

MEATH - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	Boyne River, Trim		
Other names used for site			
IGH THEME:	IGH14 (Fluvial/Lacustrine Geomorphology)		
TOWNLAND(S)	Numerous		
NEAREST TOWN	Trim		
SIX INCH MAP NUMBER	31, 36, 37		
NATIONAL GRID REFERENCE	284350 258560 = N 8435 5856		
1:50,000 O.S. SHEET NUMBER	42	1/2 inch Sheet No.	13

Outline Site Description

A section of the Boyne River.

Geological System/Age and Primary Rock Type

River with anastomosing (distributary) channels.

Main Geological or Geomorphological Interest

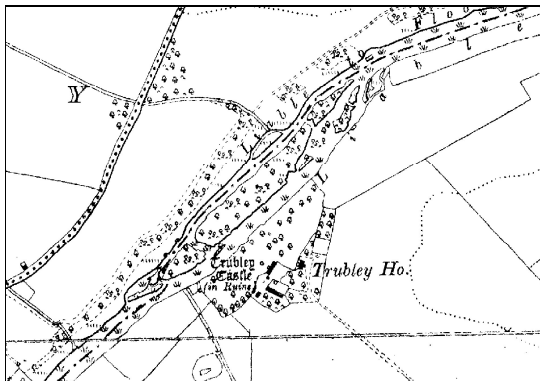
Along a 5.5km stretch of the Boyne River, just east of Trim are a number of sub-parallel distributaries known as anastomosing channels. These channels separate from the main river and may flow parallel to it for several kilometres before rejoining it. In the case of this site the anastomosing channels only run for a couple of hundred meters at any one time. These channels tend to form in areas of low relief with shallow gradients and generally have thick clay and silt banks.

Site Importance

This is one of the few examples of an anastomosing channel system in Meath and is therefore recommended as a County Geological Site. Anastomosing channels are not common nationally.

