

CORK CITY - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	Inniscarra Bar		
Other names used for site			
IGH THEME	IGH 7 Quaternary		
TOWNLAND(S)	Garravagh		
NEAREST TOWN/VILLAGE	Inniscarra, Garravagh		
SIX INCH MAP NUMBER	73-3		
ITM CO-ORDINATES	557125E 571420N		
1:50,000 O.S. SHEET NUMBER	87	GSi BEDROCK 1:100,000 SHEET NO:	25

Outline Site Description

A cliff section composed primarily of outwash gravels and sands.

Geological System/Age and Primary Rock Type

Interpreted as outwash deposits, the cliff here marks a period of glacial melt during the Pleistocene of the Quaternary.

Main Geological or Geomorphological Interest

Found on the northern limb of the Cork Syncline, a considerable distance up the margin of the ENE-WSW trending valley, this outcrop records glacial deposition in the area. Typically, in this region there are thicker (up to 30m) meltwater deposits in the valleys, and thinner (1-3m) till deposits on the ridges. The outwash gravels and sands at this locality are interbedded with occasional thin sand layers and lenses, and show evidence of easterly depositional currents. Located high up on the valley margin, it is inferred that the whole valley would have been infilled to at least this height with outwash deposits, indicating a large volume of sediments were subsequently removed during the Holocene. Gravels have historically been quarried at this locality.

Site Importance - County Geological Site

This site is a good example of the Quaternary glacial outwash deposits in Cork City.

Management/promotion issues

The cliff section is found behind a garage, and a wall built at the base of the exposed face blocks access. This site is not suitable for further promotion.



The glacial deposits are found behind a petrol station, with a tall wall and vegetation limiting access to the face.

