

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)
Tallahatta Formation:		
Sand: fine to coarse-grained, angular, phosphatic.....	80	145

Summary:

Residuum	33	33
Middle Eocene (Lisbon formation).....	32	65
Middle Eocene (Tallahatta formation).....	80	145

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	80	145
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EARLY COUNTY

Location: In Blakely
 Owner: City of Blakely
 Driller: Beasely Drilling Company
 Drilled: September 1952

Well No.: GGS 321
 Elev.: 270

	Thickness (feet)	Depth (feet)
No samples	320	320

In Middle Eocene: Claiborne Group: Tallahatta Formation:

Sand: fine to coarse-grained, subangular, glauconitic, fossiliferous (macroshells and some Foraminifera)	40	360
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Valvulineria jacksonensis var., *Valvulineria danvillensis* var., *Asterigerina lisbonensis*, *Cibicides tallahattensis* at 320-360.

Limestone: white, dense, nodular, cherty.....	?	360
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No samples	40	400
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In Lower Eocene: Wilcox Group (Undifferentiated):

Clay: dark-gray, silty, carbonaceous, micaceous, fossiliferous (some Foraminifera)	151	551
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Robulus sp., *Valvulineria scrobiculata*, *Siphonina wilcozensis* at 400-551.

Sand: fine to coarse-grained, subangular, somewhat indurated at depth, abundantly glauconitic, grains of pale-green quartz	19	570
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No samples	30	600
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	Thickness (feet)	Depth (feet)
In Paleocene: Midway Group: Clayton Formation:		
Indurated sand: fine to coarse-grained, subangular, rather dense and nonporous	?	600
No samples	60	660
Limestone: light-gray, extremely dense and crystalline, sandy, fossiliferous (macroshells, bryozoan remains, and some Foraminifera)	?	660
<i>Nodosaria affinis</i> , <i>Robulus midwayensis</i> at 660.		

Summary:

No samples	320	320
In middle Eocene (Tallahatta formation)	40	360
No samples	40	400
In lower Eocene (Wilcox group, undifferentiated)	170	570
No samples	30	600
In Paleocene (Clayton formation)	60	660

Potential Water-Bearing Zones:

Limestone occurring below depth of 660.

EARLY COUNTY

Location: 1.2 mi. north of Saffold
 Owner: No. 1 Jakin Elementary School
 Driller: E. J. Carlisle
 Drilled: August 1953

Well No.: GGS 351
 Elev.: 201

	Thickness (feet)	Depth (feet)
Residuum:		
Clay: gray to pink to purple (mottled), very sandy, limonitic	45	45
Sand: fine to coarse-grained, subangular, arkosic	30	75
Clay: tan, very sandy, limonitic, with scattered fragments of residual limestone	15	90
Sand: medium to coarse-grained, subangular, arkosic; some clay, as above	45	135