

Tar River, 1 1-2 Miles Below A. C. L. Railroad Bridge.—At the turn in the river, about 3½ feet of blue Miocene sand appears below about 10 feet of loamy iron-stained Pleistocene sand, the lower foot of which is decidedly pebbly.

SHILOH MILLS, TAR RIVER.

Pleistocene:

	FEET.
Brown sandy loam, grading downward into brown sand containing numerous very small pebbles, sand distinctly laminated.....	10

Miocene (St. Marys):

Blue argillaceous fine sand.....	3½
Shell bed; perfect shells in matrix of blue sand, grading downward into lower member, a few well-rounded quartz pebbles as much as 1 inch in diameter.....	3½
Fine blue sand, weathering to gray in color, containing a few shells, grading into member below.....	4
Shell bed, perfect shells containing species similar to shell bed above. Near base there is a well-defined layer of <i>Ostrea sculpturata</i> . Also, in lower part extending up 1-2 feet, are a great many well-rounded quartz pebbles, some more than an inch in diameter; pieces of lignite, 1 piece 2½ feet long and 6 inches in diameter; fragments of large bones, moderately water-worn, and large sharks' teeth.....	3-5
Undulating contact.	

Cretaceous:

Greenish-gray micaceous clay exposed to water's edge, rather low water	3½-5
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Farm of L. E. Fountain, 1 Mile Southwest of Tarboro.—Marl is found all along bed of stream, and a few shells were collected. The fossils are contained in a matrix of blue sand as along Tar River. The marl is overlain by yellowish-brown sand, which is probably blue where unweathered. Along road the Miocene is overlain by cross-bedded gray Pleistocene sand containing some small pebbles.

TOWN CREEK, SOUTH OF WIGGINS CROSSROADS.

Along the roadside the following section is exposed:

Pleistocene:

	FEET.
Mottled red and drab loam.....	2-4
Buff sand with some thin lenses of drab clay.....	4½
Coarse arkosic buff to white sand, containing thin pebble lenses in places	8-10

Miocene (St. Marys):

Blue compact and plastic clay. As it weathers there is a tendency for it to break up into thin laminæ and become drab in color, exposed	5
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