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)
Summary:		
Pliocene to Recent (undifferentiated)	40	40
Miocene (undifferentiated)	120	160
Oligocene (undifferentiated)	60	220
Potential Water-Bearing Zones:		
Limestone	30	220

LOWNDES COUNTY

Location: 8 mi. north of Valdosta
Owner: No. 1 Walter Todd
Driller: Winter Hardware Company
Well No.: GGS 47

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: light-gray to pink, very sandy, arkosic	10	20
Miocene (Undifferentiated):		
Clay: ochre, sandy, phosphatic	40	60
Sand: fine to medium-grained, angular, phosphatic	40	100
Clay: light-gray to pale-green, sandy, cherty; and limestone, white, sandy, much leached	20	120
Dolomitic limestone: light-brown, saccharoidal	100	220
Summary:		
Pliocene to Recent (undifferentiated)	20	20
Miocene (undifferentiated)	200	220
Potential Water-Bearing Zones:		
Sand: fine to medium-grained	40	100
Dolomitic limestone	100	220

LOWNDES COUNTY

Location: In Bemiss
Owner: No. 1 T. M. Dasher
Driller: Winter Hardware Company
Drilled: 1941
Well No.: GGS 78
Elev.: 251

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: pink, sandy, finely phosphatic	40	40
Clay: ochre, sandy, abundantly limonitic	20	60

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: ochre to dark green, sandy, phosphatic	20	80
Sand: medium-grained	20	100
Sand: fine-grained, phosphatic; limestone, white, sandy	40	140
Clay: light-gray to pale-green, sandy; limestone, as above	40	180
Oligocene (Undifferentiated):		
Sand: fine to coarse-grained, phosphatic; limestone, gray to cream, dense (much calcitized), sandy, fossiliferous at depth (macroshells, echinoid spines, and Foraminifera)	60	240
Quinqueloculina sp. at 200-240.		
No samples	20	260
Limestone: cream, soft, fossiliferous (Foraminifera)	18	278
Summary:		
Pliocene to Recent (undifferentiated)	60	60
Miocene (undifferentiated)	120	180
Oligocene (undifferentiated)	98	278
Potential Water-Bearing Zones:		
Sand: medium-grained	20	100
Limestone	18	278

LOWNDES COUNTY

Location: Bemiss
Owner: No. 1 Mount Zion School
Drilled: 1941

Well No.: GGS 79
Elev.: 250

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: ochre, sandy, abundantly limonitic	20	20
Clay: ochre, very sandy, finely phosphatic, argillaceous, containing inclusions of kaolin	20	40
Miocene (Undifferentiated):		
Clay: as above, but phosphatic	10	50
Clay: light-gray to pale-green, very sandy, phosphatic	20	70
Sand: fine to medium-grained, somewhat argillaceous, phosphatic	10	80