

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

Stephen M. Herrick, Geologist
United States Geological Survey



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ATLANTA
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HOUSTON COUNTY

Location: Approximately 2 blocks west of New Perry Well No.: GGS 318
 Hotel, ½ block east of City Water Works, opposite Elev.: 318
 cemetery in Perry
 Owner: City of Perry
 Driller: Layne-Atlantic Company
 Drilled: September 1952

	Thickness (feet)	Depth (feet)
Middle and Lower Eocene (Undifferentiated):		
Sand: fine to coarse-grained, limonitic; interbedded clay, gray, lignitic; micaceous.....	90	90
Paleocene: Midway Group: Clayton Formation:		
Clay; dark-gray, hackly, lignitic.....	6	96
Upper Cretaceous: Providence Sand:		
Clay (or kaolin): white to pink (mottled), micaceous, somewhat sandy; interbedded sand, fine to coarse-grained, arkosic, pyritiferous, sideritic.....	47	143
Sand: fine to coarse-grained, arkosic, pyritiferous, sideritic; interbedded clay (or kaolin), gray to red (mottled), sandy, micaceous.....	73	216
Ripley and Cusseta (Undifferentiated):		
Marl: bluish-gray, lignitic, micaceous, sandy, sideritic, pyritiferous.....	29	245
Sand: fine to coarse-grained, rather massive, angular, arkosic; interbedded clay (or kaolin), gray, micaceous, sandy.....	245	490
Blufftown Formation:		
Clay: dark-brown, fissile, lignitic, micaceous, sandy.....	14	504
Sand: fine to coarse-grained, massive, angular, arkosic, micaceous, pyritiferous; interbedded clay, dark-brown, fissile, lignitic, micaceous, sandy.....	120	624
Summary:		
Middle and lower Eocene (undifferentiated).....	90	90
Paleocene (Clayton formation).....	6	96
Upper Cretaceous (Providence sand).....	120	216
Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	274	490
Upper Cretaceous (Blufftown formation).....	134	624

	Thickness (feet)	Depth (feet)
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained.....	10	153
Sand: fine to coarse-grained.....	35	215
Sand: fine to coarse-grained.....	52	329
Sand: fine to coarse-grained.....	24	385
Sand: fine to coarse-grained.....	64	471
Sand: fine to coarse-grained.....	15	586
Sand: fine to coarse-grained.....	25	624

HOUSTON COUNTY

Location: Southwest part of City of Warner Robins
 Owner: No. 1 City of Warner Robins
 Driller: Layne-Atlantic Company
 Drilled: January 1954

Well No.: GGS 370
 Elev.: 239

	Thickness (feet)	Depth (feet)
Tertiary (Undifferentiated):		
Clay: brick-red, very sandy, limonitic.....	20	20
Upper Cretaceous: Providence Sand:		
Kaolin: gray to pink (mottled), micaceous, sandy; sand, fine to coarse-grained.....	34	54
Sand: fine to coarse-grained, massive, angular, arkosic.....	56	110
Ripley, Cusseta, Blufftown and Eutaw (Undifferentiated):		
Clay: gray to pink, sandy, micaceous.....	32	142
Sand: fine to coarse-grained, angular, arkosic; interbedded clay, as above.....	68	210
Tuscaloosa Formation:		
Clay: gray, micaceous, sandy.....	8	218
Sand: fine to coarse-grained, massive, angular, arkosic, limonitic.....	90	308
Sand: as above, but much coarser-grained; interbedded clay, gray to red (mottled), micaceous, sandy.....	92	400