

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

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ATLANTA
1961

	Thickness (feet)	Depth (feet)
Summary:		
Pliocene to Recent (undifferentiated).....	60	60
No samples	20	80
In Miocene (undifferentiated).....	300	380

Potential Water-Bearing Zones:

None observed to total depth of well.

HOUSTON COUNTY

Location: Approximately 75 ft. east of Big Indian Creek, Well No.: GGS 53
 'at City Water Works, Perry Elev.: 295
 Owner: City of Perry
 Driller: Layne-Atlantic Company
 Drilled: 1939

	Thickness (feet)	Depth (feet)
Middle and Lower Eocene and Paleocene (Undifferentiated):		
Sand: fine to medium-grained, limonitic; and clay, gray, sandy.....	78	78
Upper Cretaceous: Providence Sand:		
Kaolin: gray to red (mottled), sandy, micaceous; interbedded sand, fine to coarse-grained, arkosic, limonitic.....	122	200
Ripley, Cusseta and Blufftown (Undifferentiated):		
Clay: dark-gray, silty, micaceous, pyritiferous.....	75	275
Sand: fine to coarse-grained, arkosic; interbedded clay (or kaolin), gray to red (mottled), micaceous, sandy.....	480	755
No samples	165	920
In Tuscaloosa Formation:		
Clay: gray to purple (mottled), micaceous, sandy; numerous beds of sand, fine to coarse-grained, angular, arkosic, limonitic	340	1,260
Summary:		
Middle and lower Eocene and Paleocene (undifferentiated).....	78	78
Upper Cretaceous (Providence sand).....	122	200
Upper Cretaceous (Ripley, Cusseta and Blufftown, undifferentiated).....	555	755
No samples	165	920
In Upper Cretaceous (Tuscaloosa formation).....	340	1,260

Potential Water-Bearing Zones:

	Thickness (feet)	Depth (feet)
Sand: coarse-grained	6	92
Sand: coarse-grained	15	200
Sand: coarse-grained	19	319
Sand: coarse-grained	4	371
Sand: coarse-grained	20	676
Sand: coarse-grained	11	715
Sand: coarse-grained	5	975
Sand: coarse-grained	20	1,220

HOUSTON COUNTY

Location: Southeast corner of Land Lot 266, 14th Land District
 Well No.: GGS 194
 Elev.: 364
 Owner: No. 1 H. B. Gilbert
 Driller: Tricon Minerals, Inc.
 Drilled: September 1949

	Thickness (feet)	Depth (feet)
Oligocene and Eocene (Undifferentiated):		
Clay: yellowish-green to red (mottled), blocky, carbonaceous, somewhat sandy; and limestone, cream colored, cherty, fossiliferous (bryozoan remains)	30	30
Limestone: as above	38	68
Sand: fine to medium-grained, angular	21	89
Clay: dark-green to tan to red (mottled), sandy; limestone, as above; and sand, fine to medium grained	30	119
Sand: fine to medium-grained	31	150
No samples	40	190
In Paleocene: Midway Group: Clayton Formation:		
Clay: dark-brown, blocky, lignitic; and sand, fine to coarse-grained, pyritiferous	15	205
Upper Cretaceous: Providence Sand:		
Sand: fine to coarse, angular, arkosic, pyritiferous; and thin beds of clay (or kaolin), mottled, sandy, micaceous	180	385
Ripley and Cusseta (Undifferentiated):		
Clay: bluish-gray to black, carbonaceous, micaceous, sideritic, pyritiferous; some sand, fine to coarse-grained, arkosic, pyritiferous	95	480