

# Warwickshire Geological Conservation Group

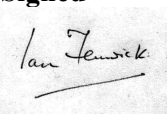
<b>Warwickshire Local Geological Site</b>	
Site No: 80	Brailes Hill No. 2 – Geomorphological
Geological Formations	Hillside profile, reflecting underlying: Blue Lias Formation, Charmouth Mudstone Formation, Dyrham Formation, Marlstone Rock Formation, Whitby Mudstone Formation, Northampton Sands Formation and Chipping Norton Limestone 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

<b>Site name:</b> Brailes Hill No. 2 - Geomorphological		<b>Also known as:</b>	
<b>District:</b> Stratford-upon-Avon		<b>County:</b> Warwickshire	
<b>Grid reference:</b> SP 290 390	<b>LoGS Number:</b> 80	<b>ESCC Class:</b>	IS
<b>Brief Description:</b> A hillside profile reflecting the underlying Lower and Middle Jurassic bedrock			
<b>This site qualifies as a Local Geological Site for the following criteria:</b>			
<b>A Good Example of</b> lithological control of a landscape profile			
<b>Educational Fieldwork</b>			
1. Educational Potential	✓	2. Physical access	✓
		3. Safety	✓
<b>Scientific Study</b>			
1. Diversity of interest	✓	2. Rarity of interest	✓
4. Typicalness of feature	✓	3. Size of feature	✓
		5. Geological/physiographic linkage to: <i>Burton Dassett Hills (33) &amp; Brailes Hill No. 1 – Geological (87)</i>	✓
<b>Historical Value</b>			
1. Celebrity link		2. Pioneering research	
		3. Historical link	
<b>Aesthetic Value In The Landscape</b>			
1. Local importance in the landscape	✓	2. Promotion of Earth science	✓
<b>Signed</b>		<b>Date first selected</b> 28th March 2002	
 I M Fenwick, Chairman, <b>Warwickshire Geological Conservation Group</b>		<b>Reviewed by LoGS panel</b> Oct. 2009	
		<b>Further survey required</b>	
		<b>LoGS Confirmed</b> ✓	
<b>Endorsed by</b>			
<b>Warwickshire Museum</b>		<b>Natural England</b>	
J Radley, Keeper of Geology		J A Irving, Conservation Adviser	
<b>In the event of any development or planning consultation relating to this site or its surrounds please inform:</b>			
The LoGS Officer WGCG, c/o Keeper of Geology, Warwickshire Museum, Market Place, Warwick CV34 4SA (tel: 01926-418182)			

