

**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)
<b>Upper Eocene: Jackson Group: Ocala Limestone:</b>		
Limestone: cream, much calcitized, rather massive, fossiliferous (fragments, casts and molds of megafossils, echinoid and bryozoan remains, and some Foraminifera) _____	40	100
<i>Lepidocyclina</i> sp. at 90-100.		

## Summary:

Residuum _____	60	60
Upper Eocene (Ocala limestone) _____	40	100

## Potential Water-Bearing Zones:

Limestone _____	40	100
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## Remarks:

Additional aquifers occur below depth 100.

## DOOLY COUNTY

Location: 1.5 mi. west of Unadilla  
 Owner: No. 1 G. A. Lewis  
 Driller: H. B. Truluck

Well No.: GGS 257  
 Elev.: 447

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Clay: bluish-gray to brick-red to purple, sandy, limonitic, and fragments of residual limestone _____	30	30

## Oligocene (Undifferentiated):

Limestone: white to cream, iron-stained, leached, cherty, fossiliferous (some Foraminifera) _____	20	50
<i>Rotalia mexicana</i> var. at 30-40.		
<i>Quinqueloculina</i> sp. at 40-50.		
Sand: fine to coarse-grained, angular; chert, dark-brown, fossiliferous; residual limestone _____	10	60

## Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: white, much calcitized, somewhat saccharoidal, coarsely but sparsely glauconitic, fossiliferous (fragments of macroshells, echinoid and bryozoan remains, and some Ostracods and Foraminifera) _____	10	70
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	Thickness (feet)	Depth (feet)
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**Summary:**

Residuum .....	30	30
Oligocene (undifferentiated) .....	30	60
Upper Eocene (Ocala limestone) .....	10	70

**Potential Water-Bearing Zones:**

Limestone and sand .....	40	70
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**Remarks:**

Additional aquifers occur below depth 70.

**DOOLY COUNTY**

Location: 10 mi. east of Vienna and 1.25 mi. north of Highway 27  
 Well No.: GGS 258  
 Elev.: 360  
 Owner: No. 1 Carl Lupo  
 Driller: H. B. Truluck  
 Drilled: January 1952

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

Clay: bluish-gray to brick-red to purple, very sandy, limonitic.....	30	30
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**Oligocene (Undifferentiated):**

Limestone: yellow, much iron-stained, somewhat nodular, dense, crystalline, highly calcitized, rather massive, cherty, fossiliferous (some bryozoan remains and Foraminifera).....	40	70
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*Rotalia mexicana* var., *Quinqueloculina* sp. at 40-50.

Limestone: white, dense, crystalline, saccharoidal, fossiliferous (macroshells, echinoid and bryozoan remains, and some Foraminifera) .....	20	90
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**Upper Eocene: Jackson Group: Ocala Limestone:**

Limestone: light-gray, rather porous, considerably calcitized, coarsely glauconitic at depth, fossiliferous (echinoid and abundant bryozoan remains and Foraminifera).....	110	200
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*Lepidocyclina* sp., *Gypsina globula* at 90-100.

*Robulus alato-limbatus*, *Siphonina jacksonensis*, *Eponides jacksonensis*, *Uvigerina jacksonensis*, *Cibicides lobatulus* at 110-120.

*Operculinoides* sp. at 170-180.

*Asterocyclina* sp. at 180-190.