

**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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United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

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**ATLANTA**  
**1961**

## SUMTER COUNTY

Location: 1.5 miles northeast of Plains, 4.2 miles west of Well No.: GGS 280  
 New Point Flag Station, 0.1 mile south of Highway 280 Elev.: 513  
 Owner: No. 1 Southwestern Georgia Experiment Station  
 Driller: Layne-Atlantic Company  
 Drilled: March 1952

	Thickness (feet)	Depth (feet)
No samples .....	5	5
<b>In Middle Eocene: Claiborne Group: Tallahatta Formation:</b>		
Clay: mottled, sandy, limonitic.....	33	38
Sand: fine to coarse-grained, angular.....	57	95
<b>Lower Eocene: Wilcox Group (Undifferentiated):</b>		
Clay: gray, sandy, carbonaceous, glauconitic at depth.....	49	144
<b>Summary:</b>		
No samples .....	5	5
In middle Eocene (Tallahatta formation).....	90	95
Lower Eocene (Wilcox group, undifferentiated).....	49	144
<b>Potential Water-Bearing Zones:</b>		
Sand: fine to coarse-grained.....	57	95

## SUMTER COUNTY

Location: Americus, on west side of Lee Street Rd., oppo- Well No.: GGS 281  
 site Country Club, 0.8 mi. north of Mill Creek Bridge, Elev.: 391  
 and about 20 west of southwest corner of dwelling  
 Owner: No. 1 Old Peoples (County) Home  
 Driller: Layne-Atlantic Company  
 Drilled: March 1952

	Thickness (feet)	Depth (feet)
No samples .....	5	5
<b>Middle Eocene: Claiborne Group: Tallahatta Formation:</b>		
Clay: brick-red, sandy, limonitic.....	7	12
Sand: fine to coarse-grained, subangular; interbedded clay, pale-green, somewhat micaceous, sandy.....	108	120

	Thickness (feet)	Depth (feet)
<b>Lower Eocene: Wilcox Group (Undifferentiated):</b>		
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)
<b>Residuum:</b>		
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.