CLARE - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE                               Tuamgraney
Other names used for site
TOWNLAND(S)                                Tuamgraney
NEAREST TOWN                                Tuamgraney
SIX INCH MAP NUMBER                        28
NATIONAL GRID REFERENCE                    163690 183125 = R637 831
1:50,000 O.S. SHEET NUMBER                  58 1/2 inch Sheet No. 17

Outline Site Description
Isolated rock outcrop in town centre Garden of Remembrance

Geological System/Age and Primary Rock Type
Carboniferous limestone with karstic features

Main Geological or Geomorphological Interest
The green area, or Garden of Remembrance in the town centre is notable for the large tree, the memorial to Dr Edward MacLysaght (1887-1986) and the Marion Shrine. However, it is also a fine geological feature, displaying some fine beds of Carboniferous limestone, with a moderate dip of about 30 degrees to the north west. They are characterized by solution runnels called karren, down the surfaces, more usually seen in the Burren.

Site Importance
The site is of County Geological Site importance under the IGH1 Karst theme of the GSI’s Irish Geological Heritage Programme, and is a useful example in a prominent place to demonstrate local rocks and landscape processes for educational purposes.

Management/promotion issues
It is reasonably safe from damage in the centre of the town, but should be managed to maintain the geological interest as well as the Garden interest. For example, *Cotonoeaster* plants on the south side (see picture below right) should be removed before they obscure the geological interest, as there is plenty of surrounding space for planting of interest.