

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)
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Marl: light-gray, silty, glauconitic.....	17	23
Sand: fine to coarse-grained, angular, phosphatic; interbedded marl, as above.....	45	68
Sand: fine to coarse-grained, angular.....	22	90

Upper Cretaceous: Tuscaloosa Formation:

Clay: light-gray, sandy, micaceous.....	10	100
Sand: fine to coarse-grained, angular, somewhat arkosic; interbedded clay, as above.....	85	185
Sand: coarse-grained, angular, arkosic; interbedded thin beds of kaolin.....	248	433

Summary:

Upper Eocene (Barnwell formation).....	90	90
Upper Cretaceous (Tuscaloosa formation).....	343	433

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	228	413
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Remarks:

Well samples of poor quality.

WARE COUNTY

Location: At Airport, City of Waycross
Owner: No. 1 Waycross Airport
Driller: Layne-Atlantic Company

Well No.: GGS 36
Elev.: 142

Pliocene to Recent (Undifferentiated):

Sand: fine to coarse-grained, finely disseminated phosphatic grains.....	15	15
Clay: pale-green to red (mottled), sandy.....	10	25
Sand: medium to coarse-grained, arkosic.....	17	42
Sand: as above; clay, tan to red (mottled), sandy; fragments of limestone, light-gray, dense, sandy.....	20	62

Miocene (Undifferentiated):

Clay: dark-green, sandy; interbedded sand, fine to coarse- grained, phosphatic.....	265	327
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	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.