

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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ATLANTA
1961

GLYNN COUNTY

Location: City of Brunswick
 Owner: Hercules Powder Company
 Driller: Layne-Atlantic Company
 Drilled: February 1951

Well No.: GGS 197
 Elev.: 15¹

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to coarse-grained, nearly gravel at depth	150	150
Miocene (Undifferentiated):		
Clay: dark-green, silty, cherty, phosphatic; interbedded sand, fine to coarse-grained, phosphatic	155	305
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic, fossiliferous (abundant oyster shells)	63	368
Sand: fine to coarse-grained, abundantly phosphatic; interbedded clay, dark-green, silty, phosphatic	26	394
Sand: fine to coarse-grained, abundantly phosphatic; interbedded limestone, white, sandy, fossiliferous (macroshells)	70	464
Limestone: gray to light-brown, somewhat dolomitic, dense (much calcitized), sandy, phosphatic, fossiliferous (fragments and molds of macroshells)	60	524
Oligocene (Undifferentiated):		
Limestone: light-gray, dense (much calcitized), nodular, fossiliferous (bryozoan remains, macroshells, and some Foraminifera)	31	555
<i>Pyrgo</i> sp., <i>Gyroidina?</i> sp., <i>Asterocyclina</i> sp. at 524-555.		
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: white, much calcitized, fossiliferous (abundant macroshells and bryozoan remains, and some Foraminifera)	308	858
<i>Operculinoides floridensis</i> , <i>Pseudophragmina flintensis</i> at 555.		
Dolomitic limestone: brown, saccharoidal	157	1,015

¹Average elevation based on Georgia State Highway Maps.

	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 (feet) Depth (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