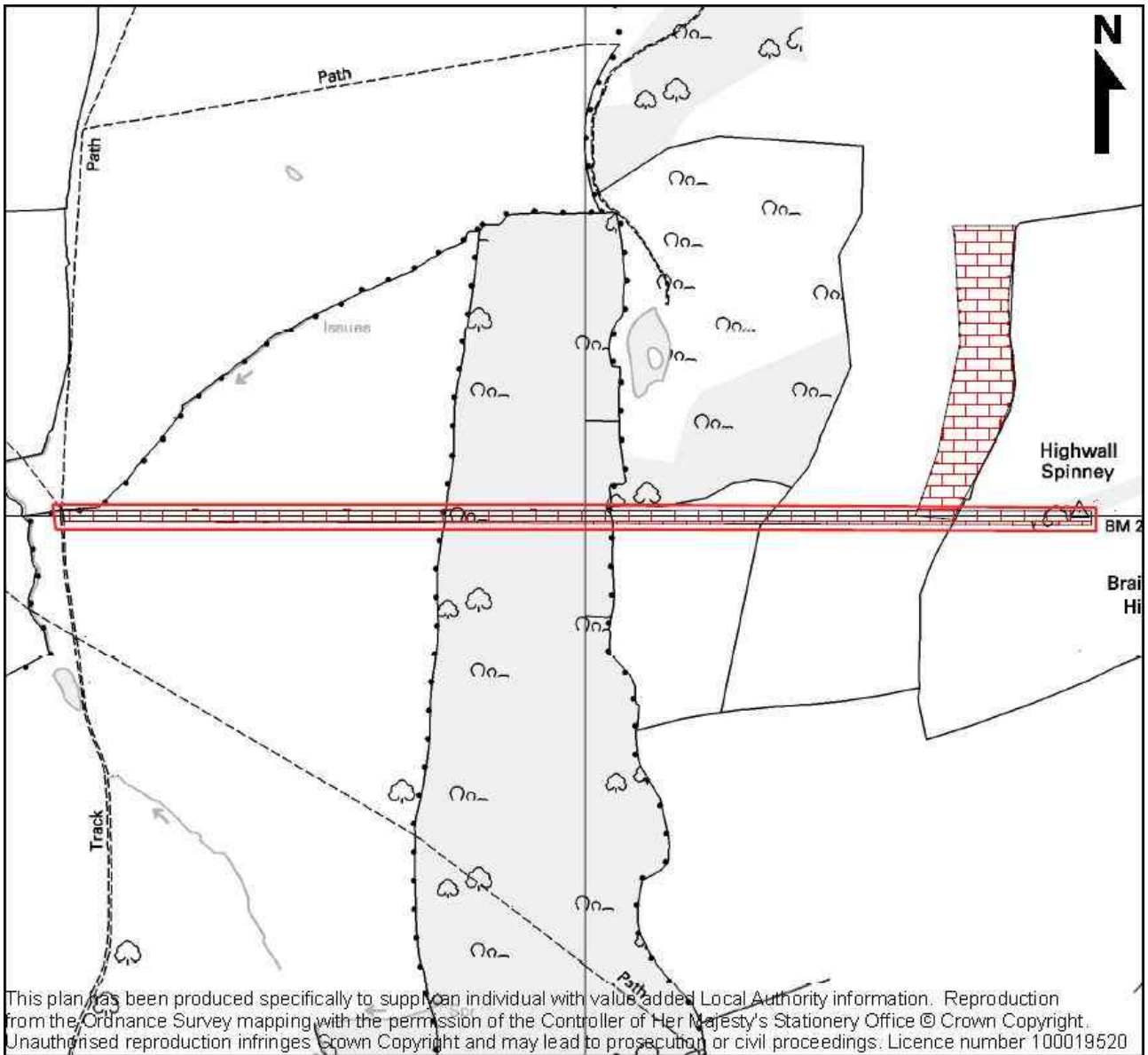
**WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP  
LOCAL GEOLOGICAL SITE (LoGS)**

<b>Site</b>	80	Brailes Hill No.2 - Geomorphological
<b>Parish</b>		Brailes
<b>District</b>		Stratford-upon-Avon
<b>County</b>		Warwickshire
<b>National Grid Reference</b>		SP 290 390
<b>Ordnance Survey Sheets 1:50000</b>		151
<b>1:10000</b>		SP 32 NE

<b>Location</b>
The site is a portion of the hillside, 50m either side of a line running due west from the trig. point in Highwall Spinney towards the centre of Willington village. It extends from the trig. point to the stream at the foot of the hill.

<b>Summary of Interest</b>
Hillside profile, reflecting underlying Lower and Middle Jurassic bedrock. The gently inclined clay lowlands surrounding the hill are underlain by early Jurassic clays (Blue Lias and Charmouth Mudstone formations). The steeper, gorse-clad slopes reflect the silts and sands of the Dyrham Formation, capped by the Marlstone Rock Formation - a thin ironstone. Higher clay slopes (Whitby Mudstone) give way to another steep feature, formed by the Middle Jurassic Northampton Sand, overlain by the Grantham Formation and Chipping Norton Limestone.





Link to Resurveyed LoGS document  
<http://lgs.wgcg.co.uk/LoGS80-Resurvey.pdf>