

Site 1063 Hole A Core 1H

Cored 0.0-5.3 mbsf

1063A-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT and BIOSILICEOUS SILTY CLAY</p> <p>General Description: This core contains brown (10YR 5/3) NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT and dark grayish brown (10YR 4/2) to reddish brown (10R 4/6) BIOSILICEOUS SILTY CLAY. In Section 1 the dominant lithology contains 10-15% detrital carbonate grains. Six greenish gray (5G 6/1) color laminae are present in Section 2. The entire core is marked by frequent color changes with sharp and gradational contacts.</p>
1							SS	BR	
2							SS	BR	
3							SS	gy BR	
4							SS	dk gy BR	
							IW	rd BR	
							PAL	dk gy BR	



Site 1063 Hole A Core 2H

Cored 5.3-14.8 mbsf

1063A-2H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
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SILTY CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and CLAY WITH NANNOFOSSILS, SILT, AND BIOGENIC SILICA

General Description:
 This core contains dark grayish brown (10YR 4/2) SILTY CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and grayish brown (10YR 4.5/2) CLAY WITH NANNOFOSSILS, SILT, and BIOGENIC SILICA. Black (N7) color mottling is pervasive in Sections 1-4. Detrital carbonate grains are present in Sections 6-CC from 10 to 15%.

- SS
- IW
- BR
- dk gy BR
- ye RD
- gn BR
- gy BR
- gy BR
- SS
- IW
- PAL

Site 1063 Hole A Core 3H

Cored 14.8-24.3 mbsf

1063A-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
14.8	1	ol GY						ol GY	<p>CLAY WITH SILT AND BIOGENIC SILICA and SILTY CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA</p> <p>General Description: This core contains light olive gray (5Y 6/1) to olive gray (5Y 4/1) CLAY WITH SILT AND BIOGENIC SILICA. Below the top of Section 5 the sediment is predominantly medium light olive gray (5Y 5/1) and grayish brown (10YR 5/1) SILTY CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA. Green and purple diagenetic laminae and iron sulfide replacement of small (1-2 cm) burrows are common throughout the core.</p> <p>Section 1, 15-20 cm: reddish brown mottles.</p>
15.0	2	mlt of GY						mlt of GY	
15.2	3	
15.4	4	ol GY						ol GY	
15.6	5	lt ol GY						lt ol GY	
15.8	6	ol GY						ol GY	
16.0	7	ol GY						ol GY	
16.2	8	lt ol GY						lt ol GY	
16.4	9	ol GY						ol GY	
16.6	10	mlt of GY						mlt of GY	
16.8	11	
17.0	12	mlt of GY						mlt of GY	
17.2	13	gy BR						gy BR	
17.4	14	dk gy BR						dk gy BR	
17.6	15	PAL						PAL	

Site 1063 Hole A Core 4H

Cored 24.3-33.8 mbsf

1063A-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0								dk GY	<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark grayish brown (2.5Y 4/1) CLAY WITH SILT and light yellowish brown (10YR 6/2) CLAY WITH NANNOFOSSILS. Some intervals show higher nannofossil content, grading to a medium-light olive gray (5Y 6/1) NANNOFOSSIL CLAY. Reddish brown (5YR 5/4) mottles and greenish gray (5G 5/1) diagenetic laminae are common throughout the core.</p>
1								..	
2							SS	med gn GY	
3								GY	
4								mlt ol GY	
5								mlt ye GY	
6							IW	mlt ye BR lt rd BR	
7								mlt pk GY	
8							SS	..	
9							SS	mlt ol GY	
10								mlt br GY	
11							IW	med br GY	
12							PAL	..	

Site 1063 Hole A Core 5H

Cored 33.8-43.3 mbsf

1063A-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA</p> <p>General Description: This core contains dark grayish brown (10YR 4/2) to reddish brown (5YR 5/4) CLAY WITH SILT and reddish brown (5YR 5/4) CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA. Frequent and sharp color variations are present throughout the core, and ten contacts between dark grayish brown to reddish brown are observed in Sections 1-3. Dark greenish gray (10Y 4/1), partially concreted diagenetic laminae are pervasive in Sections 6-CC.</p> <p>Section 3, 104 cm: a very sharp color contact is present between dark grayish brown (10YR 5/3) and reddish brown (5YR 5/4).</p>
0.2								dk gy BR	
0.4								dk gy BR	
0.6								dk gy BR	
0.8								dk gy BR	
1.0								dk gy BR	
1.2								dk gy BR	
1.4								dk gy BR	
1.6								rd BR	
1.8								rd GY	
2.0								dk rd GY	

Site 1063 Hole A Core 6H

Cored 43.3-52.8 mbsf

1063A-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY</p> <p>General Description: This core contains light olive gray (5Y 6/1) to grayish brown (10YR 5/2) CLAY WITH NANNOFOSSILS. Sections 3 and 6-CC contain intervals of light olive gray (5Y 6/1) NANNOFOSSIL CLAY. Greenish and purplish diagenetic color bands are abundant throughout the core, and bioturbation is common. A faint, ubiquitous reddish coloration is observed throughout the core.</p>
0.1								gy BR lt br GY	
0.2								lt br GY gy BR	
0.3								mlt ol GY lt ol GY	
0.4								mlt ol GY	
0.6								lt ol GY gn GY	
0.8								gy BR lt GY	
								ye GY lt ol GY	

Site 1063 Hole A Core 7H

Cored 52.8-62.3 mbsf

1063A-7H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0-8									<p>CLAY WITH NANNOFOSSILS, CLAY WITH SILT AND BIOGENIC SILICA, and CLAY WITH SILT.</p> <p>General Description: This core contains greenish gray (5GY 6/1) to yellowish gray (5Y 7/1) CLAY WITH NANNOFOSSILS, light olive gray (5Y 5/1) CLAY WITH SILT AND BIOGENIC SILICA, and medium-light greenish gray (10GY 5/1) CLAY WITH SILT. Upper 77 cm in Section 1 is very disturbed with a soupy texture. Sections 4 and 5 also indicate slight disturbance. Reddish brown (5YR 5/4) coloration and greenish gray (5G 5/1) diagenetic laminae are common throughout the core.</p>

Site 1063 Hole A Core 9H

Cored 71.8-81.3 mbsf

1063A-9H

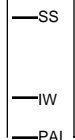
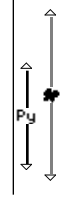
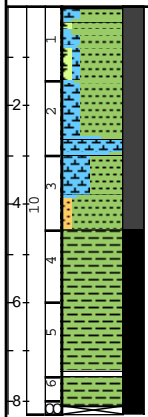
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT AND DIATOMS and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5G 6/1) CLAY WITH SILT AND DIATOMS and reddish brown (5 YR 4/4) CLAY WITH NANNOFOSSILS. In Section 3 the two dominate lithologies are interbedded with sharp basal and upper contacts. Dark gray (N3) to greenish gray (5GY 6/1) diagenetic laminae are abundant throughout Sections 2-7. Color mottles are also pervasive throughout the core, ranging from light greenish gray (5GY 8/1) to olive gray (5Y 4/1). Section 3, 54-90 cm: a pale red (10R 6/2) interval is present.</p>
1		rd BR lt gn GY							
2		gn GY br RD							
3		lt ol GY pal RD							
4		..							
5		gn GY							
6		gn GY ol GY							
7		gn GY							
8		gn GY							
9		gn GY							

Site 1063 Hole A Core 10H

Cored 81.3-90.8 mbsf

1063A-10H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>NANNOFOSSIL CLAY, CLAY WITH BIOGENIC SILICA AND NANNOFOSSILS, and SILTY CLAY</p> <p>General Description: This core contains light greenish gray (5GY 7/1) NANNOFOSSIL CLAY, medium-dark greenish gray (5GY 4/1) CLAY WITH BIOGENIC SILICA AND NANNOFOSSILS, and dark greenish gray (5GY 3/1) to reddish brown (5YR 5/4) SILTY CLAY. Sections 4-7 contain abundant pyrite nodules and black FeS (hydrotroilite) mottles.</p>
1								..	
2								mlt gn GY mdk gn GY mlt gn GY	
3								med ol GY lt rd BR	
4								lt gn GY	
5								SS dk gn GY rd BR	
6								IW	
8								PAL	



Site 1063 Hole A Core 11H

Cored 90.8-100.3 mbsf

1063A-11H

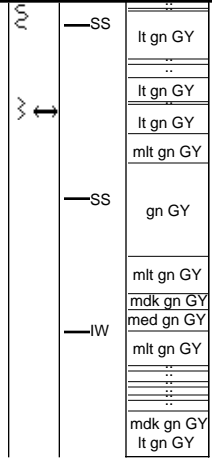
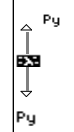
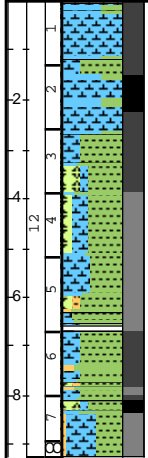
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT AND BIOGENIC SILICA</p> <p>General Description: This core contains greenish gray (5G 5/1) mottled with reddish brown (5YR 5/4) CLAY WITH SILT AND BIOGENIC SILICA. The dominant lithology is overlain by dark greenish gray (5G 3/1) CLAY WITH SILT in Section 1 and is interbedded with light greenish gray (5G 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT throughout the core. All sections are heavily mottled and contain greenish gray and black diagenetic laminae.</p>
1								gn GY rd BR	
2							SS	lt gn GY	
3							IW	gn GY rd BR	
4								gn GY rd BR	
5							SS	lt gn GY gn GY rd BR	
6								gn GY	
7							IW	gn GY dk gn GY	
8								lt gn GY dk gn GY	
9							PAL	..	

