

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)
Summary:		
Pliocene to Recent (undifferentiated)	150	150
Miocene (undifferentiated)	374	524
Oligocene (undifferentiated)	31	555
Upper Eocene (Ocala limestone)	460	1,015

Potential Water-Bearing Zones:

Limestone	334	858
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Remarks:

Samples of poor quality.

GLYNN COUNTY

Location: 5 mi. southwest of Brunswick	Well No.: GGS 362
Owner: No. 1 Roy Massey	Elev.: 20
Driller: E. B. LaRue Drilling Company	(derrick floor)
	Thickness Depth (feet) (feet)

Pliocene to Recent (Undifferentiated):

Sand: fine-grained, finely disseminated phosphatic grains; interbedded clay, dark-gray, lignitic, micaceous, fossiliferous (megafossils at certain horizons)	40	40
Limestone: gray to light-brown, dense (much calcitized), saccharoidal, sparsely phosphatic, fossiliferous (casts of megafossils)	20	60
Sand: fine to coarse-grained, rounded, phosphatic	120	180

Miocene (Undifferentiated):

Clay: dark-green, silty, phosphatic, cherty; interbedded sand, fine to coarse-grained, phosphatic	120	300
Dolomitic limestone: light-brown, sandy, phosphatic; sand, fine to coarse-grained, phosphatic	60	360
Same lithology as above but with increasing amounts of dark-green sandy clay	40	400
Sand: fine to coarse-grained, phosphatic; interbedded limestone, white, sandy, fossiliferous (macroshells); some clay, as above	180	580

	Thickness (feet)	Depth (feet)
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Oligocene (Undifferentiated):

Limestone: cream, somewhat granular (calcitized), fossiliferous	20	600
<i>Rotalia byramensis</i> var. at 580-600.		

Upper Eocene: Jackskon Group: Ocala Limestone:

Limestone: rather dense (calcitized), fossiliferous (bryozoan remains, macroshells, and Foraminifera)	400	1,000
<i>Operculinoides floridensis</i> at 600-620.		
<i>Gypsina globula</i> at 660-680.		
<i>Pseudophragmina flintensis</i> at 700-720.		
<i>Amphistegina pinarensis</i> var. at 920-940.		

Middle Eocene: Claiborne Group (Undifferentiated):

Limestone: white, rather calcitized; interbedded dolomitic limestone, brown, saccharoidal	400	1,400
<i>Lepidocyclina (Polylepidina) antillea</i> , <i>Asterocyclina monticellensis</i> at 1000-1020.		

Summary:

Pliocene to Recent (undifferentiated)	180	180
Miocene (undifferentiated)	400	580
Oligocene (undifferentiated)	20	600
Upper Eocene (Ocala limestone)	400	1,000
Middle Eocene (Claiborne group, undifferentiated)	400	1,400

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	120	180
Sand: fine to coarse-grained	150	570
Limestone	400	1,000