

SECTION BELOW PENNY HILL, LEFT BANK.

Pleistocene:

Loam and sand with gravel band at base.....	FEET. 5-6
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(Unconformity.)

Miocene:

Thin seam of loose greenish sand.....	3 in.
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(Unconformity.)

Cretaceous (Patuxent formation):

Very compact, drab, sandy clay, slightly iron-stained.....	6
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Compact, grayish-drab, micaceous, argillaceous sand.....	2
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Compact, gray, micaceous, arkosic sand, stained yellow in places..	2
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Compact, drab, micaceous, arenaceous clay stained with iron.....	2
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Compact, drab, micaceous, arkosic, argillaceous sand.....	4
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At Dupree Landing, Falkland quadrangle, the Patuxent beds appear a few feet above the water, and again above and below Parker Landing, Winterville quadrangle. About one-fourth mile above Parker Landing the following interesting section was taken:

SECTION ABOVE PARKER LANDING LEFT BANK.

Pleistocene:

Yellow sand, becoming coarse and cross-bedded at base.....	FEET. 7
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(Unconformity.)

Cretaceous:

Black Creek formation:

Dark to black, laminated, micaceous, sulphur-stained clay with partings of fine micaceous sand, containing lignite and iron sulphide concretions. This deposit appears to occupy a depression in the surface of the Patuxent formation, although the relations are not very clear.....	0-6
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(Unconformity.)

Patuxent formation:

Gray, arkosic, micaceous sand, compact in places, and loose, stratified, and iron-stained in others, containing occasional pieces and seams of lignite.....	5-10
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Dark drab, compact, slightly micaceous arenaceous clay, irregular in exposed thickness along base of bluff.....	0-3
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About $\frac{1}{8}$ mile below Parker Landing the Patuxent formation makes its last appearance on Tar River, a few feet of compact drab clay being revealed at low water, overlain by several feet of laminated sand and clay of the Black Creek formation, the latter containing characteristic Black Creek plant remains (see description, p. 142.)

The following section of a well at Tarboro which was drilled under the auspices of the city government, by the Sydnor Pump and Well Company, of Richmond, Virginia, was made from a record furnished by John A. Weddell, Treasurer of the Board of Public Works of that city: