

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

HOUSTON COUNTY

Location: At City Water Works, Perry
 Owner: No. 5 City of Perry
 Driller: Layne-Atlantic Company
 Drilled: March 1955

Well No.: GGS 414
 Elev.: 295

	Thickness (feet)	Depth (feet)
Middle and Lower Eocene (Undifferentiated):		
Sand: fine to medium-grained; and clay, gray	7	7
Sand and clay: as above; with considerable amount of clay, dark-gray, micaceous, lignitic	13	20
Clay (or kaolin): light-gray to white, sandy	22	42
Paleocene: Midway Group: Clayton Formation:		
Clay: dark-gray to black, lignitic, pyritiferous	8	50
Upper Cretaceous: Providence Sand:		
Clay (or kaolin): white to red (mottled), sandy, micaceous; interbedded sand, fine to coarse-grained, angular, arkosic, limonitic	100	150
Sand: fine to coarse-grained, angular, arkosic, limonitic	40	190
Ripley and Cusseta (Undifferentiated):		
Clay: gray, sandy, micaceous, somewhat lignitic, pyritiferous; interbedded sand, fine to coarse-grained, angular, arkosic	70	260
Sand: fine to coarse-grained, rather massive (at certain horizons), arkosic; interbedded clay (or kaolin), white to gray to red (mottled), micaceous, sandy	228	488
Summary:		
Middle and lower Eocene (undifferentiated)	42	42
Paleocene (Clayton formation)	8	50
Upper Cretaceous (Providence sand)	140	190
Upper Cretaceous (Ripley and Cusseta, undifferentiated)	298	488
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained	26	180
Sand: fine to coarse-grained	192	454