

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

APPLING COUNTY

Location: About 2 mi. east of Graham, Land Lot 108, 3rd Land District
 Owner: No. 1 Baptist Home
 Driller: W. B. Graham
 Drilled: 1947

Well No.: GGS 161
 Elev.: 199

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to coarse-grained, arkosic at depth	90	90
Miocene (Undifferentiated):		
Clay: light-gray to pale-green, very sandy, phosphatic at depth; interbedded sandy limestone and beds of sand	460	550
Gray to brown phosphatic pebbles at 230-240.		
Sand, indurated, phosphatic, at 390-420.		
Dolomitic limestone, light-brown, sandy, phosphatic, at 420-450.		
Sand, fine to coarse-grained, phosphatic at 450-550.		
Oligocene (Undifferentiated):		
Limestone: cream to light-gray, soft and dense (calcitized), nodular, fossiliferous (Foraminifera)	80	630
<i>Rotalia byramensis</i> at 550-560.		
<i>Dictyoconus</i> ¹ sp. at 570-580.		
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: white, dense (much calcitized), fossiliferous (bryozoan remains and Foraminifera)	10	640
<i>Operculinoides floridensis</i> at 630-640.		
Summary:		
Pliocene to Recent (undifferentiated)	90	90
Miocene (undifferentiated)	460	550
Oligocene (undifferentiated)	80	630
Upper Eocene (Ocala limestone)	10	640
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	10	60
Sand: fine to coarse-grained, phosphatic	100	550
Limestone	90	640

¹Reworked(?) fossil of middle Eocene age.