

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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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

Thickness (feet)	Depth (feet)
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Potential Water-Bearing Zones:

None observed to total depth (675).

Remarks:

This well represents the thickest section of deposits of Miocene so far observed by the writer. It seems probable, therefore, that this well might have penetrated water-bearing limestones by going deeper (possibly 100 to 150 feet deeper than 675 feet).

TAYLOR COUNTY

Location: 1 mi. south of Rupert on Highway 19

Well No.: GGS 428

Owner: No. 2 Jule Cooper

Driller: R. G. Duke

Drilled: November 1954

	Thickness (feet)	Depth (feet)
No samples	60	60

In Upper Cretaceous (Undifferentiated):

Sand: fine to medium-grained, angular, arkosic, limonitic 20 80

Sand: fine to coarse-grained, angular, limonitic; inclusions of kaolin, white, micaceous 80 160

Sand: fine to coarse-grained, angular, arkosic 20 180

Summary:

No samples	60	60
In Upper Cretaceous (undifferentiated)	120	180

Potential Water-Bearing Zones:

Sand: fine to coarse-grained 20 180

TAYLOR COUNTY

Location: 1 mi. south of Mauk on State Highway 127, at private dwelling

Well No.: GGS 492

Owner: No. 1 B. S. Parker

Driller: R. G. Duke

Drilled: May 1956

No samples	40	40
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In Upper Cretaceous (Undifferentiated):

Sand: fine to medium-grained, angular, arkosic; some kaolin, white to pink (somewhat mottled), micaceous 10 50

	Thickness (feet)	Depth (feet)
Kaolin: white, micaceous, sandy at depth	50	100
Clay: reddish-brown, very sandy, micaceous	10	110
Sand: fine to coarse-grained, angular, arkosic	50	160
Clay: gray to pink (somewhat mottled), micaceous, sandy	10	170
Sand: fine to medium-grained, angular, arkosic	30	200

Summary:

No. samples	40	40
In Upper Cretaceous (undifferentiated)	160	200

Potential Water-Bearing Zones:

Sand: fine to medium-grained	30	200
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Remarks:

Additional aquifers can be penetrated in the Tuscaloosa formation beneath the bottom of this well.

TAYLOR COUNTY

Location: 3.5 to 4 mi. north of Mauk on Atlantic Coast Well No.: GGS 499
 Line R.R. in Norwich
 Owner: No. 1 W. R. Turner
 Driller: R. G. Duke
 Drilled: December 1955

	Thickness (feet)	Depth (feet)
No samples	40	40
In Upper Cretaceous (Undifferentiated):		
Sand: medium-grained, angular, some kaolin, white, micaceous	10	50
Sand: fine to medium-grained, angular, arkosic	70	120
Sand: medium to coarse-grained, angular, arkosic	10	130

Summary:

No samples	40	40
In Upper Cretaceous (undifferentiated)	90	130

Potential Water-Bearing Zones:

Sand: medium to coarse-grained	10	130
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