Site 1063 Hole A Core 12H

Cored 100.3-109.8 mbsf

1063A-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>NANNOFOSSIL OOZE, NANNOFOSSIL CLAY, and NANNOFOSSIL CLAY WITH BIOGENIC SILICA</p> <p>General Description: This core contains light greenish gray (5GY 7/1) NANNOFOSSIL OOZE, greenish gray (5GY 5/1) NANNOFOSSIL CLAY, and greenish gray (5GY 6/1) NANNOFOSSIL CLAY WITH BIOGENIC SILICA. In addition, the core shows increased silt content in Sections 5-7. Greenish and pinkish diagenetic bands are common in Section 3 and are rare throughout the other sections.</p>
1								lt gn GY	
2								lt gn GY	
3								lt gn GY	
4								mlt gn GY	
5								gn GY	
6								mlt gn GY	
7								mdk gn GY	
8								med gn GY	
9								mlt gn GY	
10								mdk gn GY	
11								lt gn GY	



Site 1063 Hole A Core 13H

Cored 109.8-119.3 mbsf

1063A-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	CC								
1									
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Site 1063 Hole A Core 14H

Cored 119.3-128.8 mbsf

1063A-14H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT AND NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5G 5/1) mottled with reddish brown (10YR 5/4) CLAY WITH SILT AND NANNOFOSSILS. Sections 1-5 are notably massive, homogeneous, and structureless with diagenetic color laminae and sparse pyrite concretions. The dominant lithology is underlain by greenish gray (5G 5/1) NANNOFOSSIL CLAY and light greenish gray (5G 7.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT in Sections 7 and CC.</p>
1							gn GY rd BR	Py	
2							gn GY		
3							gn GY	SS	
4							gn GY PU		
5							dk gn GY	IW	
6							gn GY		
7							dk gn GY	PAL	
8							gn GY lt gn GY		

Site 1063 Hole A Core 15H

Cored 128.8-138.3 mbsf

1063A-15H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 1 2 3 4 5 6 7 8								gn GY rd BR : mlt gn GY : mlt ol GY : gn GY : gn GY lt gn GY : mdk gn GY gn GY mlt gn GY : : med gn GY mdk gn GY : : SS PAL	<p>CLAY WITH SILT, CLAY WITH SILT AND NANNOFOSSILS, and SILTY CLAY WITH BIOGENIC SILICA</p> <p>General Description: This core contains greenish gray (5GY 6/1) to reddish brown (5YR 5/4) CLAY WITH SILT, greenish gray (5GY 6/1) CLAY WITH SILT AND NANNOFOSSILS, and dark greenish gray (5GY 4/1) SILTY CLAY WITH BIOGENIC SILICA. Reddish layers are found throughout Sections 2-5.</p>

Site 1063 Hole A Core 17H

Cored 147.8-157.3 mbsf

1063A-17H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS and CLAY WITH SILT</p> <p>General Description: This core contains medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS and greenish gray (5GY 5/1) to red (2.5YR 6/6) CLAY WITH SILT. Black hydrotroilite stainings are common in Sections 3-7. The upper 47 cm of Section 1 is severely disturbed, containing sediments of Section 1063A-16H-7.</p>
1								mlt gn GY	
2								mdk gn GY	
3								mlt gn GY	
4								SS	
5								SS	
6								med gn GY	
7								..	
8								med gn GY	
9								RD	
10								pal RD gn GY	
11								SS	
12								PAL	

Site 1063 Hole A Core 19H

Cored 166.8-176.3 mbsf

1063A-19H

METRES	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
					<p>Py</p> <p>Py</p> <p>Py</p> <p>Py</p>		<p>SS</p> <p>SS</p> <p>IW</p> <p>PAL</p>	<p>dk gn GY</p> <p>mdk gn GY</p> <p>lt gn GY</p> <p>mdk gn GY</p> <p>mlt gn GY</p> <p>lt gn GY</p> <p>lt gn GY</p> <p>mdk gn GY</p> <p>mdk gn GY</p> <p>lt gn GY</p> <p>mdk gn GY</p> <p>mlt gn GY</p>	<p>CLAY WITH SILT and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains light greenish gray (5GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and medium-dark greenish gray (5GY 4/1) CLAY WITH SILT. The nannofossil-rich intervals are concentrated in Sections 4-6. Iron sulfide replacement of burrow fills and pyrite concretions are common throughout the core. Purple, dark gray, and green diagenetic color laminae are also abundant to common.</p>

Site 1063 Hole A Core 21H

Cored 185.8-195.1 mbsf

1063A-21H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH NANNOFOSSILS, CLAY, and CLAY WITH SILT</p> <p>General Description This core contains greenish gray (10GY 6/1) CLAY WITH NANNOFOSSILS, dark greenish gray (10GY 3/1) CLAY, and medium-dark greenish gray (10GY 4.5/1) CLAY WITH SILT. The dominant lithologies are interbedded throughout the core with sharp, irregular contacts. Section 1 contains an inclined, sharp contact. In Sections 3 and 4 a light greenish gray (10GY 7/1) NANNOFOSSIL CLAY is the dominant lithology. Diagenetic color laminae are pervasive in several of the dark greenish gray CLAY intervals.</p>
1	2							lt gn GY	
2	3							gn GY	
3	4							lt gn GY	
4	5							mdk gn GY	
5	6							lt gn GY	
6	7							mdk gn GY	
7	8							mdk gn GY	
								rd BR	
								IW	mdk gn GY
								gn GY	
								mdk gn GY	
								..	
								mdk gn GY	
								SS	
								PAL	

Site 1063 Hole A Core 22H

Cored 195.1-201.4 mbsf

1063A-22H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 2 4 6	1 2 3 4 5						IW SS SS PAL	dk gn GY gn GY .. lt gn GY gn GY gn GY rd BR mdk gn GY mdk gn GY	<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY</p> <p>General Description: This core contains medium-dark greenish gray (10GY 4.5/1) CLAY WITH NANNOFOSSILS and light greenish gray (10GY 7.5/1) NANNOFOSSIL CLAY. Reddish brown (5YR 5/4) intervals are present in Sections 4 and 5.</p> <p>Section 2, 103-104 cm: three well-sorted, light olive gray SILT laminae interbedded with CLAY are present.</p>

Site 1063 Hole A Core 23X

Cored 201.4-207.6 mbsf

1063A-23X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY and CLAY WITH SILT AND NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) to medium-dark brown (10YR 4/3) CLAY and dark greenish gray (10GY 3/1) CLAY WITH SILT AND NANNOFOSSILS interbedded with light greenish gray (10GY 8/1) NANNOFOSSIL CLAY. Black and dark greenish gray diagenetic laminae are common in Sections 1 and 2. The entire core contains 2-3 cm biscuits with 1-cm spaces.</p>
1								mit gn GY	
2								gn GY	
3								mit gn GY	
4								mdk gn GY	
5								..	
6								mdk gn GY	
7								..	
8								mdk gn GY	
9								lt gn GY	
10								..	
11								dk gn GY	
12								..	
13								dk gn GY	
14								..	
15								dk gn GY	
16								..	
17								dk gn GY	
18								..	
19								dk gn GY	
20								..	
21								dk gn GY	
22								..	
23								dk gn GY	
24								..	
25								dk gn GY	
26								..	
27								dk gn GY	
28								..	
29								dk gn GY	
30								..	
31								dk gn GY	
32								..	
33								dk gn GY	
34								..	
35								dk gn GY	
36								..	
37								dk gn GY	
38								..	
39								dk gn GY	
40								..	
41								dk gn GY	
42								..	
43								dk gn GY	
44								..	
45								dk gn GY	
46								..	
47								dk gn GY	
48								..	
49								dk gn GY	
50								..	
51								dk gn GY	
52								..	
53								dk gn GY	
54								..	
55								dk gn GY	
56								..	
57								dk gn GY	
58								..	
59								dk gn GY	
60								..	
61								dk gn GY	
62								..	
63								dk gn GY	
64								..	
65								dk gn GY	
66								..	
67								dk gn GY	
68								..	
69								dk gn GY	
70								..	
71								dk gn GY	
72								..	
73								dk gn GY	
74								..	
75								dk gn GY	
76								..	
77								dk gn GY	
78								..	
79								dk gn GY	
80								..	
81								dk gn GY	
82								..	
83								dk gn GY	
84								..	
85								dk gn GY	
86								..	
87								dk gn GY	
88								..	
89								dk gn GY	
90								..	
91								dk gn GY	
92								..	
93								dk gn GY	
94								..	
95								dk gn GY	
96								..	
97								dk gn GY	
98								..	
99								dk gn GY	
100								..	

Site 1063 Hole A Core 25X

Cored 217.2-226.8 mbsf

1063A-25X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH NANNOFOSSILS and CLAY WITH NANNOFOSSILS AND SILT</p> <p>General Description: This core contains medium-light greenish gray (10GY 5.5/1) CLAY WITH NANNOFOSSILS and greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS AND SILT. In Sections 6 and 7 the nannofossil content increases to a NANNOFOSSIL CLAY. The entire core contains drilling biscuits 2-4 cm in width at 1-2 cm spacing, and some intervals are moderately fractured in Sections 2, 3, and 6.</p>
1	2							med gn GY	
2	3							mlt gn GY	
3	4								
4	5								
5	6							med gn GY	
6	7								
7	8							ye GY	
8	9							mlt gn GY	
								med gn GY	
									<p>— IW</p> <p>— PAL</p>

Site 1063 Hole A Core 26X

Cored 226.8-236.4 mbsf

1063A-26X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	CC 1							dk gn GY gn GY lt gn GY gn GY .. dk gn GY mt gn GY gn GY dk gn GY gn GY mdk gn GY mdk gn GY gn GY dk gn GY ol GY dk gn GY	<p>CLAY WITH SILT AND NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAY</p> <p>General Description: This core contains dark greenish gray (5GY 3.5/1) CLAY WITH SILT AND NANNOFOSSILS alternating with medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL CLAY from Sections 1-6. A dark greenish gray (5GY 4/1) CLAY occupies most of Sections 6-CC. Bioturbation mottling is common throughout the core, often with purple diagenetic laminae. The light greenish gray, carbonate-rich intervals often contain visible foraminifer tests.</p>

Site 1063 Hole A Core 27X

Cored 236.4-246.0 mbsf

1063A-27X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1 2 3 4 5 6 7 8						P_u	IW mdk gn GY med gn GY mlt ol GY med ol GY med gy BR mdk ol GY SS PAL		<p>CLAY WITH SILT AND NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (5GY 3.5/1) CLAY WITH SILT AND NANNOFOSSILS, greenish gray (5GY 5/1) NANNOFOSSIL CLAY, and dark grayish brown (10YR 4/2) CLAY WITH NANNOFOSSILS. Drilling biscuits are pervasive throughout the core.</p>

Site 1063 Hole A Core 29X

Cored 255.3-264.9 mbsf

1063A-29X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (5GY 4/1) to medium-light olive gray (5Y 6/1) CLAY WITH NANNOFOSSILS. There are several intervals where either silt or nannofossil content increases to >15%. Abundant reddish coloration caused by compositional changes and diagenetic alteration of burrow fills are present. Drilling biscuits are pervasive throughout the core.</p>
2								SS dk gy BR rd BR	
3								dk ol GY	
4								SS ol GY gn GY rd GY	
5								ol GY	
6								IW ol GY rd GY	
7								mdk gn GY	
8								ol GY	
9								SS mdk gn GY dk gn GY gn GY	
10								mlt ol GY PAL	

Site 1063 Hole A Core 30X

Cored 264.9-274.5 mbsf

1063A-30X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1		..						mlt gn GY	<p>CLAY, CLAY WITH SILT, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark gray (2.5Y 4/1) CLAY, dark greenish gray (10Y 4/1) CLAY WITH SILT, and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS. The amount of biogenic and siliciclastic components varies throughout the core, ranging from a light greenish gray (5GY 7/1) NANNOFOSSIL CLAY in Section 1 to a dark greenish gray (5GY 3/1) CLAY WITH SILT AND NANNOFOSSILS in Section 7. Reddish brown (5YR 5/4) coloration is present in Section 4. Pyritized worm burrows are present in Sections 1-4.</p>
2		..						mlt gn GY	
3		PU						dk gn GY	
4		PU						dk gn GY	
5		
6		dk gn GY						dk gn GY	
7		rd BR						gn GY	
8		
9		..						dk gn GY	
10		..						gn GY	
11		SS						lt ol GY	
12		SS						dk GY	
13		PAL						dk gn GY	

