

Warwickshire Geological Conservation Group

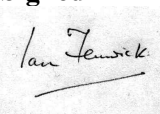
Warwickshire Local Geological Site	
Site No: 87	Brailes Hill No. 1 - Geological
Geological Formations	Chipping Norton Limestone Formation (Jurassic) Northampton Sands Formation (Jurassic)
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Local Geological Sites (LoGS), designated by locally developed 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

Site name: Brailes Hill No. 1 - Geological		Also known as:				
District: Stratford-upon-Avon		County: Warwickshire				
Grid reference: SP 2943 3916		LoGS Number: 87		ESCC Class: ED/EO		
Brief Description: A ploughed field revealing surface debris from the Scissum beds of the Northampton Sand Formation and a landslip scar in the Chipping Norton Limestone Formation						
This site qualifies as a Local Geological Site for the following criteria:						
A Good Example of the Scissum beds in the Northampton Sand						
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>Burton Dasset Hills (33), Winderton Road Cutting (38), Weston Park Lodge Quarry (56), Traitors Ford Quarries (63), Windmill Hill, Tysoe (76) & Cross Hands Quarry SSSI</i>			✓	
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	87	Brailes Hill No. 1 - Geological
Parish		Brailes
District		Stratford-upon-Avon
County		Warwickshire
National Grid Reference		SP 2943 3916
Ordnance Survey Sheets 1:50000		151
1:10000		SP 23 NE

Location

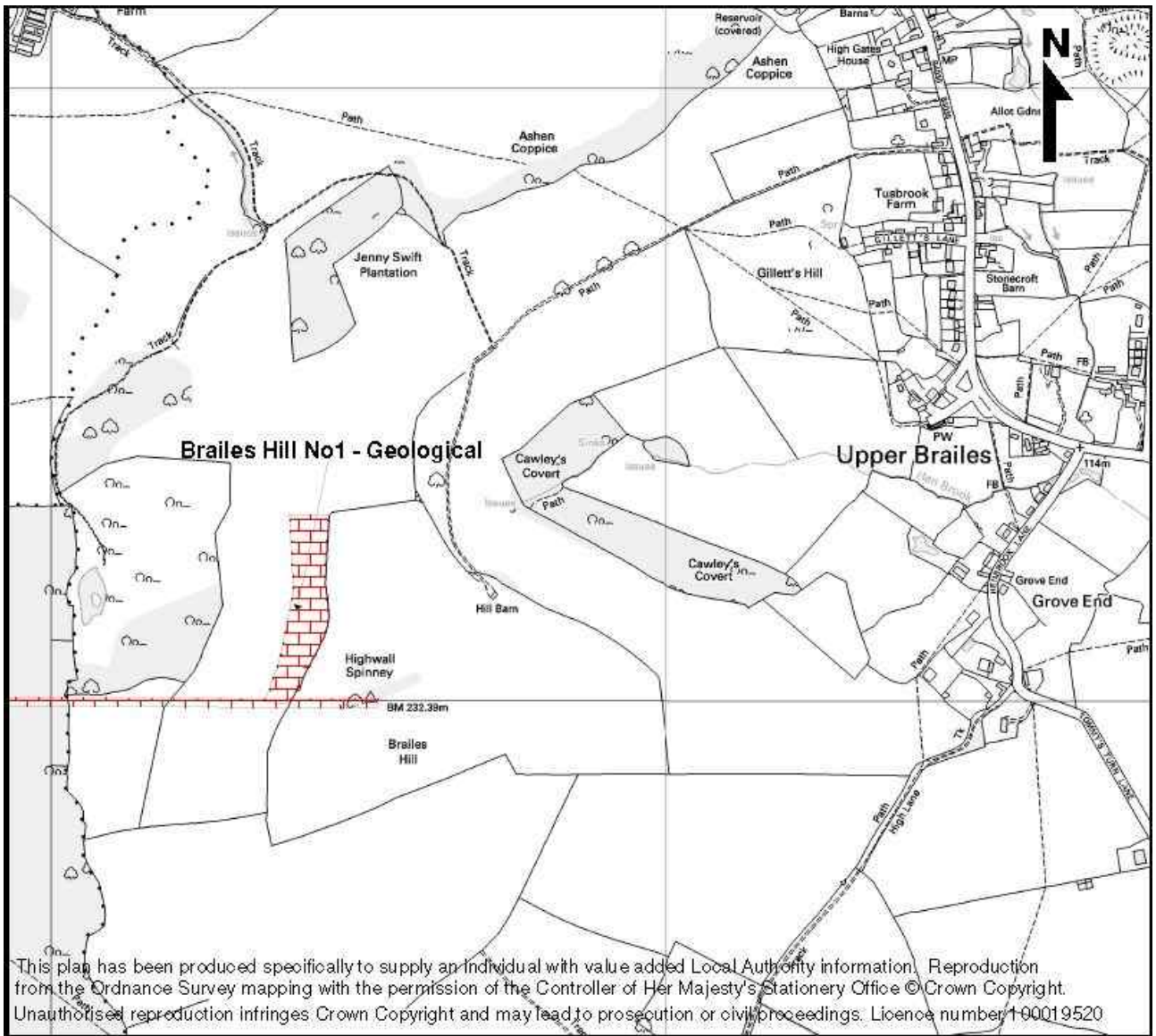
The site is situated on the western flank of Brailes Hill and can be accessed via a public footpath through Roundhill Farm and then by permission only on to the upper region. The site encompasses the upper portion of the field from the break of slope to the top hedgeline

Summary of Interest

A steep slope, mapped as the feather-edge of the Chipping Norton Limestone above the Northampton Sand and Grantham Formations. Scissum beds facies of the Northampton Sand produce much field brash, comprising sandy limestone with a fauna of serpulids, solitary corals and bivalves. Rusty sands are traceable above. The Chipping Norton Limestone is seen in what is probably a natural slip scar where it comprises sandy, flaggy-bedded limestones. The limestones appear to dip steeply, possibly due to Quaternary cambering.

Extend or new LoGS to include quarry on summit





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