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)
Potential Water-Bearing Zones:		
Limestone	705	1,080

Remarks:

Overall quality of cuttings poor.

LIBERTY COUNTY

Location: Taylors Creek, Camp Stewart
Owner: U.S. Government (War Department)
Driller: M. M. Gray Drilling Company
Drilled: 1955

Well No.: GGS 460
Elev.: 50

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, limonitic; interbedded clay, bluish-gray to tan to red (mottled), sandy	40	40
Sand: coarse-grained, rounded, arkosic; clay, dark-green, sandy, micaceous	100	140
In Miocene (Undifferentiated):		
Clay: dark-green, sandy, micaceous	40	180
Clay: as above; interbedded limestone, light-gray, saccharoidal (much calcitized), sandy, phosphatic	30	210
Clay: bluish-gray, indurated, sandy, cherty; interbedded limestone, light-gray, saccharoidal (much calcitized), sandy, phosphatic, fossiliferous (casts and impressions of megafossils)	110	320
Limestone: gray to light-brown, saccharoidal (much calcitized), sandy, phosphatic, dolomitized at certain levels, fossiliferous (fragments and casts of megafossils)	70	390
Oligocene (Undifferentiated):		
Limestone: cream, massive, nodular (much calcitized), fossiliferous (Foraminifera)	20	410

Quinqueloculina sp., *Rotalia mexicana* var. at 390-400.

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: cream to white, saccharoidal (much calcitized), crystalline, fossiliferous (macroshells, bryozoan remains and Foraminifera)	58	468
Asterocyclina nassauensis, Gypsina vesicularis, Operculinoides floridensis at 410-420.		
Pseudophragmina flintensis at 450-460.		

Summary:

Pliocene to Recent (undifferentiated)	140	140
In Miocene (undifferentiated)	250	390
Oligocene (undifferentiated)	20	410
Upper Eocene (Ocala limestone)	58	468

Potential Water-Bearing Zones:

Limestone	78	468

LIBERTY COUNTY

Location: 0.5 mi. south of Midway, on U.S. Highway 17, at firetower — Well No.: GGS 548
Elev.: 10
Owner: No. 1 State Forestry Department
Driller: Bailey Drilling Company
Drilled: 1957

Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, arkosic, phosphatic (finely disseminated)	10	10
Sand: fine to coarse-grained, rounded, arkosic; interbedded clay, dark-gray, to black, fissile, lignitic, micaceous	17	27
Clay: dark-gray, blocky, carbonaceous	15	42
Sand: very coarse-grained, rounded, arkosic	51	93
Miocene (Undifferentiated):		
Clay: dark-green, sandy, phosphatic; interbedded sand, fine to coarse-grained, phosphatic	214	307
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic; interbedded clay, dark-green, sandy, phosphatic; sand, fine to coarse-grained, phosphatic	83	390