



641



145-

150-

IW

			SIT	E 965	HOL	E.	A CORE	: 3	H	_	CORED 10.3 - 19.8 mbst	305A-3H	No.	COLUMN PRO				EGINE	
GRAPE (g/cm ³)	Reflec- tance (%) (550 nm)	Magnetic suscepti- bility ¹	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	s — 		4		E		R	Ē
- Min unservice method the provide the pro	V		1 2 3 4 5 7 7 8 8 9		1 2 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 7 7		■		S S S S M	5Y 7/1 To 5/4	CLAYEY FORAMINIFER-BEARING NANNOFOSSIL OOZE Major Lithology: The dominant lithology in this core is CLAYEY FORAMINIFER-BEARING NANNOFOSSIL OOZE color banded at decimeter scale (5Y 7/1–7.5R 5/4), with numerous concentrations of foraminifers in coarser horizons, which are frequently intercalated with foraminifer-poor material. There are occasional disseminated sulfide flecks and blebs associated with the latter sediments. Minor Lithologies: A single, 4-cm-thick, laminated foraminifer-bearing SAPROPEL occurs at 14–18 cm in Section 1. General Description: The sediments in this core are frequently slumped and/or disrupted by mass flow processes. Sulfides are a randomly distributed as flecks and blebs and foraminifers are frequently concentrated burrows.								
												150	CARL COLUMN	The second se	- 450	and the second second	Berner P	terra (All states

			SIT	E 965 H	HOL	.E	A CORE	E 41	Н		CORED 19.8 - 29.3 mbsf	965A-4H 1 2 3	4 5 6 CC
GRAPE (g/cm ³)	Reflec- tance (%) (550 nm)	Magnetic suscepti- bility ¹	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description		
-12			0		1 2 3 4 5 6 CC	Pliocene	3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		s s s	10YR 7/4 To 5Y 6/3	CLAYEY FORAMINIFER BEARING NANNOFOSSIL OOZE and CLAY Major Lithologies: The dominant sediment in this core is a gray (10YR 7/4) CLAYEY FORAMINIFER-BEARING NANNOFOSSIL OOZE, which occurs in a series of beds that alternate between foraminifer rich and foraminifer poor. Several horizons contain exotic fragments and blocks of the former lithology within the latter. Sections 4, 5, and 6 contain clasts of both foraminifer-rich and chalky limestone scattered within a green gray (5Y 6/3) CLAY which has small dolomite and aragonite crystals, and occasional ostracod carapaces contained within it. General Description: Sediments are bioturbated and are frequently slumped and/or chaotic with calcitic clasts randomly distributed in a fine matrix of the dominant lithology.		
												PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF TH	ACTAL DECORPT ADDRESS

130-135-

140-145-

150-

-

-

-

-

SIT	FE 965 H	IOL	.E	A CORE	5	K		CORED 29.3 - 38.8 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	GGPPP	1	Mio.		>	т		FORAMINIFER-BEARING OOLITIC PACKSTONE/GRAINSTONE
								Major Lithology: The rocks in this core are FORAMINIFER-BEARING OOLITIC GRAINSTONE/PACKSTONE, which is partially recrystallized with a sparry cement and occasional dissolution vugs.
								General Description: Poor core recovery, 3%. Thirteen pieces up to 6-cm diameter. Age is probably Miocene.

SIT	E 965 H	101	E	A CORE	6)	<		CORED 38.8 - 48.3 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	<u> </u>	cc			\geq	T		FORAMINIFER-BEARING OOLITIC GRAINSTONE and BIOCLASTIC MUDSTONE Major Lithologies: There are two lithologies in this core, a FORAMINIFERER BEARING OOLITIC GRAINSTONE and a BIOCLASTIC MUDSTONE. The former is somewhat recrystallized and has a sparry cement and minor dissolution features. The latter is a biomicrite with numerous small bivalves and oncolites up to 2 cm in diameter. General Description: Poor core recovery, 3%. Numerous fragmente largeat about 6 cm



SITE 965

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		-1-						FORAMINIFER PACKSTONE/GRAINSTONE
								Major Lithology: The rocks recovered in this core are FORAMINIFER PACKSTONE/GRAINSTONE with sparry cement and faint bedding highlighted by differential cementation and solution.
								General Description: Poor core recovery, <1%. Five pieces up to 5 cm diameter

SIT	E 965 H	IOL	ΕA	A CORE	8	X		CORED 57.9 - 67.5 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
-	PPPPP	1						PACKSTONE
								Major Lithology: The rocks in this core are PACKSTONE. This is a vuggy- bioclastic <i>calcarenite</i> with sparry cement and clasts of mollusc, foraminifers, calcareous algae, and rare coral.
								General Description: Poor core recovery, 2%. Numerous fragments up to 10 cm.

