

	FEET.
<i>mutica</i> (?), <i>Terebra dislocata</i> , <i>Turbonilla reticulata</i> , <i>Turritella</i> sp., <i>Corbula</i> sp., <i>Corbula barratiana</i> , <i>Gemma magna</i> , <i>Mulinia lateralis</i> , <i>Nucula proxima</i>	80-100
<i>Miocene</i> (Yorktown and St. Marys?):	
Very fine loose gray sand with a few shell fragments: <i>Callocardia</i> (?) sp., <i>Chione</i> (?) sp., <i>Gemma</i> (?) sp., <i>Phacoides</i> sp., <i>Yoldia laevis</i> (?)	100-120
Loose gray calcareous, slightly argillaceous sand, fossiliferous: <i>Crepidula fornicata</i> , <i>Teinostoma</i> sp., <i>Callocardia</i> (?) sp., <i>Leda acuta</i> , <i>Nucula proxima</i> , <i>Phacoides</i> (?), <i>Venericardia granulata</i>	120-140
Consists largely of shells and shell fragments, with a small amount of gray sand: Echinoid spines, <i>Cadulus thallus</i> , <i>Caecum carolinianum</i> , <i>Dentalium attenuatum</i> , <i>Crepidula fornicata</i> , <i>Fulgur</i> sp., <i>Marginella</i> (?) sp., <i>Marginella</i> (<i>Volutella</i>) sp., <i>Nassa</i> sp., <i>Eulima</i> (?) sp., <i>Polynices duplicatus</i> , <i>Scala</i> sp., <i>Seila adamsi</i> , <i>Teinostoma nanum</i> , <i>Tornatina canaliculata</i> , <i>Turbonilla interrupta</i> , <i>Turbonilla reticulata</i> , <i>Turritella</i> sp., <i>Astarte undulatus</i> , <i>Callocardia sayana</i> , <i>Cardium</i> sp., <i>Chione latilirata</i> , <i>Corbula</i> , <i>Leda acuta</i> , <i>Nucula proxima</i> , <i>Nucula taphira</i> , <i>Pandora</i> sp., <i>Phacoides crenulatus</i> , <i>Tellina</i> sp., <i>Venericardia granulata</i> , <i>Verticordia emmonsi</i> , <i>Yoldia laevis</i>	140-160
Loose gray sand, with a large amount of shell material, mostly in a comminuted condition: <i>Cadulus thallus</i> , <i>Dentalium attenuatum</i> , <i>Tornatina canaliculata</i> , <i>Turbonilla</i> sp., <i>Astarte concentrica</i> , <i>Ensis</i> sp., <i>Leda acuta</i> , <i>Nucula proxima</i> , <i>Pandora crassidens</i> (?), <i>Phacoides crenulatus</i> , <i>Tellina</i> sp., <i>Venericardia granulata</i> , <i>Yoldia laevis</i>	160-180
Loose gray, rather coarse fossiliferous sand. Fossils mostly fragmentary: <i>Bryozoa</i> , Echinoid spines, <i>Dentalium attenuatum</i> , <i>Crepidula fornicata</i> , <i>Nassa</i> sp., <i>Olivella mutica</i> (?), <i>Turbonilla interrupta</i> , <i>Astarte concentrica</i> , <i>Callocardia sayana</i> (?), <i>Cardium</i> sp., <i>Corbula</i> sp., <i>Ensis</i> sp., <i>Leda acuta</i> , <i>Nucula proxima</i> , <i>Phacoides crenulatus</i> , <i>Tellina</i> sp., <i>Venericardia granulata</i> , <i>Yoldia laevis</i>	180-200

RIVERDALE WHARF, RIGHT BANK OF NEUSE RIVER, 9 MILES BELOW
NEW BERN.

At this place there is a bluff about 18 feet in height in which the following section is exposed:

	FEET.
<i>Pleistocene</i> :	
Laminated alternating drab clay and sand layers, poorly exposed..	12-15
<i>Pliocene</i> (Waccamaw):	
Indurated ferruginous sandstone containing many small quartz pebbles, few larger than a pea in size. The rock contains many fossil casts of <i>Pecten</i> , <i>Ensis</i> , <i>Leda</i> , <i>Cardium</i> , etc. The rock varies in the amount of induration. Exposure about.....	4
Compact drab clay poorly exposed.....	1/2-1