

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)
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)
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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

	Thickness (feet)	Depth (feet)
Lower Eocene and Paleocene (Undifferentiated):		
Clay: brown to olive-green, fissile, greasy appearance, iron-stained, micaceous, sideritic; blocky clay, black, carbonaceous, micaceous (finely disseminated).....	51	146
Upper Cretaceous: Providence Sand:		
Sand: coarse-grained, angular, arkosic, limonitic; interbedded clay, dark-green to tan to red (mottled), iron-stained, greasy appearance, micaceous; inclusions of kaolin, white, micaceous	62	208
Summary:		
Middle Eocene (Claiborne group, undifferentiated).....	95	95
Lower Eocene and Paleocene (undifferentiated).....	51	146
Upper Cretaceous (Providence sand).....	62	208

Potential Water-Bearing Zones:

Sand: coarse-grained	9	156
Sand: coarse-grained	30	192

Remarks:

Samples of poor quality.

SCREVEN COUNTY

Location: Approximately 100 yd. west of Savannah-Atlanta R.R., east side of Municipal Baseball Park, in Sylvania

Well No.: GGS 295
Elev.: 202

Owner: No. 3 City of Sylvania

Driller: Stevens and Southern Well Drilling Company

Drilled: April 1952

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Sand: fine to coarse-grained, subangular, arkosic; with some clay, tan to red (mottled), sandy.....	10	10
Clay: bluish-gray to tan to red (mottled), sandy, micaceous; sand, fine-grained, with finely disseminated black pebbles of phosphate	10	20
Sand: fine to coarse-grained, subangular, arkosic; some clay, yellowish-green, sandy	105	125