

Warwickshire Geological Conservation Group

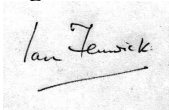
Warwickshire Local Geological Site	
Site No: 08	Mancetter Hill Farm Quarry
Geological Formations	Oldbury Farm Sandstone Formation (Devonian)
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Local Geological Sites (LGS), designated by locally developed criteria, are currently the most important places for geology and geomorphology outside statutorily protected land such as Sites of Special Scientific Interest (SSSI). The designation of LGS 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 LGS in Warwickshire and the West Midlands.

Please note that designation of a site as a LGS 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: Mancetter Hill Farm Quarry		Also known as: <i>(formerly Mancetter Hill Quarry)</i>	
District: North Warwickshire		County: Warwick	
Grid reference: SP3013 9572	LoGS Number: 8	ESCC Class:	ED
Brief Description: The disused quarry can be reached by a track to the south east of the site from the road at SP302 953 opposite Oldbury Farm. The whole Devonian outcrop measures only 1.6km x 270m and is situated on the north east side of the Warwickshire Coalfield.			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of the very restricted outcrop of the Devonian Oldbury Farm Sandstone Formation in Warwickshire.			
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  I M Fenwick, Chairman, Warwickshire Geological Conservation Group		Date first selected February 1992	
		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 (LGS)**

Site	8	Mancetter Hill Farm Quarry <i>(formerly Mancetter Hill Quarry)</i>
Parish	Mancetter	
District	North Warwickshire	
County	Warwickshire	
National Grid Reference	SP 3013 9572	
Ordnance Survey Sheets 1:50000	140	
1:10000	SP 39 NW	

Location
The disused quarry can be reached by a track to the south-east of the site from the road at SP 302 953 opposite Oldbury Farm. Permission to visit must be obtained from Mancetter Hill Farm. Owing to the site's small size, visiting parties should be limited in number to a maximum of 10 persons and must avoid milking times.

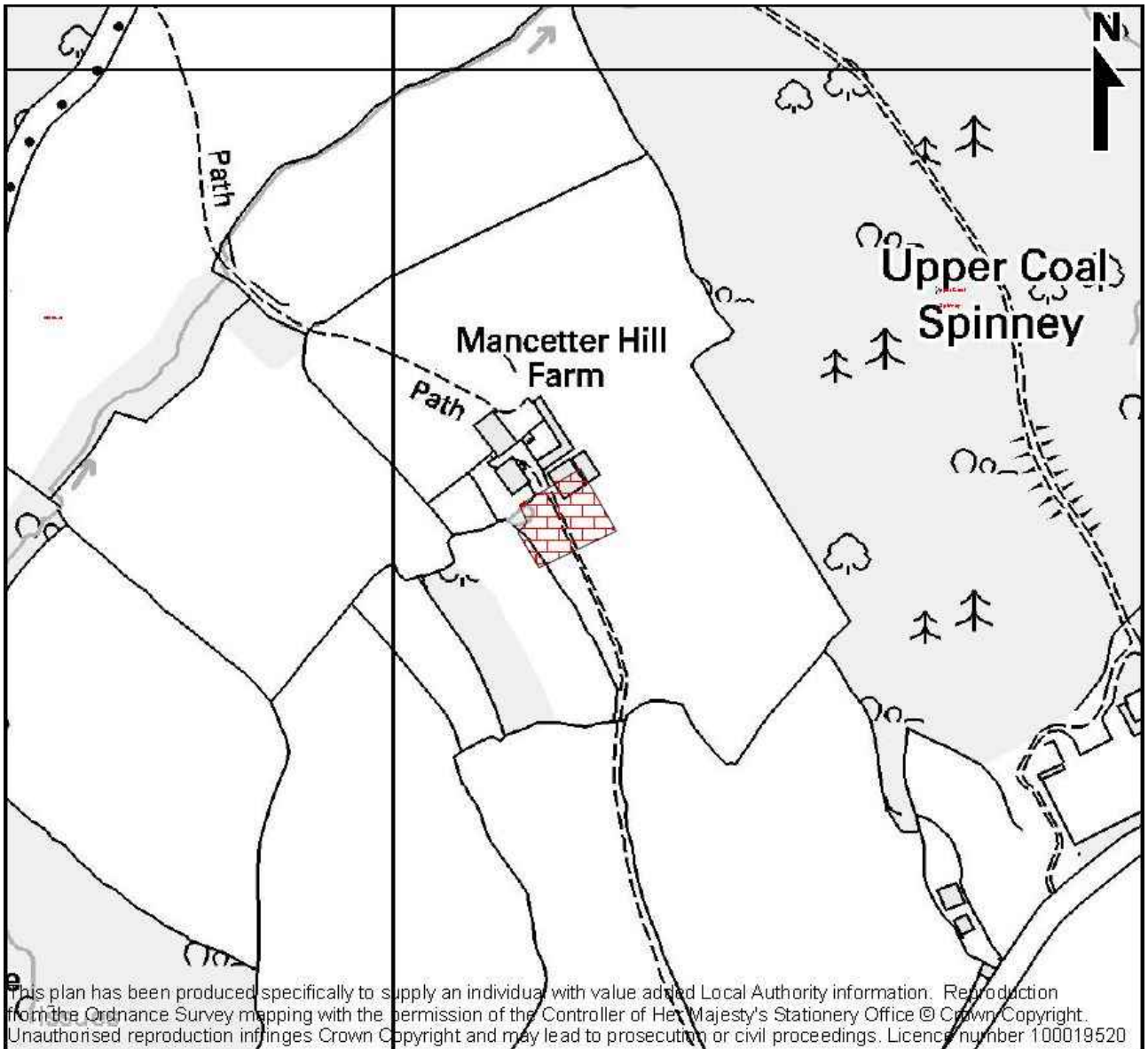
Summary of Interest
<p>This is the best exposure of the Devonian Oldbury Farm Sandstone Formation in Warwickshire. This formation comprises greyish green conglomerates, sandstones, siltstones and reddish brown and green silty and sandy mudstones, typically in upward-fining cycles.</p> <p>Formed approximately 342 to 370 million years ago these rocks were formed from rivers depositing mainly sand and gravel detrital material in channels to form river terrace deposits, with fine silt and clay from overbank floods forming floodplain alluvium, and some bogs depositing peat; includes estuarine and coastal plain deposits mapped as alluvium.</p> <p>The whole Devonian outcrop measures only 1.6km x 370m and is situated on the north-east side of the Warwickshire Coalfield. A 5.1m section is revealed through fossiliferous, green and red marine sandstones and mudstones. The sandstones have yielded fossils including fish fragments, brachiopods (both articulate and inarticulate forms), and the bivalve <i>Leptodesma</i>. These rocks represent a marine environment, possibly inter-tidal mudflats. This site has considerable educational potential at degree level and above. ref: Bridge et al (1998) p. 50</p>



British Geological Survey P210319



Warwickshire Geological Conservation Group 2009



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