

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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ATLANTA
1961

PEACH COUNTY

Location: Few miles southwest of Fort Valley, at Fort Valley State College
 Well No.: GGS 348
 Elev.: 517
 Owner: No. 1 Fort Valley State College
 Driller: Layne-Atlantic Company
 Drilled: March 1953

	Thickness (feet)	Depth (feet)
Paleocene: Midway Group: Clayton Formation:		
Clay: gray to red (mottled), sandy.....	38	38
Upper Cretaceous: Providence Sand:		
Sand: coarse-grained, limonitic; clay (or kaolin), dark-brown to yellow to purple (mottled), sandy, micaceous.....	7	45
Kaolin: cream, micaceous, sandy.....	20	65
Sand: coarse-grained, angular; some kaolin, light-gray, micaceous.....	20	85
Kaolin: light-gray, micaceous.....	20	105
Sand: fine to coarse-grained; some kaolin, white to red (mottled), micaceous.....	20	125
Sand: coarse-grained, angular, limonitic.....	23	148
Ripley and Cusseta (Undifferentiated):		
Clay: light-gray to yellow, micaceous, sandy.....	6	154
Sand: fine to medium-grained; some clay, as above.....	16	170
Sand: fine to medium-grained; interbedded kaolin, white to gray to red (mottled), micaceous, sandy.....	45	215
Blufftown and Eutaw (Undifferentiated):		
Sand: fine to coarse-grained, angular, limonitic; interbedded clay (or kaolin), gray to black, micaceous, lignitic.....	110	325
Black, lignitic clay prominent at 225-245.		
Tuscaloosa Formation:		
Sand: fine to coarse-grained, angular, limonitic, rather massive; interbedded clay (or kaolin), gray to red (mottled), micaceous, sandy.....	170	495

	Thickness (feet)	Depth (feet)
Summary:		
Paleocene (Clayton formation).....	38	38
Upper Cretaceous (Providence sand).....	110	148
Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	67	215
Upper Cretaceous (Blufftown and Eutaw, undifferentiated).....	110	325
Upper Cretaceous (Tuscaloosa formation).....	170	495

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	35	140
Sand: fine to medium-grained.....	30	205
Sand: fine to coarse-grained.....	75	300
Sand: fine to coarse-grained.....	55	415
Sand: fine to coarse-grained.....	30	455
Sand: fine to coarse-grained.....	15	487

PEACH COUNTY

Location: In Fort Valley
 Owner: No. 4 City of Fort Valley
 Driller: Layne-Atlantic Company
 Drilled: January 1954

Well No.: GGS 369
 Elev.: 525¹

	Thickness (feet)	Depth (feet)
Paleocene: Midway Group: Clayton Formation:		
Clay: brick-red, very sandy, limonitic, and scattered fragments of residual limestone.....	24	24
Sand: fine to coarse-grained, angular.....	8	32
No samples.....	3	35
In Upper Cretaceous: Providence Sand:		
Kaolin: white, micaceous, sandy.....	13	48
Sand: fine to coarse-grained.....	72	120
In Ripley and Cusseta (Undifferentiated):		
Clay: gray to red (mottled), micaceous, sandy.....	90	210
In Blufftown and Eutaw (Undifferentiated):		
Sand: fine to coarse-grained; clay, gray, very micaceous.....	24	234
Clay: gray, silty, very micaceous.....	16	250
Sand: fine to coarse-grained; some clay, as above.....	30	280

¹Average elevation based on Georgia State Highway Maps.