# **TIPPERARY - COUNTY GEOLOGICAL SITE REPORT**

NAME OF SITE Other names used for site IGH THEME TOWNLAND(S) NEAREST TOWN/VILLAGE SIX INCH MAP NUMBER ITM CO-ORDINATES 1:50,000 O.S. SHEET NUMBER 67 **Ballyrichard Quarry** 

IGH8 Lower Carboniferous Ballyrichard Drangan, Mullinahone 63 629365E 641070N GSI BEDROCK 1:100,000 SHEET NO. 18

**Outline Site Description** 

A small, very overgrown, disused quarry.

## Geological System/Age and Primary Rock Type

The quarry was excavated in Carboniferous limestone, from around 340 million years ago. It is mapped as the Clogrenan Formation which is a widespread formation in SE Ireland and which is composed of a generally clean crinoidal limestone.

## Main Geological or Geomorphological Interest

In this particular disused quarry there were 11 m of limestone beds exposed. They are recorded as well bedded limestone with a variety of facies represented including shallow subtidal to subaerial environments. They include palaeokarstic horizons. Some of these lithological facies represented in the quarry are not found in other successions.

## Site Importance – County Geological Site

The unusual variety of different facies represented in the quarry make it worthy of recognition as a County Geological Site.

### Management/promotion issues

The quarry is included as a County Geological Site, but the exposures are heavily obscured by dense vegetation growth, mostly trees. Some major clearance is required to make the rock exposures available again, or else a resumption of quarrying.



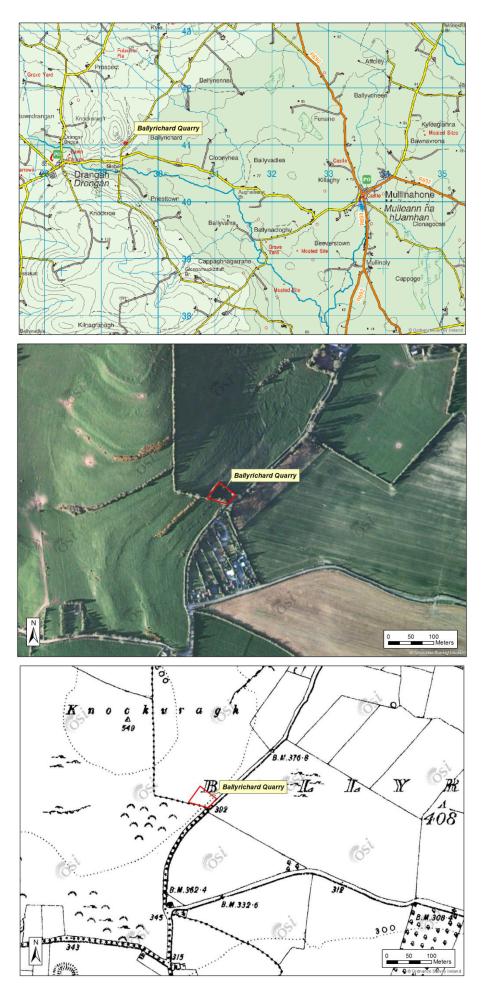
A view of the Ballyrichard Quarry faces showing how overgrown it is.



A view into the Ballyrichard Quarry.



A view of the Ballyrichard Quarry entrance.



Gallagher et al. 2019. Geological Survey Ireland.