

**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**

## IRWIN COUNTY

Location: At City Water Works, in Ocilla  
 Owner: No. 3 City of Ocilla  
 Driller: Stevens Southern Drilling Company  
 Drilled: March 1952

Well No.: GGS 274  
 Elev.: 330

	Thickness (feet)	Depth (feet)
<b>Miocene (Undifferentiated):</b>		
Clay: mottled, sandy, limonitic .....	30	30
Clay: yellowish-green, sandy .....	40	70
Sand: fine to coarse-grained, angular, arkosic .....	20	90
Clay: yellowish-green, sandy; interbedded sand, as above; limestone, white, sandy .....	80	170
Sand: fine to coarse-grained, angular .....	60	230

**Oligocene (Undifferentiated):**

Limestone: white to light-gray, very dense, highly calcitized, crystalline, cherty, sandy, fossiliferous (bryozoan remains, and Foraminifera) .....	70	300
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*Rotalia mexicana* var. at 230-240.

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

Limestone: white, much calcitized (more so at depth), crystal- line, fossiliferous (bryozoan remains and Foraminifera at certain levels) .....	200	500
<i>Operculinoides floridensis</i> at 300-310.		
Limestone: as above; interbedded dolomitic limestone, brown, saccharoidal, rather massive .....	130	630

**Summary:**

Miocene (undifferentiated) .....	230	230
Oligocene (undifferentiated) .....	70	300
Upper Eocene (Ocala limestone) .....	330	630

**Potential Water-Bearing Zones:**

Limestone .....	240	470
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