

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

Stephen M. Herrick, Geologist
United States Geological Survey



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ATLANTA
1961

WARE COUNTY

Location: 1 block northeast of Post Office at Coca Cola Plant in Wayercross
 Well No.: GGS 527
 Elev.: 140¹
 Owner: No. 1 Coca Cola Company
 Driller: M. M. Gray Drilling Company
 Drilled: January 1957

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, argillaceous, finely disseminated phosphatic grains and kaolin inclusions.....	15	15
Miocene (Undifferentiated):		
Clay: mottled, sandy, some sand as above.....	25	40
Sand: fine to coarse-grained, angular, arkosic.....	60	100
Sand: coarse-grained, arkosic; clay, dark-green, sandy.....	260	360
Black phosphatic pebbles abundant at 310-320.		
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic; interbedded limestone, white, dense (much calcitized), sandy, phosphatic.....	120	480
Oligocene (Undifferentiated):		
Limestone: cream, very dense (highly calcitized), fossiliferous (Ostracods and Foraminifera).....	20	500
<i>Dictyoconus</i> ² sp., <i>Quinqueloculina</i> sp. at 480-490.		
No samples	20	520
In Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: light-gray, very dense (highly calcitized), fossiliferous (abundant Foraminifera).....	170	690
<i>Gypsina globula</i> , <i>Pseudophragmina flintensis</i> , <i>Asterocyclina nassauensis</i> at 520-530.		
Limestone: cream, much calcitized, massive.....	18	708
Summary:		
Pliocene to Recent (undifferentiated).....	15	15
Miocene (undifferentiated)	465	480
Oligocene (undifferentiated)	20	500
No samples	20	520
In upper Eocene (Ocala limestone).....	188	708

¹Average elevation based on Georgia State Highway Maps.²Reworked(?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
Potential Water-Bearing Zones:		
Limestone	228	708

Remarks:

Samples of poor quality.

WARE COUNTY

Location: In Waresboro, northwestern part of Waycross
 Owner: No. 1 Waresboro Elementary School
 Driller: Turner Well Drilling Company
 Drilled: April 1957

Well No.: GGS 538

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: medium to coarse-grained, subangular.....	25	25
Clay: pale-greenish-gray, sandy, micaceous.....	60	85
Miocene (Undifferentiated):		
Clay: dark-olive-green to brownish-gray, sandy.....	62	147
No samples	10	157
Sand: fine to medium-grained, subangular.....	10	167
Sand: coarse-grained, subrounded, phosphatic, arkosic.....	10	177
Limestone: light-gray to light-brown, much calcitized, saccharoidal, sandy, phosphatic, cherty.....	31	208
Brownish-gray chert (or siltstone?) prominent at 198-208.		
Clay: greenish-gray, blocky, sandy, phosphatic; interbedded sand, fine to medium-grained, subangular.....	62	270
Limestone: cream to light-brown, saccharoidal, sandy, phosphatic	30	300
Sand: medium to coarse-grained, subangular, phosphatic.....	11	311
Limestone: cream to light-gray, saccharoidal, sandy, phosphatic, fossiliferous (megafossils, echinoid and bryozoan remains, and some Foraminifera at depth).....	92	403
First observed megafossils at 311-321.		
<i>Elphidium sagrum</i> , <i>Elphidium poeyanum</i> , <i>Valvulineria</i> sp., <i>Cibicides concentricus</i> at 403-413.		
Limestone: light-brown, saccharoidal, sandy, phosphatic.....	10	413