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

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA 1961

e w			
	· ,	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Ocala Limestone:			
Dolomitic limestone: dark-brown to rather light-brodepth, saccharoidal	200	25	260
Limestone: cream, considerably calcitized, somewhat of line, fossiliferous (Foraminifera); interbedded do limestone, as above	olomitic	40	300
Lepidocyclina sp. and Asterocyclina sp. common at 2 Gypsina globula at 280.	65.	20	,
Q		i.c	
Summary:			
Pliocene to Recent (undifferentiated)		30	30
Miocene (undifferentiated)		125	155
Oligocene (undifferentiated)		80	235
Upper Eocene (Ocala limestone)		65	300
3			2 .
Potential Water-Bearing Zones:			
T			
Limestone		65	300
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· , *	.*		
	TH	OMAS CO	UNTY
Location: East side of Jackson Street, few hundred you east of Atlantic Coast Line R.R. depot at City Water		ll No.: GG v.: 256	S 132
Works in Thomasville	2		
Owner: City of Thomasville Well No. 5		8	
Driller: Layne-Atlantic Company			
Drilled: February 1949		Thickness	Depth
	· ·	(feet)	(feet)
·			
Pliocene to Recent (Undifferentiated):			
Sand: fine-grained, argillaceous, gray to tan (me	o++1od)		(Pt, 19
angular, finely disseminated phosphatic grains		35	35
Miocene (Undifferentiated):			
Sand: fine to medium-grained, angular; some clay, gray, sandy, gray to light-brown phosphatic pebbles		5	40
Limestone: white to light-brown, somewhat dolomitize charoidal at depth, dense, sandy, cherty, sparsely ferous at depth		130	170
Archaius sp. at 150-170.			

	Thickness (feet)	Depth (feet)
Oligocene (Undifferentiated):		
Limestone: white to cream, nodular, crystalline, much calcitized, fossiliferous (casts and impressions of megafossils and some Foraminifera)	130	300
Rotalia mexicana var., Quinqueloculina sp., Dictyoconus sp. at 170-300.		
Upper Eocene: Jackson Group: Ocala Limestone:		
Dolomitic limestone: dark-brown to light-brown to white at depth, saccharoidal, gysiferous	_ 205	505
Limestone: light-gray to white, saccharoidal, dense, crystal- line, much calcitized, gypsiferous at certain horizons, fos- siliferous (macroshells, echinoid remains and Foraminifera)	200.	705
Lepidocyclina sp., Operculinoides sp. at 505-520. Gypsina globula at 530-545. Pseudophragmina flintensis at 570-585.		J
Limestone: yellowish, crystalline, highly calcitized, somewhat saccharoidal, fossiliferous (Foraminifera)	320	1,025
Camerina striatoreticulata, Amphistegina pinarensis var. at 770-790. Camerina striatoreticulata abundant at 920-945.		¥
Camerina struttorettatata abundant at 920-949.		
In Middle Eccene: Claiborne Group: Lisbon Formation:		
Limestone: cream, granular, rather loosely consolidated, cherty at depth dense, crystalline, coarsely glauconitic; interbedded marl, light-gray, somewhat indurated, fissile	587	1,612
Tallahatta Formation:		
Sand: fine to coarse-grained, angular, abundantly glauco- nitic, fossiliferous (some Foraminifera)	23	1,635
Operculinoides sp., Asterocyclina sp. at 1612-1620.	9	
Summary:		
Pliocene to Recent (undifferentiated) Miocene (undifferentiated) Oligocene (undifferentiated) Upper Eocene (Ocala limestone) In middle Eocene (Lisbon formation) Middle Eocene (Tallahatta formation)	135 130 725 587	35 170 300 1,025 1,612 1,635
		_,,

¹Reworked (?) fossil of middle Eocene age.

400	GEORGIA GEOL	LOGICAL SURVEY B	ULLETIN 70		
	Doto-tial	Water Peoris	Zonos	Thickness (feet)	Depth (feet)
		Water-Bearing			
					300
Limestone				270	770
	*0	Remarks:			
	2.00	Kemarks:		2	·.
highly mineralize Sand at depth 16	ed water and is, 12-1635 containe	bove carries gyps therefore, not a ed salt water with f fresh ground wa	source of go chlorides ap	od ground	water.
				3 1	
	W.			*	. 14
			T	HOMAS CO	UNTY
Location: In The	masville '	. 6 10	w	ell No.: GG	S 401
Owner: City of				ev.: 285 ¹	
Driller: M. M. G	ray Drilling Con	mpany	Α.	y.	,ec:
Drilled: Septemb	er 1954	jady j≌r aj	0 -	3 3 3	VACC DIE
		·**** /** *	٧	. Thickness (feet)	Depth (feet)
	ined, argillaceou	s, mottled, limoni		153	10
		is, olive-green to ndy			35
Miocene (Undiffe	erentiated):	⁽⁷)	.स. <u>१</u> .भ	٠٠.	
Clay: white to	light-gray to pa	ale-green, sandy,	phosphatic	15	50
White to light	ht-gray phosphat	tic pebbles promin	nent at 40-50		
fine to med	ium-grained, an	dy, cherty; inter gular; beds of c ndy, phosphatic	lay, white to	, * '	100
roidal, dense	e, crystalline, sa	what dolomitized andy, fossiliferou	s (casts and	٠.	
molds of meg	gafossils); interl	bedded clay, as al	ove	80	180
Oligocene (Undit	iferentiated):		, at	9	. J ₁ 117
		e, dense, nodular raminifera at var			295
ANDRON ON MEMBER COOPER	subacuta at 180)-190.		1	i di
Dictyoconus ²	sp. at 280-290.	,	1	ar.	

Average elevation based on Georgia State Highway Maps. Reworked (?) fossil of middle Eocene age.