

CORK - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	Bweeng Quarry		
Other names used for site	Carrigcleena Quarry		
IGH THEME	IGH10 Devonian		
TOWNLAND(S)	Carrigcleena More		
NEAREST TOWN/VILLAGE	Bweeng		
SIX INCH MAP NUMBER	41		
ITM CO-ORDINATES	552450E 590500N		
1:50,000 O.S. SHEET NUMBER	80	GSI BEDROCK 1:100,000 SHEET NO.	21
GIS CODE	CK027		

Outline Site Description

Large active quarry.

Geological System/Age and Primary Rock Type

Devonian Old Red Sandstone and siltstone of the Ballytrasna Formation and tuff of the Carrigcleenamore Volcanics unit.

Main Geological or Geomorphological Interest

Bweeng Quarry is a large active quarry in Ballytrasna Formation, Devonian Old Red Sandstone, red and green sandstone and siltstone. The quarry is operated by Lagan Cement, having previously been owned by Buckley's. The sandstone and siltstone are high-PSV rocks and are mainly produced for high-specification road surfaces.

The southern end of the quarry footprint is coincident with the mapped outcrop area of the Carrigcleenamore Volcanic unit. Bedded tuffs of this unit are visible in the south wall of the quarry, above the ORS rocks. These were previously quarried and, when mixed with the ORS material, improved the PSV of the quarry product. Above the southeastern corner of the quarry the main outcrop of the Carrigcleenamore Volcanic unit is preserved (see Carrigcleena CGS report).

Site Importance – County Geological Site

This site provides a large section through the Devonian Old Red Sandstone succession in the north Cork area. The presence of tuffs of the Carrigcleena Volcanic unit, which has a very restricted occurrence, adds to the interest of the site. It is recommended as a County Geological Site.

Management/promotion issues

The site is a busy active quarry, undergoing continued excavation by lowering of the quarry floor. Access is by arrangement with the quarry manager. As it is likely to be of interest only to professional geologists and researchers, further promotion is not warranted.



Bweeng Quarry, view of quarry floor and south wall.



Bweeng Quarry, southeast side: cream-coloured rock at top is tuff. Outcrop of Carrigcleenamore Volcanic unit in Clarrigcleena CGS site is on top of rock spur on left.

