

LONGFORD - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	Creeve Quarry		
Other names used for site			
IGH THEME	IGH8 Lower Carboniferous		
TOWNLAND(S)	Creeve		
NEAREST TOWN/VILLAGE	Longford		
SIX INCH MAP NUMBER	14		
NATIONAL GRID REFERENCE	618270E 776200N		
1:50,000 O.S. SHEET NUMBER	41	GSI Bedrock 1:100,000 Sheet No.	12

Outline Site Description

A long disused quarry with adjacent wooded knoll of exposed rock.

Geological System/Age and Primary Rock Type

The quarry and the adjacent natural knoll show a section of Lower Carboniferous (Viséan) limestone rocks extending upwards from the upper part of the Tober Colleen Formation (basal Calp limestone) into thicker beds of the Lucan Formation, with the basal contact of an overlying Waulsortian mudmound also included.

Main Geological or Geomorphological Interest

The quarry and the adjacent natural knoll show a section of Lower Carboniferous (Viséan) limestone rocks. At the base of the quarry face the upper part of the Tober Colleen Formation (basal Calp limestone) is exposed, going up into thicker beds of the Lucan Formation, with a thin yellowish-grey volcanic ash band also recorded in the middle of the stratigraphical section.

The basal contact of an overlying Waulsortian mudmound is also included. This is seen in an isolated knoll about 100m north of the quarry, with a face of up to 4m of crinoidal limestone.

Site Importance – County Geological Site

This is a good representative exposure of the Lower Carboniferous rocks in Longford, with a variety of rock types which were formed in different settings, and is useful in a county where rocks are generally poorly exposed.

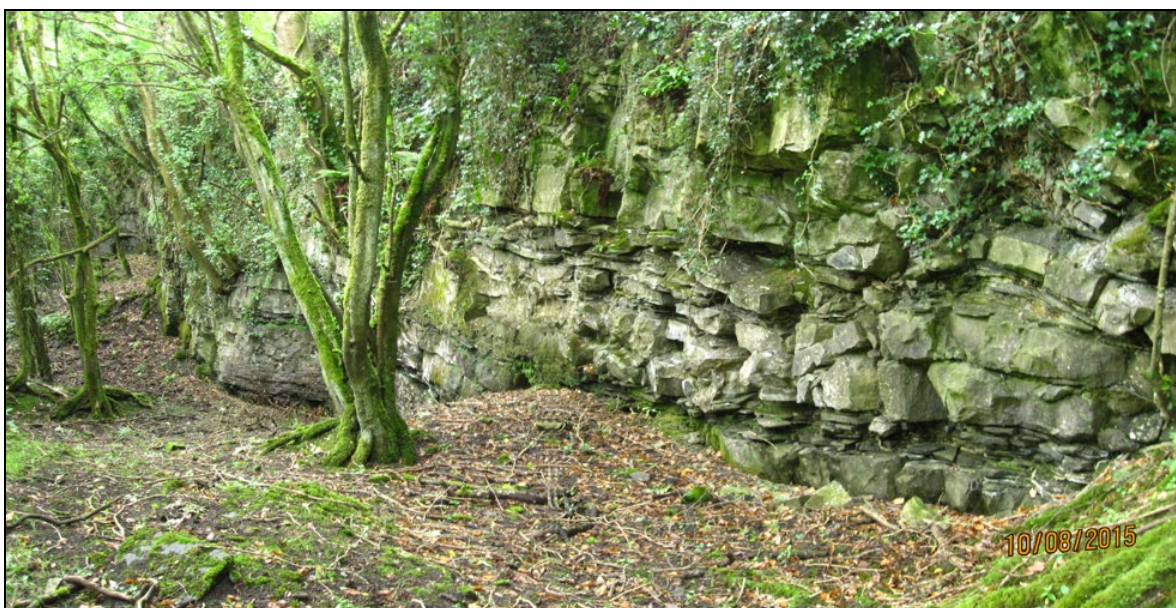
Management/promotion issues

The quarry is fenced off by the landowner from the adjacent fields used by cattle. It is quite wooded in the floor and has a ponded section adjacent to the road, but well hidden by hedges and trees, and all fenced off. It is of interest primarily to geologists.

To the northeast (618490E 776400N) of the defined site there is a further section of a disused quarry which was not visited nor indicated in discussion with the landowner, and which appears to be quite shallow from the aerial photos.



The Waulsortian mudmound exposed in the rocky knoll to the north of the quarry at Creeve.



The main quarry face exposed in the quarry at Creeve, looking north.



The wooded knoll with Waulsortian mudmound north of the quarry at Creeve.



The main quarry face exposed in the quarry at Creeve, looking south.

