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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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.

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Ocala Limestone:		
Dolomitic limestone: dark-brown to rather light-brown at depth, saccharoidal	25	260
Limestone: cream, considerably calcitized, somewhat crystalline, fossiliferous (Foraminifera); interbedded dolomitic limestone, as above	40	300
Lepidocyclina sp. and *Asterocyclina* sp. common at 265. *Gypsina globula* at 280.		
Summary:		
Pliocene to Recent (undifferentiated)	30	30
Miocene (undifferentiated)	125	155
Oligocene (undifferentiated)	80	235
Upper Eocene (Ocala limestone)	65	300
Potential Water-Bearing Zones:		
Limestone	65	300

THOMAS COUNTY

Location: East side of Jackson Street, few hundred yd. east of Atlantic Coast Line R.R. depot at City Water Works in Thomasville — Well No.: GGS 132 — Elev.: 256
Owner: City of Thomasville Well No. 5
Driller: Layne-Atlantic Company
Drilled: February 1949

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, argillaceous, gray to tan (mottled), angular, finely disseminated phosphatic grains	35	35
Miocene (Undifferentiated):		
Sand: fine to medium-grained, angular; some clay, light-gray, sandy, gray to light-brown phosphatic pebbles	5	40
Limestone: white to light-brown, somewhat dolomitized, saccharoidal at depth, dense, sandy, cherty, sparsely fossiliferous at depth	130	170
Archaias sp. at 150-170.		