

**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)
<b>Ripley and Cusseta (Undifferentiated):</b>		
Marl: gray to red (mottled), micaceous, sandy.....	5	40
Marl: bluish-gray, micaceous, sandy, sideritic, fossiliferous (Foraminifera) .....	48	88
Sideritic nodules prominent at 50-80.		
<i>Haplophragmoides</i> sp., <i>Gaudryina rudita</i> , <i>Anomalina clem-</i> <i>entiana</i> , <i>Loxostoma plaitum</i> at 70-80.		
Limestone: gray, dense, crystalline, very sandy.....	12	100
Marl: bluish-gray, micaceous, sandy.....	90	190
Sand: coarse-grained, angular, limonitic.....	85	275
Marl: as above.....	17	292

**Summary:**

Upper Cretaceous (Providence sand).....	35	35
Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	257	292

**Potential Water-Bearing Zones:**

Sand: coarse-grained .....	85	275
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**MARION COUNTY**

Location: 6-7 mi. southwest of Buena Vista  
 Owner: No. 2 E. N. Murray  
 Driller: Southeastern Drilling Company  
 Drilled: December 1954

Well No.: GGS 409  
 Elev.: 562

	Thickness (feet)	Depth (feet)
<b>Paleocene: Midway Group: Clayton Formation:</b>		
Clay: red, very sandy, limonitic.....	28	28
<b>Upper Cretaceous: Providence Sand:</b>		
Sand: coarse-grained, arkosic.....	10	38
Clay: yellow, very sandy, limonitic.....	2	40
Sand: fine to coarse-grained, limonitic.....	10	50
Sand: fine to medium-grained, angular; interbedded clay (or kaolin), white, micaceous, sandy.....	75	125

	Thickness (feet)	Depth (feet)
<b>Ripley and Cusseta (Undifferentiated):</b>		
Marl: bluish-gray, silty, micaceous, pyritiferous, sideritic, glauconitic, fossiliferous (Foraminifera).....	135	260
<i>Anomalina clementiana</i> , <i>Globotruncana</i> sp., <i>Gaudryina rudita</i> at 130-140.		
Sand: fine to coarse-grained, angular; interbedded clay, dark-gray to brown, micaceous, pyritiferous, lignitic.....	120	380

**Summary:**

Paleocene (Clayton formation).....	28	28
Upper Cretaceous (Providence sand).....	97	125
Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	255	380

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained.....	76	366
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**MARION COUNTY**

Location: 2 mi. north of Tazewell, at the "Bryant Place" Well No.: GGS 427  
 Owner: No. 1 Tommy Brock  
 Driller: R. G. Duke  
 Drilled: December 1954

	Thickness (feet)	Depth (feet)
No samples.....	45	45
<b>In Upper Cretaceous: Tuscaloosa Formation:</b>		
Sand: fine to coarse-grained, limonitic, arkosic; interbedded kaolin, white, micaceous.....	100	145
Sand: coarse-grained, angular.....	15	160
Sand: fine to medium-grained, arkosic.....	5	165

**Summary:**

No samples.....	45	45
In Upper Cretaceous (Tuscaloosa formation).....	120	165

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained.....	25	160
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