

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

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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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ATLANTA
1961

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Ocala Limestone:		

Limestone: white, much calcitized, crystalline, fossiliferous, (abundant bryozoan and echinoid remains and Foraminifera) _____ 5 360

Robulus alato-limbatus, *Robulus arcuato-striatus* var., *Saracenaria* sp., *Eponides cocoaensis*, *Planularia* sp., *Marginulina sublituus*, *Textularia conica*, *Guttulina irregularis*, *Guttulina spicaeformis*, *Globulina gibba*, *Sigmomorphina semitecta* var., *Cancris sagra*, *Siphonina jacksonensis*, *Alabama obtusa*, *Discorbis assulata*, *Cibicides lobatulus* at 360.

Summary:

Pliocene to Recent (undifferentiated) _____	55	55
Miocene (undifferentiated) _____	195	250
Oligocene (undifferentiated) _____	105	355
Upper Eocene (Ocala limestone) _____	5	360

Potential Water-Bearing Zones:

Sand: fine to medium-grained _____	10	150
Sand: fine to coarse-grained _____	10	250
Limestone _____	110	360

EFFINGHAM COUNTY

Location: North of U.S. Highway 80 at Faulkville : Well No.: GGS 569
 Owner: No. 1 Savannah Foundation : Elev.: 42
 Drilled: 1959

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Sand: fine to coarse-grained, subrounded, arkosic; interbedded clay, dark-green to red (mottled), sandy, micaceous _____	128	128
Clay: dark-green, blocky, sandy, micaceous, phosphatic _____	79	207
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic _____	20	227
No samples _____	21	248
Clay: yellowish-green, sandy, finely disseminated black phosphatic? grains _____	61	309

	Thickness (feet)	Depth (feet)
Limestone: light-gray, dense, crystalline, sandy, phosphatic, fossiliferous (fragments, casts and molds of macroshells); sand, fine to coarse-grained, subrounded, phosphatic	10	319
Oligocene (Undifferentiated):		
Limestone: light-gray, nodular, somewhat crystalline and saccharoidal, fossiliferous (echinoid and bryozoan remains and Foraminifera)	21	340
<i>Asterocyclina</i> ¹ sp., <i>Pyrgo</i> sp., <i>Rotalia byramensis</i> var. at 319-330.		
<i>Dictyoconus</i> ¹ sp. at 330-340.		
<i>Gypsina globula</i> ¹ , <i>Quinqueloculina</i> sp. common, <i>Pyrgo</i> sp., <i>Reussella oligocenică</i> , <i>Discorbis alabamensis</i> , <i>Rotalia byramensis</i> var., <i>Globulina</i> sp., <i>Baggina xenoula</i> , <i>Cibicides lobatulus</i> at 340-350.		
<i>Dictyoconus</i> ¹ sp. common at 360-370.		
Limestone: ² cream, somewhat soft and weathered (?), fossiliferous (macroshells, echinoid and bryozoan remains, and Foraminifera)	60	400

Summary:

Miocene (undifferentiated)	319	319
Oligocene (undifferentiated)	81	400

Potential Water-Bearing Zones:

Limestone	81	400
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EMANUEL COUNTY

Location: 0.9 miles southwest of Courthouse in Swainsboro
 Well No.: GGS 176
 Elev.: 330

Owner: No. 3 City of Swainsboro
 Driller: Virginia Supply and Well Company
 Drilled: February 1949

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: mottled, dark-green at depth, blocky, sandy; interbedded sand, fine to coarse-grained, angular, arkosic; limestone, yellow to white, massive, crystalline (in texture), sandy	178	178

¹Reworked (?) fossil of middle Eocene age.

²May be Ocala limestone of upper Eocene age.