

Warwickshire Geological Conservation Group

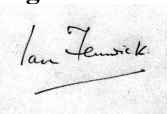
Warwickshire Local Geological Site	
Site No: 22	Gibbet Hill Middle Quarry
Geological Formations	Kenilworth Sandstone Formation (Permian)
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Local Geological Sites (LGS), designated by locally developed criteria, are currently the most important places 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

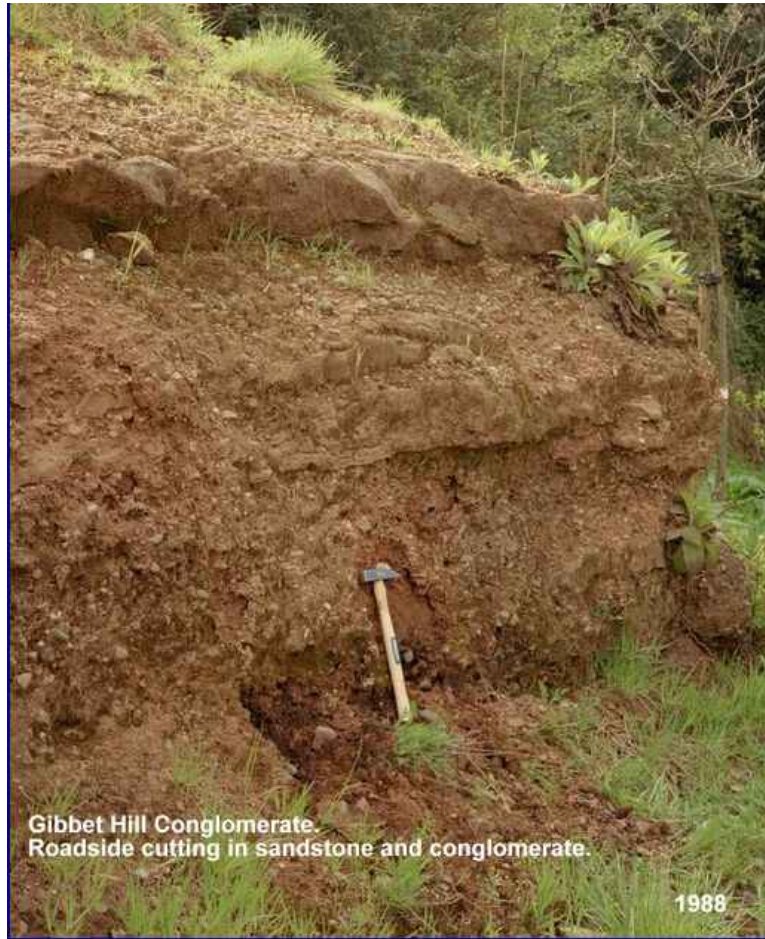
Site name: Gibbet Hill Middle Quarry		Also known as: Gibbet Hill Farm Quarry	
District: Coventry		County: West Midlands	
Grid reference: SP 3045 7521	LoGS Number: 22	ESCC Class:	ED
Brief Description: The remnants of a former quarry, now situated on the verge of the south side of Gibbet Hill Road. The best exposure, inside the former boundary of Warwickshire, of the Gibbet Hill Conglomerate which lies within the Permian Kenilworth Sandstone Formation.			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of an exposure of the Gibbet Hill Conglomerate in the former county of 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: <i>Shotton (1929)</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 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 WCGG, c/o Keeper of Geology, Warwickshire Museum, Market Place, Warwick CV34 4SA (tel: 01926-418182)			

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

Site	22	Gibbet Hill Middle Quarry
Parish		
District		Coventry
County		West Midlands
National Grid Reference		SP 3045 7521
Ordnance Survey Sheets 1:50000		140
1:10000		SP 37 NW

Location
The remnants of a former quarry, now situated on the south side of Gibbett Hill Road. A major road widening scheme in 1986 led to the creation of new fresh exposures giving sections in two directions at 90° to each other.

Summary of Interest
<p>The best exposure, inside the former boundary of Warwickshire, of the Gibbet Hill Conglomerate which lies within the Permian, Kenilworth Sandstone Formation. Originally, over 3m of conglomerate overlain by 1m of hard brown sandstone and 0.3m of conglomerate. The conglomerate consists of well rounded pebbles up to 8cm diam. set in a calcareous matrix. The clasts are mainly sandstones or mudstones, with quartzites and red chert, all ascribed to the Carboniferous Keresley Member. Minor amounts of Precambrian tuffs and Carboniferous limestones have also been recorded (Old et al 1987). The lower part of this section is now obscured. The site is of educational value from GCSE level upwards.</p> <p>22/5/01: Main faces clear, but growth in front; 5-6m bank at back then some exposures. (WS)</p> <p>1/09: lot of shrub and sapling growth in quarry and by road, but still some good faces exposed. Would benefit from some clearance (IMF)</p>



Gibbet Hill Conglomerate.
Roadside cutting in sandstone and conglomerate.

1988

British Geological Survey P213329



Warwickshire Geological Conservation Group 2009

