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

Summary:	Thickness (feet)	Depth (feet)
Pliocene to Recent (undifferentiated)	120	120
Miocene (undifferentiated)	470	590
Oligocene (undifferentiated)	50	640
Upper Eocene (Ocala limestone)	70	710
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	10	70
Sand: fine to coarse-grained	20	120
Sand: fine to coarse-grained	50	490
Limestone	110	710

WAYNE COUNTY

Location: 0.75 mi. south of Screven city limits, west side of Highway 38
Owner: No. 1 Lindsey Grace
Driller: Layne-Atlantic Company
Drilled: 1955

Well No.: GGS 466
Elev.: 118

	Thickness (feet)	Depth (feet)
Pliocene to Recent (Undifferentiated):		
Sand: fine to medium-grained, angular, arkosic	5	5
Clay: yellowish-green, sandy	10	15
Sand: fine to coarse-grained, angular, arkosic; some clay, pale green to purple (mottled), sandy	30	45
Sand: very coarse-grained, arkosic	30	75
Miocene (Undifferentiated):		
Clay: yellowish-green to dark-green, phosphatic at depth	175	250
Black phosphatic pebbles common at 145-155.		
Sand: coarse-grained, phosphatic	40	290
Sand: as above; interbedded clay, dark-green, sandy, phosphatic; and dolomitic limestone, light-brown, sandy, phosphatic	103	393
Clay: dark-green, sandy, phosphatic	123	516
Dolomitic limestone: dark-brown, saccharoidal, sandy, phosphatic	84	600
No samples	20	620

	Thickness (feet)	Depth (feet)
In Oligocene (Undifferentiated):		
Limestone: cream, rather massive (calcitized), fossiliferous (Foraminifera)	80	700
Dictyoconus[1] sp., *Quinqueloculina* 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

[1]Reworked(?) fossil of middle Eocene age.