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

LOWNDES COUNTY

Location: Valdosta
Owner: No. 1 City of Valdosta
Driller: Layne-Atlantic Company
Drilled: 1949
Well No.: GGS 198

	Thickness (feet)	Depth (feet)
No samples	176	176
In Miocene (Undifferentiated):		
Limestone: white, sandy; clay, pale-green, indurated, sandy, cherty	16	192
Dolomitic limestone: light-brown, dense, saccharoidal, sandy	15	207
Oligocene (Undifferentiated):		
Limestone: cream, very dense (highly calcitized) fossiliferous (bryozoan remains, macroshells, and Foraminifera)	154	361
Rotalia byramensis var. at 207-212.		
Dictyoconus[1] sp. at 212-217.		
Gypsina globula[1], *Lepidocyclina*[1] sp., *Operculinoides*[1] sp. at 327-332.		
Summary:		
No samples	176	176
In Miocene (undifferentiated)	31	207
Oligocene (undifferentiated)	154	361
Potential Water-Bearing Zones:		
Limestone	154	361

LOWNDES COUNTY

Location: 7 mi. southeast of Valdosta
Owner: No. 2 National Container Company
Driller: Layne-Atlantic Company
Drilled: 1954
Well No.: GGS 356

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to coarse-grained, limonitic, arkosic; clay, mottled, sandy	10	10
Clay: light-gray to purple, very sandy, limonitic	10	20

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

	Thickness (feet)	Depth (feet)
Sand: fine to coarse-grained, limonitic, arkosic; clay, ochre, sandy	13	33
Clay: ochre, very sandy, abundantly limonitic	3	36
Sand: fine to medium-grained, angular, argillaceous, containing inclusions of kaolin	14	50
Sand: coarse-grained, arkosic	5	55
Miocene (Undifferentiated):		
Clay: pale-green to turquoise to ochre, sandy, phosphatic	25	80
Phosphatic pebbles prominent at 55-70.		
Sand: fine to coarse-grained, phosphatic	20	100
Clay: light-gray to white, sandy, indurated (approaching a claystone), cherty at depth	40	140
Dolomitic limestone: light-brown, saccharoidal, sandy; and limestone, white, sandy	10	150

Summary:

Pliocene to Recent (undifferentiated)	55	55
Miocene (undifferentiated)	95	150

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	20	100
Dolomitic limestone	10	150

LOWNDES COUNTY

Location: 7 mi. southeast of Valdosta — Well No.: GGS 404
Owner: No. 1 National Container Company
Driller: Layne-Atlantic Company
Drilled: 1954

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Clay: pale-green to ochre to red (mottled), very sandy, limonitic	21	21
Clay: ochre, sandy	6	27
Sand: fine to medium-grained, argillaceous, angular	25	52