

Warwickshire Geological Conservation Group

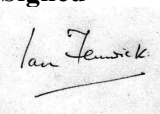
Warwickshire Local Geological Site	
Site No: 53	Hill Farm - Maxstoke
Geological Formations	Salop Formation - Whitacre Member (Carboniferous)
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Local Geological Sites (LoGS), designated by locally developed criteria, are currently the most important places 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: Hill Farm Quarry - Maxstoke		Also known as:			
District: North Warwickshire		County: Warwickshire			
Grid reference: SP 2415 8810		LoGS Number: 53		ESCC Class: ED	
Brief Description: An excellent exposure of the Arley and Exhall sandstones in the upper part of the Upper Carboniferous Whitacre member. Below the sandstones, exposed in a scrape on the west side of the old quarry and in an adjacent track, conglomerates outcrop.					
This site qualifies as a Local Geological Site for the following criteria:					
A Good Example of the Whitacre Member of the Salop 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>Hill Cottage Quarry (16) & Hill Plantation, Maxstoke (93)</i>			✓
Historical Value					
1. Celebrity link: <i>Prof. Shotton</i>	✓	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 21st Nov. 2001	
 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)					

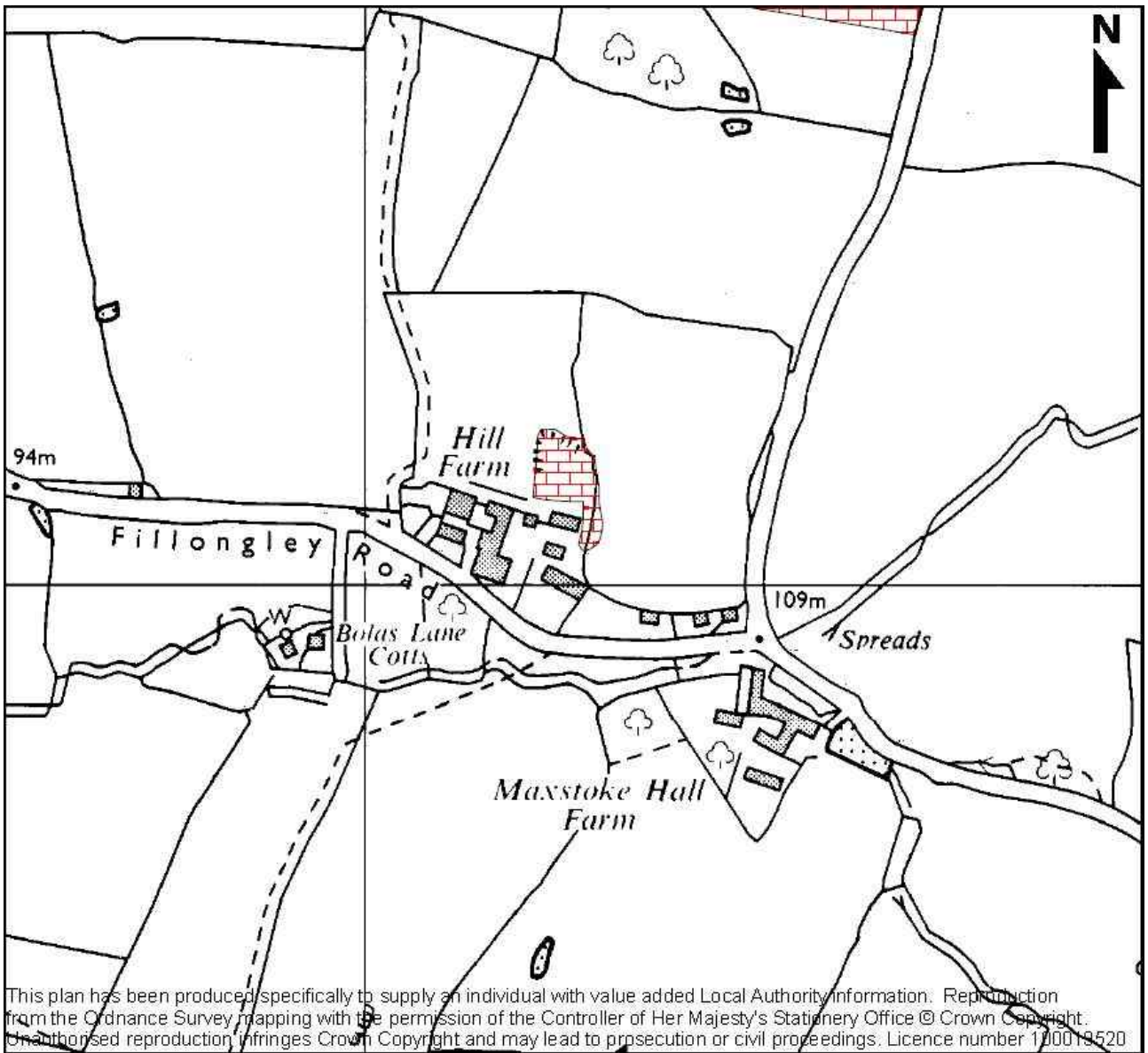
**WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP
LOCAL GEOLOGICAL SITE (LoGS)**

Site	53	Hill Farm - Maxstoke
Parish		Maxstoke
District		North Warwickshire
County		Warwickshire
National Grid Reference		SP 2415 8810
Ordnance Survey Sheets 1:50000		139
1:10000		SP 28 NW

Location
Hill Farm is situated on the Fillongley Road 1300m N.N.E. of Maxstoke church. The quarry is north and east of the farm buildings.

Summary of Interest
Exposures of the Upper Carboniferous Arley and Exhall Sandstones (Whitacre Member, Salop Formation). An old quarry, 30 x 30m, some 500m east of the Warks. coalfield Western Boundary Fault exposing c. 4m of coarse, reddish-brown sandstone on the eastern face which locally displays strong cross-bedding. Stringers of fine gravel occur within the sandstone and shallow channel structures are also clearly visible. On the opposite (western) side of the quarry the conglomerate is exposed in a sloping section close to ground level. The succession displays a shallow (c.10°) structural dip towards the east.





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