

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

Stephen M. Herrick, Geologist
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
Middle Eocene (Lisbon formation).....	81	336
Middle Eocene (Tallahatta formation).....	194	530
Lower Eocene (Wilcox group, undifferentiated).....	118	648
Paleocene (Clayton formation).....	32	680

Potential Water-Bearing Zones:

Limestone.....	205	240
Sand: fine to coarse-grained.....	15	255
Sand: fine to coarse-grained.....	194	530
Sand: fine to coarse-grained.....	10	590

DECATUR COUNTY

Location: 6 mi. northwest of Bainbridge, at U.S. Basic Flying School
 Well No.: GGS 49
 Elev.: 135
 Owner: No. 3 U.S. (War Department) Basic Flying School
 Driller: Layne-Atlantic Company
 Drilled: July 1942

	Thickness (feet)	Depth (feet)
No samples.....	190	190

In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: cream to light-brown at depth, much calcitized, somewhat saccharoidal, fossiliferous (macroshells, echinoid and bryozoan remains and Foraminifera).....

	105	295
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Operculinoides sp., *Amphistegina pinarensis* var. at 190.

Gypsina globula, *Operculina mariannensis*, *Lepidocyclus* sp. at 222.

Amphistegina pinarensis var. common, *Lepidocyclus* sp. at 285.

Lepidocyclus sp. common at 287.

No samples.....	18	313
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In Middle Eocene: Claiborne Group: Lisbon Formation:

Dolomitic limestone: light-gray, saccharoidal and crystalline.....	14	327
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Limestone: light-gray to white, very dense, much calcitized, coarsely glauconitic, fossiliferous (macroshells, bryozoan remains, and Foraminifera).....	12	339
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Limestone: light-gray, granular, glauconitic with finely disseminated grains, very sandy, fossiliferous (some macroshells, and bryozoan remains).....	51	390
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	Thickness (feet)	Depth (feet)
Indurated sand: light-gray to pale-yellowish-green, fine to medium-grained, somewhat argillaceous, glauconitic (finely disseminated grains), fossiliferous (macroshells).....	17	407
Marl: pale-yellowish-green, sandy, glauconitic, somewhat indurated, fossiliferous (Ostracods and Foraminifera).....	10	417

Cibicides westi at 407.

Summary:

No samples	190	190
In upper Eocene (Ocala limestone).....	105	295
No samples	18	313
In middle Eocene (Lisbon formation).....	104	417

Potential Water-Bearing Zones:

Limestone	105	295
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DECATUR COUNTY

Location: 6 mi. northwest of Bainbridge, at U.S. Basic Flying Field Well No.: GGS 57
 Elev.: 135,
 Owner: No. 1 (Test Hole) Basic Flying Field
 Driller: Layne-Atlantic Company

	Thickness (feet)	Depth (feet)
Residuum:		
Clay: bluish-gray to pink to purple (mottled), sandy, limonitic.....	20	20
Sand: fine to coarse-grained, subangular; some limestone, white, much calcitized and crystalline.....	35	55
No samples	60	115

In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: white to cream to light-brown (latter at depth), much calcitized and crystalline, fossiliferous at certain levels (bryozoan remains and Foraminifera).....	155	270
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Gypsina globula at 115.
Amphistegina pinarensis var. at 169.
Lepidocyclina sp. common at 195.

No samples	20	290
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