Site 1063 Hole A Core 32X

Cored 284.1-293.8 mbsf

1063A-32X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
									<p>CLAY and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5GY 5/1) CLAY and medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS. All contacts between the dominant lithologies are gradational because of moderate drilling disturbance. Planolites trace fossils are visible in several intervals of Section 5. In Sections 5 and 6, the CLAY WITH NANNOFOSSILS is interbedded with a light greenish gray (5GY 8/1) NANNOFOSSIL CLAY. The entire core contains 3-4 cm drilling biscuits at 1-2 cm spacing.</p>
		gn GY			SS				
		mit gn GY			IW				
		lt gn GY			SS				
		mit gn GY			SS				
					PAL				

Site 1063 Hole A Core 33X

Cored 293.8-303.5 mbsf

1063A-33X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains dark greenish gray (5G 4/1) CLAY, greenish gray (5GY 5.5/1) CLAY WITH NANNOFOSSILS, and medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL CLAY. Drilling biscuits 2-3 cm in width at 1-2 cm spacing are present throughout the core, although Sections 7-CC contain no drilling disturbance.</p>
1								SS	
2								dk gn GY	
3								med gn GY	
4								mlt gn GY	
5								mdk gn GY	
6								med gn GY	
7								SS	
8								mlt gn GY	
9								mdk gn GY	
10								mdk gn GY	
11								med gn GY	
12								lt gn GY	
13								mdk gn GY	
14								PAL	

Site 1063 Hole A Core 35X

Cored 313.1-322.6 mbsf

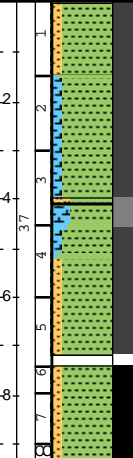
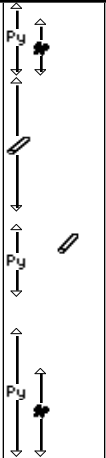
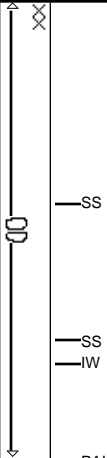


1063A-35X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) CLAY WITH SILT, light olive gray (5Y 6/1) CLAY WITH NANNOFOSSILS, and light greenish gray (5GY 7/1) NANNOFOSSIL CLAY. In Sections 1-3 the drilling biscuits are 2-4 cm in width at 1-2 cm spacing. In Sections 4-7 the drilling biscuits are slightly smaller (1-2 cm) at < 1 cm spacing.</p>
1	2							dk gn GY	
2	3							dk gn GY	
3	4							mdk gn GY	
4	5							mdk gn GY	
5	6							med gn GY	
6	7							mdk gn GY	
7								mdk gn GY	
									PAL

Site 1063 Hole A Core 37X

Cored 332.2-341.5 mbsf

1063A-37X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 2 4 6 8	1 2 3 3.7 4 5 6 7 8						SS IW PAL	mdk gn GY med gn GY mlt ol GY mlt gn GY med gn GY mdk gn GY	<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains medium-dark greenish gray (5GY 4.5/1) CLAY WITH SILT and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS. At 100-108 cm in Section 3 a massive coarse-grained SILTY CLAY with sharp upper and lower contacts is present. Drilling biscuits are commonly 2-4 cm in width at 1-2 cm spacing throughout the core.</p>

Site 1063 Hole A Core 38X

Cored 341.5-351.1 mbsf

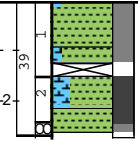

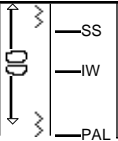
1063A-38X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT and CLAY WITH SILT AND NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (10GY 4/1) mottled with very dark greenish gray (10GY 3/1) CLAY WITH SILT and greenish gray (5G 5/1) CLAY WITH SILT AND NANNOFOSSILS. The proportions of silt, nannofossils, and clay varies throughout the core with sharp contacts between dominant lithologies. Diagenetic laminae, color mottling, and drilling biscuits are pervasive throughout the core.</p>
1						SS		dk gn GY BK	
2								gn GY	
3								lt gn GY	
4						IW		..	
5								mlt gn GY	
6								gn GY	
8						PAL		lt gn GY	

Site 1063 Hole A Core 39X

Cored 351.1-360.7 mbsf

1063A-39X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.2 1 2 3.9					 P _y		SS mdk gn GY IW med gn GY lt gn GY PAL dk gn GY		<p>CLAY and NANNOFOSSIL CLAY</p> <p>General Description: This core contains medium-dark greenish gray (5GY 4.5/1) CLAY and light greenish gray (10Y 6/1) NANNOFOSSIL CLAY. Drilling biscuits are 2-4 cm in width at 1 cm spacing. Diagenetic color laminae are pervasive in Sections 2 and 3.</p>

Site 1063 Hole A Core 41X

Cored 370.3-379.9 mbsf

1063A-41X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 2 4	1 2 3 4								<p>CLAY and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (5GY 3.5/1) CLAY and medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS. In Sections 3 and 4 the dominant lithology is interbedded with a light greenish gray (5GY 7/1) NANNOFOSSIL CLAY. All contacts between lithologies are gradational. Purple, black, and greenish gray diagenetic laminae are abundant throughout the core.</p>

Site 1063 Hole A Core 43X

Cored 389.5-399.1 mbsf

1063A-43X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 2 4 6 8	1 2 3 4 5 6							mdk gn GY dk gn GY gn GY .. gn GY .. mdk gn GY dk gn GY	<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5GY 6/1) to medium-dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. Relatively large foraminifer tests are observed in the NANNOFOSSIL CLAY of Sections 5 and 6. Pyrite concretions are commonly seen in the top 3 sections, and diagenetic color laminae are abundant throughout the core. Core disturbance and drilling biscuits are confined to Sections 1, 4, and 7.</p>

Site 1063 Hole A Core 45X

Cored 408.7-418.4 mbsf

1063A-45X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains dark greenish gray (10GY 3/1) CLAY WITH SILT, medium-dark greenish gray (10GY 4.5/1) CLAY WITH NANNOFOSSILS, and greenish gray (5GY 5/1) NANNOFOSSIL CLAY. Red and green diagenetic color laminae are common in Sections 4-CC.</p>
1								dk gn GY	
2								mdk gn GY	
3							SS	dk gn GY	
4								med gn GY	
4.5								..	
5							SS	med gn GY	
6								mdk gn GY	
7								..	
8								mdk gn GY	
9								dk gn GY	
10								med gn GY	
11								..	
12								med gn GY	
13								PAL	

Site 1063 Hole B Core 2H

Cored 7.8-17.3 mbsf

1063B-2H

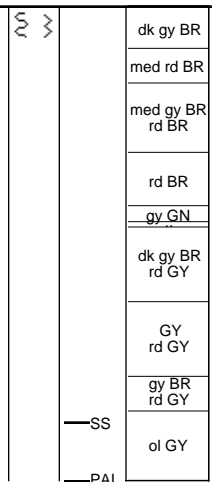
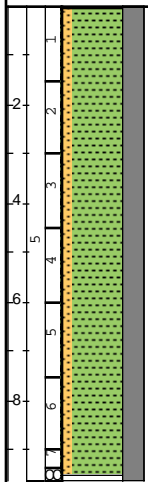
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT</p> <p>General Description: This core contains grayish brown (10YR 5/2), brown (7.5YR 6/4), and light olive brown (2.5Y 5/3) CLAY WITH SILT. Black Fe-S stains are common throughout the core, although they are less common in the lighter intervals. Greenish gray diagenetic laminae are also present.</p>
1							gn BR		
2							..		
2							lt BR		
3							gn BR		
4							gy BR		
4							mit ol BR		
5							pal BR		
5							lt ol BR		
6							pal BR		
6							lt ol BR		
							PAL		

Site 1063 Hole B Core 5H

Cored 36.3-45.8 mbsf

1063B-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1								dk gy BR	<p>CLAY WITH SILT</p> <p>General Description: This core contains dark grayish brown (10YR 4/2), reddish brown (5YR 5/4), and olive gray (5Y 5/1) CLAY WITH SILT. Abundant color variations occur throughout the core within the same lithotype. Greenish gray diagenetic laminae are present in Sections 2-CC.</p> <p>Section 2: several reddish brown intervals are present with sharp basal contacts.</p>
2							med rd BR		
3							med gy BR rd BR		
4							rd BR		
5							gy GN		
6							dk gy BR rd GY		
7							GY rd GY		
8							gy BR rd GY		
9							ol GY		
10									
									<p>Py</p> <p>Py</p> <p>SS</p> <p>PAL</p>



CLAY WITH SILT

General Description:
This core contains dark grayish brown (10YR 4/2), reddish brown (5YR 5/4), and olive gray (5Y 5/1) CLAY WITH SILT. Abundant color variations occur throughout the core within the same lithotype. Greenish gray diagenetic laminae are present in Sections 2-CC.

Section 2: several reddish brown intervals are present with sharp basal contacts.

Py

Py

SS

PAL

Site 1063 Hole B Core 6H

Cored 45.8-55.3 mbsf

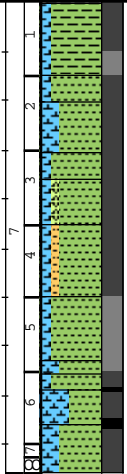
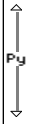

1063B-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and CLAY</p> <p>General Description: This core contains greenish gray (5G 5/1) CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and medium-dark greenish gray (5G 4/1) CLAY. The core is marked by abundant lithologic variations, ranging from a medium-dark greenish gray (5G 4/1) CLAY to a light greenish gray (5G 7/1) CLAY WITH NANNOFOSSILS. The amount of silt and biogenic silica remains <15% throughout the core.</p>
1								gn GY	
2								gn GY ol GY	
3								ol GY lt gn GY	
4								mdk gn GY gn GY	
5								gn GY mlt gn GY	
6								gn GY gn GY PU	
7								gn GY	
8								gn GY	
9								gn GY	

Site 1063 Hole B Core 7H

Cored 55.3-64.8 mbsf

1063B-7H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1 2 3 4 5 6 7 8								SS gn GY PU mdk gn GY dk gn GY PU dk gn GY mdk gn GY .. gn GY SS lt GY dk ol GY PAL gn GY	<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. The relative amount of silt, nannofossils, and biogenic silica varies throughout the core, ranging from a greenish gray (5GY 5/1) SILTY CLAY WITH NANNOFOSSILS to a light greenish gray (5GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Purple and greenish gray diagenetic laminae are pervasive throughout the core.</p>

