

Warwickshire Geological Conservation Group

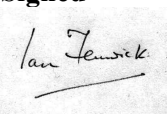
Warwickshire Local Geological Site	
Site No: 58	Napton Industrial Estate
Geological Formations	Charmouth Mudstone Formation (Jurassic)
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Local Geological Sites (LoGS), designated by locally developed criteria, are currently the most important places 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

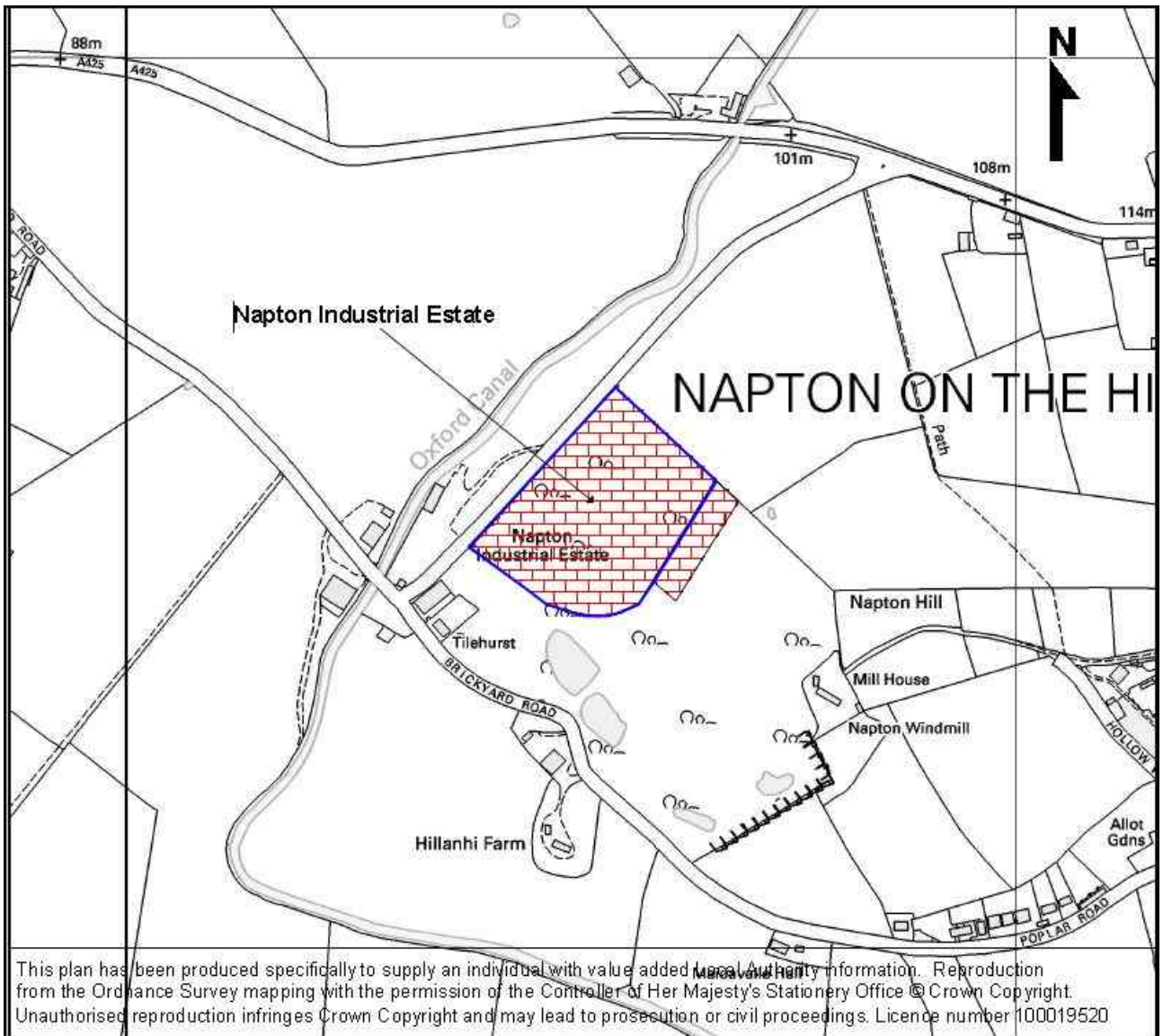
Site name: Napton Industrial Estate		Also known as:	
District: Stratford on Avon		County: Warwickshire	
Grid reference: SP 454 616		LoGS Number: 58	ESCC Class: ED
Brief Description: sequence of highly fossiliferous mudstones from the Charmouth Mudstone Formation. The ammonite succession proves the presence of the ibex Zone.			
This site qualifies as a Local Geological Site for the following criteria:			
A Good Example of '85' Marker member and the ibex Zone of the Charmouth Mudstone 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>Napton Hill Quarry SSSI, Ettington Road Cutting (78) & Napton Sandstone Doggers (89)</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 12th February 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	58	Napton Industrial Estate
Parish	Napton	
District	Stratford-on-Avon	
County	Warwickshire	
National Grid Reference	SP 455 616	
Ordnance Survey Sheets 1:50000	151	
1:10000	SP 46 SE	

Location
Situated on the NW face of Napton Hill forming the eastern boundary of an industrial estate, and running parallel to and approximately 200m E. of the Oxford canal.

Summary of Interest
The features are partially vegetated faces exposing the early Jurassic Charmouth Mudstone Formation. Only the upper part of the succession is represented at Napton SSSI while the lower part of the sequence is found at this site. Initial investigations have revealed richly fossiliferous ibex Zone clays/silty clays capped by a shelly limestone. The succession may replicate part of that seen at Blockley (Glos.) brickworks clay pit, but almost certainly ranges lower. The limestone may represent the BGS '85 marker' Member running through the district.



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