

Warwickshire Geological Conservation Group

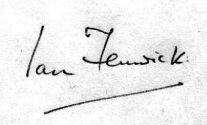
| Warwickshire Local Geological Site | |
|------------------------------------|--------------------------------|
| Site No: 49 | River Arrow, Studley |
| Geological Formations | Active migrating river channel |
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Local Geological Sites (LoGS), designated 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: River Arrow - Studley | | Also known as: | |
| District: Stratford on Avon | | County: Warwickshire | |
| Grid reference: SP 081 637 to 085 629 | | LoGS Number: 49 | ESCC Class: IA |
| Brief Description: An active river system with unvegetated banks, active erosion, shingle banks, terraces and paleochannels | | | |
| This site qualifies as a Local Geological Site for the following criteria: | | | |
| A Good Example of an actively migrating meandering stream form | | | |
| 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: <i>Old Milverton River Terraces (49), R. Avon, Stratford Racecourse (53), R. Blythe Oxbow (61) & Paul's Ford, Attleborough (72)</i> | |
| | | | ✓ |
| Historical Value | | | |
| 1. Celebrity link | | 2. Pioneering research | |
| | | 3. Historical link | |
| Aesthetic Value In The Landscape | | | |
| 1. Local importance in the landscape | | 2. Promotion of Earth science | |
| Signed | | Date first selected 21st Nov. 2001 | |
|  I M Fenwick, Chairman, Warwickshire Geological Conservation Group | | Reviewed by LoGS panel Sept.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) | | | |

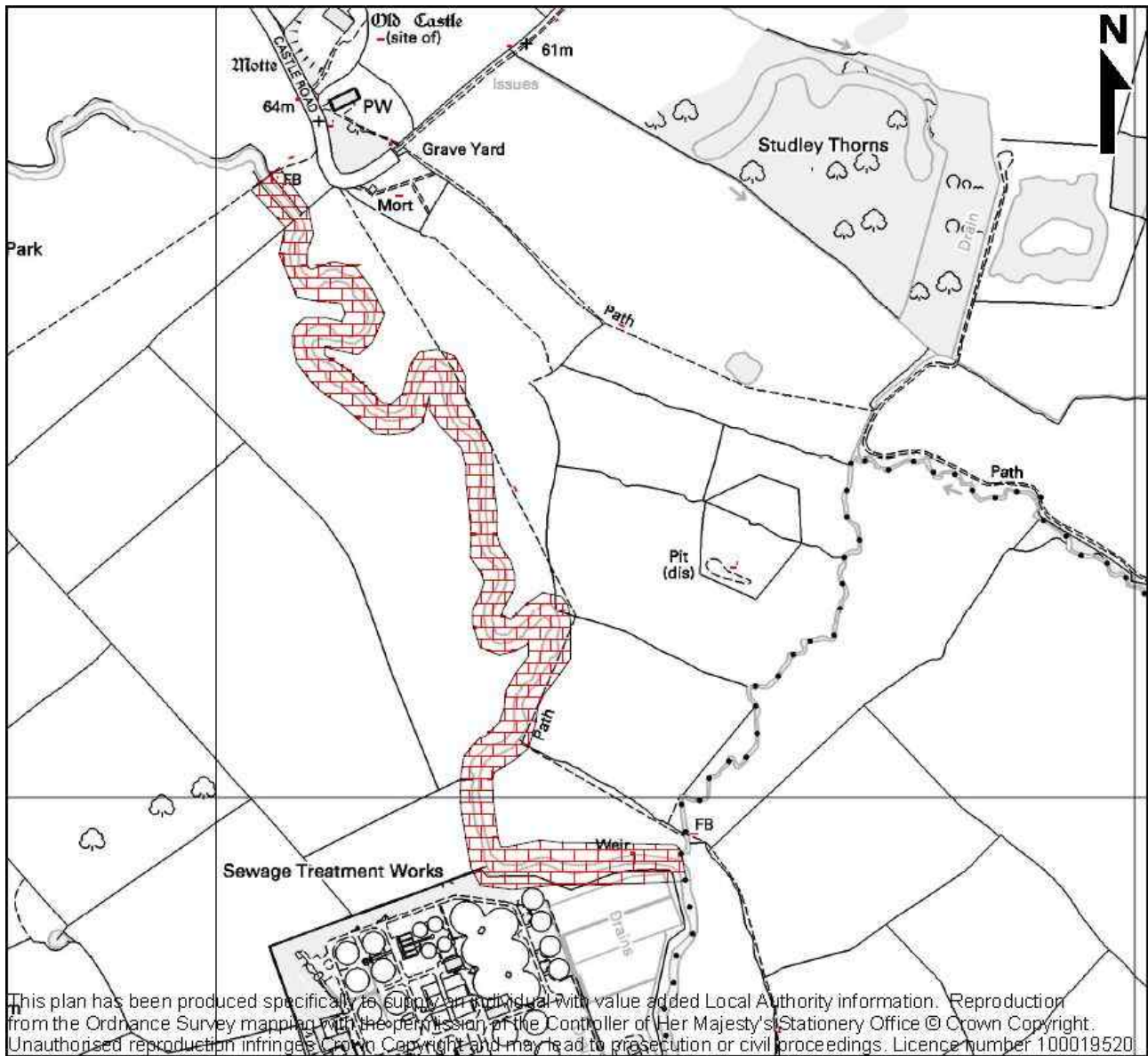
**WARWICKSHIRE GEOLOGICAL CONSERVATION GROUP
LOCAL GEOLOGICAL SITE (LoGS)**

| | | |
|---------------------------------------|-----------------------|----------------------|
| Site | 49 | River Arrow, Studley |
| Parish | Studley | |
| District | Stratford-on-Avon | |
| County | Warwickshire | |
| National Grid Reference | SP 081 637 to 085 629 | |
| Ordnance Survey Sheets 1:50000 | 150 | |
| 1:10000 | SP 06 SE | |

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|--|
| Location |
| Half a mile E. of Studley with main access adjacent to St Mary's Church. The site encompasses the river, with 10m either side, from the footbridge adjacent to the church, downstream to the weir. |

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| Summary of Interest |
| A river system with unvegetated banks and palaeochannels indicating a very active migrating channel. The stream banks are of variable texture and have provided the field lab. for a Coventry PhD thesis by Pauline Couper on the effect of texture on erodibility. The channel has a gravel bed, with riffles, pools, bars and mid-channel islands, all of which tend to migrate over short periods of time |





Link to Resurveyed LoGS document
<http://lgs.wgcg.co.uk/LoGS49-Resurvey.pdf>