

# Warwickshire Geological Conservation Group

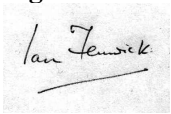
Warwickshire Local Geological Site	
Site No: 28	Rowington Canal
Geological Formations	Sidmouth Mudstone Formation (Triassic) Arden Sandstone Formation (Triassic)
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Local Geological Sites (LGS), designated by locally developed criteria, are currently 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

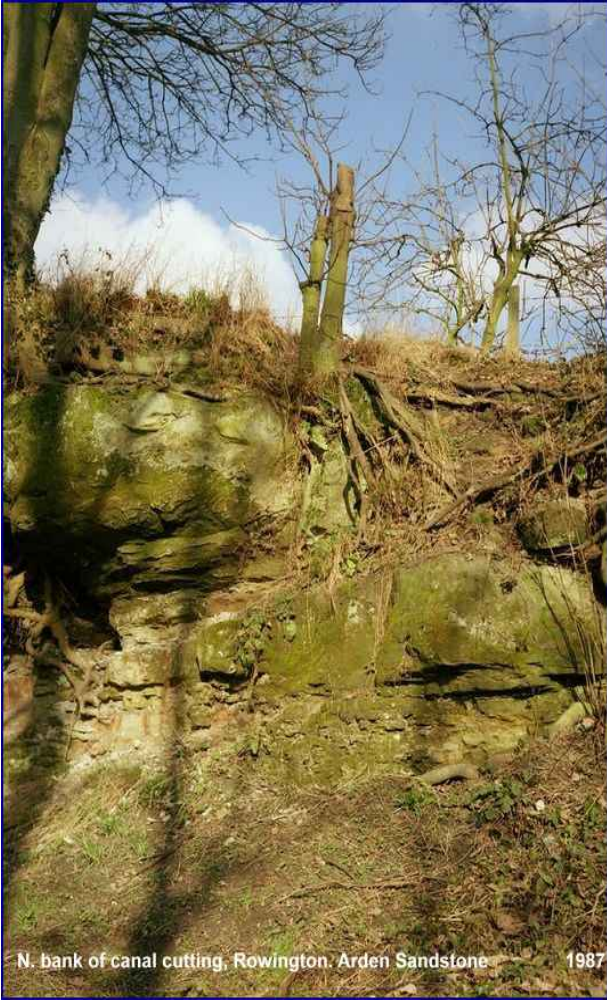
<b>Site name:</b> Rowington Canal Cutting		<b>Also known as:</b>	
<b>District:</b> Warwick		<b>County:</b> Warwickshire	
<b>Grid reference:</b> SP 2022 6901 to SP 1974 6926		<b>LoGS Number:</b> 28	<b>ESCC Class:</b> ER
<b>Brief Description:</b> A cutting on Grand Union Canal just south west of Rowington. This site, originally designated an SSSI, provides good sections through the lower part of the Triassic, Mercia Mudstone Group strata (including the Arden Sandstone Formation).			
<b>This site qualifies as a Local Geological Site for the following criteria:</b>			
<b>A Good Example of the Lower Mercia Mudstone Group (including the Arden Sandstone Formation)</b>			
<b>Educational Fieldwork</b>			
1. Educational Potential	✓	2. Physical access	✓
		3. Safety	✓
<b>Scientific Study</b>			
1. Diversity of interest		2. Rarity of interest: type locality for a fish <i>Dictyopyge superstes</i>	✓
		3. Size of feature	✓
4. Typicalness of feature		5. Geological/physiographic linkage to: <i>Mows Hill Dingle (54)</i>	
<b>Historical Value</b>			
1. Celebrity link: <i>Rev. Brodie</i>	✓	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> February 1992	
 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>	28	Rowington Canal Cutting
<b>Parish</b>	Rowington	
<b>District</b>	Warwick	
<b>County</b>	Warwickshire	
<b>National Grid Reference</b>	SP 2022 6901 to SP 1974 6926	
<b>Ordnance Survey Sheets 1:50000</b>	151	
<b>1:10000</b>	SP 26 NW	

<b>Location</b>
A cutting on the Grand Union Canal just SW of Rowington. It is much overgrown but good exposures remain, mostly along the N side. The cutting measures 700m in length and 18m in height.

