

SECTION AT A. C. L. R. R. BRIDGE A SHORT DISTANCE ABOVE
MILEPOST 94, RIGHT BANK.

Pleistocene:

	FEET.
Yellow clay loam.....	3
Yellow sand, becoming coarser towards base.....	7
Gravel band with pebbles and cobbles of all sizes up to 4 or 5 inches in diameter, and many pieces of silicified wood.....	1
(Unconformity.)	

Cretaceous:

Black Creek formation:

Laminated, cross-bedded, dark clay and gray micaceous sand, containing lignite and iron sulphide concretions.....	5
(Unconformity.)	

Patuxent formation:

Compact drab clay.....	3
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On Contentnea Creek there are occurrences of Patuxent strata from 1 mile above Woodard Bridge 8 miles south-southeast of Wilson, to within 1 mile of Contentnea in Greene County. These exposures are mostly low, at but few places rising more than 5 or 6 feet above the water, the maximum height being about 15 feet. Between the first exposure at the locality indicated and a point 2 miles below Speights Bridge the beds overlying the Patuxent formation are of Miocene age, except where the latter have been removed by Pleistocene terracing processes. The low terrace sections reveal either Pleistocene deposits overlying Patuxent beds or Pleistocene beds only. From the locality 2 miles below Speights Bridge to the last exposure of the Patuxent formation near Contentnea the sections are all cut in the lowest Pleistocene terrace, and reveal at their base either Patuxent beds alone, or Patuxent beds overlain unconformably by Black Creek beds, or Black Creek beds only. The undulating contact rises and falls above and below the water level in such a manner as to reveal one or the other or both of the formations, the Patuxent, however, finally passing beneath the overlapping Black Creek beds about 1 mile above Contentnea. (For sketch map of Contentnea Creek, see Fig. 4, p. 96.)

A detailed account of the Contentnea Creek exposures is given below.

The first appearance of the Patuxent formation is at a point about 1 mile above Woodard Bridge, Wilson quadrangle, the section being as follows:

SECTION 1 MILE ABOVE WOODARD BRIDGE, RIGHT BANK.

	FEET.
Concealed, but in part Pleistocene and in part Miocene.....	20-25
<i>Miocene:</i>	
Dark drab clay, with soft casts. Pebble band at base.....	2
(Unconformity.)	