

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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ATLANTA
1961

LOWNDES COUNTY

Location: Barrett
 Owner: Fred Schroer
 Driller: Winter Hardware Company
 Drilled: November 1941

Well No.: GGS 24

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: red, sandy, limonitic, finely phosphatic	60	60
Clay: ochre to yellow, sandy, abundantly limonitic	20	80
Clay: dark-green, very sandy, finely phosphatic	20	100
Miocene (Undifferentiated):		
Clay: light-gray to white, indurated, very sandy, carbonaceous, cherty; interbedded limestone, white, sandy	100	200

Summary:

Pliocene to Recent (undifferentiated)	100	100
Miocene (undifferentiated)	100	200

Potential Water-Bearing Zones:

None observed to total depth (200).

LOWNDES COUNTY

Location: Valdosta
 Owner: No. 1 J. W. Holloway
 Driller: Winter Hardware Company
 Drilled: November 1941

Well No.: GGS 27
 Elev.: 250

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: mottled, sandy, limonitic	10	20
Clay: ochre, very sandy, limonitic	20	40
Sand: fine to medium-grained, argillaceous, inclusions of kaolin	20	60
Miocene (Undifferentiated):		
Sand: fine to medium-grained, argillaceous; clay, gray, indurated, sandy, phosphatic, cherty; limestone, white, dense (much calcitized), sandy, carbonaceous	20	80

	Thickness (feet)	Depth (feet)
Clay and limestone: as above	20	100
Limestone: white, sandy; and clay, gray, indurated, sandy.....	20	120
Clay: light-gray, indurated, sandy; and limestone, as above.....	20	140
Clay: as above; and dolomitic limestone, light-brown, saccharoidal, sandy	20	160
Clay: light-gray to pale-green, sandy; and dolomitic limestone, as above	20	180

Oligocene (Undifferentiated):

Limestone: light-brown to light-gray, dense (highly calcitized), somewhat dolomitized(?), fossiliferous (Foraminifera, macro-shells and bryozoan remains)	200	380
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Miliolidae prominent at 200-220.

*Dictyoconus*¹ sp. at 220-240.

Upper Eocene(?): Jackson Group: Ocala Limestone:

Limestone: light-gray, dense (much calcitized), fossiliferous (bryozoan remains and Foraminifera)	20	400
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Operculinoides sp. at 380-400.

Summary:

Pliocene to Recent (undifferentiated)	60	60
Miocene (undifferentiated)	120	180
Oligocene (undifferentiated)	200	380
Upper Eocene(?) (Ocala limestone)	20	400

Potential Water-Bearing Zones:

Limestone	220	400
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LOWNDES COUNTY

Location: 3 mi. west of Valdosta

Well No.: GGS 40

Owner: No. 1 Abligard

Driller: Winter Hardware Company

Drilled: April 1943

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, finely phosphatic, somewhat indurated; clay, ochre, sandy	20	20
Clay: gray to greenish-gray, sandy	20	40

¹Reworked (?) fossil of middle Eocene age.