

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)
Limestone: cream, rather massive, somewhat oolitic, fossiliferous (casts and molds of megafossils and some Foraminifera)	40	320

Summary:

Pliocene to Recent (undifferentiated)	50	50
Miocene (undifferentiated)	185	235
Oligocene (undifferentiated)	85	320

Potential Water-Bearing Zones:

Limestone	85	320
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CHATHAM COUNTY

Location: Mendel Avenue, Savannah
 Owner: No. 1 M. P. Linskey
 Driller: H. L. Penton
 Drilled: 1958

Well No.: GGS 561
 Elev.: 17

	Thickness (feet)	Depth (feet)
No samples	15	15

In Pliocene to Recent (Undifferentiated):

Sand: fine-grained, subangular, sparsely phosphatic; some clay, dark-gray to dark-green, silty, micaceous, carbonaceous, fossiliferous (macroshells)	70	85
First observed macroshells at 20-25.		

Miocene (Undifferentiated):

Clay: dark-green, blocky, sandy, phosphatic; interbedded sand, fine to medium-grained, subangular, phosphatic	105	190
Reddish-brown to jet-black phosphatic pebbles common at 85-100.		
Light-brown, saccharoidal, sandy, phosphatic, dolomitic limestone at 190.		
Clay: yellowish-green, blocky, tough, sandy, phosphatic; interbedded sand, fine to medium-grained, subangular, phosphatic	38	228
No samples	2	230

	Thickness (feet)	Depth (feet)
In Oligocene (Undifferentiated):		
Limestone: cream, soft, chalky, sandy, fossiliferous (macroshells, echinoid and bryozoan remains, Ostracods, and Foraminifera)	20	250
No samples	10	260
Limestone: cream, somewhat nodular and calcitized, rather massive, fossiliferous (macroshells, bryozoan remains, Ostracods and Foraminifera)	90	350
<i>Textularia</i> sp., <i>Robulus</i> sp., <i>Discorbis</i> sp., <i>Nonionella hantkeni</i> var. <i>byramensis</i> , <i>Cibicides americanus</i> at 260-270.		
<i>Asterigerina subacuta</i> , <i>Nonionella hantkeni</i> var. <i>byramensis</i> at 290-305.		
<i>Dictyoconus</i> ¹ sp. at 305-325.		
<i>Miliolidae</i> common at 320-330.		
<i>Gypsina globula</i> ¹ , <i>Dictyoconus</i> ¹ sp. at 330-350.		

Summary:

No samples	15	15
In Pliocene to Recent (undifferentiated)	70	85
Miocene (undifferentiated)	143	228
No samples	2	230
In Oligocene (undifferentiated)	120	350

Potential Water-Bearing Zones:

Limestone	120	350
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CHATHAM COUNTY

Location: Ferguson Avenue, Savannah
 Owner: No. 1 R. Knight
 Driller: H. L. Penton
 Drilled: 1958

Well No.: GGS 562
 Elev.: 20

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine-grained, subangular; some clay, dark-gray to dark-green, silty, micaceous, carbonaceous, fossiliferous (macroshells at certain levels)	80	80
First observed macroshells at 30-40.		

¹Reworked (?) fossil of middle Eocene age.