

# Scar Cottage

LOCATION INFORMATION					
<b>Parish</b>	Martley	<b>Grid Reference</b>	SO 7521 6018	<b>Locality Type</b>	Road Cutting Disused Quarry
<b>BGS 1:50 000 Sheet No.</b>		182	<b>OS 1:25 000 Sheet No.</b>		204

KEY SITE FEATURES	
<b>Stratigraphy</b>	TRIASSIC / Sherwood Sandstone Group / Bromsgrove Sandstone Formation.
<b>Lithology</b>	Sandstone.
<b>Fossils</b>	None seen.
<b>Mineralisation</b>	
<b>Structure</b>	Sedimentary: low angle fluvial cross-bedding, fining upwards beds. Tectonic: several faults cutting through the section.

SITE DETAILS
<p>The site is a road cutting on the B4204 on the north side of village. The road cutting strikes generally NW-SE exposing good sections of Bromsgrove Sandstone Formation on both sides of the road, plus a section exposed in the garden of Scar Cottage. The site contains good sedimentary structures and has several small faults.</p> <p>The main lithology consists of fine- to medium-grained red sandstones, interbedded with conglomeratic beds and mudstones. The extensive lateral exposure through the cutting exposes up to 3m in height of these rocks in a near continuous section. Conglomeratic beds contain mudstone <b>clasts</b>, quartz pebbles and other <b>lithics</b> and lenses of coarse granular sandstone occur within the <b>massive</b> sandstone beds. There are numerous erosional surfaces exposed within the sequence indicating cyclical deposition of sediments. These are fluvial (river deposited) sandstones, laid down in the Triassic desert.</p> <p>Evidence of tectonic disruption of the rocks is provided by tension structures within sandstone beds in places, and several small faults cut through the section running NE-SW, almost perpendicular to the strike of the cutting. A notable fault crosses just below the 30mph sign when entering the village.</p>



The road cutting adjacent to Scar Cottage, looking NW uphill out of the village.



A small fault showing a displacement of just a few cm, with adjacent tension structures.



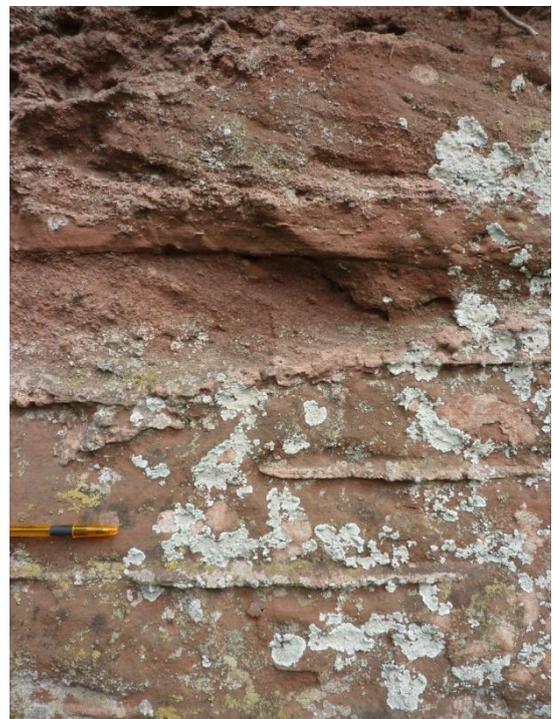
A bed of conglomerate containing brown mudstone clasts at the base of the section opposite Scar Cottage.



The road cutting opposite Scar Cottage. The largest fault through the section passes through the exposure just to the right of the speed sign and fire hydrant.



Lenses of coarser grained sandstone within the fine-medium grained sandstone.



Lenses of coarser grained sandstone within fine-grained sandstone, and cross-bedded, coarse-grained to pebbly sandstone above.