

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

THE GEOLOGICAL SURVEY
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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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ATLANTA
1961

BURKE COUNTY

Location: 0.25 mi. east McBean-Waynesboro Road, in ditch, Well No.: GGS 131
 south side of east-west improved road Elev.: 129
 Owner: No. 1 USGS Test Hole
 Driller: Scott Drilling Company
 Drilled: July 1946

	Thickness (feet)	Depth (feet)
Middle Eocene: Claiborne Group: Lisbon Formation:		
Sand: fine to coarse-grained, lime nodules; some clay, brick-red, sandy	30	30
Upper Cretaceous: Tuscaloosa Formation:		
Sand: fine to coarse-grained, angular, arkosic, micaceous; interbedded kaolin, black to light-gray to white, somewhat sandy, micaceous	572	602
Kaolin, black to light-gray, lignitic, very micaceous at 30-75.		
Kaolin, gray to red (mottled), micaceous, sandy at 175-210.		
Kaolin, gray to red (mottled), sandy, micaceous at 495-505.		
Kaolin, gray to red (mottled), sandy, ferruginous, micaceous; some sand, coarse-grained at 585-602.		

Basement Complex (Undifferentiated):

Clay: dark-green, highly micaceous, sericitic	18	620
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Summary:

Middle Eocene (Lisbon formation)	30	30
Upper Cretaceous (Tuscaloosa formation)	572	602
Basement complex (undifferentiated)	18	620

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	35	245
Sand: fine to coarse-grained	20	305
Sand: fine to coarse-grained	30	495
Sand: fine to coarse-grained	20	565