Site 1063 Hole B Core 8H

Cored 64.8-74.3 mbsf

1063B-8H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	COLOR	REMARKS
0								
1								
2								
3								
4								
5								
6								
7								
8								
								<p>mdk gn GY gn GY .. lt gn GY .. lt ol GY ol GY .. lt br GY .. dk gn GY pal rd BR BR rd BR BR gn GY pk RD</p> <p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL OOZE WITH CLAY</p> <p>General Description: This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS in Sections 4-8. In Sections 1-3 several lithotypes are present, ranging from greenish gray (5GY 5/1) SILICEOUS CLAY WITH NANNOFOSSILS to light greenish gray (5GY 8/1) NANNOFOSSIL OOZE WITH CLAY. Extreme bioturbation is present near all contacts. Reddish brown colors of varying intensity are present throughout the core.</p>

Site 1063 Hole B Core 9H

Cored 74.3-83.8 mbsf

1063B-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
10									<p>CLAY WITH NANNOFOSSILS, CLAY WITH SILT, and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains pinkish gray (7.5 YR 6/2) to greenish gray (5G 5/1) CLAY WITH NANNOFOSSILS, greenish gray (5G 5/1) to dark greenish gray (5GY 3.5/1) CLAY WITH SILT, and light greenish gray (10Y 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Reddish brown and greenish gray diagenetic laminae are common throughout Sections 4-CC.</p>
9					000		pk GY gy GN		
8							gn GY		
7							..		
6							mdk gn GY		
5							..		
4							mdk gn GY		
3							..		
2							mdk gn GY		
1							..		
0							mt gn GY		
							..		
							mt gn GY		
							..		
							ol GY		
							mt gn GY		

PAL

Site 1063 Hole B Core 10H

Cored 83.8-93.3 mbsf

1063B-10H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	COLOR	REMARKS
1 2 3 4 5 6 7 8 9 10							Lt gn GY gn GY dk gn GY dk gn GY rd BR vdk gn GY rd BR lt ol GY lt ol GY lt rd OL gn GY gn GY	<p>CLAY and NANNOFOSSIL OOZE</p> <p>General Description: This core contains dark greenish gray (5GY 4/1) to light olive gray (5Y 6/1) CLAY. Sections 1 and 7-8 contain light greenish gray (5GY 8/1) and greenish gray (5GY 6/1) NANNOFOSSIL OOZE and CLAY WITH NANNOFOSSILS, respectively. The CLAY is often characterized by a reddish brown colors and sparse pyrite concretions. Diagenetic color laminae are also moderately common.</p>

Site 1063 Hole B Core 12H

Cored 102.8-112.3 mbsf

1063B-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1 2 3 4 5 6 7							SS PAL	lt gn GY .. gn GY .. gn GY mit gn GY gn GY mit gn GY gn GY gn GY lt gn GY gn GY .. lt gn GY .. lt gn GY .. gy BR	<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS and light greenish gray (5GY 8/1) NANNOFOSSIL CLAY and NANNOFOSSIL-CLAY MIXED SEDIMENT. The relative amounts of clay, nannofossils, and biogenic silica varies throughout the core with gradational and sharp contacts between lithotypes. Greenish gray, black, and purple diagenetic laminae are common throughout the core.</p>

Site 1063 Hole B Core 13H

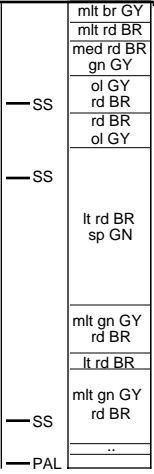
Cored 112.3-121.8 mbsf

1063B-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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100									

NANNOFOSSIL CLAY and CLAY

General Description:
 This core contains light greenish gray (10YR 6/2), greenish gray (5GY 6/1), and light reddish brown (5YR 6/3) NANNOFOSSIL CLAY and reddish brown (5YR 6/4) to olive gray (5Y 4/1) CLAY. Black FeS stains are present in Sections 2-3. Pyrite nodules are common throughout the core.



Site 1063 Hole B Core 14H

Cored 121.8-131.3 mbsf

1063B-14H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	COLOR	REMARKS
0-8								<p>CLAY WITH NANNOFOSSILS, CLAY WITH SILT AND BIOGENIC SILICA, and CLAY</p> <p>General Description: This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS in Sections 5-8. Sections 2 and 3 are predominantly light olive gray (5Y 6/1) to medium-dark greenish gray (5G 5/1) CLAY WITH SILT AND BIOGENIC SILICA, and Sections 1-4 contain CLAY. The basal contacts of the carbonate-rich intervals are defined by a sharp relict diagenetic front, and the upper transition is gradational. Discrete reddish brown intervals are present throughout the core.</p>
							gn GY lt rd BR .. mdk gn GY lt ol GY .. lt ol GY .. gn GY .. gn GY lt gn GY .. gn GY mlt gn GY .. lt ol GY .. gn GY lt rd BR	

Site 1063 Hole B Core 15H

Cored 131.3-140.8 mbsf

1063B-15H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH SILT AND NANNOFOSSILS</p> <p>This core contains greenish gray (5GY 5/1) CLAY WITH SILT AND NANNOFOSSILS. The proportions of clay, nannofossils, silt, and biogenic silica varies throughout the core, ranging from a light greenish gray (5GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT to a medium-dark greenish gray (5GY 5/1) CLAY WITH SILT AND BIOGENIC SILICA. Sharp greenish gray diagenetic laminae are common throughout the core, and several intervals contain reddish brown (10YR 5/4) coloration.</p>
2							ye BR		
							mlt ol GY		
							vlt ol GY		
							rd BR		
							gn GY		
							lt ol GY		
							gn GY		
							lt ol GY		
							br RD		
1.5									
2									
3									
4									
4.5									
5									
6							SS	mlt gn GY	
7								lt gn GY	
								gn GY	
								lt gn GY	
								..	
								..	
								gn GY	
							SS	lt gn GY	
								..	
								..	
							PAL	mlt gn GY	

Site 1063 Hole B Core 16H

Cored 140.8-149.8 mbsf

1063B-16H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT, CLAY, and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains greenish gray (5GY 6/1) to light reddish brown (5YR 6/4) CLAY WITH SILT, greenish gray (5GY 6/1) CLAY, and yellowish gray (5Y 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Greenish gray and purple diagenetic laminae are present below the carbonate-rich intervals. From 80 cm in Section 1 to 70 cm in Section 3 the color is bright reddish brown (5YR 5/4).</p>
1							gn GY		
2							gn GY lt rd BR		
3							lt rd BR mo GN	SS	
4							gn GY lt rd BR	SS	
5							gn GY		
6							ye GY		
7							gn GY ye GY	SS	
8							mdk gn GY		
9							mlt gn GY	PAL	

Site 1063 Hole B Core 17H

Cored 149.8-158.5 mbsf

1063B-17H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
							SS PAL	lt gn GY med gn GY med ol GY mdk gn GY .. mdk gn GY .. mdk gn GY .. mdk gn GY .. lt rd BR .. lt rd BR .. lt rd BR .. lt rd BR .. gn GY lt rd BR	<p>NANNOFOSSIL CLAY and CLAY</p> <p>General Description: This core contains light greenish gray (5GY 7/1) NANNOFOSSIL CLAY and greenish gray (5GY 4.5/1) to light reddish brown (2.5YR 5/6) CLAY. The color frequently varies between reddish brown and greenish gray, but the lithology is constant throughout the core. Black FeS stains are common in Sections 2-4.</p>

Site 1063 Hole B Core 18H

Cored 158.5-167.8 mbsf

1063B-18H

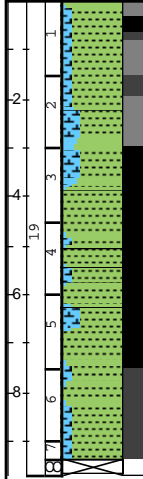
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY</p> <p>General Description: This core contains grayish brown (10YR 5/2) to olive gray (5Y 6/1) CLAY. The dominant lithology is interbedded with light greenish gray (5 GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL CLAY in Sections 2-3. A pale red interval is also present from 0-60 cm in Section 4. Throughout the core the sediment appears mottled with gray diagenetic laminae, common bioturbation, and reduction halos.</p>
1								gy BR GY	
2								lt gn GY	
3								gn GY	
4						SS		lt ol GY	
5								pal RD	
6						SS		ol GY	
7								ol GY gn GY	
8									
9						PAL			

Site 1063 Hole B Core 19H

Cored 167.8-177.3 mbsf

1063B-19H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains medium-dark greenish gray (5G 4.5/1) CLAY, greenish gray (5G 6/1) CLAY WITH NANNOFOSSILS, and light greenish gray (5G 6.5/1) NANNOFOSSIL CLAY. The core is characterized by gradational color variations, and the dominant lithologies are generally massive and structureless.</p>
1								mdk gn GY	
2								mdk gn GY	
3								mlt gn GY	
4								mlt gn GY	
5								mdk gn GY	
6								mdk gn GY	
7								mlt gn GY	
8								mdk gn GY	
9								mlt gn GY	
10								mdk gn GY	
11								mlt gn GY	
12								mdk gn GY	
13								mlt gn GY	
14								med gn GY	



SS

PAL

Site 1063 Hole B Core 20H

Cored 177.3-186.8 mbsf

1063B-20H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains dark greenish gray (5G 4/1) CLAY WITH SILT, greenish gray (5G 5/1) CLAY WITH NANNOFOSSILS, and light greenish gray (5GY 6.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Pyrite nodules and variegated diagenetic color laminae are abundant throughout the core.</p>
0.1								SS	
0.2								mdk gn GY med gn GY mdk gn GY .. mdk gn GY med gn GY ..	
0.3								SS	
0.4							 mdk gn GY	
0.5								mdk gn GY lt rd BR	
0.6								gn GY mlt gn GY mdk gn GY	
0.7								gn GY	
0.8								mdk gn GY	
0.9							 PAL	

Site 1063 Hole B Core 21H

Cored 186.8-196.3 mbsf

1063B-21H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p>NANNOFOSSIL CLAY, CLAY WITH SILT, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains light greenish gray (5GY 6/1) NANNOFOSSIL CLAY, dark greenish gray (10Y 4/1), olive gray (5Y 4/1), and brown (10YR 4/2) CLAY WITH SILT, and greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. Reddish brown intervals with sharp contacts are present in Sections 3-5. Planolites and Chondrites ichnofossils are common throughout Sections 4-7.</p>
0.1								SS	
0.2								lt gn GY	
0.3								mdk gn GY	
0.4								mlt gn GY	
0.5								lt rd BR	
0.6								ol GY	
0.7								mdk GY	
0.8								RD	
0.9								gn GY	
1.0								gn GY	
1.1								gn GY	
1.2								mdk gn GY	
1.3								..	
1.4								mdk gn GY	
1.5								SS	
1.6								mlt gn GY	
1.7								mdk gn GY	
1.8								gn GY	
1.9								mdk gn GY	
2.0								ol GY	
2.1								mlt ol GY	
2.2								PAL	

