

**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**

## TERRELL COUNTY

Location: 1.8 mi. north of Salem A.M.E. Church, 3.8 mi. south of Dawson-Smithville Highway 118  
 Well No.: GGS 285  
 Elev.: 211  
 Owner: No. 1 A. P. Lane  
 Driller: C. M. Eubanks

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: fine to coarse-grained, argillaceous, brick-red, limonitic	20	20
Clay: as above, with fragments of residual limestone	20	40
<i>Quinqueloculina</i> sp. at 20-30.		
Sand: fine to coarse-grained, angular, and fragments of residual limestone	40	80

**Middle Eocene: Claiborne Group (Undifferentiated):**

Sand: fine to coarse-grained, fossiliferous (macroshells); some clay, pale-green, fissile, somewhat indurated, sandy, micaceous, carbonaceous	20	100
Sand: fine to coarse-grained, angular	30	130

**Summary:**

Residuum	80	80
Middle Eocene (Claiborne group, undifferentiated)	50	130

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained	30	130
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## TERRELL COUNTY

Location: Approximately 6 mi. southwest of Dawson, south side of Highway 82 at Graves School  
 Well No.: GGS 350  
 Elev.: 351  
 Owner: No. 1 Graves School  
 Driller: Layne-Atlantic Company  
 Drilled: July 1953

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: fine to coarse-grained, coarser-grained at depth; interbedded clay, light-gray to brick-red, very sandy, limonitic	56	56
<b>Middle Eocene: Claiborne Group (Undifferentiated):</b>		
Clay: olive-green to tan to red (somewhat mottled), sandy; sand, fine to coarse-grained	10	66

	Thickness (feet)	Depth (feet)
Sand: fine to coarse-grained, somewhat indurated .....	10	76
Sand: fine to coarse-grained, angular .....	24	100
Sand: fine to coarse-grained, sparsely phosphatic; interbedded clay, yellowish-green, fissile, sandy, micaceous .....	62	162

**Lower Eocene: Wilcox Group (Undifferentiated):**

Clay: dark-gray, silty, carbonaceous, micaceous, pyritiferous; interbedded, well separated, relatively thin beds of limestone, gray, dense, sandy, glauconitic, fossiliferous (macroshells) .....	80	242
Sand: fine to coarse-grained, subangular, micaceous, abundantly glauconitic, more indurated with depth, fossiliferous (some macroshells) .....	18	260

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

Sand: fine to coarse-grained, subangular, scattered grains of pale-green quartz; some clay, dark-gray, silty, micaceous .....	44	304
Clay (or fuller's earth): light-gray, blocky, silty, carbonaceous, micaceous .....	10	314
Limestone: light-gray, dense (much calcitized), somewhat saccharoidal, sandy, fossiliferous (casts and molds of megafossils) .....	19	333

**Summary:**

Residuum .....	56	56
Middle Eocene (Claiborne group, undifferentiated) .....	106	162
Lower Eocene (Wilcox group, undifferentiated) .....	98	260
Paleocene (Clayton formation) .....	73	333

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained .....	60	160
Sand: fine to coarse-grained .....	26	304
Limestone .....	19	333

**Remarks:**

Samples of poor quality.