

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

THE GEOLOGICAL SURVEY
Bulletin Number 70

WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	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.

	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
 Owner: No. 1 D. J. Folds Elev.: 357
 Driller: H. B. Truluck
 Drilled: May 1952

	Thickness (feet)	Depth (feet)
Residuum:		
Clay: bluish-gray to brick-red to tan to purple (mottled), sandy, limonitic	50	50
Oligocene (Undifferentiated):		
Limestone: white, nodular, cherty, fossiliferous (echinoid and bryozoan remains and some Foraminifera)	30	80
<i>Quinqueloculina</i> sp. at 50-60.		
<i>Rotalia mexicana</i> 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
<i>Eponides jacksonensis</i> 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
Marl: gray, sandy, glauconitic, fossiliferous (abundant echinoid and bryozoan remains and some Foraminifera)	20	130