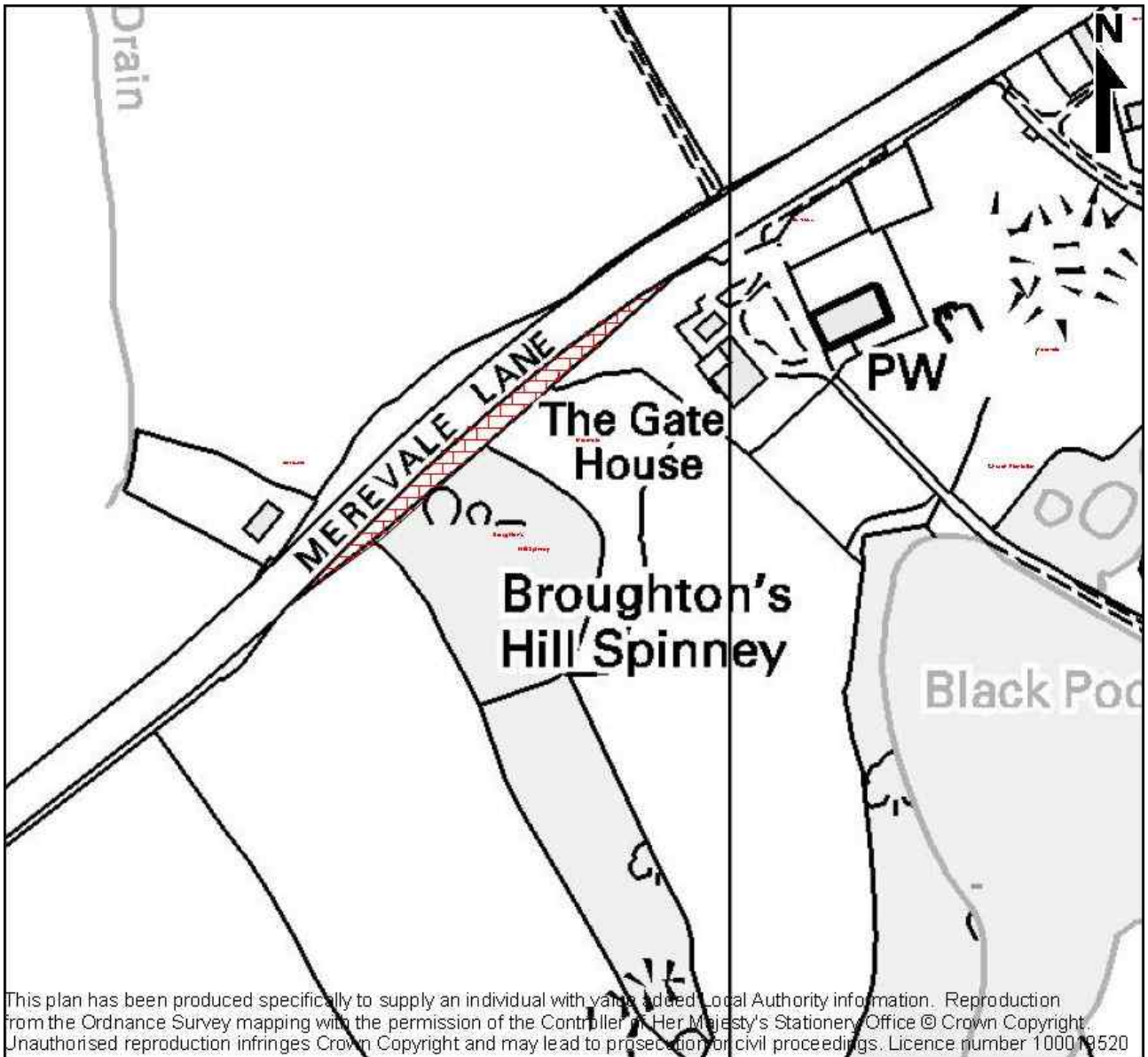
Location

The road location is on the B4116 550m SW of the junction with the A5. The site is on the SE side of the road. The quarry is accessed via the lodge at the entrance to the Merevale estate.

Summary of Interest

The large bank of the cutting has small exposures of, and is covered by, talus from the Merevale Shale Formation of the Stockingford Shale Group. The adjacent disused quarry also has small areas of exposure and in the adjacent field the ploughed area next to the quarry shows considerable amounts of broken shale. This shale has in the past yielded dendroid graptolites proving the early Ordovician age.





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