Site 1063 Hole B Core 22H

Cored 196.3-205.8 mbsf

1063B-22H

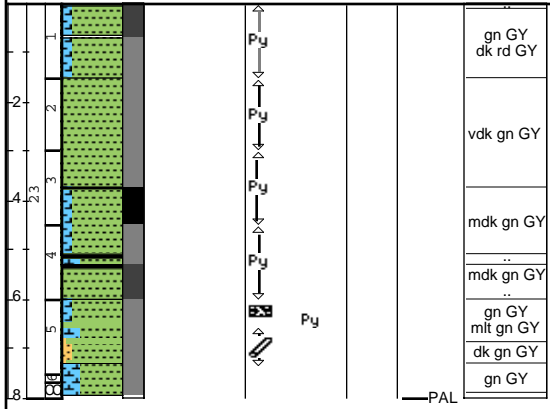
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p>CLAY WITH NANNOFOSSILS, CLAY WITH SILT, and CLAY</p> <p>General Description: This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS alternating with medium-dark greenish gray (5GY 5/1) CLAY. Sections 4 and 5 contain CLAY WITH SILT, and Sections 6 and 7 are dominated by medium-light greenish gray (5GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT with visible foraminifer tests. Pyrite concretions are sparsely distributed throughout the core.</p>
0.1							gn GY		
0.2							gn GY		
0.3							mdk gn GY		
0.4							mdk gn GY		
0.5							dk gn GY		
0.6							gn GY		
0.7							SS		
0.8							dk gn GY		
0.9							mlt gn GY		
1.0							SS		
1.1							PAL		

Site 1063 Hole B Core 23H

Cored 205.8-213.8 mbsf

1063B-23H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p>CLAY and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (5GY 3.5/1) CLAY and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS. Sections 5-6 contain NANNOFOSSIL CLAY interbedded with dark greenish gray (5GY 3/1) CLAY WITH SILT. Reddish coloration and mottling are present in Sections 1, 3, and 6. Pyrite concretions and moderate bioturbation are present throughout the core.</p>
0.1								gn GY dk rd GY	
0.2								vdk gn GY	
0.3								mdk gn GY	
0.4								..	
0.5								mdk gn GY	
0.6								..	
0.7								gn GY mit gn GY	
0.8								dk gn GY gn GY	
0.9								PAL	



Site 1063 Hole B Core 24X

Cored 213.8-217.8 mbsf

1063B-24X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS and CLAY WITH SILT</p> <p>General Description: This core contains medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS and dark greenish gray (10GY 3/1) CLAY WITH SILT. The dominant lithology in Section 1 is light greenish gray (10GY 6.5/1) NANNOFOSSIL CLAY overlying CLAY WITH NANNOFOSSILS in Section 2. Purple and greenish gray mottling is present in Sections 4 and 5. Drilling biscuits are pervasive from Sections 3-CC.</p>
1									
2									
3									
4									

Site 1063 Hole B Core 25X

CORED 217.8-227.4 mbsf

1063B-25X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT and NANNOFOSSIL CLAY</p> <p>General Description: This core contains greenish gray (10GY 5/1) CLAY WITH SILT and light greenish gray (10GY 6.5/1) NANNOFOSSIL CLAY. The boundaries between the two dominant lithologies are gradational throughout the core, and faint diagenetic laminae are present in most sections. The entire core contains drilling biscuits 2-3 cm in width at 1-2 cm spacing, and most biscuits are mildly brecciated.</p>
0.1		gn GY							
0.2		mt gn GY							
0.3		lt gn GY							
0.4		gn GY							
0.5		SS							
0.6		gn GY							
0.7		gn GY							
0.8		SS							
0.9		mt gn GY							
1.0		PAL							

Site 1063 Hole B Core 26X

Cored 227.4-237.0 mbsf

1063B-26X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0-8	1-7						gn GY mlt gn GY mlt gn GY gn GY gn GY mlt gn GY gn GY mlt gn GY gn GY lt gn GY mlt gn GY gn GY	<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (10GY 5.5/1) CLAY WITH SILT and light greenish gray (10GY 7/1) CLAY WITH NANNOFOSSILS. From Sections 3-CC the drilling biscuits are commonly 2-4 cm in width at 1-2 cm spacing. Sections 1 and 2 contain no drilling disturbance.</p>	

Site 1063 Hole B Core 28X

Cored 246.6-255.8 mbsf

1063B-28X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									
2									
3									
4									
5									
6									
7									
8									

gn GY
 ::
 gn GY
 ::
 mlt gn GY
 lt gn GY
 ::
 gn GY
 ol GY
 mlt ol GY
 lt gn GY
 gn GY
 lt ol GY
 BR
 lt br GY
 ::

CLAY WITH SILT and CLAY WITH NANNOFOSSILS

General Description:
 This core contains greenish gray (5GY 5/1) CLAY WITH SILT and medium-light greenish gray (5GY 6.5/1) to olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS. The dominant lithologies are interbedded with light greenish gray (5GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT in Sections 2-4. Contacts between lithotypes are generally gradational due to drilling disturbance. Drilling biscuits are 3-4 cm in width at 1-2 cm spacing.

Section 6, 38-39 cm: Light olive gray (5Y 7/1) SILT laminae interbedded with dark greenish gray (5G 3.5/1) CLAY are present.

Site 1063 Hole B Core 29X

Cored 255.8-265.5 mbsf

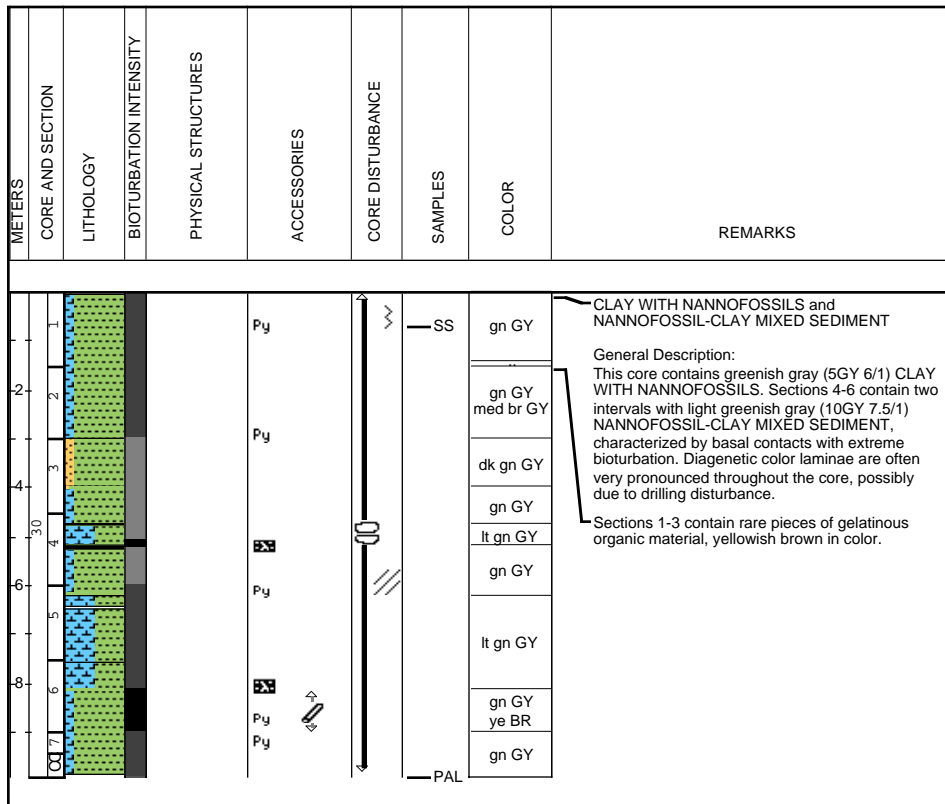
1063B-29X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	29								<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY</p> <p>General Description: This core contains yellowish red (5YR 5/6), olive gray (5Y 6/1), and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS and light greenish gray (5GY 8/1) NANNOFOSSIL CLAY. Biscuits are commonly 2-4 cm in width at 1-2 cm spacing.</p>
1								BR	
2						SS		lt ol GY lt gn GY	
3								gn GY	
4						SS		gn GY pal BR	
5								mlt gn GY ye BR	
6								gn GY ye BR	
7								ye BR lt gn GY gn GY	
						PAL			

Site 1063 Hole B Core 30X

Cored 265.5-275.1 mbsf

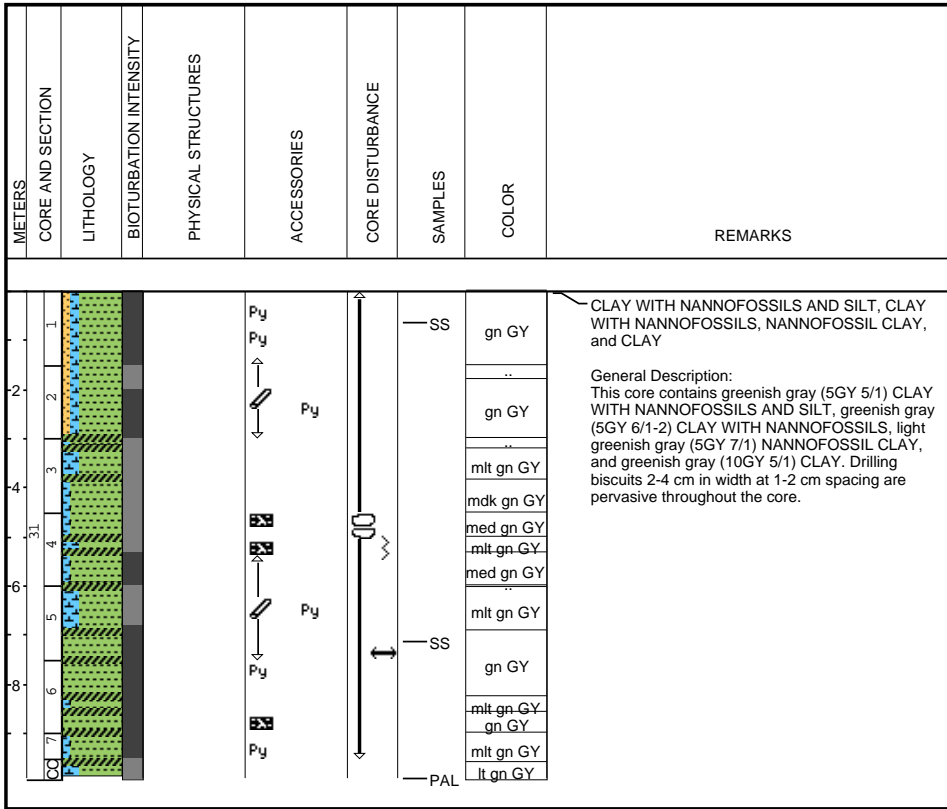
1063B-30X



Site 1063 Hole B Core 31X

Cored 275.1-284.7 mbsf

1063B-31X



Site 1063 Hole B Core 32X

Cored 284.7-294.4 mbsf

1063B-32X

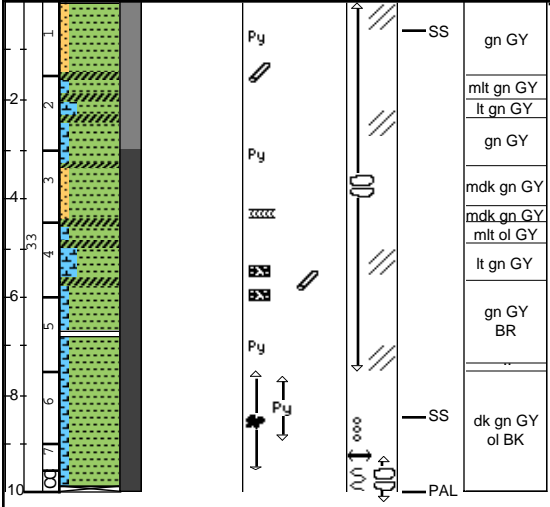
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 2 4 6 8									<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY</p> <p>General Description: This core contains greenish gray (10GY 5/1) CLAY WITH NANNOFOSSILS and light greenish gray (5GY 7/1) NANNOFOSSIL CLAY. The dominant lithology is interbedded with very light greenish gray (5GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT in Section 5. Color mottling and laminae are pervasive from moderate drilling disturbance and common bioturbation. Drilling biscuits 2-3 cm in width at 1-2 cm spacing are present throughout the core.</p>

