

rine or possibly a fluvial phase of the formation formed near the head of the Roanoke estuary as it existed in Wicomico time or in the flood plain of a river entering that estuary.

The upper part of the 70-foot bluff at Palmyra Landing in Halifax County is to be correlated with this formation. It is described as follows:

	FEET.
Yellow, sandy clay.....	12
Loose, interbedded, white and yellow cross-bedded sands, with numerous clay laminae towards base in places.....	12
Compact, drab clay, containing indeterminable plant fragments...	3
Gravel band with occasional cobbles 6 inches in diameter.....	1½

The Wicomico materials above described rest unconformably upon Miocene sands.

The character and relations of the formation at Blue Banks Landing, Tar River, 7 miles above Greenville in Pitt County, may be seen by referring to the section on page 221.

The following section is exposed in a road-cut 1 mile southwest of Old Sparta in Edgecombe County (see Tarboro quadrangle; see, also, Plate IX, B, opposite p. 209):

SECTION 1 MILE SOUTHWEST OF OLD SPARTA, EDGECOMBE COUNTY, N. C.

Pleistocene (Wicomico formation):

	FEET.
Yellow, sandy clay, grading down into very coarse, yellow argillaceous sand, cross-bedded in places at base.....	8
(Unconformity.)	

Miocene:

Yellow and red, fine sand and drab clay.....	17
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CHOWAN FORMATION.

Name.—The name Chowan is derived from Chowan River, N. C., to the south of which in Hertford County the plain forming the surface of the formation is typically developed.

Definition.—The deposits of this formation cover a belt varying in width from a few miles to about 25 miles lying to the southeast of that described for the Wicomico formation, and extending interruptedly from Virginia to South Carolina. The northwestern extent of the main area of the formation is limited by the seaward-facing escarpment previously described as forming the southeastern boundary of the Wicomico terrace. However, wide reëntnants extend up all the larger rivers, in some instances reaching entirely across the area occupied by the Wicomico deposits. (See geologic map, Plate XIII, in pocket.)

The eastern boundary is marked by a well-defined sea-facing escarpment which separates the Chowan terrace plain from the lower-lying