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

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ATLANTA
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	Thickness (feet)	Depth (feet)
Potential Water-Bearing Zones:		
Limestone	316	825

CAMDEN COUNTY

Location: 0.75 to 1 mi. east of Tarboro on Whiteoak Road — Well No.: GGS 455
Owner: No. 1 Tarboro Elementary School — Elev.: 14[1]
Driller: Woodrow Sapp
Drilled: October 1955

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, finely disseminated phosphatic grains; interbedded clay, dark-gray, silty, lignitic, micaceous	55	55
Miocene (Undifferentiated):		
Clay: dark-green, sandy, phosphatic; interbedded sand, fine to coarse-grained phosphatic	145	200
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic; some sand as above	40	240
Clay: dark-green, sandy, phosphatic; interbedded dolomitic limestone as above	50	290
Clay: as above but sandier and somewhat indurated; interbedded limestone, white, dense (much calcitized), sandy, phosphatic, fossiliferous (macroshells)	20	310
Dolomitic limestone: brown, saccharoidal, sandy, phosphatic	10	320
Limestone: white, dense (much calcitized), very sandy, phosphatic, fossiliferous (molds, impressions, and fragments of macroshells); interbedded sand, fine to coarse-grained, phosphatic	110	430
Summary:		
Pliocene to Recent (undifferentiated)	55	55
Miocene (undifferentiated)	375	430

[1]Average elevation taken from State Highway map.

	Thickness (feet)	Depth (feet)
Potential Water-Bearing Zones:		
Sand: fine to very coarse-grained	10	200
Sand: fine to coarse-grained	10	340
Limestone and sand	90	430

CANDLER COUNTY

Location: Near Metter — Well No.: GGS 429
Owner: No. 1 Carl Daughtry — Elev.: 225
Driller: Layne-Atlantic Company
Drilled: 1955

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Sand: fine to coarse-grained, arkosic; some clay, bluish-gray to tan to red (mottled), sandy, limonitic	35	35
Clay: yellowish-green, sandy; interbedded sand, fine to coarse-grained, arkosic	60	95
Clay: dark-green to gray, sandy, phosphatic; interbedded sand, fine to coarse-grained, phosphatic	100	195
Light-brown to gray, phosphatic pebbles prominent at 95-105.		
Clay: dark-green, sandy, phosphatic; interbedded limestone, gray, dense, sandy, fossiliferous (macroshells)	35	230
Indurated sand: gray, phosphatic, fossiliferous (a coquina)	10	240
Dolomitic limestone: light-brown, sandy, phosphatic	10	250
Sand: fine to coarse-grained, phosphatic	20	270
Clay: gray, sandy, phosphatic	20	290
Limestone: dark-gray, extremely dense (much calcitized), very sandy, phosphatic, fossiliferous (megafossils)	30	320
No samples	10	330
In Oligocene (Undifferentiated):		
Limestone: light-gray, dense, massive, crystalline, fossiliferous (some macroshells, echinoid and bryozoan remains, and Foraminifera)	40	370