

# KILKENNY - COUNTY GEOLOGICAL SITE REPORT

<b>NAME OF SITE</b>	<b>Granny Quarry</b>		
Other names used for site			
<b>IGH THEME:</b>	IGH8 (Lower Carboniferous)		
<b>TOWNLAND(S)</b>	Granny		
<b>NEAREST TOWN</b>	Waterford		
<b>SIX INCH MAP NUMBER</b>	43		
<b>NATIONAL GRID REFERENCE</b>	257770 114940 = S 5777 1494		
<b>1:50,000 O.S. SHEET NUMBER</b>	76	<b>1/2 inch Sheet No.</b>	19

## Outline Site Description

A disused quarry.

## Geological System/Age and Primary Rock Type

Lower Carboniferous limestone and shale of the Ballymartin and Ballysteen Formations.

## Main Geological or Geomorphological Interest

This disused quarry in the townland of Granny shows good sections of Lower Carboniferous fossiliferous limestone and shale similar to the Hook Head rocks found in Wexford along the south coast. Karst weathering features can be observed in localised areas around this site.

## Site Importance

This site exposes Lower Carboniferous rocks that would not otherwise be seen in this area and therefore this site is proposed as a County Geological Site.

## Management/promotion issues

Access to the quarry is through a locked gate along the N24. To the east, adjacent to the site is a temporary quarry excavated by Ascon. It is being used for the extraction of fill material for the new Waterford bypass. Although close to the old quarry faces, the new excavations have not yet affected them. If they do extend and affect the Granny Quarry it would probably result in new or additional rock faces, and fresh exposures. This site is not suitable for general promotion unless appropriate arrangements have been made with the owner.



Left: Karst weathering features seen on an exposed limestone section.

Right: Easily observed sections of Lower Carboniferous rocks within Granny Quarry.

# Granny Quarry

