

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

MARION COUNTY

Location: At Water Works, in Buena Vista
 Owner: No. 2 City of Buena Vista
 Driller: Layne-Atlantic Company
 Drilled: August 1948

Well No.: GGS 347
 Elev.: 633

	Thickness (feet)	Depth (feet)
Upper Cretaceous: Providence Sand:		
Sand: fine to coarse-grained, angular, limonitic.....	34	34
Ripley and Cusseta (Undifferentiated):		
Marl: bluish-gray, sandy, micaceous.....	40	74
Marl: as above; limestone, gray, dense, crystalline, very sandy, fossiliferous (macroshells).....	54	128
Marl: bluish-gray, silty, micaceous, sideritic, fossiliferous (Ostracods and Foraminifera).....	67	195
<i>Cibicides harperi, Anomalina clementiana, Loxostoma plai-</i> <i>tum, Gaudryina rudita</i> at 128-145.		
Sand: fine to coarse-grained, angular, arkosic; interbedded clay (or kaolin), gray to red (mottled), micaceous.....	115	310

Summary:

Upper Cretaceous (Providence sand).....	34	34
Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	276	310

Potential Water-Bearing Zones:

Sand: fine to coarse-grained.....	115	310
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MARION COUNTY

Location: In Buena Vista
 Owner: No. 3 City of Buena Vista
 Driller: Southeastern Drilling Company
 Drilled: July 1954

Well No.: GGS 388
 Elev.: 640

	(feet) Thickness	(feet) Depth
Upper Cretaceous: Providence Sand:		
Sand: fine to coarse-grained, angular, arkosic, limonitic, contains inclusions of kaolin.....	35	35

	Thickness (feet)	Depth (feet)
Ripley and Cusseta (Undifferentiated):		
Marl: gray to red (mottled), micaceous, sandy.....	5	40
Marl: bluish-gray, micaceous, sandy, sideritic, fossiliferous (Foraminifera)	48	88
Sideritic nodules prominent at 50-80.		
<i>Haplophragmoides</i> sp., <i>Gaudryina rudita</i> , <i>Anomalina clem-</i> <i>entiana</i> , <i>Loxostoma plaitum</i> at 70-80.		
Limestone: gray, dense, crystalline, very sandy.....	12	100
Marl: bluish-gray, micaceous, sandy.....	90	190
Sand: coarse-grained, angular, limonitic.....	85	275
Marl: as above.....	17	292

Summary:

Upper Cretaceous (Providence sand).....	35	35
Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	257	292

Potential Water-Bearing Zones:

Sand: coarse-grained	85	275
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MARION COUNTY

Location: 6-7 mi. southwest of Buena Vista
 Owner: No. 2 E. N. Murray
 Driller: Southeastern Drilling Company
 Drilled: December 1954

Well No.: GGS 409
 Elev.: 562

	Thickness (feet)	Depth (feet)
Paleocene: Midway Group: Clayton Formation:		
Clay: red, very sandy, limonitic.....	28	28
Upper Cretaceous: Providence Sand:		
Sand: coarse-grained, arkosic.....	10	38
Clay: yellow, very sandy, limonitic.....	2	40
Sand: fine to coarse-grained, limonitic.....	10	50
Sand: fine to medium-grained, angular; interbedded clay (or kaolin), white, micaceous, sandy.....	75	125