

**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**

	Thickness (feet)	Depth (feet)
Limestone: light-gray, dense (much calcitized), sandy, coarsely glauconitic, pyritiferous, fossiliferous (macroshells, bryozoan remains, Ostracods and Foraminifera) .....	98	433
<i>Eponides lotus</i> , <i>Globulina gibba</i> var., <i>Anomalina midwayensis</i> , <i>Cibicides howelli</i> , <i>Cibicides praecursorius</i> at 335-367.		

## Summary:

Residuum .....	82	82
Middle Eocene (Claiborne group, undifferentiated) .....	122	204
Lower Eocene (Wilcox group, undifferentiated) .....	106	310
Paleocene (Clayton formation) .....	123	433

## Potential Water-Bearing Zones:

Sand: fine to coarse-grained .....	75	190
Sand: fine to coarse-grained .....	41	320
Limestone .....	98	433

## Remarks:

Well cuttings of poor quality; not good enough to differentiate the Claiborne group.

## TERRELL COUNTY

Location: In Sasser  
 Owner: City of Sasser  
 Driller: Layne-Atlantic Company

Well No.: GGS 368  
 Elev.: 315

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: fine to coarse-grained, angular, limonitic; some clay, dark-brown, sandy, carbonaceous .....	5	5
Clay: light-gray to red (mottled), sandy, limonitic .....	30	35
Clay: olive-green to tan, sandy; some mottled clay, as above ...	8	43
Clay: as above, with fragments of residual limestone, yellow to white, much leached, fossiliferous (macroshells and bryozoan remains) .....	21	64
Sand: fine to coarse-grained, angular .....	23	87
No samples .....	18	105

	Thickness (feet)	Depth (feet)
<b>In Middle Eocene: Claiborne Group (Undifferentiated):</b>		
Limestone: white, sandy, progressively sandier and more calcitized (dense) with depth, fossiliferous (macroshells and some Foraminifera) .....	70	175
<i>Cibicides westi</i> at 105-115.		
Sand: fine to coarse-grained; some limestone, as above .....	27	202

**Summary:**

Residuum .....	87	87
No samples .....	18	105
In middle Eocene (Claiborne group undifferentiated) .....	97	202

**Potential Water-Bearing Zones:**

Limestone .....	70	175
Sand: fine to coarse-grained .....	27	202

**TERRELL COUNTY**

Location: City of Bronwood  
 Owner: No. 1 City of Bronwood  
 Driller: Layne-Atlantic Company  
 Drilled: November 1954

Well No.: GGS 406  
 Elev.: 375

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: fine to coarse-grained, angular; some clay, light-gray to brick-red (mottled), sandy .....	10	10
Clay: white to brick-red (mottled), sandy, limonitic .....	24	34
Clay: chocolate, blocky, carbonaceous, sandy; fragments of residual limestone .....	21	55
Sand: fine to coarse-grained, angular; some clay, as above .....	13	68

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

Limestone: yellow to white, dense (much calcitized), saccharoidal, very sandy, fossiliferous (fragments and molds of macroshells, echinoid remains, and some Foraminifera) .....	26	94
Clay: yellowish-green, fissile, somewhat carbonaceous, mica-ceous, sandy, fossiliferous (Foraminifera) .....	10	104