Site 1063 Hole B Core 33X

Cored 294.4-304.0 mbsf

1063B-33X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains greenish gray (5GY 6/1) CLAY WITH SILT, medium-light greenish gray (10GY 6/1) to dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, and light greenish gray (10Y 7/1) NANNOFOSSIL CLAY. Black FeS stains are present in Sections 5-7, and drilling biscuits 2-4 cm in width at 1-3 cm spacing occur throughout the core.</p>
1								gn GY	
2								mlt gn GY lt gn GY	
3								gn GY	
4								mdk gn GY	
5								mdk gn GY mlt of GY	
6								lt gn GY	
7								gn GY BR	
8								dk gn GY ol BK	
10									



Site 1063 Hole B Core 34X

Cored 304.0-313.6 mbsf

1063B-34X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0-8								lt bl GY mdk gn GY gn GY mlt gn GY mdk gn GY gn GY mlt gn GY :: gn GY dk gn GY mdk gn GY lt gn GY	<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS. Two intervals of medium-light greenish gray (5GY 6.5/1) to light greenish gray (10GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT are present in Sections 4 and 7. The entire core contains drilling biscuits 2-3 cm in width at 1 cm spacing.</p>

Site 1063 Hole B Core 36X

Cored 323.1-332.7 mbsf

1063B-36X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									
2									<p>CLAY WITH SILT AND NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (5GY 3.5/1) CLAY WITH SILT AND NANNOFOSSILS, greenish gray (5GY 5.5/1) NANNOFOSSIL CLAY, and greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. Dark purple and dark greenish gray diagenetic laminae and pyrite concretions occur throughout the core.</p>
3							dk gn GY		
4							med gn GY		
5							mdk gn GY		
6							mlt gn GY		
7							mlt gn GY med gn GY		
8							mdk gn GY dk gn GY		

Site 1063 Hole B Core 37X

Cored 332.7-342.0 mbsf

1063B-37X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
									<p>CLAY WITH SILT AND NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (10GY 4/1) CLAY WITH SILT AND NANNOFOSSILS. Greenish gray and purple diagenetic laminae are present.</p>

Site 1063 Hole B Core 38X

Cored 342.0-351.6 mbsf

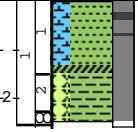
1063B-38X

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>NANNOFOSSIL CLAY and CLAY</p> <p>General Description: This core contains very dark greenish gray (5GY 2/1) to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY. Greenish gray (5GY 6/1) NANNOFOSSIL-CLAY MIXED SEDIMENT is the dominant lithotype in Section 5, and Sections 7-8 consist of very dark greenish gray (5GY 2/1) CLAY. Black, greenish gray, and purple diagenetic laminae are present throughout the core.</p> <p>Sections 5-6, 35-50 cm: vertical fractures in biscuits contain solid and waxy brown material, believed to be a thermally-degraded kerogen.</p>
2									
3									
4									
5									
6									
7									
8									
9									
10									

Site 1063 Hole C Core 1H

Cored 0.0-2.5 mbsf

1063C-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1 2							SS PAL	ye BR or BR mo BR BR dk gy BR	<p>NANNOFOSSIL CLAY, and BIOSILICEOUS SILTY CLAY</p> <p>General Description: This core contains yellowish brown (7.5YR 5/4) to brown (10YR 5/3) NANNOFOSSIL CLAY, and brown (7/5YR 5/2) to dark grayish brown (10YR 4/1.5) BIOSILICEOUS SILTY CLAY. Open burrows are observed in the upper 20 cm of Section 1.</p>

Site 1063 Hole C Core 2H

Cored 2.5-12.0 mbsf

1063C-2H

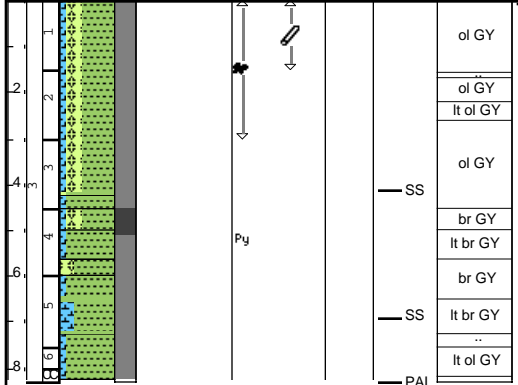
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH SILT</p> <p>General Description: This core contains moderate yellowish brown (10YR 5/4) to dark grayish brown (2.5Y 4/2) CLAY WITH SILT. Black hydrotroilite stains are observed from 60 cm in Section 1 to 108 cm in Section 6. A reddish (red lutite) coloration is observed throughout the core.</p>
1	2							med ye BR	
2	3							lt rd BR	
3	4							ol GY	
4	5							ol GY	
5	6							ol GY lt rd BR	
6	7							ol GY	
7	8							dk gy BR lt rd BR	
8									

Site 1063 Hole C Core 3H

Cored 12.0-21.5 mbsf

1063C-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>BIOSILICEOUS CLAY WITH NANNOFOSSILS, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains olive gray (10Y 5/1) BIOSILICEOUS CLAY WITH NANNOFOSSILS and light olive gray (10Y 6.5/1) CLAY WITH NANNOFOSSILS. All sections contain faint to sharp greenish gray (5GY 5/1) diagenetic laminae and purple to greenish gray color mottling. Rare to moderate FeS mottling is present in Sections 1 and 2. Sections 3 and 4 are distinguished by variable proportions of clay, biogenic silica, and nannofossils.</p>
0.2								ol GY	
0.4								ol GY	
0.6								lt ol GY	
0.8								ol GY	
1.0								SS	
1.2								br GY	
1.4								lt br GY	
1.6								br GY	
1.8								SS	
2.0								lt br GY	
2.2								..	
2.4								lt ol GY	
2.6								PAL	



ol GY

ol GY

lt ol GY

ol GY

SS

br GY

lt br GY

br GY

SS

lt br GY

..

lt ol GY

PAL

Site 1063 Hole C Core 4H

Cored 21.5-31.0 mbsf

1063C-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT, CLAY WITH SILT AND BIOGENIC SILICA, CLAY WITH NANNOFOSSILS, NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains dark gray (2.5Y 4/1) CLAY WITH SILT, dark gray (10YR 4/1) CLAY WITH SILT AND BIOGENIC SILICA, olive gray (5Y 4/1) CLAY WITH NANNOFOSSILS, and light yellowish brown (10YR 7/2) NANNOFOSSIL-CLAY MIXED SEDIMENT. Sections 2 and 3 contain reddish beds (red lutite). Black staining (hydrotroilite) occurs in Section 2. Varying nannofossil content controls lithological changes from Section 4 to 8.</p>
1								dk GY BR	
2								SS	
3								dk GY lt rd BR	
4								ol GY	
5								lt ye BR ye BR	
6								ye BR	
7								SS PAL	

Site 1063 Hole C Core 5H

Cored 31.0-40.5 mbsf

1063C-5H

MEETERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.2									<p>CLAY WITH SILT, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains yellowish brown (10YR 5/4) CLAY WITH SILT and yellowish brown (10YR 5/4) CLAY WITH NANNOFOSSILS. The core is marked by abundant color variations from yellowish brown (10YR 5/4) to reddish brown (5YR 5/4). Faint black FeS mottling is also present throughout the core with disseminated pyrite.</p> <p>Section 1, 0-75 cm: reddish brown to reddish yellow bands at 0-4 cm and 68-75 cm.</p> <p>Section 2: reddish brown intervals at 64-68 cm and 95-101 cm.</p> <p>Section 5: sharp red-brown transitions at 38 cm and 132 cm. Upper color contact is gradational.</p> <p>Section 6: sharp red-brown transitions at 25 cm and 55 cm.</p>
0.4							SS	pk GY	
0.6								BR	
0.8								BR rd BR	
1.0							SS	ye BR lt rd BR	
1.2								ye BR RD	
1.4							PAL		

1063C-6H NO RECOVERY

Site 1063 Hole C Core 7H

Cored 50.0-59.5 mbsf

1063C-7H

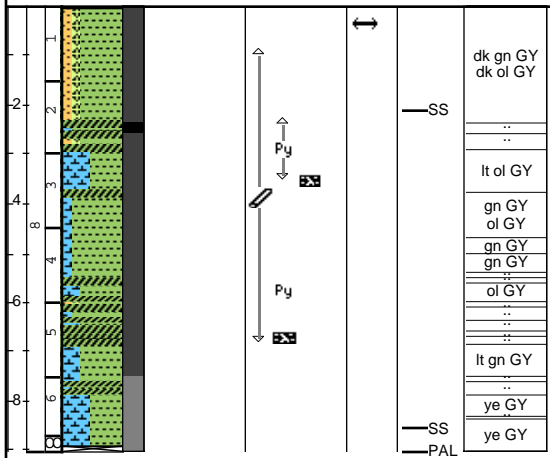
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1	gn GY							<p>CLAY WITH NANNOFOSSILS and CLAY</p> <p>General Description: This core contains greenish gray (10GY 6/1) CLAY WITH NANNOFOSSILS and dark greenish gray (10GY 4/1) CLAY. The relative proportion of clay and nannofossils often changes in Sections 1-3, ranging from a medium-dark greenish gray (10GY 5/1) CLAY to a medium-light greenish gray (5GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Contacts between lithologies are sharp throughout the core. Color mottling is pervasive throughout Sections 4-8 with several reddish brown intervals.</p> <p>Section 2, 79-150 cm: biogenic silica is present but typically less than 15%.</p> <p>Section 4, 96-97 cm: worm burrow filled with at least 50% biogenic silica in CLAY.</p>
1	2	mlt gn GY							
2	3	mlt gn GY							
3	4	lt gn GY							
4	5	mdk gn GY				SS			
5	6	gn GY							
6	7	ol GY							
7	8	gn GY							
8	9	lt gn GY							
9	10	mlt gn GY rd BR							
10	11	..							
11	12	lt gn GY rd BR							
12	13	lt gn GY							

Site 1063 Hole C Core 8H

Cored 59.5-69.0 mbsf

1063C-8H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT AND BIOGENIC SILICA, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY-MIXED SEDIMENT</p> <p>General Description: This core contains dark greenish gray (5GY 5/1) to dark olive gray (5Y 5/1) CLAY WITH SILT AND BIOGENIC SILICA, greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS, and yellowish gray (5Y 7.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Pyrite nodules and greenish diagenetic bands are common throughout the core, except within the NANNOFOSSIL-CLAY MIXED SEDIMENT intervals. A reddish tinge characterizes the sediment in Sections 4 and 6.</p> <p>Section 3, 50-55 cm: dark olive layer with sharp basal contact.</p>
1								dk gn GY dk ol GY	
2								..	
3								It ol GY	
4								gn GY ol GY	
5								gn GY gn GY	
6								.. ol GY	
7								
8								It gn GY ..	
9								ye GY ye GY	



CLAY WITH SILT AND BIOGENIC SILICA, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY-MIXED SEDIMENT

General Description:
 This core contains dark greenish gray (5GY 5/1) to dark olive gray (5Y 5/1) CLAY WITH SILT AND BIOGENIC SILICA, greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS, and yellowish gray (5Y 7.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Pyrite nodules and greenish diagenetic bands are common throughout the core, except within the NANNOFOSSIL-CLAY MIXED SEDIMENT intervals. A reddish tinge characterizes the sediment in Sections 4 and 6.

