

**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)
<b>In Oligocene (Undifferentiated):</b>		
Limestone: cream, soft, chalky, sandy, fossiliferous (macroshells, echinoid and bryozoan remains, Ostracods, and Foraminifera) .....	20	250
No samples .....	10	260
Limestone: cream, somewhat nodular and calcitized, rather massive, fossiliferous (macroshells, bryozoan remains, Ostracods and Foraminifera) .....	90	350
<i>Textularia</i> sp., <i>Robulus</i> sp., <i>Discorbis</i> sp., <i>Nonionella hantkeni</i> var. <i>byramensis</i> , <i>Cibicides americanus</i> at 260-270.		
<i>Asterigerina subacuta</i> , <i>Nonionella hantkeni</i> var. <i>byramensis</i> at 290-305.		
<i>Dictyoconus</i> <sup>1</sup> sp. at 305-325.		
<i>Miliolidae</i> common at 320-330.		
<i>Gypsina globula</i> <sup>1</sup> , <i>Dictyoconus</i> <sup>1</sup> sp. at 330-350.		

## Summary:

No samples .....	15	15
In Pliocene to Recent (undifferentiated) .....	70	85
Miocene (undifferentiated) .....	143	228
No samples .....	2	230
In Oligocene (undifferentiated) .....	120	350

## Potential Water-Bearing Zones:

Limestone .....	120	350
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## CHATHAM COUNTY

Location: Ferguson Avenue, Savannah  
 Owner: No. 1 R. Knight  
 Driller: H. L. Penton  
 Drilled: 1958

Well No.: GGS 562  
 Elev.: 20

	Thickness (feet)	Depth (feet)
<b>Pliocene to Recent (Undifferentiated):</b>		
Sand: fine-grained, subangular; some clay, dark-gray to dark-green, silty, micaceous, carbonaceous, fossiliferous (macroshells at certain levels) .....	80	80

First observed macroshells at 30-40.

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

	Thickness (feet)	Depth (feet)
<b>Miocene (Undifferentiated):</b>		
Clay: dark-green, somewhat blocky, sandy, phosphatic; interbedded sand, fine to medium-grained, subangular, phosphatic.	140	220
Reddish-brown to jet-black phosphatic pebbles and fish teeth prominent at 80-90.		
No samples	10	230

**In Oligocene (Undifferentiated):**

Limestone: cream, soft, chalky, sandy, fossiliferous (macroshells, echinoid and bryozoan remains, and Foraminifera)	50	280
<i>Textularia</i> sp., <i>Rotalia mexicana</i> var., <i>Nonionella hantkeni</i> var. <i>byramensis</i> , <i>Nonionella oligocenica</i> at 240-260.		
Limestone: cream, somewhat calcitized and massive, nodular, fossiliferous (macroshells, echinoid and bryozoan remains, and Foraminifera)	65	345

**Summary:**

Pliocene to Recent (undifferentiated)	80	80
Miocene (undifferentiated)	140	220
No samples	10	230
In Oligocene (undifferentiated)	115	345

**Potential Water-Bearing Zones:**

Limestone	65	345
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**CHATHAM COUNTY**

Location: Wilmington Park  
 Owner: No. 1 Wilmington Park (City of Savannah)  
 Driller: M. H. Gray Drilling Company  
 Drilled: 1958

Well No.: GGS 563  
 Elev.: 11

	Thickness (feet)	Depth (feet)
<b>Pliocene to Recent (Undifferentiated):</b>		
Sand: fine-grained, subangular; interbedded clay, dark-gray to dark-green, silty, micaceous, carbonaceous, fossiliferous (macroshells)	55	55

First observed macroshells at 20-25.

Macroshells abundant at 40-45.