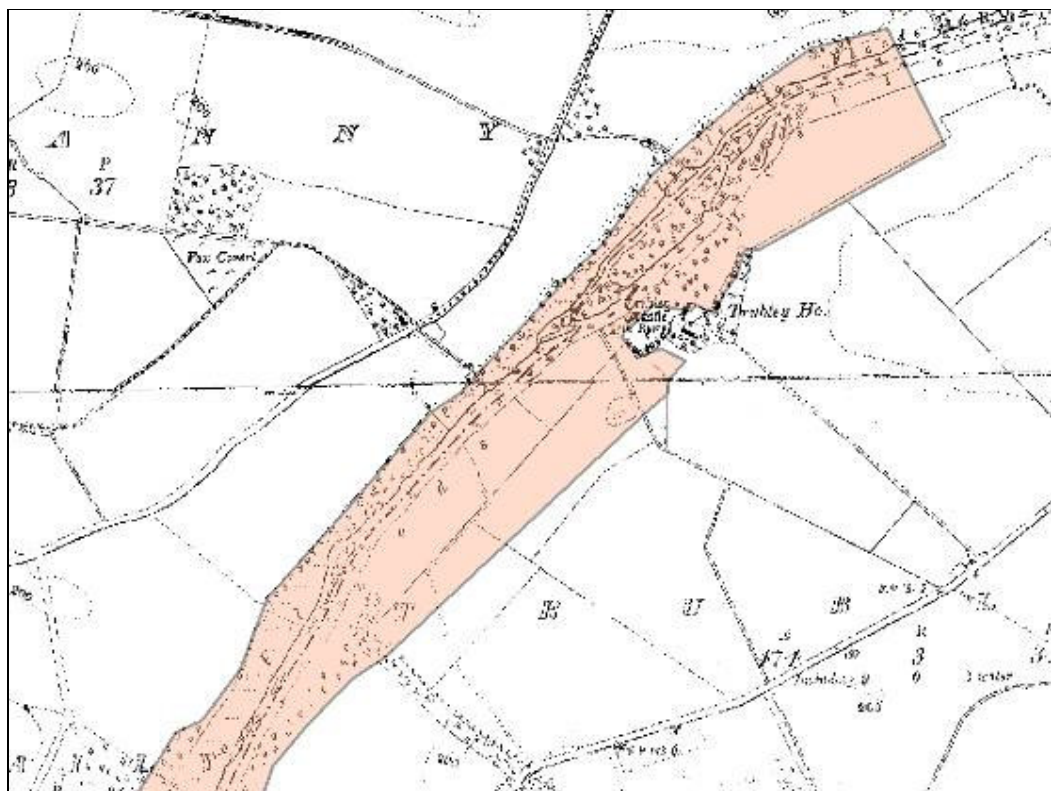
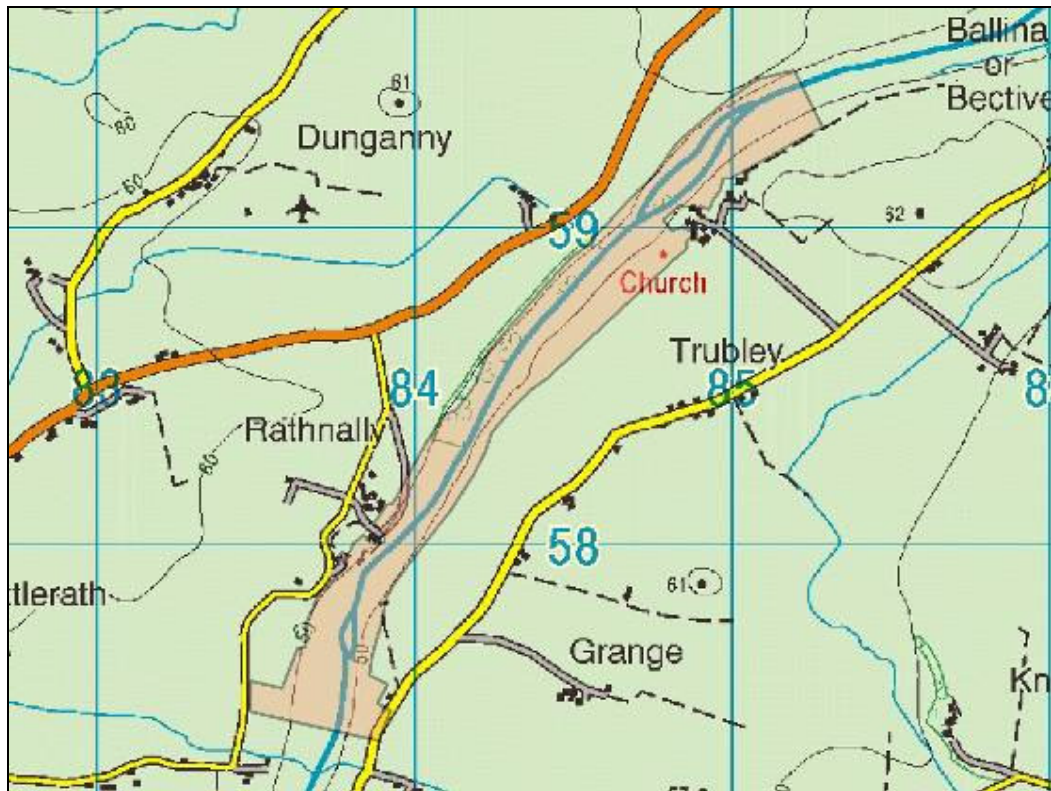
Management/promotion issues

Although these channels can be accessed in some areas, the feature is not readily recognisable from the ground. The use of aerial photography and the old six inch maps are probably the best way to distinguish these features.



Above: Six inch base map and aerial photograph of a representative section of the River Boyne, displaying anastomosing channels.

Boyne River, Trim



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