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)
In Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: light-gray, crystalline (much calcitized), fossiliferous (bryozoan remains and Foraminifera)	?	500
Gypsina vesicularis, Operculinoides sp., *Asterocyclina* sp. at 500.		

Summary:

Pliocene to Recent (undifferentiated)	195	195
In Miocene (undifferentiated)	265	460
No samples	40	500
In upper Eocene (Ocala limestone)	?	500

Potential Water-Bearing Zones:

Limestone	55	500

LIBERTY COUNTY

Location: 1.7 mi. northwest of Liberty County Courthouse at Hinesville, 1,900 ft. northeast of Taylors Creek Rd., at Camp Stewart — Well No.: GGS 72 — Elev.: 86
Owner: U.S. Government (War Department)
Driller: Layne-Atlantic Company
Drilled: December 1940

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, phosphatic (finely disseminated)	100	100
No samples	20	120
Sand: coarse-grained, arkosic	62	182
In Miocene (Undifferentiated):		
Clay: dark-green, sandy, phosphatic; sand, fine to coarse-grained, arkosic	98	280
Clay: dark-green, phosphatic, cherty	40	320
No samples	20	340
Dolomitic limestone: light-brown, sandy, phosphatic; interbedded limestone, gray, dense (much calcitized), very sandy, phosphatic	100	440

	Thickness (feet)	Depth (feet)
Oligocene (Undifferentiated):		
Limestone: as above; with fragments of limestone, white, dense (much calcitized), fossiliferous (casts of megafossils and Foraminifera)	70	510
Rotalia mexicana var. at 440-452.		
No samples	20	530
In Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: white, rather massive, much calcitized, fossiliferous (bryozoan remains, macroshells and Foraminifera)	120	650
Operculinoides floridensis, Asterocyclina sp. at 530-550.		
Asterocyclina nassauensis, Gypsina globula, Pseudophragmina flintensis at 550-570.		

Summary:

Pliocene to Recent (undifferentiated)	182	182
In Miocene (undifferentiated)	258	440
Oligocene (undifferentiated)	70	510
No samples	20	530
In upper Eocene (Ocala limestone)	120	650

Potential Water-Bearing Zones:

Limestone	210	650

LIBERTY COUNTY

Location: Long 81°20′45″ W., Lat 31°41′15″ N. Well No.: GGS 363
Owner: No. 1 Jelks-Rogers Elev.: 26
Driller: E. B. LaRue (derrick floor)
Drilled: 1953

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, angular, finely disseminated black phosphatic grains; interbedded clay, dark-gray, silty, micaceous	80	80
Sand: coarse-grained, subangular, arkosic	30	110
Miocene (Undifferentiated):		
Clay: dark-green, sandy, phosphatic	175	285
Claystone, dark-brown, dense, sandy, micaceous, prominent at 240-260.		