

# CLARE - COUNTY GEOLOGICAL SITE REPORT

<b>NAME OF SITE</b>	<b>Rinnamona</b>
Other names used for site	
<b>TOWNLAND(S)</b>	Rinnamona
<b>NEAREST TOWN</b>	Corofin
<b>SIX INCH MAP NUMBER</b>	10, 17
<b>NATIONAL GRID REFERENCE</b>	Rinnamona 1: 129690 194040 = R2969 9404 Rinnamona 2: 129810 194190 = R2981 9419 Rinnamona 3: Rinnamona 4: 129580 193950 = R2958 9395 Centre point: 129650 194005
<b>1:50,000 O.S. SHEET NUMBER</b>	51 <b>1/2 inch Sheet No.</b> 14

## Outline Site Description

Mushroom rocks – isolated wave worn stones in grazing fields

## Geological System/Age and Primary Rock Type

Although the limestone is of Carboniferous age, the probable development of the undercut lips and mushroom shapes is a postglacial development.

## Main Geological or Geomorphological Interest

The four stones in question are an example of a phenomenon classed as mushroom stones. These are thought to have formed when lakes existed for periods long enough for water to dissolve the limestone below the lake level. Emergent limestone above the lake level was not dissolved. In some stones such as at Rinnamona, this has created a marked smooth surface below a lip, whilst in more extreme cases a mushroom shape develops with a cap on a pedestal. These lakes are thought to have probably existed from around the end of the Ice Age when water levels were much higher. In some cases the present day lakes probably had a wider extent, but in others the lake has entirely disappeared. In some cases an alternative explanation that the stem of the mushroom was buried by bog has been made, but this seems unlikely for Rinnamona.

## Site Importance

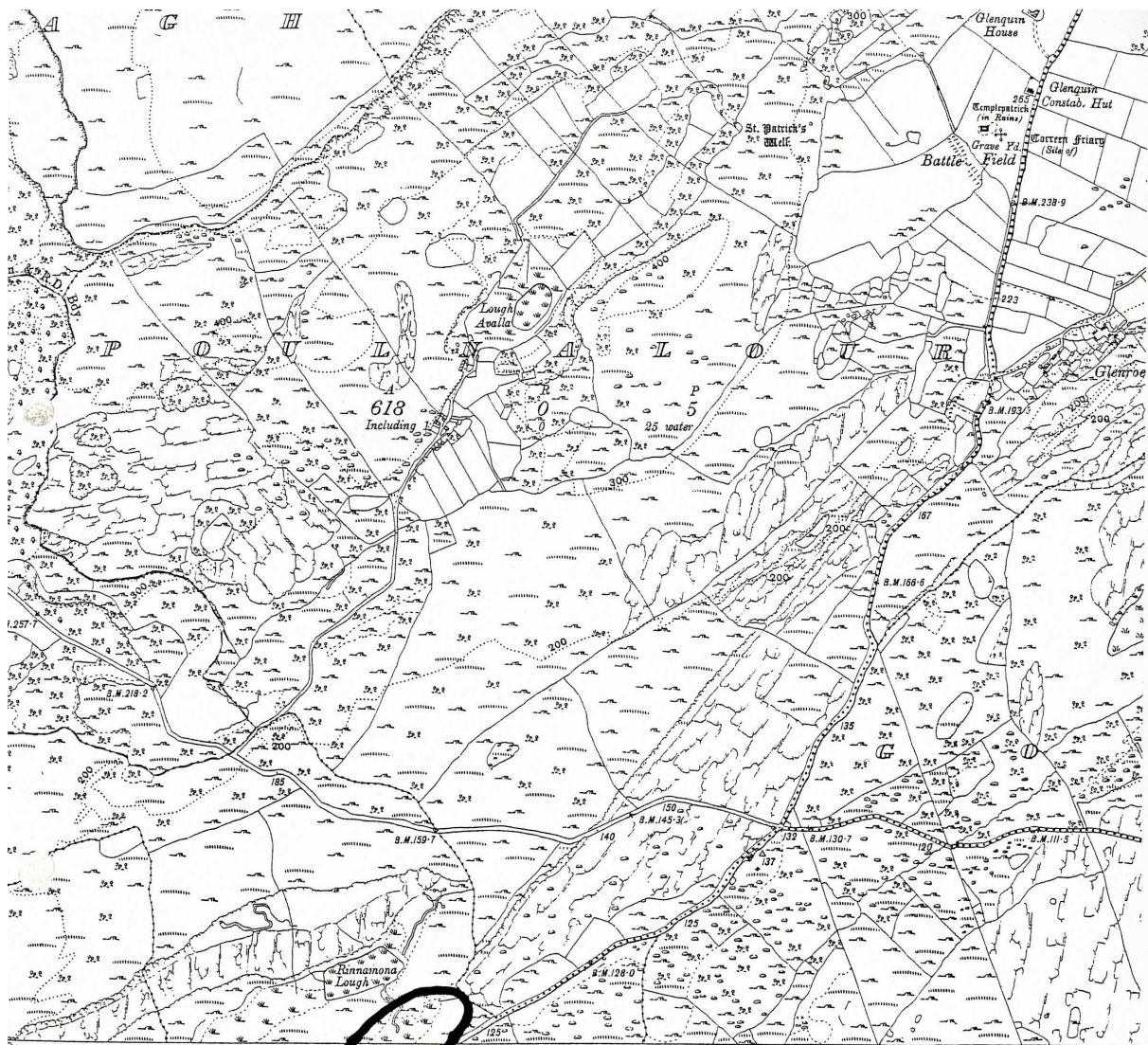
The site is of County Geological Site importance under the IGH 1 Karst theme of the GSI's IGH Programme. The stones at Rinnamona comprise a few of only about 63 mushroom stones known in the country as a whole.

## Management/promotion issues

The subtlety of the wave worn features means that the stones are vulnerable to field clearance, agricultural 'improvement' or road widening as well as the use of the field as a building site for a new house although the low lying wet ground makes this unlikely.



Rinnamona



RA TP

From Corroon  
RINNANNA TP

KNOCKAUNROE TP  
17 (E. D. Glenroe)

Compiled and Printed by the Ordnance  
Director at the Ordnance Survey C

Altitudes are referred to Ordnance Survey Datum, which is a Low Water of Spring Tides observed in C  
Altitudes indicated thus (B.M. 154.7) refer to Bench Marks on Buildings.

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