

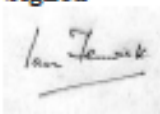
Warwickshire Geological Conservation Group

Warwickshire Local Geological Site	
Site No: 66	Polesworth Railway Cutting
Geological Formations	Pennine Coal Measures (Carboniferous)
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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.

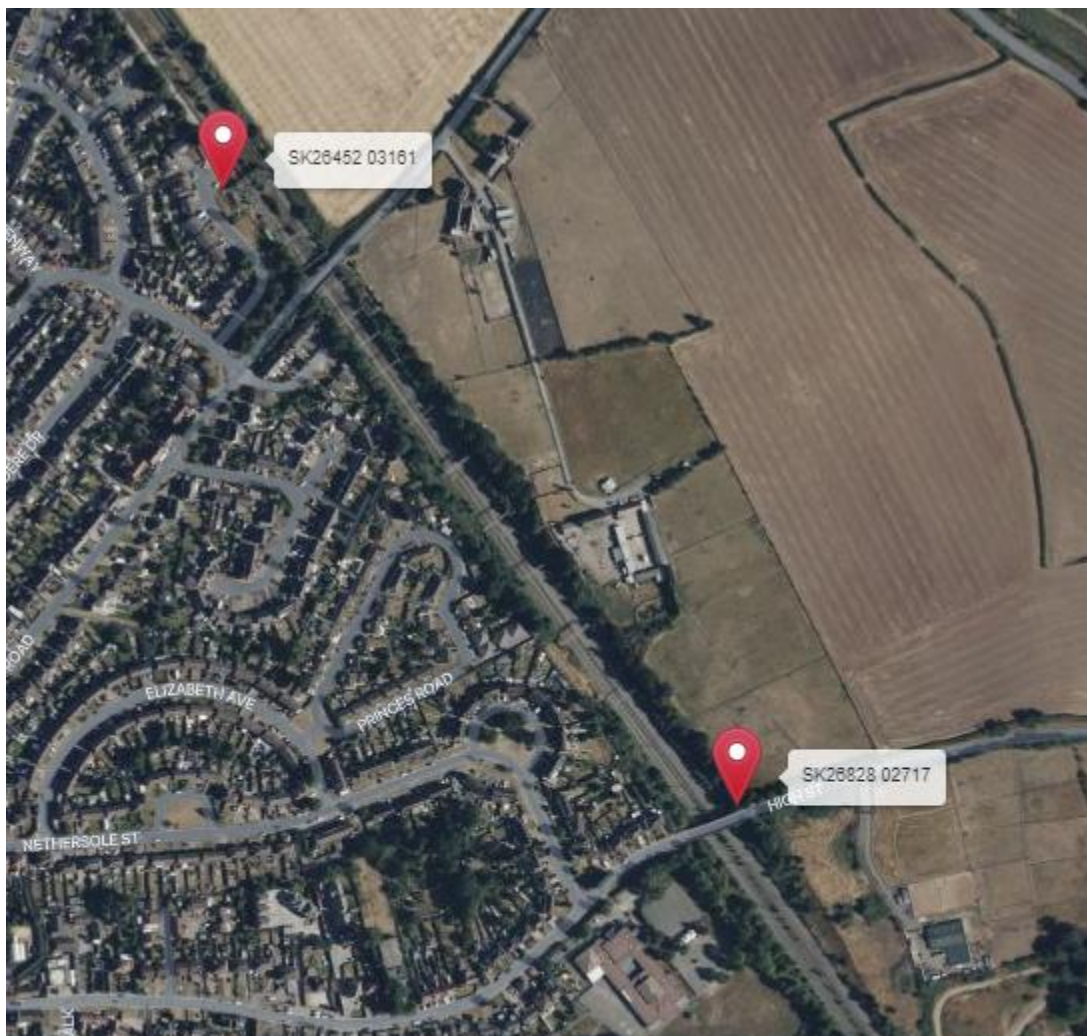
WGCG is responsible for the identification of LoGS in Warwickshire and the West Midlands.

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: Polesworth Railway Cutting		Also known as:			
District: North Warwickshire		County: Warwickshire			
Grid reference: SK 2653 0310 - 2692 0254		LoGS Number: 66		ESCC Class:	ER
Brief Description: Overgrown railway cutting formerly exposing a steeply dipping and otherwise disturbed succession of Lower and Middle Coal Measures, incorporating the Bench, Seven Feet and Four Feet coals.					
This site qualifies as a Local Geological Site for the following criteria:					
A Good Example of Lower and Middle Coal Measures coal seams					
Educational Fieldwork					
1. Educational Potential		2. Physical access	✓	3. Safety: dependent on negotiations	✓
Scientific Study					
1. Diversity of interest		2. Rarity of interest	✓	3. Size of feature	✓
4. Typicalness of feature		5. Geological/physiographic linkage to: <i>Claybrookes Marsh Spoil Tip (57) & Griff No.4 Quarry (68)</i>			✓
Historical Value					
1. Celebrity link		2. Pioneering research		3. Historical link: <i>naming of coal seams</i>	✓
Aesthetic Value In The Landscape					
1. Local importance in the landscape		2. Promotion of Earth science			
Signed  I M Fenwick, Chairman, Warwickshire Geological Conservation Group			Date first selected 28th March 2002		
			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	66	Polesworth Railway Cutting
Parish		Polesworth
District		North Warwickshire
County		Warwickshire
National Grid Reference		Station: SK26452 03161 Stipers Hill Bridge: SK26828 02717
Ordnance Survey Sheets 1:50000 1:10000		140 SK 20 SE



Location

The mainline railway cutting running from the road bridge immediately south of Polesworth station for 650m.

Summary of Interest

Railway cuttings formerly exposing a steeply dipping and otherwise disturbed succession of Lower and Middle Coal Measures, incorporating the Bench, Severn Feet and Four Feet coal seams but now heavily overgrown (2023).

A small exposure remains accessible by the roadside adjacent to the High Street bridge.

Survey Update 3/5/23

Access to the railway cutting is not permitted. The line has been electrified and is in regular use.



Photo 2009



Signs 2023



2023. View of the NE side of cutting from the High Street bridge. Glimpses of the underlying rocks can be seen but not identified.



2023 Removing vegetation cover from the exposure by the side of the footpath a few yards onwards from the NE side of the High Street bridge reveals a light coloured, weathered arenaceous mudstone. Close examination reveals very fine sand grains held in a clay matrix. This could be drift but the competency of the unit and the lack of glacial pebbles indicate it is likely to be a mudstone within the Carboniferous. The BGS have this location mapped as Coal Measures.

Sandy Mudstone: *50 magnification

