

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)
Paleocene: Midway Group: Clayton Formation:		
Indurated sand: fine to medium-grained, subangular, glauconitic, fossiliferous (macroshells, Ostracods, and Foraminifera)	70	828

Macroshells abundant at 768-778.

Discorbis midwayensis at 768-778.

Operculinoides catenula common at 788-798.

Limestone: gray, nodular, sandy, fossiliferous (some macroshells, bryozoan remains, and Foraminifera)	22	850
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Pseudophragmina stephensoni at 838-850.

Summary:

Residium	135	135
In middle Eocene (Lisbon formation)	150	285
In middle Eocene (Tallahatta formation)	167	452
Lower Eocene (Wilcox group, undifferentiated)	306	758
Paleocene (Clayton formation)	92	850

Potential Water-Bearing Zones:

Sand: fine to medium-grained	50	502
Indurated sand grading downward into limestone	92	850

Remarks:

The main body of the Clayton formation proper lies below total depth of this well. For abundant ground-water supplies the well should be drilled deeper into the Clayton formation.

EARLY COUNTY

Location: 1 mi. south of road intersection in Damascus, east side of Highway 45, between highway and Seaboard Airline R.R. Well No.: GGS 358
Elev.: 229
Owner: No. 1 Kestler School
Driller: E. J. Carlisle
Drilled: August 1953

Thickness (feet)	Depth (feet)
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Residium:

Clay: bluish-gray to purple to red (mottled), sandy, limonitic, residual limestone at depth	85	85
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	Thickness (feet)	Depth (feet)
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Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: yellow, much calcitized, dense, crystalline, fossiliferous (macroshells, echinoid and bryozoan remains, and Foraminifera)	46	131
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Operculina cf. *O. mariannensis*, *Lepidocyclina* sp., *Amphistegina pinarensis* var. at 120-131.

Summary:

Residuum	85	85
Upper Eocene (Ocala limestone)	46	131

Potential Water-Bearing Zones:

Limestone	21	131
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Remarks:

Additional aquifers occur below total depth of this well.

EARLY COUNTY

Location: 7 mi. southeast of Blakely, west side of Highway 27, at dwelling

Well No.: GGS 437

Owner: No. 1 Farmers Gin and Warehouse Company

Elev.: 178

Driller: Layne-Atlantic Company

Drilled: June 1955

	Thickness (feet)	Depth (feet)
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Residuum:

Sand: tan, argillaceous, fine to coarse-grained, subangular, limonitic	4	4
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Clay: gray to pink (mottled), very sandy, limonitic	19	23
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Clay: gray to tan to dark-brown, with red streaks (somewhat mottled), very sandy, abundantly limonitic, and fragments of residual limestone	21	44
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