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
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Potential Water-Bearing Zones:	Thickness (feet)	Depth (feet)
Sand: fine to coarse-grained	95	200
Sand: fine to coarse-grained	71	361
Limestone	62	434

TERRELL COUNTY

Location: About 2 mi. southwest of Dawson
Owner: No. 1 Stephen Cocke Fish Hatchery
Driller: M. M. Gray and Company
Drilled: September 1956

Well No.: GGS 503
Elev.: 374

	Thickness (feet)	Depth (feet)
Residuum and Middle Eocene (Undifferentiated):		
Sand: fine to coarse-grained, angular; some clay, light-gray to brick-red, sandy, limonitic	200	200
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: dark-gray to brown, somewhat fissile, micaceous, carbonaceous, abundantly glauconitic	100	300
Paleocene: Midway Group: Clayton Formation:		
Sand: fine to coarse-grained, subangular, scattered grains of pale green quartz	50	350
Clay (or fuller's earth): dark-gray, blocky, silty, micaceous, carbonaceous	10	360
Limestone: light-gray to white, dense (much calcitized), sandy, coarsely glauconitic, pyritiferous, fossiliferous (macroshells, bryozoan remains, Ostracods, and Foraminifera)	95	455
Gyroidina aequilateralis, Eponides lotus, Globulina gibba, Cibicides praecursorius at 355-365.		
No samples	25	480
In Upper Cretaceous (Undifferentiated):		
Marl: bluish-gray, silty, somewhat chalky, pyritiferous, micaceous, fossiliferous (macroshells, Ostracods, and Foraminifera); interbedded sand, fine-grained, micaceous, pyritiferous, fossiliferous (macroshells, Ostracods, and Foraminifera)	100	580
Anomalina pseudopapillosa at 480-490.		
Sand: fine to coarse-grained, angular, micaceous, phosphatic	17	597

Summary:	Thickness (feet)	Depth (feet)
Residuum and middle Eocene (undifferentiated)	200	200
Lower Eocene (Wilcox group, undifferentiated)	100	300
Paleocene (Clayton formation)	155	455
No samples	25	480
In Upper Cretaceous (undifferentiated)	117	597
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	150	200
Sand: fine to coarse-grained	50	350
Limestone	95	455

THOMAS COUNTY

Location: 8 mi. northeast of Thomasville — Well No.: GGS 19
Owner: No. 1 U.S. Army Air Field — Elev.: 225
Driller: Stevens Southern Drilling Company
Drilled: September 1942

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, somewhat argillaceous; inclusions of kaolin (at depth), white, somewhat sandy	30	30
Miocene (Undifferentiated):		
Clay: white to tan to olive-green, sandy, somewhat carbonaceous; fragments of limestone at depth	70	100
Clay: as above; some limestone, white, sandy	5	105
Limestone: white to light-brown (latter somewhat dolomitized), dense, crystalline, somewhat saccharoidal, sandy	50	155
Oligocene (Undifferentiated):		
Limestone: as above, but somewhat cherty, fossiliferous at depth	15	170
Asterigerina cf. *A. subacuta* at 160.		
Limestone: light-gray to white at depth, nodular, much calcitized, fossiliferous (some macroshells, echinoid and bryozoan remains, and Foraminifera)	65	235
Rotalia mexicana var., *Quinqueloculina* sp. at 185.		
Dictyoconus[1] sp. at 225.		

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