

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

SUMTER COUNTY

Location: At Arles
 Owner: Dayton Veneer and Lumber Company
 Driller: Layne-Atlantic Company
 Drilled: 1948

Well No.: GGS 215
 Elev.: 463

	Thickness (feet)	Depth (feet)
Middle Eocene: Claiborne Group: Tallahatta Formation:		
Clay: brick-red, very sandy, limonitic.....	33	33
Clay: light-gray to tan to red (mottled); sandy, limonitic.....	20	53
Sand: fine to coarse-grained, subangular.....	82	135
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: dark-gray, sandy, carbonaceous, micaceous.....	30	165
Paleocene: Midway Group: Clayton Formation:		
Clay (or kaolin): white to light-gray, sandy, abundantly sideritic, micaceous, bauxitic?.....	38	203
Clay: light to dark-gray, silty, abundantly glauconitic, carbonaceous, micaceous.....	16	219
In Upper Cretaceous: Providence and Ripley (Undifferentiated):		
Marl: gray, silty, micaceous, glauconitic, fossiliferous at depth (Foraminifera); interbedded limestone, gray, dense, crystalline, sandy, fossiliferous (macroshells).....	167	386
Limestone prominent at 262-275.		
Limestone prominent at 342-375.		
<i>Anomalina pseudopapillosa</i> at 375-386.		
Summary:		
Middle Eocene (Tallahatta formation).....	135	135
Lower Eocene (Wilcox group, undifferentiated).....	30	165
Paleocene (Clayton formation).....	54	219
In Upper Cretaceous (Providence and Ripley, undifferentiated).....	167	386
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained.....	55	135
Sand: fine to coarse-grained.....	58	342