

The two lower layers of the Miocene fill a basin in the underlying Cretaceous and are only present in part of the bluff. The Miocene is separated from the underlying Cretaceous by a well-marked unconformity. (See Plate IX, B, opposite p. 209.)

Road Crossing of Sam's Branch, 5 Miles Northwest of Greenville.—Exposed along roadside is a thickness of about 15 feet of Miocene drab clay stained with iron along cracks and overlain by about 20 feet of cross-bedded coarse brown to white Pleistocene sand. This drab clay is distinctly laminated and contains lenses of coarse gray to buff sand. The clay is very sticky and is quite different in appearance from the common Miocene clay. It is similar in appearance to that exposed at Blue Banks Landing on the Tar River.

RAVINE ALONG ROAD, 1 MILE WEST OF GREENVILLE.

<i>Pleistocene</i> (?) :	FEET.
Concealed	3
<i>Miocene</i> (St. Marys) :	
Stratified interlaminated light drab and gray sand, stained with iron in places.....	8
Dark blue clay with thin partings of gray to blue sand, with some comminuted vegetable matter in the sand.....	7

Three Miles West of Greenville, West Side of Harris Mill Run.—Marl has been dug at this point and is similar to the other marl of this vicinity. Numerous sharks' teeth were found at the pit.

FOSSILS FROM 3 MILES WEST OF GREENVILLE.

GASTROPODA :	<i>Crassatellites undulatus</i> Say.
<i>Polynices heros</i> Say.	<i>Glycymeris subovata</i> Say.
<i>Turritella variabilis</i> Conrad.	<i>Glycymeris americana</i> de France.
SCAPHOPODA :	<i>Mulinia congesta</i> Conrad.
<i>Dentalium attenuatum</i> Conrad.	<i>Ostrea compressirostra</i> Say.
PELECYPODA :	<i>Ostrea sculpturata</i> Conrad.
<i>Anomia simplex</i> d'Orbigny.	<i>Pecten jeffersonius</i> Say.
<i>Astarte concentrica</i> Conrad.	<i>Venericardia granulata</i> Say.
<i>Astarte symmetrica</i> Conrad.	<i>Venus tridacnoides</i> Lamarck.
<i>Cardium laqueatum</i> Conrad.	

Two Miles West of Greenville, Along East Side of School House Branch.—At this place there is a series of old marl pits from which great quantities of marl have been taken in the past, and one pit has been worked recently. The material consists of gray to yellow argillaceous sand, containing great quantities of perfectly preserved shells, bones, and some phosphatic pebbles.