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

	Thickness (feet)	Depth (feet)
Middle Eocene (Lisbon formation)	. 81	336
Middle Eocene (Tallahatta formation)		530
Lower Eocene (Wilcox group, undifferentiated)		648
Paleocene (Clayton formation)		680
. I II		,
Potential Water-Bearing Zones:	a <u>R</u>	
Limestone		240
Sand: fine to coarse-grained	15 ,	255
Sand: fine to coarse-grained		530
Sand: fine to coarse-grained	10	,590
$\epsilon_{ij} = \frac{1}{2}$. The second $\epsilon_{ij} = \epsilon_{ij}$		
	2	* oc
DEC	ATUR CO	UNTY
	No.: GGS	49
Flying School Elev. Owner: No. 3 U.S. (War Department) Basic Flying School	: 155	,
Driller: Layne-Atlantic Company		
Drilled: July 1942		
Diffied, July 1342	Thickness	Depth
	(feet)	(feet)
32 44.65		
No samples	190	190
In Upper Eocene: Jackson Group: Ocala Limestone:	4	
Limestone: cream to light-brown at depth, much calcitized,	•	
somewhat saccharoidal, fossiliferous (macroshells, echinoid		-
and bryozoan remains and Foraminifera)	105	295
and Digosom Tomanis and Tomanistary	. 100	200
Operculinoides sp., Amphistegina pinarensis var. at 190.		
Gypsina globula, Operculina mariannensis, Lepidocyclina sp.		
at 222.	· ()	att ,
Amphistegina pinarensis var. common, Lepidocyclina sp. at		
285. Lepidocyclina sp. common at 287.		
No samples	4	
No samples	18	313
In Middle Eocene: Claiborne Group: Lisbon Formation:		
Dolomitic limestone: light-gray, saccharoidal and crystalline	14	327
Limestone: light-gray to white, very dense, much calcitized,		
coarsely glauconitic, fossiliferous (macroshells, bryozoan re-	' !	*
mains, and Foraminifera)	12	339
:		500
Limestone: light-gray, granular, glauconitic with finely dis-		(*)
seminated grains, very sandy, fossiliferous (some macro-	1.	
shells, and bryozoan remains)	51	390

	,	Thickness (feet)	Depth (feet)
medium-grain	d: light-gray to pale-yellowish-green, fine to ned, somewhat argillaceous, glauconitic (finely grains), fossiliferous (macroshells)	17	407
	lowish-green, sandy, glauconitic, somewhat in- illiferous (Ostracods and Foraminifera)		417
Cibicides wes	ati at 407.		
	Summary:		,
No samples		190	190
FOR ANY THE RESIDENCE AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE P	(Ocala limestone)		295
No samples			313
In middle Eocene	(Lisbon formation)		417
in middle Bocche	(Discon Tormation)		41.
	Potential Water-Bearing Zones:		
WC .	N. A. S.		
Limestone		105	295
	* **		
*			
	DEC	ATUR CO	UNTY
Location: 6 mi. 1	northwest of Bainbridge, at U.S. Basic Well		57
	est Hole) Basic Flying Field	: 135	Depth
Owner: No. 1 (T	est Hole) Basic Flying Field	Thickness (feet)	
Owner: No. 1 (T	est Hole) Basic Flying Field	Thickness	
Owner: No. 1 (T Driller: Layne-A Residuum:	est Hole) Basic Flying Field tlantic Company	Thickness (feet)	
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to	est Hole) Basic Flying Field tlantic Company	Thickness (feet)	(feet)
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much	est Hole) Basic Flying Field tlantic Company ay to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone,	Thickness (feet)	20
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples	est Hole) Basic Flying Field tlantic Company cay to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline	Thickness (feet)	20
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples In Upper Eocene Limestone: wh much calcitiz	est Hole) Basic Flying Field tlantic Company eay to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline	Thickness (feet) 20 35 60	20
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples In Upper Eocene Limestone: wh much calcitiz (bryozoan re	ray to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline	Thickness (feet) 20 35 60	20 55 115
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples In Upper Eocene Limestone: wh much calcitiz (bryozoan re Gypsina glob	ray to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline	Thickness (feet) 20 35 60	20 55 115
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples In Upper Eocene Limestone: wh much calcitiz (bryozoan re Gypsina glob Amphistegin	est Hole) Basic Flying Field tlantic Company eay to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline : Jackson Group: Ocala Limestone: nite to cream to light-brown (latter at depth), ted and crystalline, fossiliferous at certain levels emains and Foraminifera) pula at 115. a pinarensis var. at 169.	Thickness (feet) 20 35 60	20 55 115
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples In Upper Eocene Limestone: wh much calcitiz (bryozoan re Gypsina glob Amphistegin	ray to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline	Thickness (feet) 20 35 60	20 55 115
Owner: No. 1 (T Driller: Layne-A Residuum: Clay: bluish-gr Sand: fine to white, much No samples In Upper Eocene Limestone: wh much calcitiz (bryozoan re Gypsina glob Amphistegin Lepidocycline	est Hole) Basic Flying Field tlantic Company eay to pink to purple (mottled), sandy, limonitic coarse-grained, subangular; some limestone, calcitized and crystalline : Jackson Group: Ocala Limestone: nite to cream to light-brown (latter at depth), ted and crystalline, fossiliferous at certain levels emains and Foraminifera) pula at 115. a pinarensis var. at 169.	Thickness (feet) 20 35 60	20 55 115