

FINGAL - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	Walshestown Stream Section.		
Other names used for site			
IGH THEME:	IGH 9 (Upper Carboniferous and Permian)		
TOWNLAND(S)	Walshestown, Rowans Little		
NEAREST TOWN	Naul		
SIX INCH MAP NUMBER	4		
NATIONAL GRID REFERENCE	317300 258300 = O 173 583		
1:50,000 O.S. SHEET NUMBER	43	1/2 inch Sheet No.	13

Outline Site Description

Rock exposures in the banks of a stream over a distance of 1.5km.

Geological System/Age and Primary Rock Type

Upper Carboniferous (Namurian) shale, sandstone and limestone of the Walshestown and Balrickard Formations.

Main Geological or Geomorphological Interest

A small deeply incised stream at Walshestown has exposed long sections of dark shale, which is occasionally interbedded with limestone and sandstone. This stream section displays excellent bedding, jointing and the occurrence of a fault. The rocks here, although mostly fresh, in places show several stages of mechanical weathering. A number of small waterfalls, with plunge pools occur along the length of this stream. A small tunnel, which allows the stream to flow under a third class road, displays some of the best exposed rocks of this section.

Site Importance

Natural well exposed outcrops such as this stream section are rare and can be used by earth scientists as teaching localities and for mapping purposes. This stream section is therefore recommended as a County Geological Site.

Management/promotion issues

The land is heavily forested and is private property; it is therefore not suitable for general promotion.



Above: Thinly interbedded shale and limestone (foreground) with a small waterfall and plunge pool (background) cutting into the surrounding bedrock.

Walshestown Stream Section

