

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

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Oligocene (Undifferentiated):		
Limestone: gray, dense (calcitized), nodular, fossiliferous.....	115	265
<i>Rotalia byramensis</i> var. at 150-160.		
<i>Dictyoconus</i> ² sp. at 160-170.		
<i>Miliolidae</i> prominent at 190-200.		

Upper Eocene(?): Jackson Group: Ocala Limestone:

Dolomitic limestone: light-brown, saccharoidal.....	39	304
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Summary:

Pliocene to Recent (undifferentiated).....	80	180
In Miocene (undifferentiated).....	70	150
Oligocene (undifferentiated).....	115	265
Upper Eocene(?) (Ocala limestone).....	39	304

Potential Water-Bearing Zones:

Limestone.....	115	265
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BRYAN COUNTY

Location: 0.5 mi. east of intersection of U.S. Highway 17
on Bryan Neck Road at Richmond Hill

Well No.: GGS 65
Elev.: 14

Owner: Henry Ford
Driller: W. E. Floyd, Jr.
Drilled: May 1939

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, finely disseminated phosphatic grains; interbedded clay, dark-gray to tan to red (mottled), some- what fissile, lignitic, micaceous.....	30	30
Sand: fine to coarse-grained, arkosic.....	10	40
No samples.....	310	350
In Miocene (Undifferentiated):		
Clay: dark-green, silty, phosphatic; limestone, white, very sandy, phosphatic.....	100	450
No samples.....	50	500

²Reworked(?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
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In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: white, crystalline (much calcitized), fossiliferous, (abundant bryozoan remains and Foraminifera)	?	500
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Asterocyclina nassauensis, *Pseudophragmina flintensis*, *Operculinooides floridensis* at 500.

Summary:

Pliocene to Recent (undifferentiated)	40	40
No samples	310	350
In Miocene (undifferentiated)	100	450
No samples	50	500
In upper Eocene (Ocala limestone)	?	500

Potential Water-Bearing Zones:

Limestone	?	500
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BRYAN COUNTY

Location: In Pembroke
 Owner: No. 1 City of Pembroke
 Driller: M. M. Gray Drilling Company
 Drilled: 1955

Well No.: GGS 459
 Elev.: 95

	Thickness (feet)	Depth (feet)
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Pliocene to Recent (Undifferentiated):

Sand: fine to coarse-grained, limonitic, arkosic; interbedded clay, bluish-gray to tan to red (mottled), sandy	30	30
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Miocene (Undifferentiated):

Clay: dark-green, somewhat indurated, blocky, sandy	10	40
Sand: very coarse-grained, arkosic	50	90
Clay: dark-green, sandy; interbedded sand, fine to coarse- grained, arkosic	40	130
Clay: dark-green, sandy, cherty	60	190

Black, phosphatic pebbles prominent at 180-190.

Clay: as above; interbedded dolomitic limestone, light-brown, sandy, phosphatic; sand, fine to coarse-grained, phosphatic	50	240
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