

**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)
Indurated sand: gray, fine-grained, glauconitic (finely disseminated grains); interbedded marl, dark-gray to black, fissile, carbonaceous, micaceous, fossiliferous (Foraminifera)	40	468
<i>Pseudophragmina stephensoni</i> at 438-448.		
<i>Robulus midwayensis</i> at 448-458.		
Limestone: light-gray to white at depth, crystalline, much calcitized, sandy, fossiliferous (some macroshells, bryozoan remains, and Foraminifera)	106	574

## Summary:

Residuum	35	35
Middle Eocene (Lisbon formation)	75	110
Middle Eocene (Tallahatta formation)	88	198
Lower Eocene (Wilcox group, undifferentiated)	200	398
Paleocene (Clayton formation)	176	574

## Potential Water-Bearing Zones:

Sand: fine to coarse-grained	58	168
Sand: fine to coarse-grained	30	428
Limestone	100	574

## EARLY COUNTY

Location: In Kolomoki State Park  
 Owner: No. 2 Kolomoki State Park  
 Driller: Layne-Atlantic Company  
 Drilled: August 1951

Well No.: GGS 234

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Clay: bluish-gray to red (somewhat mottled), sandy, limonitic	18	18
Sand: coarse-grained, angular, and some residual limestone	15	33
<b>Middle Eocene: Claiborne Group: Lisbon Formation:</b>		
Limestone: light-gray, dense, rather massive, glauconitic, sandy; interbedded marl, light-gray, silty, micaceous, somewhat carbonaceous, sandy, fossiliferous (Foraminifera)	32	65
<i>Cibicides westi</i> at 45-65.		

	Thickness (feet)	Depth (feet)
<b>Tallahatta Formation:</b>		
Sand: fine to coarse-grained, angular, phosphatic.....	80	145

**Summary:**

Residuum .....	33	33
Middle Eocene (Lisbon formation).....	32	65
Middle Eocene (Tallahatta formation).....	80	145

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained.....	80	145
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**EARLY COUNTY**

Location: In Blakely  
 Owner: City of Blakely  
 Driller: Beasely Drilling Company  
 Drilled: September 1952

Well No.: GGS 321  
 Elev.: 270

	Thickness (feet)	Depth (feet)
No samples .....	320	320

**In Middle Eocene: Claiborne Group: Tallahatta Formation:**

Sand: fine to coarse-grained, subangular, glauconitic, fossiliferous (macroshells and some Foraminifera) .....	40	360
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*Valvulineria jacksonensis* var., *Valvulineria danvillensis* var., *Asterigerina lisbonensis*, *Cibicides tallahattensis* at 320-360.

Limestone: white, dense, nodular, cherty.....	?	360
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No samples .....	40	400
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**In Lower Eocene: Wilcox Group (Undifferentiated):**

Clay: dark-gray, silty, carbonaceous, micaceous, fossiliferous (some Foraminifera) .....	151	551
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*Robulus* sp., *Valvulineria scrobiculata*, *Siphonina wilcozensis* at 400-551.

Sand: fine to coarse-grained, subangular, somewhat indurated at depth, abundantly glauconitic, grains of pale-green quartz .....	19	570
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No samples .....	30	600
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