

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)
Miocene (Undifferentiated):		
Clay: pale-green, sandy, phosphatic.....	80	120
White, phosphatic pebbles at 40-120.		

Oligocene (Undifferentiated):

Limestone: gray, dense (calcitized), nodular, fossiliferous.....	40	160
<i>Quinqueloculina</i> sp. at 120-140.		
<i>Dictyoconus</i> ¹ sp. at 140-160.		

Summary:

No samples	10	10
In Pliocene to Recent (undifferentiated)	30	40
Miocene (undifferentiated)	80	120
Oligocene (undifferentiated)	40	160

Potential Water-Bearing Zones:

Limestone	40	160
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BROOKS COUNTY

Location: Barney

Well No.: GGS 87

Owner: No. 1 A. J. Folsom

Driller: Winter Hardware Company

Drilled: August 1942

	Thickness (feet)	Depth (feet)
No samples	10	10
In Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained; inclusions of kaolin, white, sandy; some clay, light-gray.....	90	100
In Miocene (Undifferentiated):		
Clay: dark-brown to pale-green; limestone, white, sandy; dolomitic limestone, brown, saccharoidal	120	220

Summary:

No samples	10	10
In Pliocene to Recent (undifferentiated)	90	100
Miocene (undifferentiated)	120	220

¹Reworked (?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
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Potential Water-Bearing Zones:

Sand: fine to medium-grained	20	100
Limestone	60	200

BROOKS COUNTY

Location: 2,780 ft. south, 1,570 ft. west of northeast corner
of Land Lot 454, 12th Land District

Well No.: GGS 184
Elev.: 133
(derrick floor)

Owner: No. 1-B E. M. Rogers, Sr.

Driller: D. E. Hughes et al

Drilled: April 1949

	Thickness (feet)	Depth (feet)
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No samples	690	690
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In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera)

Amphistegina pinarensis var. at 730-740.
Camerina striatoreticulata abundant at 830-840.

	190	885
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Middle Eocene: Claiborne Group (Undifferentiated):

Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels

	500	1,385
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Lower Eocene(?): Wilcox Group (Undifferentiated):

Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated

	90	1,475
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Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth

	130	1,605
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Paleocene: Midway Group: Clayton Formation:

Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera)

Operculinoides catenula at 1620-1630.

	15	1,620
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Indurated sand: gray, fine-grained, glauconitic (finely disseminated)

	90	1,710
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Pseudophragmina stephensoni, *Operculinoides catenula* at 1630-1640.