

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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ATLANTA
1961

	Thickness (feet)	Depth (feet)
Barnwell Formation:		
Marl: gray, silty, fossiliferous (echinoid and bryozoan remains, and Foraminifera); interbedded limestone, cream, glauconitic	60	110
<i>Textularia hockleyensis</i> at 90-100.		
Limestone: cream, fossiliferous (echinoid and bryozoan remains and Foraminifera)	30	140
Abundant bryozoan remains at 110-120.		
<i>Lepidocyclina</i> sp. at 130-140.		
Sand: fine to coarse-grained, angular	10	150

Summary:

Residuum	30	30
Upper Eocene (Cooper marl)	20	50
Upper Eocene (Barnwell formation)	100	150

Potential Water-Bearing Zones:

Limestone	30	140
Sand: fine to coarse-grained	10	150

PULASKI COUNTY

Location: Near Ocmulgee River in Hawkinsville
 Owner: No. 1 Opelika Mfg. Company
 Driller: Virginia Supply and Well Company
 Drilled: March 1953

Well No.: GGS 339
 Elev.: 245

	Thickness (feet)	Depth (feet)
Residuum:		
Sand: fine to coarse-grained, subangular, limonitic	5	5
Clay: brown to olive-green, somewhat mottled, sandy, limonitic; fragments of residual limestone, yellow, much leached, sandy, fossiliferous (some Foraminifera)	20	25
<i>Quinqueloculina</i> sp., <i>Rotalia mexicana</i> var., <i>Asterigerina subacuta</i> at 5-25.		
Upper Eocene: Jackson Group: Cooper Marl:		
Sand: fine to coarse-grained, subangular, coarsely glauconitic, fossiliferous (some Foraminifera)	5	30
<i>Reussella eocena</i> , <i>Bulimina jacksonensis</i> at 25-30.		

	Thickness (feet)	Depth (feet)
Limestone (or indurated sand?): white to yellow, abundantly arenaceous, fossiliferous (some Foraminifera)	15	45
<i>Lepidocyclina</i> sp., <i>Alabamina atlantisae</i> , <i>Cibicides</i> sp. at 30-45.		

Barnwell Formation:

Marl: light-gray, sandy, glauconitic, fossiliferous (carrying bryozoan and echinoid remains, Ostracods, and Foraminifera); interbedded limestone, light-gray, much calcitized, crystalline, sandy, glauconitic, fossiliferous (fragments and molds of megafossils)	56	101
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Textularia hockleyensis, *Robulus alato-limbatus*, *Dentalina jacksonensis*, *Nonion advena*, *Discorbis assulata*, *Discorbis* cf. *D. subaraucana*, *Nodosaria fissicostata*, *Guttulina irregularis*, *Sigmomorphina jacksonensis*, *Valvulineria jacksonensis*, *Cibicides danvillensis*, *Planulina cocoaensis* at 45-55.

Limestone: gray, crystalline, somewhat saccharoidal, fossiliferous (macroshells, echinoid and abundant bryozoan remains, and Foraminifera)	39	140
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Gypsina globula, *Lepidocyclina* sp., *Asterocyclina* sp., *Operculina mariannensis* at 120-140.

Sand: medium to coarse-grained	10	150
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Middle Eocene: Claiborne Group: Lisbon Formation:

Marl: gray, silty, fossiliferous (macroshells and Foraminifera); interbedded sand, fine to coarse-grained, angular, glauconitic, at depth, fossiliferous (macroshell coquina)	109	259
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Cibicides westi at 172-175.

Macroshells common at 187-207.

Glauconite prominent at 231-247.

Limestone: gray, dense, crystalline, sandy, glauconitic, interbedded marl as above	20	279
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Pink, sericitic clay prominent at 259-265.

Tallahatta Formation:

Clay: dark-brown, somewhat fissile, glauconitic, lignitic; interbedded sand, fine to coarse-grained	40	319
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	Thickness (feet)	Depth (feet)
Summary:		
Residuum	25	25
Upper Eocene (Cooper marl)	20	45
Upper Eocene (Barnwell formation)	105	150
Middle Eocene (Lisbon formation)	129	279
Middle Eocene (Tallahatta formation)	40	319

Potential Water-Bearing Zones:

Limestone	39	140
Sand: medium to coarse-grained	10	150
Sand: fine to coarse-grained	13	220
Sand: fine to coarse-grained	16	247
Sand: fine to coarse-grained	31	316

Remarks:

Limestones belonging to the Claiborne group are too dense and nonporous to constitute good water-bearing formations.

The more productive water-bearing sands for the area lie below the total depth (319) penetrated by this well. Such aquifers are of Upper Cretaceous age.

PULASKI COUNTY

Location: 4 mi. south of Pulaski-Bleckley County line. Well No.: GGS 472
 east side of U.S. Highway 26, Land Lot 306, 21st Land Elev.: 280
 District
 Owner: No. 1 E. H. Tripp
 Driller: Ainsworth, Inc.
 Drilled: October 1954

	Thickness (feet)	Depth (feet)
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Residuum:

Clay: mottled, very sandy, limonitic, and fragments of residual limestone (at depth)	80	80
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Rotalia mexicana var. at 70-80.

Oligocene (Undifferentiated):

Limestone: yellow, nodular, somewhat iron-stained, leached, cherty, fossiliferous (echinoid and frequent bryozoan remains, and some Foraminifera)	20	100
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Asterigerina sp., *Eponides byramensis* at 100-110.