# Warwickshire Geological Conservation Group

| Warwickshire Local Geological Site | | |
|---|---|---|
| Site No: 97 | Kenilworth Cutting (Coventry Road) | |
| Geological Formations | Kenilworth Formation (Permian) | |
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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 a 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 LGSs 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 | | | |
|---|---|---|---|
| Site Name: Kenilworth Cutting (Coventry Road) | | Also known as: | |
| Location: Kenilworth | | LGS No: 97 | |
| District: Warwick | | Grid Reference: SP 2986 7326 | |
| ESCC Class: ER | | | |
| Brief Description:<br><br>Exposure of the Permian Kenilworth Sandstone Formation (Warwickshire Group) on the East side of disused railway cutting. | | | |
| **This site qualifies as a Local Geological Site for the following criteria**: | | | |
| **Education – the value of the site for educational purposes in life-long learning** | | | ✓ |
| Valuable for fieldwork | ✓ | Easily and safely accessible | ✓ |
| Access permitted | ✓ | Capable of maintenance | ✓ |
| **Scientific - the value of the site for study by both professional and amateur Earth Scientists** | | | ✓ |
| Diversity | | Rare or exceptional feature | |
| Size or extent | | Typicalness | |
| Fragility | | Naturalness | |
| **Historic - the value of the site in terms of Earth Science knowledge, events or human exploitation** | | | |
| Linked with a prominent geologist | | Associated with an important scientific concept | |
| Linked with an historic building or monument | | Associated with an important industrial process | |
| **Aesthetic** - **the value of the site in the landscape** | | | |
| Has features that form a prominent part of the landscape and are locally well known | | | |
| Has features that contribute to understanding landscape-scale geological or geomorphological processes | | | |
| Easily and safely accessible by the public | | | |
| **This site has been selected by the LGS Selection Panel on:** | | 19th October 2010 | |
| Signed Ian Fenwick<br>Chairman, Warwickshire Geological Conservation Group | | | |
| **Endorsed by:** | | | |
| Signed Jon Radley<br>Keeper of Geology, Warwickshire Museum | | | |
| Signed Anton Irving<br>Area Conservation Adviser, Natural England | | | |
| **In the event of any development or planning consultation relating to this site or its surrounds, please inform the LGS Officer on-line at www.wgcg.co.uk or by post to The LGS Officer, WGCG, c/o Warwickshire Museum, Market Place, Warwick CV34 4SA** | | | |
| WGCG Criteria Form Version D – July 2010 | | | |

# WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP
# LOCAL GEOLOGICAL SITE (LGS)

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|---|---|---|---|
| **Site No:** | **97** | **Site Name:** | Kenilworth Cutting (Coventry Road) |
| **Parish** | | | Kenilworth |
| **District** | | | Warwick |
| **National Grid Reference** | | | SP 2986 7326 |
| **Ordnance Survey Sheets 1:50000**<br>**1:25000** | | | Landranger 140<br>Explorer 221 |

## Location

The site is on the disused railway cutting 350m south of a gate at SP 2972 7353 on Coventry Road. A track passes the foot of the exposure.

Currently there is no public right-of-way on the track but it is designated to become a SUSTRANS cycle track.

## Summary of Interest

The Permian Kenilworth Sandstone Formation (Warwickshire Group) is exposed on the west side of the track through the cutting for a length of about 15 metres. There is a uniform dip of $10^0$ to SE.

The section comprises a massively bedded medium to coarse grained, ferruginous, reddish brown sandstone, about 3 metres thick.

The bedding of the upper unit is finer and broken with the possibility of mudstone bands; in places this has weathered and can be described as ‘rubbly’.

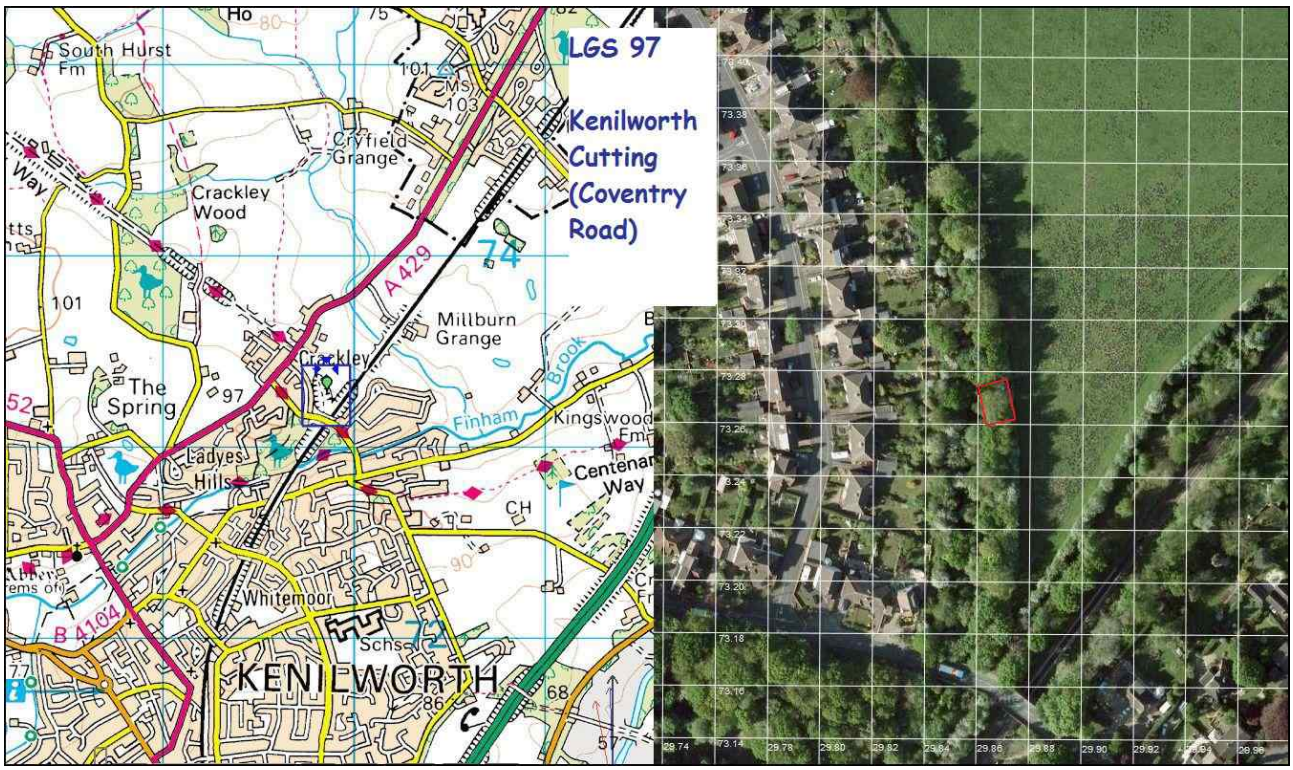
There are some small holes in the surface of the main sandstone which could indicate the weathering out of mudstone clasts. The bedding is flat, planar, very clearly parallel to the bedding planes. No cross bedding evident.

There appears to be a small fault at the southern end of the exposure. A displacement of about 50cm downwards is apparent.

At the northern end of the exposure, at the contact between the massive unit and the rubbly unit, a shallow channel about 1m across can be seen. The scoured out channel is filled with rubbly sandstone.

View of section from N.

Central part of section as currently revealed




The blue rectangle on the map defines the area depicted in the aerial photograph

The red rectangle on the aerial photograph defines the extent of the LGS