

Cretaceous (Patuxent formation):

	FEET.
Drab, iron-stained, sandy clay, grading down into coarse, gray, gravelly, arkosic sand, containing some mica.....	8
Hard, drab, iron-stained (yellow and red) sandy clay, becoming more sandy towards base and grading into next layer below...	3-5
Greenish gray, arkosic, micaceous sand (very micaceous in places, especially towards base).....	10
Dark greenish drab clay.....	4
Very hard, coarse, iron-stained, argillaceous sand.....	10
Yellowish drab clay, becoming sandy at top, mottled in places with dark-red iron stain.....	6
Concealed to water's edge by landslide.....	28-30

From this point to and beyond Fayetteville the present flood plain of the river is very narrow and in places almost absent. The steep banks formed by the partially indurated materials of the Patuxent formation, for the most part covered with vegetation, rise on either side to heights of 40 to 60 feet. The narrow flood plain, in most places not more than a few feet to a few rods in width, is present, as a rule, on one side of the channel only. At a few places the floods which have swept through the gorge have torn away the vegetation covering the steep slopes, revealing the outcropping Patuxent beds.

The next good exposure is at the mouth of Little River. The upper part of the bluff is terrace material continuous with that forming the terrace on which Fayetteville is built. The details of the section are as follows:

SECTION AT MOUTH OF LITTLE RIVER, RIGHT BANK.

Pleistocene:

	FEET.
Reddish loam, grading down into hard, reddish sandy clay.....	6
Concealed by talus.....	10
Gravel band not well exposed, with large pebbles and cobbles and some large erratic boulders 2 or more feet in diameter.....	2-3

(Unconformity.)

Cretaceous (Patuxent formation):

Yellow and drab, stratified, arkosic sand.....	2
Light drab, sandy clay, more sandy in the middle portion, mottled with dark-red and purple iron stain.....	5
Arkosic and micaceous sand, light gray to greenish gray, and more or less mottled with red and yellow, becoming very micaceous towards base.....	18
Greenish drab, sandy clay, mottled with dark red.....	4
Hard, greenish drab, arkosic and micaceous sand, becoming coarser at base, to water's edge.....	3

Near Wade, Cumberland County, a section is exposed on the left bank, as follows: