

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

THE GEOLOGICAL SURVEY
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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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ATLANTA
1961

	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
In Cusseta(?) Sand:		
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)
Middle and Lower Eocene (Undifferentiated):		
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

	Thickness (feet)	Depth (feet)
Sand: fine to coarse-grained; interbedded clay, gray, carbonaceous, micaceous	55	120
Clay: yellow, bauxitic (?)	5	125

Paleocene: Midway Group: Clayton Formation:

Clay: gray to black, fissile	10	135
Limestone: gray, dense, crystalline (much calcitized), sandy, sandier at depth, fossiliferous (macroshells)	35	170

Upper Cretaceous: Providence Sand:

Kaolin: white, micaceous, sandy	5	175
Sand: fine to coarse-grained	35	210
Kaolin: mottled, sandy	26	236
Sand: coarse-grained	27	263

Summary:

Middle and lower Eocene (undifferentiated)	125	125
Paleocene (Clayton formation)	45	170
Upper Cretaceous (Providence sand)	93	263

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	35	210
Sand: coarse-grained	27	263

SCHLEY COUNTY

Location: 0.3 mi. north of Courthouse in Ellaville, 0.25 mi. west of Highway 19 at public swimming pool
 Well No.: GGS 315
 Elev.: 568
 Owner: Schley County (Department of Recreation)
 Driller: Layne-Atlantic Company
 Drilled: August 1952

	Thickness (feet)	Depth (feet)
Middle Eocene: Claiborne Group (Undifferentiated):		
Clay: yellowish-green to tan to brick-red (mottled), very sandy, limonitic	40	40
Sand: medium to coarse-grained, massive, angular	55	95