SIT	E 965 H	IOL	.E	A CORE	9)	<		CORED 67.5 - 77.1 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		1		® ⊚ ∮ ₽ ∮ ₈		Т		OOLITIC-BIOCLASTIC PACKSTONE/WACKESTONE Major Lithology: The rocks recovered in this core are OOLITIC BIOCLASTIC PACKSTONE/ WACKESTONE with mollusc, foraminifer, calcareous algae and ooids as the dominant grains. These grains are cemented by sparry calcite.
								which also fills occasional vugs. General Description: Core recovery 9%. Numerous fragments up to 10 cm.

965A-7X	1	965A-8X	1	965A-9X	1
_	1224	-	in.		
5-		5-		- 5-	-
10-	Contraction of the second	10-			
-	1	-	-	-	
15-	-	15		- 15-	F
20-	1-	20-	2	_ 20_	
_	7	-	-		100
25-	3-	25-	-	- 25	15.A
30-	"	30-		_ 30-	25
	-	-	P.A	-	an
35		85-	SP	- 35-	S MA
40	-	40-		- 40	
45		45-		45-	
			11		
50-	-	50-	+ 2	_ 50-	
55-	_	55-		_ 55-	
-		-			
60	-	60-	1	- 60-	0
65-	_	65-		- 65	
-	P 1				
70-		70-			
75	-	75-	1	- 75-	-
-					-
- 00		- 00			
85—		85		- 85-	PAST -
-08	_	-08	1	_ 90_	
		-			100.925
95—	-	85		- 95-	Statistics.
100-		100-		- 100	
-		-		-	
105-	-	105-	1	- 105-	
110-		110-		- 110-	
		-			
120-	-	150-		- 120-	
125-		125-		- 125-	
				- 1	• · · · · · ·
130-	-	130-		- 130	1
135-	-	135-	NE .	- 195	-
-		-		-	
140-	-	140-		140-	
145	-	145-		- 145	-
-		-		- 150.	1
150-		150-	1	150-	

SIT	E 965 H	IOL	.E	A CORE	10	XC		CORED 77.1 - 86.8 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1						ALGAL GRAINSTONE
								Major Lithology: The rocks recovered in this core are ALGAL GRAINSTONE, which in addition to the dominant calcareous algae have mollusc, foraminifer, and rare coral fragments cemented by sparry calcite that fills occasional vugs. General Description: Recovery in this core was 2%. Hand specimen examination reveals differential cementation controlled by grain size, with coarser horizons being less well cemented.

SIT	E 965 H	IOL	E	A CORE	11	X		CORED 86.8 - 96.4 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	GEGEG	1						ALGAL GRAINSTONE
								Major Lithology: The rocks in this core are ALGAL GRAINSTONE that contain fragments of bivalves, whole benthic foraminifers, and rare coral debris cemented by sparry calcite.
								General Description: Poor core recovery in this core–2%. Generally sand-sized material differentially cemented according to grain size, with finer horizons better cemented.

965A-10X	1	96	65A-11X	1		
-	2		-	1		
5-	3		5-	1		
10-	1	-	10-		-	
15-		-	15-	思教	-	
20-			20-	100		
	-	畫	-			
25-	Congelia		25-			
80-		-	90—		-	
35-	R	-	35-	-		
40-	F		40-	2		
-	X			33		
45			45-	A		
50-		-	50-		-	
55-		-	55-			
			- 00			
65-			65-		1	
70		-	70—		10-10	
75-		_	75-		_	
80-		_	-08			
-			-			
- 68			85-			
90-		-	90-		-	
85—		-	85-			
100-		_	-00		-	
-			-			
105-			105-			
110-			-011			
115—			115—		-	
120-		_	-031		-	
-			-			
-			-			
130-			130-		10 TTC	
135-		-	135		-	
140-			140-			
145-			-			
-			-			
150-			150-			

SITE 965 H	IOLE	A CORE	12	2X	CORED 96.4 - 106.0 mbsf			
Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description		
	1	© � ∳ _r		т		BIOCLASTIC PACKSTONE/WACKESTONE		
		2				 Major Lithology: The rocks recovered in this core are BIOCLASTIC PACKSTONE/ WAKESTONE containing algae, molluscs, foraminifers and ooids cemented by sparry calcite. General Description: Core recovery 7%. Some articulated bivalves in the material which is differentially cemented according to grain size, with some micrite rich horizons semi-consolidated, alternating with coarser, better cemented horizons. 		

