

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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ATLANTA
1961

	Thickness (feet)	Depth (feet)
In Oligocene (Undifferentiated):		
Limestone: cream, rather massive (calcitized), fossiliferous (Foraminifera)	80	700
<i>Dictyoconus</i> ¹ sp., <i>Quinqueloculina</i> sp. at 620-640.		

Summary:

Pliocene to Recent (undifferentiated)	75	75
Miocene (undifferentiated)	525	600
No samples	20	620
In Oligocene (undifferentiated)	80	700

Potential Water-Bearing Zones:

Sand: coarse-grained	40	290
Limestone	80	700

WAYNE COUNTY

Location: In Jesup
 Owner: City of Jesup
 Driller: Bailey Drilling Company
 Drilled: May 1958

Well No.: GGS 555
 Elev.: 100

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, angular, arkosic, phosphatic (finely disseminated); interbedded clay, dark-gray, silty, lignitic, micaceous	74	74
Miocene (Undifferentiated):		
Sand: coarse-grained, subangular; some clay, yellowish to dark-green, blocky, sandy, phosphatic at depth	21	95
Clay: yellowish to dark-green, blocky, sandy, phosphatic	190	285
Light-brown phosphatic pebbles at 95-105.		
Jet-black phosphatic pebbles at 141-152.		
Sand: coarse-grained, subangular, phosphatic; some clay, as above	68	353
Dolomitic limestone at 305-323.		
Clay: as above	61	414

¹Reworked (?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
Sand: coarse-grained, subangular, phosphatic; interbedded dolomitic limestone, light-brown, saccharoidal, sandy, phosphatic	61	475
Dolomitic limestone: as above; interbedded thin tongues of sand and clay, as above	61	536
Limestone: light-gray, dense, sandy, phosphatic, fossiliferous (echinoid remains and macroshells)	40	576

Oligocene (Undifferentiated):

Limestone: cream, rather massive, nodular, much calcitized and recrystallized, porous, fossiliferous (casts and molds chiefly of Gastropods, some echinoid and bryozoan remains, and Foraminifera)	50	626
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Quinqueloculina sp. at 576-586.

Quinqueloculina sp., *Rotalia* sp., *Gypsina globula*¹, *Dictyonus*¹ sp. at 586-596.

Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: as above, but lighter-colored at depth, fossiliferous (bryozoan remains and Foraminifera)	69	695
<i>Operculinoides</i> sp., <i>Operculinoides floridensis</i> , <i>Asterocyclina nassauensis</i> , <i>Pseudophragmina flintensis</i> , <i>Gypsina globula</i> at 626-636.		

Summary:

Pliocene to Recent (undifferentiated)	74	74
Miocene (undifferentiated)	502	576
Oligocene (undifferentiated)	50	626
Upper Eocene (Ocala limestone)	69	695

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	68	353
Sand: fine to coarse-grained	61	414
Limestone	159	695

¹Reworked(?) fossil of middle Eocene age.