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

THE GEOLOGICAL SURVEY
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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

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Limestone: cream, nodular (much calcitized), fossiliferous (as above)	65	168
Cancris vicksburgensis, Pullenia alazanensis at 118-128.		
Upper Eocene: Jackson Group: Cooper Marl:		
Limestone: whiter than above, soft, chalky, weathered (?), fossiliferous (abundant bryozoan remains and Foraminifera)	46	214
Siphonina jacksonensis, Gypsina globula, Eponides jacksonensis, Lepidocyclina sp. at 168-178.		
Discorbis assulata, Planulina cocoaensis, Cibicides cocoaensis, Robulus alato-limbatus, Robulus arcuato-striatus var., *Rotalia mexicana* var., *Pyrgo* sp., *Quinqueloculina* sp., *Cibicides lobatulus, Cibicides mississippiensis, Gypsina globula* at 198-214.		
Middle Eocene(?): Claiborne Group: Lisbon Formation:		
Sand: fine to coarse-grained, angular, fossiliferous (casts and molds of megafossils)	2	216
Summary:		
Miocene (undifferentiated)	91	91
Oligocene (undifferentiated)	77	168
Upper Eocene (Cooper marl)	46	214
Middle Eocene(?) (Lisbon formation)	2	216
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	13	91
Limestone	123	214
Sand: fine to coarse-grained	2	216

SCREVEN COUNTY

Location:
Owner: No. 1 Arnett Elementary School
Driller: Speedy McQuaig Plumbing Company
Drilled: 1955

Well No.: GGS 462
Elev.: 216

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, arkosic; clay, bluish-gray to tan to red (mottled), very sandy	10	10

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: yellowish-green to purple (mottled), sandy, phosphatic (at depth); interbedded sand, fine to medium-grained, somewhat coarser-grained at depth	150	160
Light-gray phosphatic pebbles prominent at 100-110.		
Yellowish-green chert prominent at 150-160.		
Clay and sand: as above; thin tongues of limestone, white, dense, sandy	60	220
Oligocene (Undifferentiated):		
Limestone: light-gray to pinkish, dense (much calcitized), nodular, sandy, fossiliferous (casts and molds of megafossils chiefly Gastropods, bryozoan remains and Foraminifera)	80	300
Dictyoconus[1] sp., *Rotalia mexicana* var., *Quinqueloculina* sp. at 220-230.		
Gypsina globula[1] common at 230-240.		
Lepidocyclina mantelli? at 250-260.		
Summary:		
Pliocene to Recent (undifferentiated)	10	10
Miocene (undifferentiated)	210	220
Oligocene (undifferentiated)	80	300
Potential Water-Bearing Zones:		
Limestone	70	290
Sand: fine to coarse-grained	10	300

SCREVEN COUNTY

Location: 6.5 mi. east of Rockyford, south side of alternate Highway 17
Owner: No. 1 Oak Grove Methodist Church
Driller: Turner Well Drilling Company
Drilled: 1959

Well No.: GGS 578
Elev.: 165

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: light-gray with red streaks (mottled), pale-yellowish-green at depth, very sandy	84	84
Sand: coarse-grained, subrounded, arkosic	41	125

[1]Reworked(?) fossil of middle Eocene age.