

Cretaceous:

Peedee sand:

	FEET.
Rusty, iron-stained sand, grading down into next layer.....	2
Dark, almost black, marine sand with some fine irregular laminae of clay	8
Dark, calcareous clay indurated at base to a rather hard rock 1 foot in thickness.....	3
Dark to black marine sand, with some fine irregular laminae of clay. Fossiliferous	4.5
Arenaceous limestone rock with fossils.....	1
Dark to black marine sand, with fine irregular laminae of clay. Fossiliferous	3
Hard limestone rock, very fossiliferous, <i>Cardium</i> being the principal form	3
Grayish and yellowish, loose, stratified sand with some irregular lime concretions	2
Concealed	3
Black Creek formation (?) :	
Dark blue, thinly laminated clay with fine sand partings, poorly preserved fossils near the top.....	10

The fossils obtained at the above locality, all of which occur above the dark laminated clay, are as follows:

U. S. G. S. LOCALITY Nos. 4158, 5369, 5369a.

<i>Serpula</i> sp.	<i>Cardium longstreeti</i> Weller.
<i>Arca</i> sp.	<i>Cardium</i> sp. (large cast).
<i>Trigonoarca cliffwoodensis</i> Weller?	<i>Lunatia obliquata</i> M. and H.
<i>Ostrea subspatulata</i> Forbes.	<i>Gyrodes</i> sp.
<i>Ostrea</i> sp.	<i>Volutoderma</i> ?
<i>Ostrea larva</i> Lamarek.	Crocodilian tooth.
<i>Ostrea</i> sp. (large).	Fish vertebra.
<i>Exogyra costata</i> Say.	<i>Lamna texana</i> Roemer.
<i>Anomia argentaria</i> Morton.	<i>Otodus appendiculatus</i> Agassiz.
<i>Anomia lintea</i> Conrad.	<i>Corax falcatus</i> Agassiz.
<i>Etea carolinensis</i> Conrad.	

From Donohue Creek Landing to Magnolia Landing, which is 15½ miles above Wilmington, the Peedee formation is exposed in many bluffs, rising to a maximum height of 40 to 50 feet above the water level. The materials consist of compact, dark green or dark gray, fine micaceous, more or less glauconitic sand, as a rule somewhat argillaceous and in many places calcareous, with occasional indurated layers. The compact nature of the beds renders them resistant to erosion, so that the bluffs are in most places steep and in some places even vertical. In many of the sections a few fossils occur scattered irregularly through the deposits and an occasional fossiliferous layer occurs.