

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)
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained.....	14	154
Sand: fine to coarse-grained.....	45	214
Limestone.....	21	263

Remarks:

More productive aquifers (of Upper Cretaceous age) are available below 263.

SUMTER COUNTY

Location: ½ mi. northeast of Shiloh School, at dwelling
 Owner: No. 1 Smith Moore
 Driller: Southeastern Drilling Company
 Drilled: 1952

Well No.: GGS 296
 Elev.: 509

	Thickness (feet)	Depth (feet)
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Middle Eocene: Claiborne Group: Tallahatta Formation:

Sand: fine to coarse-grained, angular; interbedded clay, pale-green to tan to red (mottled), micaceous, limonitic.....	140	140
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Lower Eocene: Wilcox Group (Undifferentiated):

Clay: dark-gray, silty, micaceous, abundantly glauconitic.....	14	154
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Summary:

Middle Eocene (Tallahatta formation).....	140	140
Lower Eocene (Wilcox group, undifferentiated).....	14	154

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	40	140
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SUMTER COUNTY

Location: At Spring Creek, near swimming pool, at first road south of grocery
 Owner: No. 1 C. E. Pelcher
 Driller: F. P. Jones
 Drilled: May 1952

Well No.: GGS 303
 Elev.: 247

	Thickness (feet)	Depth (feet)
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Residuum:

Clay: dark-brown, sandy, lignitic, and fragments of residual limestone.....	30	30
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	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Ocala Limestone:		
Sand: fine to coarse-grained, somewhat indurated, glauconitic at depth, fossiliferous (macroshells).....	40	70
Middle Eocene: Claiborne Group: Lisbon Formation:		
Marl: gray, glauconitic, fossiliferous (macroshells, bryozoan remains, and Foraminifera); some sand, as above.....	20	90
<i>Asterigerina</i> sp., <i>Cibicides westi</i> at 80-90.		
Limestone: gray, coarsely glauconitic, sandy; some marl, as above.....	20	110
Tallahatta Formation:		
Sand: fine to medium-grained, fossiliferous (macroshells).....	30	140
Summary:		
Residuum.....	30	30
Upper Eocene (Ocala limestone).....	40	70
Middle Eocene (Lisbon formation).....	40	110
Middle Eocene (Tallahatta formation).....	30	140
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained.....	30	140

SUMTER COUNTY

Location: Near intersection of Virginia and Harold Sts., opposite City High School, east side of Harold St., in Americus
 Well No.: GGS 333
 Elev.: 380
 Owner: City of Americus
 Driller: Layne-Atlantic Company
 Drilled: January 1953

	Thickness (feet)	Depth (feet)
Middle Eocene: Claiborne Group: Tallahatta Formation:		
Clay: mottled, sandy, limonitic.....	30	30
Sand: fine to coarse-grained, subangular, limonitic.....	32	62
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: dark-gray, silty, carbonaceous, micaceous.....	34	96