



South Wales RIGS Group Site Record RIGS Description

SECTION A

General	South Wales
Site Name: Court Wood	File Number: Site_ 246_51
RIGS Number: 601	Surveyed by: Leanne Hughes
Grid Reference: SN 4219 0190	Date of Visit: 21 th October 2010
RIGS Category: Stratigraphic, sedimentological	Date Registered: Owner: Unknown
Earth Science Category: Sedimentological	Planning Authority: Carmarthenshire County Council
Site Nature: Disused quarry	Documentation prepared by: Leanne Hughes
Unitary Authority: Carmarthenshire County Council	Documentation last revised: 27 th January 2011
OS 1:50,000 Sheet : 159	Photographic Record: Attached
OS 1:25,000 Explorer Sheet: 178	
BGS 1:50,000 Sheet: E246	
RIGS Statement of Interest:	
<p>This site comprises of laminated sandstones in a disused quarry which dip to the south west. The base of the section inaccessible but top 5m is well exposed and can be seen from 70m away on the track. The sandstones are from the Brithdir formation and are a pale yellowish orange (weathered) coarse grained type. One of the few locations in the area where Brithdir sandstones are easily visible. The quarry shows a variety of sedimentological features within the sandstones such as cross stratification and lamination.</p>	

Geological setting/context:

The disused quarries are located in the Brithdir sandstones and appear to have been used for local building stone. The unit here is approximately 80m thick. The Brithdir Beds outcrop extensively in this area of Wales as a belt which varies in thickness around 100m wide. The sandstones are overlain by thin mudstones and the Hughes Beds.

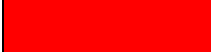



The whole sequence is of Westphalian age of the Lower Coal Measures group. The coal measures were formed in a large deltaic environment which experienced cycles of sudden subsidence causing marine flooding. Followed by a gradual 'muddying up' of the basin. These repeated cycles form the different units present such as the fluvial sandstones and swamp coal measures.

References:

SQUIRRELL, H C and DOWNING, R A. 1969. Geology of the South Wales Coalfield, Part I, the country around Newport (Mon), Memoir IGS sheet 249 (third edition)

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

PRACTICAL CONSIDERATIONS: Please score Accessibility and Safety Red Amber or Green			
Accessibility:		X	
Comment: 200m up the track from Pembrey the quarry face can be seen, access to the face is difficult because of spoil tipping			
Safety:		X	
Comment: Difficult to access base, top Visible from path			
Conservation status: There are no known conservation designations of this RIGS			

OWNERSHIP/PLANNING CONTROL: Owner/tenant: Unknown Planning Authority: Carmarthenshire County Council Planning status/constraints/opportunities: There are no known planning constraints or opportunities
--

CONDITION, USE & MANAGEMENT: Present use: None Site condition: Good but encroached by vegetation Potential threats: Site Management: Needs site clearance
--

SITE DEVELOPMENT: Potential use (general): Potential use (educational):
--

Other comments:

Photographic Record

