

Miocene:

	FEET.
Yellow, finely laminated clay.....	4

On Cape Fear River the Pleistocene deposits exposed at the tops of the high bluffs, at Prospect Hall, Court House Landing, and Walker's Bluff, are believed to represent this formation. (See pp. 116, 118, 121.) The Pleistocene materials at the top of the bluff known as "The Cliffs" on Neuse River, $1\frac{1}{2}$ miles above Seven Springs in Wayne County, also probably belong to this formation (p. 134).

WICOMICO FORMATION.

Name.—The name Wicomico is derived from the river of that name in Charles and St. Marys counties, Maryland, where the formation is well developed. It was first proposed by Dr. G. B. Shattuck¹ in 1901.

Definition.—The Wicomico formation has been traced as a well-defined terrace from Maryland, where it was first differentiated and named, through Virginia and North Carolina. In North Carolina it appears as a surficial terrace deposit in a belt lying to the southeast of that of the Sunderland formation and extending from the Virginia line to the South Carolina line. But little is known of the southward extension of the formation into South Carolina. The average width of the terrace in North Carolina is between 25 and 30 miles, although in places it is somewhat wider and elsewhere narrower. Reëntnants from the formation extend up the valleys of all the principal rivers as bordering terrace deposits several miles in width, in places entirely across the Sunderland belt. The western boundary of the main Wicomico belt as a whole is formed by the seaward-facing escarpment previously described as limiting the Sunderland belt on the southeast. As before stated, this escarpment has been traced in detail only within the limits of the Falkland and Tarboro quadrangles. Elsewhere its position is known only approximately, and in all probability it is very obscure at many places. The estuarine extensions which border the rivers are in most places separated from the higher Sunderland plain by sharply defined escarpments. On the southeast the Wicomico terrace is limited by an ocean-facing slope or escarpment which has been traced with approximate accuracy on the New Bern, Vanceboro, Chocowinity, Williamston, Edenton, and Beckford quadrangles. In places it is well defined, but elsewhere the plain grades down rather gradually into the next lower or Chowan Plain. Outside of these quadrangles the boundary has been traced only approximately. Wide reëntnants from the

¹Johns Hopkins Univ. Circular, No. 152, 1901, pp. 69-75; also Amer. Geol., vol. 28, 1901, pp. 67-107.