

	THICKNESS IN FEET.
14. Gray, very calcareous, very sandy clay, or very argillaceous sand	120- 130
15. Gray, medium-grained, very calcareous, glauconitic sand, with some fragments of gray, calcareous sand-rock, and some small shell fragments. Driller's description: rock.	130- 140

Section of well at Masonboro Sound, 7 or 8 miles southeast of Wilmington, N. C., owned by W. L. Parsley, from samples furnished by John D. Lowry, contractor:

<i>Pleistocene:</i>	THICKNESS IN FEET.
1. Medium-grained, clean, white quartz sand.....	at 15

Eocene:

2-11. Alternating layers of gray, calcareous sand and white fossiliferous limestone, containing numerous bryozoan remains	25- 155
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Cretaceous (Peedee sand) (?) :

12. Coarse, gray, calcareous sand and rock (probably in alternate layers). Contains many fragments of shells, probably for the most part <i>Ostrea</i> , and a few bryozoan remains which may have fallen down from above.....	155- 165
13. (?) (Not labeled) Similar to sample No. 12. A larger percentage of loose sand. Occasional grains of glauconite. (This sample is needed to complete the section, and it probably belongs here).....	165-187?

Section of well at Quarantine Station, located about 1 mile east of Southport, N. C., in center of Cape Fear River estuary, prepared from samples forwarded to the State Survey by the officers in charge:

<i>Pleistocene:</i>	THICKNESS IN FEET.
1-5. Loose beach sand with shells and fragments of shells, probably Pleistocene. Sample No. 4 is argillaceous.....	15- 40
6. Light bluish-gray, iron-stained coquina rock, consisting of shells in very fragmentary condition cemented with lime.	40- 45
7-9. Loose sand with shells and fragments of shells similar to samples Nos. 1 to 5.....	45- 60
10-11. Chunks of gray, calcareous clay, pieces of light-blue coquina rock and numerous well-preserved shells of Pleistocene age	60- 70

Eocene:

12-39. Bluish-gray and cream-colored fossiliferous limestone. Contains an abundance of bryozoan remains.....	70- 215
40-47. Light gray, calcareous, fossiliferous sand.....	215- 265

Cretaceous (Peedee sand) :

48-67. Dark gray, very argillaceous, very calcareous, fine-grained sand. (Could be classed as very arenaceous clay.) The	
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