

The pit has been excavated to a depth of some 8 or 10 feet. The marl consists principally of a mass of small gastropod and bivalve shells. They are soft when first exposed, but harden in the sun.

About $1\frac{1}{2}$ miles north of Magnolia, N. C., along a drainage ditch just east of the railroad the marl is exposed in sides of ditch. In almost every particular it resembles the marl at the Natural Well and is evidently part of the same bed. A few fossils found here were not observed at Natural Well and *vice versa*, yet the general assemblage of forms is the same. The shell marl seems to form a continuous bed that underlies the whole region about Magnolia and extends westward into Sampson County. In some places it is covered by only about 3 or 4 feet of sand; in other places it is only struck at depths of 18 or 20 feet.

On Mr. M. H. Kornegay's place, about 4 miles northeast of Magnolia, marl has been dug along a small branch. The specimens collected seem to represent practically the same marl bed as that at Natural Well.

Also on Mr. Frank Wilson's farm, about 1 mile east of Magnolia, marl has been dug. The marl could not be seen in place, as the hole was filled with water, but from the appearance of a heap of marl that had been thrown out, it seems that it is the same marl bed that appears at Natural Well. A number of shells of the same species as occur at Natural Well were recognized.

SECTION OF WELL AT BEAUFORT, N. C.

Pleistocene:

	FEET.
Loose medium-grained sand.....	1- 12
Gray calcareous clay with a few shells.....	12- 13
Loose gray sand with an admixture of dark grains.....	13- 17
Gray calcareous clay with a few shell fragments.....	17- 25

Pliocene (?) and Miocene (Duplin):

Loose gray sand with shells largely fragmentary: <i>Oliva</i> sp., <i>Pecten</i> sp., <i>Venericardia tridentata</i> , <i>Venus</i> sp., <i>Tornatina canal-</i> <i>iculata</i> , <i>Turbonilla reticulata</i> , <i>Mulinia lateralis</i> , <i>Nucula</i> <i>proxima</i>	25- 80
Loose gray sand with magnetite grains and fine shell frag- ments	80-118
Coarse sand, the grains very irregular; contains some shell frag- ments	118-120
Greenish-gray, slightly argillaceous sand, with some shell frag- ments. <i>Mactra</i> sp., <i>Mulinia lateralis</i>	120-196
Fragments of small shells, principally small barnacles, <i>Mulinia</i> <i>lateralis</i> , <i>Pecten eboreus</i>	196-213
Loose gray sand with fine shell fragments: <i>Balanus</i> sp., <i>Tel-</i> <i>lina</i> (?) sp.....	213-238

One Mile Southeast of Watha, Pender County.—Where the wagon road crosses Lewis Creek on the farm of D. J. McMillan, marl was