

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

Stephen M. Herrick, Geologist
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	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, li- monitic.....	90	308
Sand: as above, but much coarser-grained; interbedded clay, gray to red (mottled), micaceous, sandy.....	92	400

Summary:

	Thickness (feet)	Depth (feet)
Tertiary (undifferentiated)	20	20
Upper Cretaceous (Providence sand)	90	110
Upper Cretaceous (Ripley, Cusseta, Blufftown and Eutaw, un- differentiated)	100	210
Upper Cretaceous (Tuscaloosa formation)	190	400

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	10	110
Sand: fine to coarse-grained	34	176
Sand: fine to coarse-grained	14	206
Sand: fine to coarse-grained	18	240
Sand: fine to coarse-grained	33	281
Sand: fine to coarse-grained	14	302
Sand: fine to coarse-grained	40	380

HOUSTON COUNTY

Location: Southwest part of City of Warner Robins

Well No.: GGS 374

Owner: No. 2 City of Warner Robins

Elev.: 239

Driller: Layne-Atlantic Company

Drilled: February 1954

Thickness (feet)	Depth (feet)
---------------------	-----------------

Summary:

Tertiary (undifferentiated)	36	36
Upper Cretaceous (Providence sand)	69	105
Upper Cretaceous (Ripley, Cusseta, Blufftown and Eutaw, un- differentiated)	105	210
Upper Cretaceous (Tuscaloosa formation)	223	433

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	4	112
Sand: fine to coarse-grained	6	130
Sand: fine to coarse-grained	6	146
Sand: fine to coarse-grained	16	172
Sand: fine to coarse-grained	10	194
Sand: fine to coarse-grained	58	290
Sand: fine to coarse-grained	82	382
Sand: fine to coarse-grained	39	433

Remarks:

Samples of poor quality, hence formational tops estimated from electric log of the above well.