

**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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United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

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**ATLANTA**  
**1961**

	Thickness (feet)	Depth (feet)
<b>Ocala Limestone:</b>		
Limestone: cream, coarsely but sparsely glauconitic, fossiliferous (echinoid and abundant bryozoan remains, and Foraminifera) .....	64	130
<i>Asterocyclus</i> sp., <i>Operculina mariannensis</i> , <i>Camerina striatoreticulata</i> at 91-101.		

**Summary:**

Residuum .....	46	46
Upper Eocene (Cooper Marl) .....	20	66
Upper Eocene (Ocala limestone) .....	64	130

**Potential Water-Bearing Zones:**

Limestone .....	63	130
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**CRISP COUNTY**

Location: 0.5 mi. north of Cordele, about 0.25 mi. northeast of State Farmers' Market  
 Owner: No. 1 W. D. Taunton  
 Driller: H. B. Truluck  
 Drilled: October 1951

Well No.: GGS 245  
 Elev.: 301

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: medium to coarse-grained, angular, fragments of limestone at depth .....	25	25
Clay: purple, sandy .....	15	40
<b>Oligocene (Undifferentiated):</b>		
Limestone: cherty, fossiliferous, at certain levels .....	25	65
<i>Rotalia mexicana</i> var., <i>Quinqueloculina</i> sp. at 40-50.		
<b>Upper Eocene: Jackson Group: Ocala Limestone:</b>		
Limestone: white, fossiliferous (some Foraminifera) .....	25	90
<i>Siphonina jacksonensis</i> , <i>Gypsina globula</i> at 70-80.		
<i>Asterocyclus</i> sp. at 80-90.		

	Thickness (feet)	Depth (feet)
<b>Summary:</b>		
Residuum .....	40	40
Oligocene (undifferentiated) .....	25	65
Upper Eocene (Ocala limestone) .....	25	90

**Potential Water-Bearing Zones:**

Limestone .....	40	90
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**CRISP COUNTY**

Location: 3 mi. southeast of Cordele  
 Owner: No. 1 Thomas Clements  
 Driller: H. B. Truluck  
 Drilled: November 1951

Well No.: GGS 249  
 Elev.: 317

	Thickness (feet)	Depth (feet)
<b>Miocene (Undifferentiated):</b>		
Sand: fine to medium-grained, angular .....	10	10
Clay: tan to purple (mottled), sandy, fragments of residual limestone at depth .....	100	110
Sand: fine to coarse-grained, angular, and fragments of residual limestone .....	10	120
<b>Oligocene (Undifferentiated):</b>		
Limestone: white, dense, crystalline, sparingly fossiliferous (echinoid and bryozoan remains, and Foraminifera) .....	40	160
<i>Argyrotheca</i> sp. at 130-140.		
<i>Lepidocyclina mantelli</i> at 150-160.		
Limestone: yellow, crystalline, highly calcitized, saccharoidal, dense, fossiliferous (macroshells, echinoid and bryozoan remains, and some Foraminifera) .....	40	200
<i>Lepidocyclina</i> sp. at 170-180.		
<b>Upper Eocene: Jackson Group: Ocala Limestone:</b>		
Limestone: white, soft, rather porous, fossiliferous (echinoid and bryozoan remains, and Foraminifera) .....	20	220
<i>Camerina striatoreticulata</i> , <i>Operculina mariannensis</i> at 200-220.		