

SECTION JUST EAST OF CHINQUAPIN BRIDGE ON CHINQUAPIN CREEK,
HERTFORD COUNTY.*Pleistocene:*

Buff-brown sandy clay loam.....	FEET.
	5

Miocene (St. Marys):

Fine buff to gray stratified sand; no fossils observed.....	10
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Sections Along the Roanoke River and Tributaries.—In a ravine, tributary to Quankey Creek, just to the south of the town of Halifax, the following section is exposed:

SECTION AT HALIFAX, N. C.

Pleistocene:

Loose white sand, containing a few pebbles at the base.....	FEET.
	5½

Miocene (St. Marys):

Light drab arenaceous and micaceous clay stained yellow in places, grading downward into next member.....	3½
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Light yellow to white interlaminated micaceous sand and drab clay	4
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Irregularly stratified dark blue plastic arenaceous and micaceous clay, arkosic in places.....	7-8
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Partly concealed drab to gray plastic clay, containing considerable coarse arkosic sand in places.....	10
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Dark bluish-green plastic clay, containing flakes of mica and some rather coarse sand and small pebbles; very compact.	
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Forms a vertical wall over which the water falls.....	4
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Dark green argillaceous sand.....	10-12
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Shell marl, the shells inclosed in a matrix of dark bluish-green sand. The molluscan fossils are varied and abundant and constitute the larger portion of the marl, though there are many vertebrate bones present. This rests unconformably upon the irregular surface of rotten granitic rock. Some pebbles and even large boulders are found in the marl, to one of which a number of barnacles were attached.....	2-6
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Pre-Cambrian crystallines:

Decayed granitic rock.....	10-15
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FOSSILS FROM HALIFAX, N. C.

CRUSTACEA:

Balanus concavus Bronn.*Fissuridea marylandica* Conrad.*Fissuridea redimicula* Say.

GASTROPODA:

Calliostoma philanthropus Conrad.*Polynices heros* Say.*Calliostoma philanthropus* var. *basicum* Dall.*Scala marylandica* Dall.*Crepidula aculeata* Gmelin var. *costata* Morton.*Teinostoma nanum* H. C. Lea.*Tornatina canaliculata* Say.*Crepidula fornicata* Say.*Turritella variabilis* Conrad.*Crucibulum grande* Say.

SCAPHOPODA:

Cadulus thallus Conrad.*Crucibulum costatum* var. *pileolum* H. C. Lea.*Dentalium attenuatum* Say.

PELECYPODA:

Ecphora quadricostata Say.*Anomia simplex* d'Orbigny.*Arca (Barbatia) centenaria* Say.