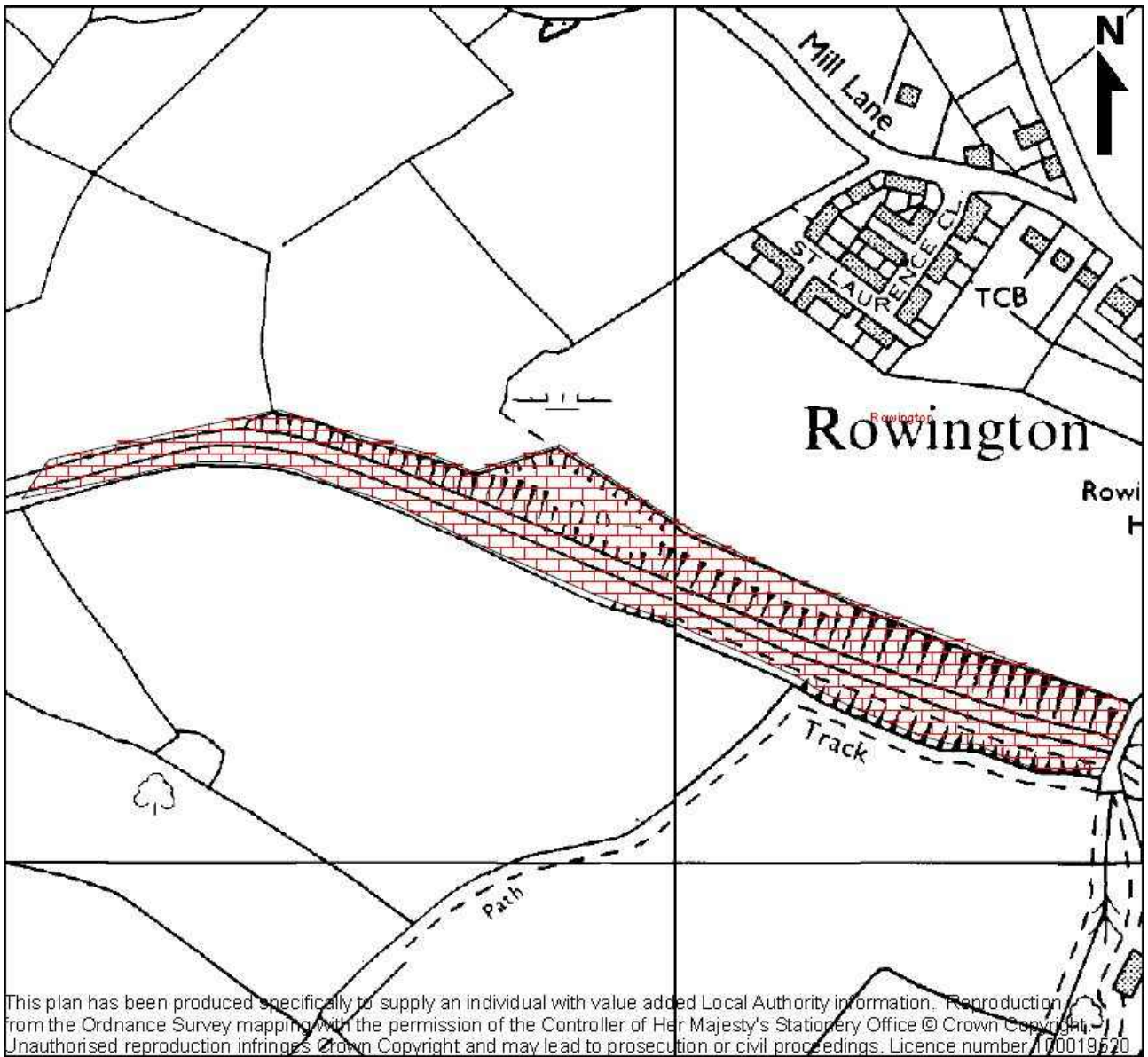
<b>Summary of Interest</b>
This site, originally designated an SSSI, provides good sections through Triassic, Mercia Mudstone Group strata. The rocks consist of 12m of dark red silty mudstones with thin green silty bands, all of which belong to the Sidmouth Mudstone Formation, overlain by 6m of Arden Sandstone Formation of the Mercia Mudstone Group. The latter consists of white to pale buff and red sandstones with green mudstones and siltstones. The sandstone beds often show ripple marks, current bedding and occasionally desiccation cracks. The site has yielded significant fossils, notably fish including the type specimen of <i>Dictopyge superstes</i> (Egerton), but also fish spines and teeth, reptile footprints, bivalves, crustaceans, and derived plant material. Trace fossils have also been found. This is a very important site and has great educational potential at all levels.



British Geological Survey P213237



Warwickshire Geological Conservation Group 2009



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