Table 2. Occurrence of planktic foraminifers identified in samples from ACGS #4

EPOCH	STRATIGRAPHIC UNITS	ZONE (Toumarkine and Bolli, 1970; Toumarkine and Luterbacher, 1985)	SAMPLE DEPTH IN CORE (Feet)	TAXA	SAMPLE DEPTH IN CORE (Feet)
Miocene Early	Kirkwood Formation		469.0	Acarinina appressocamerata	469.0
Olig.? Late?	ACGS Beta unit		473.0	Acarinina aspensis	473.0
Oligocene Early	Mays Landing unit		478.5	Acarinina broedermanni	478.5
			484.0	Acarinina bullbrooki	484.0
			510.0	Acarinina pentacamerata	510.0
			573.0	Acarinina primitiva	573.0
			579.5	Acarinina pseudotopilensis	579.5
			594.0	Acarinina soldadoensis angulosa	594.0
			600.5	Acarinina soldadoensis soldadoensis	600.5
			610.0	Acarinina spp.	610.0
			620.0	Catapsydrax unicavus	620.0
			622.0	Dentoglobigerina altispira	622.0
			624.5	Dentoglobigerina galavisi	624.5
			627.5	Globigerina ampliapertura	627.5
			629.5	Globigerina angustiumbilicata	629.5
			630.0	Globigerina ciperoensis	630.0
			636.5	Globigerina euapertura	636.5
			640.0	Globigerina juvenilis	640.0
			645.0	Globigerina obesa	645.0
			652.0	Globigerina ouachitaensis	652.0
			655.5	Globigerina praebulloides (s.l.)	655.5
			657.5	Globigerina tripartita	657.5
			662.0	Globigerina venezeuliana of Bolli	662.0
			663.5	Globigerina woodi	663.5
			674.0	Globigerinatheka index	674.0
			677.5	Globigerinatheka mexicana s.l.	677.5
			684.5	Globigerinatheka spp.	684.5
			688.0	Globigerinita uvula	688.0
			690.0	Globigerinoides altiaperturus	690.0
			691.0	Globigerinoides sacculifer (s.l.)	691.0
			698.0	Globorotalia aculeata	698.0
			714.5	Globorotalia gemma	714.5
			721.0	Globorotalia inconspicua	721.0
			728.0	Globorotalia increbescens	728.0
			730.0	Globorotalia nana	730.0
			736.0	Globorotalia siakensis	736.0
			740.0	Globorotaloides carcoselleensis	740.0
			746.0	Guembelitria	746.0
			756.0	Hantkenina alabamensis	756.0
			760.0	Hantkenina dumblei	760.0
			762.0	Hantkenina longispina (?)	762.0
			767.5	Hantkenina primitiva	767.5
			776.0	Morozovella aragonensis (s.l.)	776.0
			784.5	Morozovella lehneri	784.5
			788.5	Morozovella lensiformis	788.5
			793.5	Morozovella spinulosa	793.5
			798.0	Morozovella spp.	798.0
			802.0	Planorotalites chapmani	802.0
			803.5	Planorotalites palmerae	803.5
			809.0	Planorotalites pseudoimitata	809.0
			818.5	Planorotalites pseudoscitula	818.5
			826.0	Planorotalites spp.	826.0
			831.5	Pseudohastigerina micra	831.5
			842.0	Pseudohastigerina naguewichiensis s.l.	842.0
			848.5	Pseudohastigerina sharkriverensis	848.5
			857.5	Pseudohastigerina spp.	857.5
			862.0	Pseudohastigerina wilcoxensis	862.0
			870.0	Streptochilus cubensis	870.0
			876.0	Streptochilus martini	876.0
			898.0	Subbotina angiporoides	898.0
			900.0	Subbotina eocaena	900.0
			911.0	Subbotina griffinae	911.0
			916.5	Subbotina higginsi	916.5
			920.5	Subbotina hornibrooki	920.5
			928.0	Subbotina inaequispira	928.0
			937.0	Subbotina linaperta	937.0
			945.0	Subbotina lozanoi	945.0
				Subbotina senni	
				Subbotina spp.	
				Truncorotaloides collactеus	
				Truncorotaloides libyaensis	
				Truncorotaloides praetopilensis	
				Truncorotaloides rohri	
				Truncorotaloides topilensis	
				Turborotalia cerroazulensis	
				Turborotalia cocoaensis	
				Turborotalia cunialensis	
				Turborotalia frontosa	
				Turborotalia pomeroli	
				Turborotalia possagnoensis	
Eocene Late	ACGS Alpha unit C	*Turborotalia cunialensis*			
	ACGS Alpha unit B	*Turborotalia cerroazulensis* / *Turborotalia cocoaensis*			
	ACGS Alpha unit A	*Turborotalia cerroazulensis* / *Turborotalia cocoaensis*			
Middle	Shark River Formation	*T. pomeroli* / *T. cerroazulensis*			
		Turborotalia possagnoensis			
		?—?—?—?			
		Turborotalia frontosa			
Early	Manasquan Formation				