

**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**

## SCHLEY COUNTY

Location: Approximately 200 ft. east of well drilled in 1937 at City Water Works, Ellaville  
 Well No.: GGS 174  
 Elev.: 567  
 Owner: No. 2 City of Ellaville  
 Driller: Layne-Atlantic Company  
 Drilled: July 1948

Thickness  
(feet)

Depth  
(feet)

**Middle and Lower Eocene (Undifferentiated):**

Clay: brick-red, very sandy, limonitic; fragments of clay, dark-gray, silty, lignitic, micaceous; inclusions of kaolin, white, micaceous .....	25	25
Sand: fine to coarse-grained, angular; some clay, as above .....	23	48
Sand: as above; some clay, gray to ochre, micaceous.....	30	78

**Paleocene: Midway Group: Clayton Formation:**

Clay: dark-gray to black, somewhat blocky and indurated, carbonaceous, micaceous (finely disseminated), glauconitic at depth; inclusions of kaolin, white, micaceous (latter probably "cave" from above).....	12	90
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*Robulus* cf. *R. midwayensis* at 90-98.

Limestone: gray, dense, crystalline, sandy, glauconitic at depth, fossiliferous (fragments and casts and molds of macroshells and bryozoan remains).....	8	98
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**Upper Cretaceous: Providence Sand:**

Kaolin: white to red (mottled), micaceous, and cave from above..	29	127
Clay: gray to brown, somewhat blocky and indurated, carbonaceous, micaceous (finely disseminated), fossiliferous (some Foraminifera) .....	8	135

*Cibicides howelli*, *Anomalina* sp. at 127-135.

Clay: light-gray to tan, somewhat iron-stained, indurated, fissile, micaceous; sand, fine to coarse-grained, angular, and some cave from above.....	23	158
Sand: fine to coarse-grained, angular, sideritic; interbedded kaolin, white to pink (mottled), micaceous.....	107	265

**In Ripley Formation:**

Sand: fine to medium-grained, lignitic, sideritic, pyritiferous; interbedded clay, black, somewhat fissile, micaceous, carbonaceous .....	60	325
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	Thickness (feet)	Depth (feet)
Marl: gray to black, micaceous, carbonaceous, pyritiferous, fossiliferous (macroshells, Ostracods, and Foraminifera)	125	450
<i>Robulus stephensoni</i> , <i>Gaudryina rudita</i> , <i>Loxostoma plaitum</i> , <i>Anomalina clementiana</i> , <i>Anomalina pseudopapillosa</i> at 325-350.		
No samples	14	464
<b>In Cusseta(?) Sand:</b>		
Sand: fine to coarse-grained, angular, arkosic, limonitic; interbedded marl, as above	54	518
Sand: fine to coarse-grained, angular, limonitic, sideritic	128	646

#### Summary:

Middle and lower Eocene (undifferentiated)	78	78
Paleocene (Clayton formation)	20	98
Upper Cretaceous (Providence sand)	167	265
In Upper Cretaceous (Ripley formation)	185	450
No samples	14	464
In Upper Cretaceous (Cusseta(?) sand)	182	646

#### Potential Water-Bearing Zones:

Sand: fine to coarse-grained	15	190
Sand: fine to coarse-grained	5	525
Sand: fine to coarse-grained	71	646

#### SCHLEY COUNTY

Location: 3.7 mi. south of Ellaville via U.S. Highway 19, 2 mi. east of Highway 19, and 0.25 mi. northeast of LaCrosse  
 Well No.: GGS 312  
 Elev.: 527  
 Owner: No. 1 T. Childers  
 Driller: Southeastern Drilling Company  
 Drilled: July 1952

	Thickness (feet)	Depth (feet)
<b>Middle and Lower Eocene (Undifferentiated):</b>		
Clay: brick-red, sandy, limonitic	10	10
Clay: mottled, sandy, somewhat bauxitic(?)	20	30
Sand: fine to coarse-grained; interbedded clay, yellow to light-tan, somewhat sandy	35	65