

CLARE - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE

Magowna

Other names used for site

Magowna Castle

TOWNLAND(S)**NEAREST TOWN**

Kilnamona

SIX INCH MAP NUMBER

Clare 25

NATIONAL GRID REFERENCE

128340 182192 = R 283 822

1:50,000 O.S. SHEET NUMBER

57

1/2 inch Sheet No.

17

Outline Site Description

Waterfall exposure of the limestone/shale contact.

Geological System/Age and Primary Rock Type

Carboniferous limestones and Clare Shales.

Main Geological or Geomorphological Interest

The junction between the Carboniferous Limestone and the Clare Shales can be seen in the waterfall, almost half a kilometre northwest of Magowna Castle. This is an interesting site and demonstrates well the contrast between the two different rock types. According to Hodson and Lewarne (1961), this exposure does not provide any faunal evidence with which to date the rocks but their age can be assumed from the relationships between the two rock types. Interesting microfossils have been found at this site.

Site Importance

The site is of County Geological Site importance and may be proposed for NHA designation under the IGH 3 Carboniferous-Pliocene Palaeontology theme, the IGH 8 Lower Carboniferous theme and the IGH 9 Upper Carboniferous and Permian theme of the GSI's IGH Programme.

Management/promotion issues

No observable damaging operations. However, the access and exposure is poor due to vegetation, for some distance upstream and downstream.



The map displays a complex network of townships and localities. Key townships labeled include KILKEENAN, DRUMM, MAGOWNA, and CAHERBAN. Other notable locations are Cahirmagennis, Caherlagh, Caherban, and Caherbanagh. The map features numerous contour lines representing elevation, with peaks marked at 1000, 900, 800, and 700 feet. A prominent black line highlights a specific area, likely the site of the proposed railway mentioned in the text. The map is oriented with North at the top.