

FINGAL - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	Feltrim Quarry
Other names used for site	Feltrim Hill
IGH THEME:	IGH 8, 3 (Lower Carboniferous, Carboniferous to Pliocene Palaeontology)
TOWNLAND(S)	Feltrim
NEAREST TOWN	Swords
SIX INCH MAP NUMBER	12 & 15
NATIONAL GRID REFERENCE	320300 244400 = O 203 444
1:50,000 O.S. SHEET NUMBER	50 1/2 inch Sheet No. 13

Outline Site Description

A working quarry on Feltrim Hill.

Geological System/Age and Primary Rock Type

Lower Carboniferous (Waulsortian) limestone with shale from the Tober Colleen Formation.

Main Geological or Geomorphological Interest

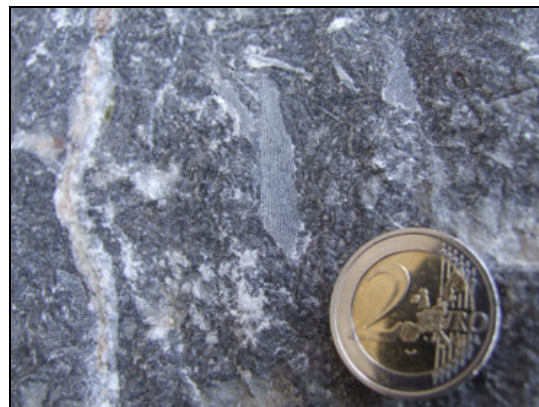
Feltrim Hill quarry is contained within a Waulsortian mudmound complex where quarrying has been active since the eighteenth century. Due to the quarry's constant activity through the years it has provided excellent exposure of the Dublin Basin Waulsortian rocks and Viséan shale. This site has a diverse range of macro- and microfauna and is the type locality for some fossil species.

Site Importance

The extensive exposures of Feltrim Quarry, showing Lower Carboniferous stratigraphy with its diverse fauna make this site nationally important. According to the quarry manager, many of the faces that contained fossils are now gone but during this audit many faunal species were still observed. This site lies within the existing Feltrim Hill pNHA (1208).

Management/promotion issues

This is a large working quarry and is therefore a hazardous environment. This site is not suitable for general promotion without appropriate arrangements being made with Roadstone.



Left: Eastern section of Feltrim Quarry showing exposed faces of Waulsortian Limestone and the darker Viséan Shale (top right corner) of the Tober Colleen Formation.
Right: Fossilised fauna within the Waulsortian Limestone. This delicate fossil is known as a bryozoan.

Feltrim Quarry