Section 3, 50-55 cm: dark olive layer with sharp basal contact.

Site 1063 Hole C Core 9H

Cored 69.0-78.5 mbsf

1063C-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains pale red (2.5YR 5/4) to red (2.5YR 5/6) CLAY WITH SILT from Section 1 to the middle of Section 3, and also in the upper half of Section 4. The remaining sediment consists of greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS with a quite prominent red coloration still present until the bottom of Section 4. Greenish gray burrow mottling with a black core is pervasive throughout the core and is particularly prominent in the red lutite layers, where the reduced zone around the burrow strongly contrasts with the color of the background sediment. The reddish intervals are characterized by abundant changes in shades of red, which are almost invariably defined by sharp contacts. Pyrite concretions are sparsely present throughout the core.</p>
1	2							pal RD gn GY	
2	3							pal RD ..	
3	4							RD pal RD RD	
4	5							gn GY pal RD ..	
5	6							gn GY .. gn GY	
6	7							gn GY ol GY	
7	8							SS	
8	9							gn GY	
9	10							PAL	

Site 1063 Hole C Core 12H

Cored 97.5-107.0 mbsf

1063C-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1	1	mdk gn GY							<p>NANNOFOSSIL-CLAY MIXED SEDIMENT, NANNOFOSSIL CLAY, and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core mainly contains lithologies ranging from light bluish gray (5B 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT (Sections 3 and 4) to greenish gray (5GY 6/1 or 5G 6/1) CLAY WITH NANNOFOSSILS (Section 5). The intermediate lithology, NANNOFOSSIL CLAY, is present in Sections 6 to 8 and interbedded with various other lithologies (including CLAY WITH BIOGENIC SILICA) in Sections 1 and 2. Both iron sulfide replacement of small burrow fills and diagenetic color bands are common in the least carbonate-rich intervals.</p> <p>Section 2, 102-120 cm: small distal turbidite deposit consisting of a medium dark greenish gray (5GY 5/1) CLAY interval interbedded with sub-millimeter scale SILT laminae. Sharp basal and gradational upper contacts. (N.B.: Most probably correlates with similar event in Section 1063B-11H-6).</p>
1	1	lt gn GY							
1	1	mdk gn GY							
1	1	lt gn GY							
2	2	lt gn GY							
2	2	gn GY							
2	2	lt bl GY							
3	3	mt gn GY							
3	3	ye GY							
3	3	gn GY							
4	4	SS							
4	4	SS							
4	4	gn GY							
5	5	vt ol GY							
5	5	gn GY							
5	5	vt ol GY							
5	5	..							
5	5	..							
5	5	PAL							

Site 1063 Hole C Core 13H

Cored 107.0-116.5 mbsf

1063C-13H

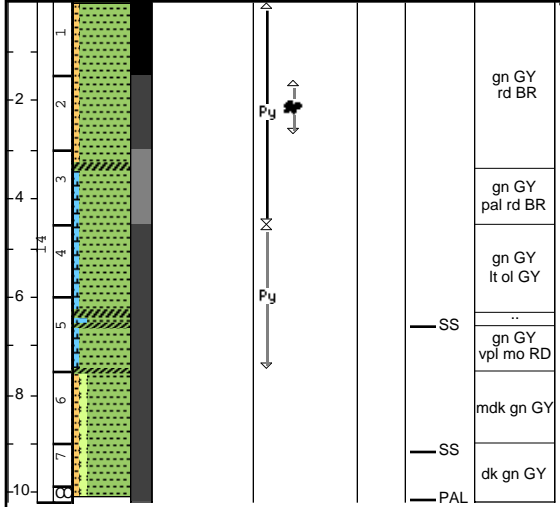
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0	1	dk gn GY							<p>NANNOFOSSIL CLAY and CLAY WITH SILT</p> <p>General Description: This core contains medium light olive gray (5Y 5/1) NANNOFOSSIL CLAY in the first 4 sections. This lithology slightly varies in Sections 2 and 4, where less nannofossils are present in the former and additional silt in the latter. Sections 5 to 8 are dominated by reddish brown (7.5YR 5/2) CLAY WITH SILT. Greenish and purplish diagenetic bands are mainly present throughout the core in the least nannofossil-rich intervals. Foraminifers tests are visible in parts of the NANNOFOSSIL CLAY intervals.</p>
0.2	2	mlt ol GY							
0.4	3	dk gn GY gn GY							
0.6	4	lt ol GY							
0.8	5	mlt ol GY							
1.0	6	pal ye BR							
1.2	7	BR rd BR							
1.4	8	rd BR							
1.6	9	PAL							
1.8	10								

Site 1063 Hole C Core 14H

Cored 116.5-126.0 mbsf

1063C-14H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and CLAY WITH SILT AND BIOGENIC SILICA</p> <p>General Description: This core contains medium-dark greenish gray (5GY 5/1) CLAY WITH SILT, greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS, and dark greenish gray (5G 4/1) CLAY WITH SILT AND NANNOFOSSILS. Pyrite nodules are common in the upper 3 sections of the core. Greenish diagenetic bands occur throughout the core.</p>
1								gn GY rd BR	
2								gn GY pal rd BR	
3								gn GY lt ol GY	
4								..	
5							SS	gn GY vpl mo RD	
6								mdk gn GY	
7							SS	dk gn GY	
8									
10							PAL		



CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and CLAY WITH SILT AND BIOGENIC SILICA

General Description:
This core contains medium-dark greenish gray (5GY 5/1) CLAY WITH SILT, greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS, and dark greenish gray (5G 4/1) CLAY WITH SILT AND NANNOFOSSILS. Pyrite nodules are common in the upper 3 sections of the core. Greenish diagenetic bands occur throughout the core.

Site 1063 Hole C Core 15H

Cored 126.0-135.5 mbsf

1063C-15H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains medium-dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. The relative proportions of clay, silt, and nannofossils varies throughout the core, ranging from a dark greenish gray (10Y 4/1) SILTY CLAY to a light greenish gray (10GY 7/1) CLAY WITH NANNOFOSSILS in Sections 4 and 5. The contacts between lithotypes are commonly gradational, and diagenetic laminae and color mottling are abundant throughout the core. Reddish brown (5YR 5/4) coloration is present in Sections 1-4.</p>
2								gn GY	
								dk gn GY	
								gn GY	
								..	
								dk gn GY	
								ol GY	
								gy BR	
								BR	
								GY	
								..	
								..	
								mlt gn GY	
								lt gn GY	
								..	
								..	
								lt gn GY	
								..	
								..	
								gn GY	
								gn GY	
								..	
								..	
								PAL	

Site 1063 Hole C Core 16H

Cored 135.5-142.4 mbsf

1063C-16H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH SILT AND BIOGENIC SILICA and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains dark greenish gray (10GY 4/1) CLAY WITH SILT AND BIOGENIC SILICA and light greenish gray (10GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. The CLAY WITH SILT AND BIOGENIC SILICA is interbedded with medium-light greenish gray (10GY 6/1) CLAY WITH NANNOFOSSILS in Sections 1 and 2, and the dominant lithologies are underlain by a greenish gray (10GY 5/1) CLAY WITH SILT in Sections 5-8. Gradational contacts between lithotypes are common throughout the core. Red and brownish red coloration is present in Section 5, 59-67 cm.</p>
0.2	2							gn GY	
0.4	3							dk gn GY	
0.6	4							gn GY	
0.8	5							..	
1.0	6							gn GY	
1.2	7							dk gn GY	
1.4	8							lt gn GY	
1.6	9							dk gn GY	
1.8	10							..	
2.0	11							mlt gn GY	
2.2	12							..	
2.4	13							mlt gn GY	
2.6	14							..	
2.8	15							gn GY	
3.0	16							rd BR	
3.2	17							..	
3.4	18							gn GY	
3.6	19							..	
3.8	20							gn GY	
4.0	21							..	
4.2	22							gn GY	
4.4	23							..	
4.6	24							gn GY	
4.8	25							..	
5.0	26							gn GY	
5.2	27							..	
5.4	28							gn GY	
5.6	29							..	
5.8	30							gn GY	
6.0	31							..	
6.2	32							gn GY	
6.4	33							..	
6.6	34							gn GY	
6.8	35							..	
7.0	36							gn GY	
7.2	37							..	
7.4	38							gn GY	
7.6	39							..	
7.8	40							gn GY	
8.0	41							..	
8.2	42							gn GY	
8.4	43							..	
8.6	44							gn GY	
8.8	45							..	
9.0	46							gn GY	
9.2	47							..	
9.4	48							gn GY	
9.6	49							..	
9.8	50							gn GY	
10.0	51							..	
10.2	52							gn GY	
10.4	53							..	
10.6	54							gn GY	
10.8	55							..	
11.0	56							gn GY	
11.2	57							..	
11.4	58							gn GY	
11.6	59							..	
11.8	60							gn GY	
12.0	61							..	
12.2	62							gn GY	
12.4	63							..	
12.6	64							gn GY	
12.8	65							..	
13.0	66							gn GY	
13.2	67							..	
13.4	68							gn GY	
13.6	69							..	
13.8	70							gn GY	
14.0	71							..	
14.2	72							gn GY	
14.4	73							..	
14.6	74							gn GY	
14.8	75							..	
15.0	76							gn GY	
15.2	77							..	
15.4	78							gn GY	
15.6	79							..	
15.8	80							gn GY	
16.0	81							..	
16.2	82							gn GY	
16.4	83							..	
16.6	84							gn GY	
16.8	85							..	
17.0	86							gn GY	
17.2	87							..	
17.4	88							gn GY	
17.6	89							..	
17.8	90							gn GY	
18.0	91							..	
18.2	92							gn GY	
18.4	93							..	
18.6	94							gn GY	
18.8	95							..	
19.0	96							gn GY	
19.2	97							..	
19.4	98							gn GY	
19.6	99							..	
19.8	100							gn GY	
20.0	101							..	
20.2	102							gn GY	
20.4	103							..	
20.6	104							gn GY	
20.8	105							..	
21.0	106							gn GY	
21.2	107							..	
21.4	108							gn GY	
21.6	109							..	
21.8	110							gn GY	
22.0	111							..	
22.2	112							gn GY	
22.4	113							..	
22.6	114							gn GY	
22.8	115							..	
23.0	116							gn GY	
23.2	117							..	
23.4	118							gn GY	
23.6	119							..	
23.8	120							gn GY	
24.0	121							..	
24.2	122							gn GY	
24.4	123							..	
24.6	124							gn GY	
24.8	125							..	
25.0	126							gn GY	
25.2	127							..	
25.4	128							gn GY	
25.6	129							..	
25.8	130							gn GY	
26.0	131							..	
26.2	132							gn GY	
26.4	133							..	
26.6	134							gn GY	
26.8	135							..	
27.0	136							gn GY	
27.2	137							..	
27.4	138							gn GY	
27.6	139							..	
27.8	140							gn GY	
28.0	141							..	
28.2	142							gn GY	
28.4	143							..	
28.6	144							gn GY	
28.8	145							..	
29.0	146							gn GY	
29.2	147							..	
29.4	148							gn GY	
29.6	149							..	
29.8	150							gn GY	
30.0	151							..	
30.2	152							gn GY	
30.4	153							..	
30.6	154							gn GY	
30.8	155							..	
31.0	156							gn GY	
31.2	157							..	
31.4	158							gn GY	
31.6	159							..	
31.8	160							gn GY	
32.0	161							..	
32.2	162							gn GY	
32.4	163							..	
32.6	164							gn GY	
32.8	165							..	
33.0	166							gn GY	
33.2	167							..	
33.4	168							gn GY	
33.6	169							..	
33.8	170							gn GY	
34.0	171							..	
34.2	172							gn GY	
34.4	173							..	
34.6	174							gn GY	
34.8	175							..	
35.0	176							gn GY	
35.2	177							..	
35.4	178							gn GY	
35.6	179							..	
35.8	180							gn GY	
36.0	181							..	
36.2	182							gn GY	
36.4	183							..	
36.6	184							gn GY	
36.8	185							..	
37.0	186							gn GY	
37.2	187								

