

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: Naval Air Station, St. Simons Island, Well No.: GGS 20
 Owner: No. 1 Naval Air Station (U.S. Govt.) Elev.: 18
 Driller: Layne-Atlantic Company
 Drilled: September 1942

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to coarse-grained, phosphatic; interbedded clay, dark-gray, silty, micaceous	155	155
In Miocene (Undifferentiated):		
Clay: green, silty, finely phosphatic	90	245
No samples	75	320
Sand: fine to coarse-grained, abundantly phosphatic; some clay, as above	85	405
Dolomitic limestone ("cave"?) at 395-405.		
Sand: fine to coarse-grained, abundantly phosphatic; inter- bedded limestone, white, sandy, fossiliferous (macroshells)	130	535
Oligocene (Undifferentiated):		
Limestone: gray, nodular, somewhat calcitized, fossiliferous	15	550
<i>Rotalia byramensis</i> var. at 535-550.		
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: cream, calcitized, fossiliferous (abundant bryo- zoan remains and some Foraminifera)	144	694
<i>Operculinoides floridensis</i> at 550-610.		
Summary:		
Pliocene to Recent (undifferentiated)	155	155
In Miocene (undifferentiated)	380	535
Oligocene (undifferentiated)	15	550
Upper Eocene (Ocala limestone)	144	694

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	50	455
Limestone	159	694