

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

THE GEOLOGICAL SURVEY
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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
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Summary:

Pliocene to Recent (undifferentiated)	68	68
Miocene (undifferentiated)	479	547
Oligocene (undifferentiated)	101	648

Potential Water-Bearing Zones:

Limestone and sand	113	547
Limestone	101	648

Remarks:

Samples of poor quality below 68.

BRANTLEY COUNTY

Location: 1.4 mi. north of Atlantic Coast Line R.R. at Well No.: GGS 90

Waynesville, and 0.1 mi. east of county road from Elev.: 60

Waynesville to Browntown

Owner: No. 1 CCC Camp (U. S. Govt.)

Driller: Gray Well & Pump Corporation

Drilled: August 1940

	Thickness (feet)	Depth (feet)
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No samples	62	62
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In Pliocene to Recent (Undifferentiated):

Limestone: light-gray, dense (much calcitized), very sandy, sparsely phosphatic, fossiliferous (casts and impressions of megafossils)	13	75
Sand: fine-grained, finely disseminated phosphatic grains	10	85
Clay: gray, sandy, sparse finely disseminated phosphatic grains	15	100
Indurated sand: fine to medium-grained, somewhat argillaceous	25	125
No samples	25	150

In Miocene (Undifferentiated):

Clay: dark-green, blocky, sandy, phosphatic, cherty, (at certain levels); interbedded tongues of sand, fine to coarse-grained, phosphatic; stringers of dolomitic limestone; light-brown, saccharoidal, sandy, phosphatic	214	364
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Dolomitic limestone prominent at 260-280.

Sand prominent at 304-364.

	Thickness (feet)	Depth (feet)
Summary:		
No samples	62	62
In Pliocene to Recent (undifferentiated)	63	125
No samples	25	150
In Miocene (undifferentiated)	214	364

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	5	180
Sand: fine to coarse-grained	60	364

Remarks:

This well was reportedly drilled to a total depth of 705, hence doubtless utilizes the underlying "principal limestone aquifer."

BROOKS COUNTY

Location: 9 mi. west of Quitman
 Owner: No. 1 M. G. Lawson
 Driller: Winter Hardware Company
 Drilled: March 1943

Well No.: GGS 3
 Elev.: 130

	Thickness (feet)	Depth (feet)
No samples	10	10
In Miocene (Undifferentiated):		
Clay: mottled, very sandy	50	60
Oligocene (Undifferentiated):		
Limestone: white, dense (calcitized), nodular, fossiliferous	140	200
<i>Dictyocòmus</i> ¹ sp. at 160-180.		

Summary:

No samples	10	10
In Miocene (undifferentiated)	50	60
Oligocene (undifferentiated)	140	200

Potential Water-Bearing Zones:

Limestone	140	200
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¹Reworked (?) fossil of middle Eocene age.