

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
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BIBB COUNTY

Location: 8 mi. south of Macon, at Avondale

Well No.: GGS 7

Owner: Cochran Flying Field (U. S. Govt.) Well No. 2

Elev.: 358

Driller: Layne-Atlantic Company

Drilled: May 1941

	Thickness (feet)	Depth (feet)
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Upper Eocene: Jackson Group: Barnwell Formation:

Sand: fine to coarse-grained, angular; and some clay, dark-red, very sandy	65	65
Clay, dark-red, very sandy at 0-15.		
Sand, fine to coarse-grained, angular, at 15-65.		

Upper Cretaceous: Tuscaloosa Formation:

Sand: fine to coarse-grained, angular, arkosic	80	145
Sand as above; interbedded with thin beds of kaolin, white to pink to red, micaceous, sandy	155	300
Sand, fine to coarse-grained at 200-220.		
Kaolin: white to gray to red, sandy, micaceous	142	442
Sand, fine to coarse-grained, at 342-353.		
Sand, fine to coarse-grained, at 371-375.		
Sand, coarse-grained, at 434-442.		
Sand: coarse-grained	54	496

Basement Complex (Undifferentiated):

Crystalline rocks	13	509
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Summary:

Upper Eocene (Barnwell formation)	65	65
Upper Cretaceous (Tuscaloosa formation)	431	496
Basement complex (undifferentiated)	13	509

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	45	145
Sand: fine to coarse-grained	20	220
Sand: fine to coarse-grained	11	353
Sand: fine to coarse-grained	4	375
Sand: fine to coarse-grained	6	434
Sand: fine to coarse-grained	48	490