

**GEORGIA**  
**STATE DIVISION OF CONSERVATION**  
DEPARTMENT OF MINES, MINING AND GEOLOGY  
GARLAND PEYTON, Director

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**THE GEOLOGICAL SURVEY**  
Bulletin Number 70

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**WELL LOGS OF THE**  
**COASTAL PLAIN OF GEORGIA**

by

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Prepared cooperatively by the U. S. Geological Survey

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**ATLANTA**  
**1961**

	Thickness (feet)	Depth (feet)
Clay and limestone: as above .....	20	100
Limestone: white, sandy; and clay, gray, indurated, sandy.....	20	120
Clay: light-gray, indurated, sandy; and limestone, as above.....	20	140
Clay: as above; and dolomitic limestone, light-brown, saccharoidal, sandy .....	20	160
Clay: light-gray to pale-green, sandy; and dolomitic limestone, as above .....	20	180
<b>Oligocene (Undifferentiated):</b>		
Limestone: light-brown to light-gray, dense (highly calcitized), somewhat dolomitized(?), fossiliferous (Foraminifera, macro-shells and bryozoan remains) .....	200	380
<i>Miliolidae</i> prominent at 200-220.		
<i>Dictyoconus</i> <sup>1</sup> sp. at 220-240.		
<b>Upper Eocene(?): Jackson Group: Ocala Limestone:</b>		
Limestone: light-gray, dense (much calcitized), fossiliferous (bryozoan remains and Foraminifera) .....	20	400
<i>Operculinoides</i> sp. at 380-400.		
<b>Summary:</b>		
Pliocene to Recent (undifferentiated) .....	60	60
Miocene (undifferentiated) .....	120	180
Oligocene (undifferentiated) .....	200	380
Upper Eocene(?) (Ocala limestone) .....	20	400
<b>Potential Water-Bearing Zones:</b>		
Limestone .....	220	400

## LOWNDES COUNTY

Location: 3 mi. west of Valdosta  
 Owner: No. 1 Abligard  
 Driller: Winter Hardware Company  
 Drilled: April 1943

Well No.: GGS 40

	Thickness (feet)	Depth (feet)
<b>Pliocene to Recent (Undifferentiated):</b>		
Sand: fine to medium-grained, finely phosphatic, somewhat indurated; clay, ochre, sandy .....	20	20
Clay: gray to greenish-gray, sandy .....	20	40

<sup>1</sup>Reworked (?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
<b>Miocene (Undifferentiated):</b>		
Clay: gray to greenish-gray, sandy, phosphatic .....	20	60
Clay: as above, but much sandier .....	20	80
Claystone (indurated clay): pale-green, phosphatic, sandy, cherty .....	20	100
Sand: fine to coarse-grained, somewhat silicified; and clay- stone, as above .....	40	140
Limestone: white, rather soft, sandy .....	60	200

**Summary:**

Pliocene to Recent (undifferentiated) .....	40	40
Miocene (undifferentiated) .....	160	200

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained .....	40	140
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**LOWNDES COUNTY**

Location: 8 mi. west of Valdosta  
 Owner: No. 1 C. C. Giddens  
 Driller: Winter Hardware Company  
 Drilled: January 1943

Well No.: GGS 42

	Thickness (feet)	Depth (feet)
<b>Pliocene to Recent (Undifferentiated):</b>		
Clay: red to purple, sandy .....	20	20
Clay: ochre, very sandy, abundantly limonitic .....	20	40
<b>Miocene (Undifferentiated):</b>		
Clay: light-gray, somewhat indurated, sandy, phosphatic, cherty	40	80
Clay: as above; limestone, white, sandy .....	20	100
Limestone: white, sandy; clay, as above .....	40	140
Claystone: pale-green, cherty .....	20	160

**Oligocene (Undifferentiated):**

Claystone: as above; limestone, light-brown to cream, rather dense (calcitized), fossiliferous (Foraminifera) .....	60	220
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<sup>1</sup> *Quinqueloculina* sp., *Dictyoconus*<sup>1</sup> sp. at 180-200.

<sup>1</sup>Reworked (?) fossil of middle Eocene age.