



## South Wales RIGS Group Site Record

### RIGS Description

**SECTION A**

General	South Wales
<b>Site Name:</b> Spudder Bridge	<b>File Number:</b> Site_229_230_246_226
<b>RIGS Number:</b> 770	<b>Surveyed by:</b> Leanne Hughes
<b>Grid Reference:</b> SN 4339 0586	<b>Date of Visit:</b> 22 <sup>th</sup> October 2010
<b>RIGS Category:</b> Educational	<b>Date Registered:</b>
<b>Earth Science Category:</b> Geomorphology	
<b>Site Nature:</b> Floodplain	<b>Owner:</b> Unknown <b>Planning Authority:</b> Carmarthenshire County Council
<b>Unitary Authority:</b> Carmarthenshire County Council	<b>Documentation prepared by:</b> Leanne Hughes
<b>OS 1:50,000 Sheet:</b> 159	<b>Documentation last revised:</b> 5 <sup>th</sup> December 2010
<b>OS 1:25,000 Explorer Sheet:</b> 178	<b>Photographic Record:</b> Attached
<b>BGS 1:50,000 Sheet:</b> E229	
<b>RIGS Statement of Interest:</b>	
<p>This site encompasses a section of floodplain of the Gwendraeth river with a thick succession of recent alluvial deposits visible in the banks of the river. The viewpoint is next to Old Spudder bridge looking to the south. Where the meandering profile of the river and low topography can easily be seen. The relationship between topography and flooding is an important concept to understand in early geographical studies and may make a suitable field location for such an example.</p>	







**Geological setting/context:**

The floodplain sediments are composed of grey clay with tree fragments at 10m with an overall thickness of approximately 20m (Strahan 1909). These were deposited in the Holocene.

**References:**

STRAHAN, A, CANTRILL, T C, DIXON, E E L, THOMAS, H H. 1909. Geology of the South Wales Coalfield, Part X, the country around Carmarthen Memoir 229

## SECTION B

<b>PRACTICAL CONSIDERATIONS:</b> Please score Accessibility and Safety Red Amber or Green			
<b>Accessibility:</b>			X 
Comment: Lay-by next to old Spudder bridge provides ideal viewpoint			
<b>Safety:</b>			X 
Comment: Main road is fairly busy but doesn't need to be crossed			
<b>Conservation status:</b> There are no known conservation designations of this RIGS			

<b>OWNERSHIP/PLANNING CONTROL:</b> <b>Owner/tenant:</b> Unknown <b>Planning Authority:</b> Carmarthenshire County Council <b>Planning status/constraints/opportunities:</b> No known constraints
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<b>CONDITION, USE &amp; MANAGEMENT:</b> <b>Present use:</b> Arable <b>Site condition:</b> Good <b>Potential threats:</b> As a geomorphological floodplain feature it would be unlikely to be impacted upon by development <b>Site Management:</b> Trees may obscure view slightly in summer months
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<b>SITE DEVELOPMENT:</b> <b>Potential use (general):</b> Agricultural <b>Potential use (educational):</b> This site is good for demonstrating a lower course small river floodplain.
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<b>Other comments:</b>
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## Photographic Record



## Annotated Sketch

