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)
Summary:		
Pliocene to Recent (undifferentiated)	16	16
Paleocene (Clayton formation)	171	187
Upper Cretaceous (Providence sand)	182	369
Upper Cretaceous (Ripley formation)	100	469
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	14	187
Sand: fine to coarse-grained	161	369

CLINCH COUNTY

Location: 5 mi. east of Stockton
Owner: No. 1 J. E. Mathews
Driller: Winter Hardware Company
Drilled: March 1942

Well No.: GGS 86
Elev.: 187

	Thickness (feet)	Depth (feet)
No samples	10	10
In Pliocene to Recent (Undifferentiated):		
Sand: medium-grained, subrounded; (near bottom of interval) clay, brownish-gray	10	20
Clay: rather dark-brownish-gray, blocky, sandy, more sandy with depth	20	40
Clay: as above but much sandier, light-brown to jet-black, polished, phosphatic pebbles[1]	60	100
Miocene (Undifferentiated):		
Clay: pale-yellowish-green, sandy, somewhat phosphatic	40	140
Clay: as above but somewhat indurated, tough	20	160
Limestone: white to cream, much calcitized, somewhat saccharoidal, sandy	20	180
Summary:		
No samples	10	10
In Pliocene to Recent (undifferentiated)	90	100
Miocene (undifferentiated)	80	180
Potential Water-Bearing Zones:		
Limestone	20	180

[1]Reworked from older beds of Miocene age.

Remarks:

More copious water supplies may be obtained by drilling deeper (than 180) into the water-bearing, underlying limestones of Oligocene and upper Eocene age.

CLINCH COUNTY

Location: 17 mi. south of Homerville, Land Lot 200, 12th Land District
Owner: No. 1 Gillican
Driller: Georgia Resources Company
Drilled: 1940

Well No.: GGS 124
Elev.: 187

	Thickness (feet)	Depth (feet)
No samples	248	248
In Miocene (Undifferentiated):		
Clay: dark-green, blocky, sandy	14	262
No samples	12	274
Sand: fine to coarse-grained, angular, somewhat arkosic, phosphatic	51	325
Clay: light-gray, sandy	3	328
Limestone: white, dense, sandy	22	350
Sand: fine to medium-grained, angular, phosphatic	10	360
Limestone: white, dense, sandy	10	370
Sand: as above, interbedded dolomitic limestone, light-brown, saccharoidal	75	445
Oligocene (Undifferentiated):		
Limestone: cream, nodular, considerably calcitized, fossiliferous (macroshells, echinoid and bryozoan remains, and some Foraminifera)	75	520
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: cream, fossiliferous (megafossils, echinoid and bryozoan remains, and Foraminifera)	180	700
Asterocyclina sp., *Operculinoides* sp., *Heterostegina* sp., *Gypsina globula* at 520.		
Camerina striatoreticulata, *Amphistegina pinarensis* var. at 690-700.		