

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

Stephen M. Herrick, Geologist
United States Geological Survey



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ATLANTA
1961

	Thickness (feet)	Depth (feet)
In Middle Eocene: Claiborne Group (Undifferentiated):		
Limestone: white, sandy, progressively sandier and more calcitized (dense) with depth, fossiliferous (macroshells and some Foraminifera)	70	175
<i>Cibicides westi</i> at 105-115.		
Sand: fine to coarse-grained; some limestone, as above	27	202

Summary:

Residuum	87	87
No samples	18	105
In middle Eocene (Claiborne group undifferentiated)	97	202

Potential Water-Bearing Zones:

Limestone	70	175
Sand: fine to coarse-grained	27	202

TERRELL COUNTY

Location: City of Bronwood
 Owner: No. 1 City of Bronwood
 Driller: Layne-Atlantic Company
 Drilled: November 1954

Well No.: GGS 406
 Elev.: 375

	Thickness (feet)	Depth (feet)
Residuum:		
Sand: fine to coarse-grained, angular; some clay, light-gray to brick-red (mottled), sandy	10	10
Clay: white to brick-red (mottled), sandy, limonitic	24	34
Clay: chocolate, blocky, carbonaceous, sandy; fragments of residual limestone	21	55
Sand: fine to coarse-grained, angular; some clay, as above	13	68

Middle Eocene: Claiborne Group (Undifferentiated):

Limestone: yellow to white, dense (much calcitized), saccharoidal, very sandy, fossiliferous (fragments and molds of macroshells, echinoid remains, and some Foraminifera)	26	94
Clay: yellowish-green, fissile, somewhat carbonaceous, micaceous, sandy, fossiliferous (Foraminifera)	10	104

	Thickness (feet)	Depth (feet)
Sand: fine to coarse-grained, angular <i>Cibicides westi</i> at 126.	30	134
Sand: fine to coarse-grained, subangular; interbedded thin stringers (clay partings) of clay, yellowish-green, somewhat sandy, micaceous, fossiliferous (rare Foraminifera).....	104	238
Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: dark-gray, silty, carbonaceous, micaceous, glauconitic, pyritiferous	8	246
Limestone: light-gray, dense, much calcitized, sandy, coarsely glauconitic, fossiliferous (macroshells)	8	254
Clay: dark-gray, silty, carbonaceous, micaceous, pyritiferous, glauconitic; interbedded sand, fine to medium-grained, subangular, glauconitic	70	324
Indurated sand (or very sandy limestone): fine to coarse-grained, subangular, coarsely glauconitic, fossiliferous (macroshells)	6	330
Paleocene: Midway Group: Clayton Formation:		
Clay: gray to red (mottled), silty, micaceous, bauxitic?.....	20	350
Sand: fine to coarse-grained, subangular, scattered grains of pale-green quartz.....	16	366
Clay (or fuller's earth): gray, silty, blocky, carbonaceous, micaceous	6	372
Limestone: light-gray, dense, sandy, pyritiferous, glauconitic, fossiliferous (fragments and molds of megafossils, bryozoan remains, Ostracods and Foraminifera); interbedded clay, light-gray to black, fissile, carbonaceous, finely micaceous, fossiliferous (Foraminifera)	28	400
<i>Cibicides howelli</i> , <i>Cibicides praecursorius</i> , <i>Siphonina wilcoxensis</i> at 373-382.		
<i>Robulus degolyeri</i> , <i>Discorbis midwayensis</i> var. <i>trinitatensis</i> , <i>Cibicides howelli</i> , <i>Cibicides praecursorius</i> , <i>Alabama wilcoxensis</i> , <i>Valvulineria scrobiculata</i> at 382-392.		
Limestone: light-gray, dense, sandy, coarsely glauconitic, fossiliferous (fragments and molds of megafossils, bryozoan remains, Ostracods and Foraminifera)	53	453
<i>Robulus midwayensis</i> , <i>Robulus degolyeri</i> , <i>Eponides lotus</i> , <i>Discorbis midwayensis</i> , <i>Discorbis midwayensis</i> var. <i>trinitatensis</i> , <i>Anomalina midwayensis</i> , <i>Globulina gibba</i> var. at 392-412.		

	Thickness (feet)	Depth (feet)
Summary:		
Residuum	68	68
Middle Eocene (Claiborne group, undifferentiated)	170	238
Lower Eocene (Wilcox group, undifferentiated)	92	330
Paleocene (Clayton formation)	123	453

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	20	126
Sand: fine to coarse-grained	50	190
Sand: fine to coarse-grained	16	366
Limestone	53	453

TERRELL COUNTY

Location: Southeastern part of city, west side of Highway 50, in Dawson

Well No.: GGS 407

Owner: No. 1 Matthew Williams

Elev.: 354

Driller: Layne-Atlantic Company

Drilled: 1954

	Thickness (feet)	Depth (feet)
Residuum:		
Sand: fine to coarse-grained, angular; interbedded clay, mottled, sandy, carbonaceous, limonitic	23	23
Sand: as above; clay, chocolate; scattered fragments of residual limestone	41	64

Middle Eocene: Claiborne Group: Lisbon Formation:

Marl: yellowish-green, somewhat fissile, sandy, micaceous, fossiliferous (some poorly preserved Foraminifera)	11	75
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Spiroplectammia mississippiensis var., *Textularia cuyleri*,
Siphonina claibornensis, *Cibicides westi* at 64-75.

Sand: fine to coarse-grained, angular; some limestone, yellow, sandy, fossiliferous (macroshells and Foraminifera)	10	85
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Limestone: yellow, dense (much calcitized), saccharoidal, very sandy, fossiliferous (macroshells and Foraminifera)	20	105
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Asterigerina lisbonensis at 85-105.

Sand: fine to coarse-grained, angular, coarsely glauconitic, fossiliferous (macroshells)	21	126
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