

A short distance above the bridge the Eocene limestone is well exposed. Section is as follows:

SECTION TRENT RIVER AT TRENTON.

<i>Pleistocene:</i>	FEET.
Sand and loam, with some gravel largely concealed by vegetation.	15-20
<i>Miocene</i> (Yorktown?):	
Fine, mealy, buff to orange sand.....	3-4
<i>Eocene</i> (Trent):	
Limestone or marly sand. When dry it becomes hard and firm, though not compact, but when wet it can easily be dug with the hammer. Contains <i>Bryozoa</i> , <i>Echinoids</i> , <i>Pecten</i> , <i>Ostrea</i> , and casts of numbers of other <i>Pelecypods</i> , and also <i>Gastropods</i> . Exposed to water.....	5

This limestone forms almost continuous outcrops for a distance of several miles along the Trent River in the vicinity of Trenton.

An artesian well on the property of T. A. Windley, in Trenton and on the Trent River bank, which is about 25 feet high, showed the following section:

SECTION ON PROPERTY OF T. A. WINDLEY.

<i>Pleistocene:</i>	FEET.
Loam and sand.....	25
<i>Eocene</i> (Trent):	
Soft limestone, somewhat porous.....	5
Below the above layer, sandy marl with occasional pieces of rock were encountered to bottom of well, which is in hard rock.....	68

It seems that all but the upper 25 feet is Eocene, which makes it 73 feet thick.

Beaver Creek, 2 Miles Northwest of Wilcox Bridge, on Trent River.—At this place a fine Eocene sand has been dug, evidently for building purposes. It is light greenish-gray in color. In the bank it is hard and compact, but a pile of it near the pit is very loose and soft. The sand contains numerous fossils, though these are not readily observed except on the weathered surface of the pile of sand. *Bryozoa* are most abundant, though a *Foraminifera* (*Fronicularia?*), sharks' teeth, fragments of bones, *Ostrea*, Echinoid spines and fragment of an Echinoid test were also found. Similar sand is exposed along the east side of Heath Mill Run, 1-3 mile east of Foy's Station.

Jacksonville, N. C., East End of Bridge over New River.—A hard fossiliferous Eocene limestone outcrops at this point, resting about 8 feet above high-water level.

Two and One-Half Miles South of Richland.—Where the Richland-Jacksonville road crosses a small branch a hard white limestone is