

	THICKNESS IN FEET.
11. Light gray, fine, loose sand.....	100-110
12-13. Light gray, very coarse, loose sand with small pieces of gray sand rock, and many small water-worn fragments of sharks' teeth, plates, etc.....	110-130
14-18. Fine, loose, light gray, micaceous sand.....	130-180
19. Very coarse, gray, slightly argillaceous, calcareous sand....	180-190
20. Marl, consisting of coarse, gray, slightly argillaceous sand, and containing <i>Ostrea larva</i> Lamarck, <i>Paranomia scabra</i> (Morton), pelecypod fragments, mainly <i>Ostrea</i> , sharks' tooth, sp. indet, etc.....	190-200
21. Sandy, argillaceous marl with one large chunk of gray, calcareous clay. The marl contains a large amount of fragmentary shell material, including <i>Exogyra costata</i> Say, <i>Ostrea</i> , etc.	200-210
22. Marl, similar to preceding, containing <i>Exogyra costata</i> Say.	210-220

Section of well near Castle Hayne, owned by Carolina Trucking Development Company, from samples furnished by the company.

Pleistocene:

1. Sample missing.

THICKNESS
IN FEET.

Eocene:

2. Coarse yellow sand and gravel and fragments of gray sandstone at 26

(Correlation uncertain).

3. Light yellow, fine-grained, calcareous, slightly micaceous sand (probably ground rock) and pieces of hard, gray, calcareous sandstone at 33

Cretaceous (Peedee sand) :

4. Pieces of hard, gray, calcareous sandstone, clear quartz sand, and small pebbles of quartz and phosphate.....at 43-10 in.
5. Missing.
6. Gray, fine-grained, calcareous, slightly micaceous sand..... 83- 98
7. Dark gray, fine-grained, calcareous, micaceous sand, with thin flakes of still darker calcareous clay..... 98-112
- 8-9. Dark gray, fine-grained, calcareous, micaceous, argillaceous, slightly glauconitic sand 112-132
10. Dark gray, finely arenaceous, calcareous clay..... 132-142
- 11-13. Similar to No. 10, but sand content slightly coarser and slightly glauconitic 142-182
- 14-20. Dark gray, fine-grained, calcareous, micaceous, slightly glauconitic and slightly argillaceous sand..... 182-285
- 21-23. Dark gray (darker than preceding), medium fine grained, calcareous, micaceous, slightly glauconitic, slightly argillaceous sand 285-315
- 24-28. Clear, loose, medium-grained, micaceous sand, a few shell fragments in No. 24, and a small undetermined oyster in No. 25 315-365