

**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**

	Thickness (feet)	Depth (feet)
Indurated sand: fine to coarse-grained, angular .....	10	210

**Summary:**

Residuum .....	30	30
Oligocene (undifferentiated) .....	60	90
Upper Eocene (Ocala limestone) .....	120	210

**Potential Water-Bearing Zones:**

Limestone .....	110	200
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**DOOLY COUNTY**

Location: 1.25 miles west of Sugar Hill School, south side of Unadilla Road

Well No.: GGS 306  
Elev.: 357

Owner: No. 1 D. J. Folds

Driller: H. B. Truluck

Drilled: May 1952

	Thickness (feet)	Depth (feet)
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**Residuum:**

Clay: bluish-gray to brick-red to tan to purple (mottled), sandy, limonitic .....	50	50
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**Oligocene (Undifferentiated):**

Limestone: white, nodular, cherty, fossiliferous (echinoid and bryozoan remains and some Foraminifera) .....	30	80
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*Quinqueloculina* sp. at 50-60.

*Rotalia mexicana* var. at 60-70.

**Upper Eocene: Jackson Group: Ocala Limestone:**

Limestone: cream, nodular, much calcitized, somewhat crystalline, fossiliferous (macroshells, abundant echinoid and bryozoan remains, and some Foraminifera) .....	20	100
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*Eponides jacksonensis* common at 80-90.

Limestone: light-gray, dense, massive, coarsely but sparsely glauconitic, sandy, fossiliferous (casts and molds of megafossils, echinoid and bryozoan remains, Ostracods, and Foraminifera) .....	10	110
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Marl: gray, sandy, glauconitic, fossiliferous (abundant echinoid and bryozoan remains and some Foraminifera) .....	20	130
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	Thickness (feet)	Depth (feet)
Limestone: white, dense, crystalline, highly calcitized, fossiliferous (macroshells, abundant echinoid and bryozoan remains, Ostracods and Foraminifera) .....	20	150
<i>Operculinoides</i> sp. at 140-150.		
Limestone: cream, rather soft and porous but very dense and calcitized at depth, coarsely but sparsely glauconitic, fossiliferous (macroshells, abundant echinoid and bryozoan remains, Ostracods, and abundant "larger Foraminifera") .....	20	170
<i>Asterocyclina</i> sp., <i>Lepidocyclina ocalana</i> at 150-160.		
<i>Operculina mariannensis</i> , <i>Camerina striatoreticulata</i> at 160-170.		
Sand: fine to coarse-grained, angular .....	10	180

## Summary:

Residuum .....	50	50
Oligocene (undifferentiated) .....	30	80
Upper Eocene (Ocala limestone) .....	100	180

## Potential Water-Bearing Zones:

Limestone .....	90	170
Sand: fine to coarse-grained .....	10	180

## DOOLY COUNTY

Location: 9 mi. ESE of Vienna, 811 ft. north and 1,003 ft. east of Land Lot 163, 6th Land District  
 Well No.: GGS 619  
 Elev.: 442  
 Owner: No. 1 H. E. Walton  
 Driller: Georgia-Florida Drilling Company  
 Drilled: April 1960

	Thickness (feet)	Depth (feet)
<b>Miocene (Undifferentiated):</b>		
Clay: pale-greenish to brownish-gray with tan to red streaks (somewhat mottled), blocky, sandy; interbedded limestone at depth, cream, dense, sandy, somewhat cherty .....	110	110
No samples .....	530	640