

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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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: gray, silty, micaceous, carbonaceous, glauconitic.....	7	127
Sand: fine to coarse-grained, glauconitic, fossiliferous (a coquina but not consolidated).....	33	160

Paleocene: Midway Group: Clayton Formation:

Limestone: gray, dense, crystalline, sparsely glauconitic, fossiliferous (megafossils and some bryozoan remains); some clay, black, fissile, carbonaceous, micaceous (finely disseminated).....	30	190
Sand: medium-grained, angular; some marl, gray, silty, micaceous.....	17	207

Summary:

No samples.....	5	5
In middle Eocene (Tallahatta formation).....	115	120
Lower Eocene (Wilcox group, undifferentiated).....	40	160
Paleocene (Clayton formation).....	47	207

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	33	160
Limestone.....	30	190
Sand: medium-grained.....	10	207

SUMTER COUNTY

Location: 2 mi. south of Flintside grade crossing of S.A.L. R.R., about 100 yds. west of county road, 40 north of dwelling

Well No.: GGS 283

Elev.: 322

Owner: No. 1 Trim Porter

Driller: F. P. Jones

Drilled: March 1952

	Thickness (feet)	Depth (feet)
Residuum:		
Sand: medium to coarse-grained, angular, limonitic.....	30	30

Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: yellow, much calcitized, somewhat crystalline, sparsely glauconitic (at depth), fossiliferous (macroshells, bryozoan remains, and some Foraminifera).....	100	130
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Siphonina jacksonensis at 40-50.*Lepidocyclina* sp., *Operculinoides* sp. at 80-90.

	Thickness (feet)	Depth (feet)
Summary:		
In Residuum	30	30
Upper Eocene (Ocala limestone)	100	130

Potential Water-Bearing Zones:

Limestone	90	130
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SUMTER COUNTY

Location: In Plains
 Owner: City of Plains
 Driller: Layne-Atlantic Company
 Drilled: March 1952

Well No.: GGS 291
 Elev.: 502

	Thickness (feet)	Depth (feet)
Middle Eocene: Claiborne Group: Tallahatta Formation:		
Clay: mottled, very sandy, limonitic	30	30
Sand: fine to coarse-grained, angular	50	80
Clay: olive-green to red (mottled), sandy	10	90
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: dark-gray, silty, glauconitic, carbonaceous, micaceous	50	140
Sand: fine to coarse-grained, subangular, glauconitic	14	154
Paleocene: Midway Group: Clayton Formation:		
Clay: black, somewhat fissile, carbonaceous, micaceous	15	169
Sand: fine-grained, indurated at certain levels, glauconitic	45	214
Clay: gray, carbonaceous, micaceous; interbedded limestone, gray, crystalline, glauconitic, fossiliferous (macroshells and some bryozoan remains)	28	242
Limestone: as above	21	263

Summary:

Middle Eocene (Tallahatta formation)	90	90
Lower Eocene (Wilcox group, undifferentiated)	64	154
Paleocene (Clayton formation)	109	263