SITE 965 HOLE A CORE 13X

CORED 106.0 - 115.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
Arrest		1		● & Ø _R		т		BIOCLASTIC PACKSTONE Major Lithology:
								BIOCLASTIC PACKSTONE dominated by algae with subordinate foraminifers and mollusc fragments in a micrite matrix. These components are cemented by sparry calcite that fills occasional vugs.
								General Description: Core recovery 5%. Biomicrite, laminated and cemented parallel to bedding according to grain size. Finer material is better cemented, occasional disarticulated mollusc shells with slight bioturbation at times.



SIT	E 965 H	IOL	E	A CORE	14	4X	_	CORED 115.7 - 125.4 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
and mark	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		● ^Ø ^R		т		BIOCLASTIC PACKSTONE Major Lithology: The rocks in this core are
								BIOCLASTIC PACKSTONE composed of algae, foraminifers, molluscs, and rare echinoderm fragments in a recrystallized micrite matrix. Material is patchily cemented by sparry calcite.
								General Description: Recovery 8%. Biomicrite in thin horizons differentially cemented according to grain size, with finer fractions more heavily indurated.

SIT	E 965 H	IOL	E	A CORE	15	CORED 125.4 - 135.1 mbsf		
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1		() & ∮R		т		BIOCLASTIC PACKSTONE Major Lithology: The rocks in this core are
								BIOCLASTIC PACKSTONE dominated by algae with subordinate foraminifers and mollusc fragments in a micrite matrix. Patchy, sparry cement fills the occasional vugs.
								General Description: Core recovery 8%. Biomicrite, laminated and cemented parallel to bedding according to grain size. Finer material is better cemented.

SIT	FE 965 H	IOL	E.	A CORE	16	6X		CORED 135.1 - 144.7 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
and have	PPPPP PPPPP PPPPP PPPPP	1		\$c) *		т		BIOCLASTIC PACKSTONE Major Lithology: The rocks in this core are
								BIOCLASTIC PACKSTONE dominated by foraminifers, with subordinate mollusc and calcareous algae cemented by patchy sparry calcite.
								General Description: Core recovery 9%. Bioclastic micrite differentially cemented according to grain size of bedding, with finer material more indurated. Some fine scale cross bedding and faint bioturbation traces occur.



SIT	FE 965 ⊦	IOL	E	A CORE	17		CORED 144.7 - 154.3 mbsf	
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
The Darks	PPPPP PPPPP PPPPP PPPPP PPPP PPPP	1		● Ø _R .®		т		BIOCLASTIC PACKSTONE Major Lithology: The rocks in this core are BIOCLASTIC PACKSTONE
								dominated by algae, with subordinate mollusc and foraminifer fragments cemented by sparry calcite.
								General Description: Core recovery 9%. Color change in the general lithology from yellowish to white (10YR 8/6–5y 8/1) accompanied by an overall increase in the degree of cementation of the materials. Some possible algal binding.

SIT	E 965 H	IOL	E	A CORE	18		CORED 154.3 - 163.9 mbsf		
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
		1						BIOCLASTIC WACKESTONE	
								Major Lithology: The rocks in this core are algal- dominated BIOCLASTIC WACKESTONE.	
								General Description: Core recovery 1%.	

SIT	E 965 H	IOL	E	A CORE	19	9X		CORED 163.9 - 173.6 mbsf			
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description BIOCLASTIC GRAINSTONE			
1.0.0	GGGGGG	1		0		т		BIOCLASTIC GRAINSTONE			
								Major Lithology: The rocks recovered in this core are partly recrystallized foraminifer- dominated BIOCLASTIC GRAINSTONE, with subdominant mollusc fragments and a variety of minor skeletal components cemented by sparry calcite.			
								General Description: Core recovery 5%.			



SIT	E 965 H	IOL	E	A CORE	20	XC		CORED 173.6 - 183.1 mbsf		
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description		
1.2.4	GGGGGG	1				т		BIOCLASTIC GRAINSTONE		
								Major Lithology: The rocks in this core are partially recrystallized foraminifer-dominated BIOCLASTIC GRAINSTONE, with minor amounts of mollusc, echinoderm, and algae cemented by sparry calcite.		
								General Description: Core recovery 4%. These biosparites are well cemented and show some evidence of solution porosity.		

