

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

THE GEOLOGICAL SURVEY
Bulletin Number 70

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)
Sand: fine to coarse-grained, phosphatic.....	50	377
Sand: as above; interbedded limestone, white, sandy; clay, dark-green, sandy, phosphatic.....	63	440
Dolomitic limestone: light-brown, saccharoidal, sandy, phos- phatic.....	50	490
Oligocene (Undifferentiated):		
Limestone: light-gray, dense (much calcitized), nodular, fos- siliferous (some Foraminifera).....	8	498
<i>Dictyoconus</i> ¹ sp. at 490-498.		
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: cream, much calcitized, saccharoidal, fossiliferous (Foraminifera).....	123	621
<i>Gypsina globula</i> , <i>Operculinoides floridensis</i> at 550-560.		
<i>Asterocyclina nassauensis</i> at 570-580.		

Summary:

Pliocene to Recent (undifferentiated).....	62	62
Miocene (undifferentiated).....	428	490
Oligocene (undifferentiated).....	8	498
Upper Eocene (Ocala limestone).....	123	621

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	50	377
Limestone.....	131	621

WARE COUNTY

Location: In City of Waycross
 Owner: No. 3 City of Waycross
 Driller: Layne-Atlantic Company

Well No.: GGS 366
 Elev.: 140

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, finely disseminated phosphatic grains and scattered kaolin inclusions.....	10	10
Sand: fine to coarse-grained, arkosic, rounded; clay, light- gray to red (mottled), sandy.....	15	25
Clay: pale-green to purple (mottled), sandy.....	15	40
Sand: fine to coarse-grained, arkosic, rounded.....	25	65

¹Reworked(?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: dark-green, sandy; interbedded sand, fine to coarse-grained, phosphatic	135	200
Sand: fine to coarse-grained, phosphatic.....	50	250
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic; interbedded limestone, white, sandy; sand, fine to coarse-grained, phosphatic	90	340
Clay: light-gray, calcareous.....	20	360
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic; interbedded limestone, white, sandy; sand, fine to coarse-grained, phosphatic	70	430
Limestone: white, dense (much calcitized), sandy, phosphatic, fossiliferous (fragments and molds of megafossils).....	60	490

Oligocene (Undifferentiated):

Limestone: light-gray, dense (much calcitized), nodular, fossiliferous (some Foraminifera).....	20	510
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*Dictyoconus*¹ sp., *Quinqueloculina* sp. at 490-500.

Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: white, dense (much calcitized), fossiliferous (Foraminifera)	265	775
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Gypsina globula at 510-520.

Asterocyclina nassauensis, *Operculinoides* sp. at 550-560.

Amphistegina pinarensis var. at 680-690.

Summary:

Pliocene to Recent (undifferentiated).....	65	65
Miocene (undifferentiated)	425	490
Oligocene (undifferentiated)	20	510
Upper Eocene (Ocala limestone).....	265	775

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	50	250
Limestone	285	775

¹Reworked (?) fossil of middle Eocene age.