

**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

**Stephen M. Herrick, Geologist**  
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

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**ATLANTA**  
**1961**

## TIFT COUNTY

Location: At City Water Works in Tifton  
 Owner: City of Tifton  
 Driller: Stevens Southern Well Drilling Company

Well No.: GGS 292  
 Elev.: 355

	Thickness (feet)	Depth (feet)
No samples .....	20	20
<b>In Miocene (Undifferentiated):</b>		
Clay: mottled, sandy, limonitic .....	20	40
Clay: yellowish-green, sandy; interbedded sand, fine to medium-grained, angular .....	90	130
No samples .....	10	140
Clay: as above; interbedded limestone, white, dense, calcitized, sandy .....	50	190
Limestone: white, dense, somewhat crystalline and saccharoidal, sandy .....	80	270

**Oligocene (Undifferentiated):**

Limestone: yellow to white at depth, nodular, cherty, rather massive, somewhat sandy, fossiliferous (some macroshells, echinoid and bryozoan remains, and Foraminifera) .....	70	340
<i>Rotalia mexicana</i> var. at 270-280.		
<i>Lepidocyclina</i> sp., <i>Gypsina globula</i> <sup>1</sup> at 300-310.		

**Upper Eocene: Jackson Group: Ocala Limestone:**

Limestone: cream, highly calcitized and crystalline, fossiliferous at certain levels (echinoid and bryozoan remains and some Foraminifera) .....	200	540
<i>Gypsina globula</i> common, <i>Operculinoides</i> sp., <i>Lepidocyclina</i> sp., and bryozoan remains at 340-350.		
<i>Operculinoides floridensis</i> at 390-400.		
<i>Asterocyclina nassauensis</i> at 420-430.		
Limestone: light-gray, crystalline and saccharoidal, highly calcitized .....	45	585

**Summary:**

No samples .....	20	20
In Miocene (undifferentiated) .....	250	270
Oligocene (undifferentiated) .....	70	340
Upper Eocene (Ocala limestone) .....	245	585

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

	Thickness (feet)	Depth (feet)
<b>Potential Water-Bearing Zones:</b>		
Limestone .....	230	540

**TOOMBS COUNTY**

Location: 4.5 mi. south of R.R. in Lyons via U.S. Highway 1, 1.4 mi. west of Highway 1 via east-west dirt road on north side of said road at top of prominent hill  
 Well No.: GGS 95  
 Elev.: 198  
 Owner: No. 1 Gibson  
 Driller: Tropic Oil and Gas Company  
 Drilled: June 1945

	Thickness (feet)	Depth (feet)
No samples .....	375	375
<b>In Miocene (Undifferentiated):</b>		
Limestone: white, somewhat recrystallized, calcitized; sand, phosphatic; some clay, pale-green, sandy .....	10	385
No samples .....	15	400
Sand: fine to medium-grained, subangular, phosphatic; some clay, as above; limestone, white, sandy, phosphatic, fossiliferous (macroshells) .....	48	448
<b>Oligocene (Undifferentiated):</b>		
Limestone: gray, extremely dense, crystalline, cherty, sandy, sparsely phosphatic, fossiliferous (echinoid and bryozoan remains) .....	1	449
Limestone: reddish-brown, rather soft and chalky, fossiliferous (echinoid and bryozoan remains and Foraminifera) .....	37	486
<i>Rotalia mexicana</i> var., <i>Quinqueloculina</i> sp. at 449-456.		
No samples .....	20	506
<b>In Upper Eocene: Jackson Group: Ocala Limestone:</b>		
Limestone: reddish-brown, soft and somewhat chalky, very fossiliferous at certain levels (echinoid and bryozoan remains and "larger" Foraminifera) .....	128	634
<i>Camerina striatoreticulata</i> common to abundant, <i>Lepidocyclus</i> sp. at 512-520.		