

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)
In Tuscaloosa Formation:		

Sand: fine to coarse-grained, angular; interbedded clay, yellowish-green, fissile, micaceous, somewhat carbonaceous.....	90	2,125
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Summary:

No samples	765	765
In middle Eocene (Claiborne group, undifferentiated).....	320	1,085
Lower Eocene (Wilcox group, undifferentiated).....	170	1,255
Paleocene (Clayton formation).....	60	1,315
In Upper Cretaceous (post-Tuscaloosa, undifferentiated).....	690	2,005
No samples	30	2,035
In Upper Cretaceous (Tuscaloosa formation).....	90	2,125

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	80	1,085
Sand: fine to coarse-grained.....	80	1,415

Remarks:

The Ocala limestone lies somewhere in the interval 0-765 and constitutes an additional source of ground water besides being at a much shallower depth below land surface datum than the aquifers noted above.

TURNER COUNTY

Location: 0.7 mi. northwest of Coverdale
 Owner: No. 1 C. W. Dearso
 Driller: Winter Hardware Company
 Drilled: October 1942

Well No.: GGS 2
 Elev.: 413

	Thickness (feet)	Depth (feet)
No samples	10	10

In Miocene (Undifferentiated):

Clay: gray, sandy; interbedded sand, fine to coarse-grained, angular.....	70	80
Clay: yellowish-green, sandy; interbedded sand, as above.....	155	235

Oligocene (Undifferentiated):

Limestone: white, dense, nodular, calcitized, fossiliferous (bryozoan remains and some Foraminifera).....	25	260
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Rotalia mexicana var. at 240-260.

	Thickness (feet)	Depth (feet)
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Summary:

No samples	10	10
In Miocene (undifferentiated)	225	235
Oligocene (undifferentiated)	25	260

Potential Water-Bearing Zones:

Limestone	25	260
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TURNER COUNTY

Location: ½ mi. northwest of Coverdale on State Highway 112
 Well No.: GGS 13
 Elev.: 399
 Owner: No. 1 J. W. Hallman
 Driller: Winter Hardware Company
 Drilled: October 1942

	Thickness (feet)	Depth (feet)
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Miocene (Undifferentiated):

Clay: mottled, sandy, limonitic	100	100
Clay: yellowish-green, sandy; interbedded sand, fine to coarse-grained, angular, arkosic	80	180
Limestone: white, dense, sandy	20	200

In Oligocene (Undifferentiated):

Limestone: white, dense, nodular, recrystallized, fossiliferous (some Foraminifera)	40	240
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Rotalia mexicana var., *Asterigerina subacuta* at 200-220.

Summary:

Miocene (undifferentiated)	200	200
In Oligocene (undifferentiated)	40	240

Potential Water-Bearing Zones:

Limestone	40	240
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