SI	FE 965 H	IOL	E	A CORE	2	1X		CORED 183.1 - 192.6 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	សសសស សសសស	1				т		BIOCLASTIC WACKESTONE
								Major Lithology: The rocks of this core are recrystallized BIOCLASTIC WACKESTONE in which algal bound clasts are supported in a micrite matrix that has been brecciated after lithification.
								General Description: Core recovery 4%. The rocks recovered in this core are fractured with secondary calcite-filled fractures.

SIT	E 965 H	IOL	E	A CORE	2		CORED 192.6 - 202.2 mbsf	
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description BIOCLASTIC GRAINSTONE Major Lithology: These rocks are algal dominated, recordedized BIOCLASTIC
_			-					BIOCLASTIC GRAINSTONE
								Major Lithology: These rocks are algal dominated, recrystallized BIOCLASTIC GRAINSTONE in which corals, molluscs, and foraminifers occur as minor components.
								General Description: Core recovery 1%.



SIT	E 965 H	IOL	E	A CORE	23		CORED 202.2 - 211.9 mbsf		
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
		1						BIOCLASTIC WACKESTONE	
								Major Lithology: The rocks in this core are algal dominated BIOCLASTIC WACKESTONE, with minor amounts of molluscs, foraminifers, and encrusting coral cemented by sparry calcite.	
								General Description: Core recovery 5%. Rocks have been recemented by secondary fracture- filling calcite.	

SITE 965 HOLE A CORE 24X

CORED 211.9 - 221.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
and and	888888 88888 88888 88888 88888 88888 8888	1		● [⊗] Ø _R		т		BIOCLASTIC WACKESTONE Major Lithology: The rocks in this core are brecciated
								BIOCLASTIC WACKESTONE dominated by algae, with subordinate mollusc, foraminifer, and echinoderm fragments in a micritic matrix. Sparry calcite fills occasional vugs and secondary calcite anneals fractures. Some micrite has recrystallized to microspar.
								General Description: Core recovery 9%. These rocks have been fractured and recemented after their initial compaction and lithification by sparry calcite cement.



SITE 965 HOLE A CORE 25X								CORED 221.5 - 231.1 mbsf		
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description		
		1		Ø _R ⊕ &				BIOCLASTIC PACKSTONE/GRAINSTONE Major Lithology: The rocks recovered in this core are algal-dominated BIOCLASTIC PACKSTONE/GRAINSTONE, with minor mollusc and foraminifer material. The components are cemented by sparry calcite with some possibility of algal binding. General Description: Core recovery 9%. These rocks are composed of individual cemented clasts partially bound by algae contained within a softer micrite matrix.		

SITE 965 HOLE A CORE 26X							CORED 231.1 - 240.8 mbsf		
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	P P <td>1</td> <td></td> <td>ØR O ○</td> <td></td> <td>т</td> <td></td> <td>BIOCLASTIC PACKSTONE Major Lithology: The rocks in this core are BIOCLASTIC PACKSTONE dominated by algae and foraminifers with subordinate molluscs and echinoderms. The rocks are cemented by calcitic spar that also fills occasional vugs. General Description: Core recovery 15%. Numerous fragments up to 10 cm; well-cemented grain-dominated horizons alternating with muddy, softer intervals that contain algal-bound and encrusted clasts up to 10 Cm; well-cemented grain-dominated horizons alternating with muddy, softer intervals that contain algal-bound and encrusted clasts up to 10 cm; mindiameter</td>	1		ØR O ○		т		BIOCLASTIC PACKSTONE Major Lithology: The rocks in this core are BIOCLASTIC PACKSTONE dominated by algae and foraminifers with subordinate molluscs and echinoderms. The rocks are cemented by calcitic spar that also fills occasional vugs. General Description: Core recovery 15%. Numerous fragments up to 10 cm; well-cemented grain-dominated horizons alternating with muddy, softer intervals that contain algal-bound and encrusted clasts up to 10 Cm; well-cemented grain-dominated horizons alternating with muddy, softer intervals that contain algal-bound and encrusted clasts up to 10 cm; mindiameter	



SIT	FE 965 H	IOL	E	A CORE	CORED 240.8 - 250.4 mbsf			
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	99999999999999999999999999999999999999	1		Ø _{R⊕} ∞		т		BIOCLASTIC GRAINSTONE/PACKSTONE Major Lithology: The rocks in this core are brecciated
							BIOCLASTIC GRAINSTONE/PACKSTONE dominated by algae, foraminifers, and mollusc with rare coral. They are cemented by patchy calcite spar which also fills numerous cracks and fissures in the material.	
								General Description: Core recovery 10%. These rocks have been brecciated and recemented to form a massive limestone with calcite filling numerous veins and fissures.

