

Section of well at plant of Clarendon Waterworks Company, Hilton Park, Wilmington, N. C., in part from samples on exhibition in glass cases at the State Museum, Raleigh, N. C., where they were examined and described by the writer, and in part from the drillers' records. The fossils were determined by Dr. T. W. Stanton:

Cretaceous:

Peedee sand:

	THICKNESS IN FEET.
1. Gray, coarse sand.....	0- 10
2-3. Yellowish-brown, argillaceous sand.....	10- 30
4. Hard, gray, calcareous sandstone rock containing shell impressions	30- 40
5. Pale yellow, calcareous sand, with small pieces of crushed sandstone, containing <i>Pecten</i> sp., <i>Ostrea</i> sp., etc.....	40- 50
6. Loose, gray sand, containing casts of <i>Cardium</i>	50- 60
7. Hard, gray, calcareous sandstone.....	60- 70
8-35. Gray, calcareous, micaceous sand, varying slightly in content of lime and mica and also in color and coarseness. Contains Echinoid fragments, <i>Ostrea larva</i> , <i>Ostrea tecticosta</i> , <i>Ostrea</i> sp., <i>Gryphaea vesicularis</i> , <i>Exogyra costata</i> , <i>Exogyra</i> sp., <i>Anomia argentaria</i> , <i>Cyprimeria</i> sp., <i>Aphrodina tippana?</i> , <i>Cymbophora lintea</i> , fragments of other bivalves, sharks' teeth.....	70- 350
36-39. Light gray, loose, calcareous, micaceous sand, containing <i>Anomia argentaria</i>	350- 390
40. Washings, depth 330 to 421 feet, consisting of broken shells and hard, gray, calcareous sandstone. Contains indurated fragments of <i>Ostrea subspatulata</i> , <i>Exogyra costata</i> , <i>Baroda carolinensis</i> , <i>Cyprimeria depressa</i> , several undetermined mollusks and sharks' teeth.	
41. Same as samples Nos. 36 to 39. Contains <i>Exogyra costata</i> , <i>Ostrea</i> sp., undescribed species of <i>Avicula</i> or <i>Gervillia</i> , <i>Anomia</i> , etc.....	390- 400
42-46. Fine, dark gray, calcareous, argillaceous, slightly glauconitic sand	400- 450
47. Light gray, loose, calcareous sand, containing fragments of <i>Ostrea</i>	450- 460
48. Gray, calcareous, micaceous, glauconitic sand with chunks of gray clay, containing fragments of <i>Ostrea</i> and sharks' teeth	460- 470
49. Washings, depth 421-485 feet, consisting of broken shells, sharks' teeth, and gray, calcareous sandstone. Contains <i>Ostrea tecticosta</i> , <i>Anomia</i> , lignite, etc.	
50-52. Loose, gray, glauconitic, slightly micaceous sand, with chunks of gray clay, containing lignite, <i>Ostrea tecticosta</i> , <i>Ostrea</i> sp., <i>Exogyra costata</i> , <i>Anomia argentaria</i> , <i>Anomia</i> sp., <i>Cardium</i> sp., <i>Corbula</i> sp., sharks' teeth, and fragments of turtle shells.....	470- 500
53. Washings, depth 495-500 feet, consisting of hard, gray, calcareous, fossiliferous sandstone.	