

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

LOWNDES COUNTY

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

Well No.: GGS 500
 Elev.: 250

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, coarser-grained at depth, arkosic, limonitic, finely disseminated phosphate grains, inclusions of kaolin; interbedded clay, yellow to olive-green to purple (mottled), sandy, limonitic	50	50
Miocene (Undifferentiated):		
Clay: pale-green to turquoise, light-gray to white at depth, somewhat indurated at depth, sandy, cherty, carbonaceous, phosphatic (light-gray to brown pebbles); interbedded limestone, white, sandy, carbonaceous	120	170
Light-gray to brown phosphatic pebbles prominent at 50-60. 50-60.		
Dolomitic limestone, light-brown, saccharoidal, sandy	10	180
Oligocene (Undifferentiated):		
Limestone: light-gray, dense (much calcitized), nodular, fossiliferous (Foraminifera)	195	375
<i>Rotalia</i> sp. at 190-200.		
<i>Quinqueloculina</i> sp., <i>Dictyoconus</i> ¹ sp. at 230-240.		
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: light-gray, fossiliferous (bryozoan remains and some Foraminifera)	25	400
<i>Operculinoides</i> sp. at 370-380.		
<i>Operculinoides</i> sp. common, <i>Lepidocyclina</i> sp. at 390-400.		
Summary:		
Pliocene to Recent (undifferentiated)	50	50
Miocene (undifferentiated)	130	180
Oligocene (undifferentiated)	195	375
Upper Eocene (Ocala limestone)	25	400

Potential Water-Bearing Zones:

Limestone	220	400
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¹Reworked (?) fossil of middle Eocene age.