

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

THE GEOLOGICAL SURVEY
Bulletin Number 70

WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

Stephen M. Herrick, Geologist
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Dolomitic limestone: light-brown, saccharoidal	23	723
No samples	72	795

In Middle Eocene: Claiborne Group (Undifferentiated):

Dolomitic limestone: light to dark-brown, saccharoidal, gypsiferous at certain horizons; interbedded limestone, gray to cream, fossiliferous at certain levels (Foraminifera)..... 397 1,192

Cribrobulimina floridana at 862-868.

Limestone: cream to light-brown (latter dolomitic at certain levels), much calcitized, crystalline, cherty, fossiliferous (abundant Foraminifera at certain horizons)..... 315 1,507

Summary:

No samples	248	248
In Miocene (undifferentiated)	197	445
Oligocene (undifferentiated)	75	520
Upper Eocene (Ocala limestone)	203	723
No samples	72	795
In middle Eocene (Claiborne group, undifferentiated)	712	1,507

Potential Water-Bearing Zones:

Limestone	255	700
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Remarks:

The rocks below depth of 700 are predominantly gypsiferous dolomitic limestones, which yield mineralized water. Wells, therefore, should not be drilled below 700 in this area.

COFFEE COUNTY

Location: 75 ft. southeast of school building in Ambrose Well No.: GGS 236
 Owner: No. 1 Ambrose School Elev.: 310
 Driller: H. B. Truluck
 Drilled: September 1951

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: bluish-gray to red (mottled), sandy, limonitic	20	20
Sand: fine to medium-grained, angular.....	20	40

	Thickness (feet)	Depth (feet)
Clay: pale-green, blocky, sandy, phosphatic and fossiliferous at depth (macroshells); interbedded sand, fine to medium-grained, angular	385	425

Black phosphatic pebbles common at 280-310.

Macroshells prominent at 410-425.

Limestone: gray, sandy, fossiliferous (casts and molds of megafossils)	60	485
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Archaias sp. at 425-435.

Summary:

Miocene (undifferentiated)	485	485
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Potential Water-Bearing Zones:

Sand: fine to coarse-grained	10	410
Limestone	60	485

Remarks:

Better and more productive water-bearing limestones lie deeper than the total depth (485) of above well.

COFFEE COUNTY

Location: Southern part of County, about 12 mi. south of Ambrose, in Heabern
 Owner: No. 1 Heabern School
 Driller: H. B. Truluck
 Drilled: October 1951

Well No.: GGS 243
 Elev.: 198

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: bluish-gray to red (mottled), sandy, limonitic	20	20
Clay: light-gray, blocky, cherty at certain horizons, sandy, phosphatic at depth; interbedded sand, fine to coarse-grained, angular	220	240
Light-gray phosphatic pebbles at 130-140.		
Black phosphatic pebbles at 190-200.		
Dolomitic limestone: light-brown, saccharoidal	40	280
Chert bed	10	290