Warwickshire Geological Conservation Group

Warwickshire Local Geological Site		
Site No: 11	Moor Wood Railway Cutting	
Geological Formations	Outwood Shale Formation (Cambrian) Millstone Grit Group (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: Moor Wood Railway Cutting	**Also known as:**		
District: North Warwickshire	**County:** Warwickshire		
Grid reference: SP3206 9360	**LoGS Number:** 11	**ESCC Class:**	ER

Brief Description: Disused railway cutting to the north west of Chapel End. Exposure of the Outwoods Shale Formation of the Upper Cambrian Stockingford Shale Group. This site is believed to be the type locality for the fossil trilobite *Pseudagnostus (Sulcatagnostus) securiger* (Lake). Also, a 2m coarse grained, pebbly sandstone ascribed to the Carboniferous Millstone Grit.

This site qualifies as a Local Geological Site for the following criteria:

A Good Example of the Upper Cambrian Outwoods Shale 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: *Steppy Lane Section (7) & Purley Quarry (41)*			✓

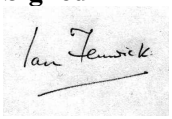
Historical Value

1. Celebrity link		2. Pioneering research		3. Historical link: *Col. Trye (Hanoverian), Jee*	✓

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 February 1992	
Reviewed by LoGS panel Oct. 2009	
Further survey required	
LoGS Confirmed	✓

Endorsed by

Warwickshire Museum

J Radley, Keeper of Geology

Natural England

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	11	Moor Wood Railway Cutting
Parish		Hartshill
District		North Warwickshire
County		Warwickshire
National Grid Reference		SP 3206 9360
Ordnance Survey Sheets 1:50000 **1:10000**		140 SP 39 SW

Location
Disused railway cutting to the north-west of Chapel End.

Summary of Interest
Exposure of the Outwoods Shale Formation of the Cambrian Stockingford Shale Group. This formation comprises interbedded grey burrowed, and dark-grey or greenish grey pyritic, mudstone. Beds of siltstone and sandstone increase in upper part. Formed approximately 495 to 505 million years ago in the Cambrian Period. These rocks were formed on a deep ocean floor beyond the influence of land. They often consist of fine material from microscopic pelagic organisms. The site is believed to be the type locality for the fossil trilobite *Pseudoagnostus (Sulcatagnostus) securiger* (Lake). The type locality is where the particular species of fossil was first found and as such is of great importance to the research community. In addition, a 2m section of coarse-grained pebbly sandstone ascribed to the Carboniferous Millstone Grit has been revealed in the past decade. At present (2009) the exposure in the cutting is extremely limited. However, it would be possible to dig out new exposures if required.