Site 1063 Hole C Core 17H

Cored 142.4-151.9 mbsf

1063C-17H

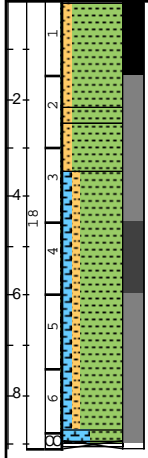
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH SILT, NANNOFOSSIL-CLAY MIXED SEDIMENT, CLAY, and CLAY WITH SILT AND NANNOFOSSILS</p> <p>General Description: This core contains dark greensih gray (5GY 4.5/1) CLAY WITH SILT, medium-light greenish gray (5G 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT, dark greenish gray (5G 4/1) CLAY, and medium-dark greenish gray (5GY 5/1) CLAY WITH SILT AND NANNOFOSSIL. A reddish tinge characterizes Sections 1, 2, and 5-CC. The NANNOFOSSIL-CLAY MIXED SEDIMENT in Sections 5 and 6 contains a fairly high number of foraminifers.</p>
1	2							BR of GY	
2	3							dk gn GY	
3	4							dk gn GY	
4	5							lt gn GY	
5	6							dk gn GY	
6	7							lt gn GY	
7	8							dk gn GY	
8	9							dk gn GY	
9	10							gn GY	
10	11							mlt gn GY	
11	12							mdk gn GY	
12	13							mdk gn GY	
13	14							ol GY	
14	15							PAL	

Site 1063 Hole C Core 18H

Cored 151.9-160.9 mbsf

1063C-18H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1							ol GY	<p>CLAY WITH SILT AND NANNOFOSSILS and CLAY WITH SILT</p> <p>General Description: This core contains olive gray to reddish brown (5Y 4/1 to 7.5YR 4/2) CLAY WITH SILT in Sections 1 to the top of 3. The rest of the core is dominated by dark greenish gray to reddish brown (5Y 4/1 to 10YR 4/2) CLAY WITH SILT AND NANNOFOSSILS. Black iron sulfide staining and greenish-purplish diagenetic bands are common throughout most of the core and are particularly prominent near the top. Pyritized burrow fills are sparsely present in the core.</p>
1	2						rd BR		
2	3						rd BR		
3	4						BR		
4	5						ol GY		
5	6						dk gn GY		
6	7						dk GY		
7	8						rd GN		
8	9						dk gy BR		
9	10						rd BR		
10	11						..		
11	12						..		
12	13						..		



SS
PAL

Site 1063 Hole C Core 19H

Cored 160.9-170.4 mbsf

1063C-19H

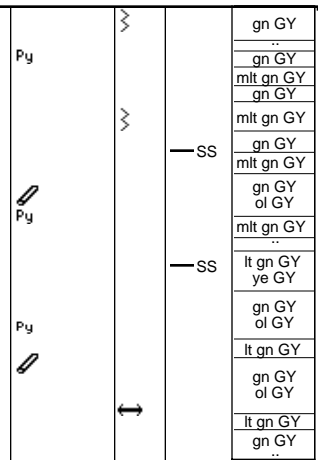
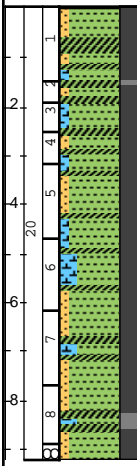
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY</p> <p>General Description: This core contains medium-dark greenish gray (5GY 5/1) mottled with reddish brown (5YR 5/4) CLAY WITH NANNOFOSSILS, and light greenish gray (10GY 7/1) NANNOFOSSIL CLAY. In Sections 5 and 6 the dominant lithology is interbedded with dark greenish gray (10GY 4/1) CLAY WITH SILT AND BIOGENIC SILICA, and the contacts between these lithotypes are typically gradational. The siliceous intervals are characterized by pervasive dark greenish gray and purple diagenetic laminae.</p>
1							gn GY rd BR		
2							mdk gn GY rd BR		
3							mlt gn GY pk GY		
4							mlt gn GY		
5							gn GY		
6							..		
7							gn GY		
8							..		
9							gn GY lt gn GY dk gn GY		
10							lt gn GY		

Site 1063 Hole C Core 20H

Cored 170.4-179.4 mbsf

1063C-20H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1								gn GY	<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains medium-dark greenish gray (10GY 5/1) to medium-light olive gray (5Y 5/1) CLAY WITH SILT, greenish gray (10GY 6/1) CLAY WITH NANNOFOSSILS, and medium-light greenish gray (5GY 7/1) NANNOFOSSIL CLAY. The core is characterized by minor color changes caused by the varying abundance of nannofossils. Greenish diagenetic bands are common in the CLAY WITH SILT beds.</p>
1								..	
1								gn GY	
1								mlt gn GY	
1								gn GY	
1								mlt gn GY	
1								gn GY	
1								mlt gn GY	
1								gn GY	
1								ol GY	
1								mlt gn GY	
1								..	
1								lt gn GY	
1								ye GY	
1								gn GY	
1								ol GY	
1								lt gn GY	
1								gn GY	
1								ol GY	
1								lt gn GY	
1								gn GY	
1								..	
2									
3									
4									
5									
6									
7									
8									
8									



gn GY

..

gn GY

mlt gn GY

gn GY

mlt gn GY

gn GY

mlt gn GY

gn GY

ol GY

mlt gn GY

..

lt gn GY

ye GY

gn GY

ol GY

lt gn GY

gn GY

ol GY

lt gn GY

gn GY

..

Site 1063 Hole C Core 21H

Cored 179.4-187.9 mbsf

1063C-21H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS, NANNOFOSSIL-CLAY MIXED SEDIMENT, and CLAY WITH SILT</p> <p>General Description: This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS, medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT, and medium-dark greenish gray (5GY 5/1) to medium-light olive gray (5Y 5/1) CLAY WITH SILT. Greenish diagenetic bands and pyrite nodules are common in the CLAY WITH SILT beds.</p>
1							mit gn GY mit ol GY mit ol BR		
2							SS	mit gn GY	
3							SS		
4							SS	gn GY ol GY	
5									
6								mit gn GY	
7								gn GY	
8							PAL		

Site 1063 Hole C Core 22H

Cored 187.9-195.2 mbsf

1063C-22H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1							..	<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains alternating greenish gray (5GY 6/1) CLAY WITH SILT and brighter greenish gray (10Y 6/1) CLAY WITH NANNOFOSSILS beds. A reddish tinge is commonly observed in Sections 1 and 2. The upper contact of the CLAY WITH NANNOFOSSILS intervals is invariably gradational and the lower contact sharp and defined by a greenish diagenetic band. These relict diagenetic fronts are also common within the CLAY WITH SILT intervals.</p>
1	2							gn GY	
2	3							pal RD gn GY	
3	4							gn GY	
4	5							mdk gn GY	
5	6							..	
6	7							mdk gn GY	
7	8							..	
8	9							gn GY	
9	10							..	
10	11							gn GY	
11	12							lt gn GY	
12	13							gn GY	
13	14							lt gn GY	
14	15							gn GY	
15	16							lt gn GY	
16	17							mlt gn GY	
17	18							..	
18	19							..	
19	20							..	
20	21							..	
21	22							..	
22	23							..	
23	24							..	
24	25							..	
25	26							..	
26	27							..	
27	28							..	
28	29							..	
29	30							..	
30	31							..	
31	32							..	
32	33							..	
33	34							..	
34	35							..	
35	36							..	
36	37							..	
37	38							..	
38	39							..	
39	40							..	
40	41							..	
41	42							..	
42	43							..	
43	44							..	
44	45							..	
45	46							..	
46	47							..	
47	48							..	
48	49							..	
49	50							..	
50	51							..	
51	52							..	
52	53							..	
53	54							..	
54	55							..	
55	56							..	
56	57							..	
57	58							..	
58	59							..	
59	60							..	
60	61							..	
61	62							..	
62	63							..	
63	64							..	
64	65							..	
65	66							..	
66	67							..	
67	68							..	
68	69							..	
69	70							..	
70	71							..	
71	72							..	
72	73							..	
73	74							..	
74	75							..	
75	76							..	
76	77							..	
77	78							..	
78	79							..	
79	80							..	
80	81							..	
81	82							..	
82	83							..	
83	84							..	
84	85							..	
85	86							..	
86	87							..	
87	88							..	
88	89							..	
89	90							..	
90	91							..	
91	92							..	
92	93							..	
93	94							..	
94	95							..	
95	96							..	
96	97							..	
97	98							..	
98	99							..	
99	100							..	

Site 1063 Hole C Core 23H

Cored 195.2-204.2 mbsf

1063C-23H

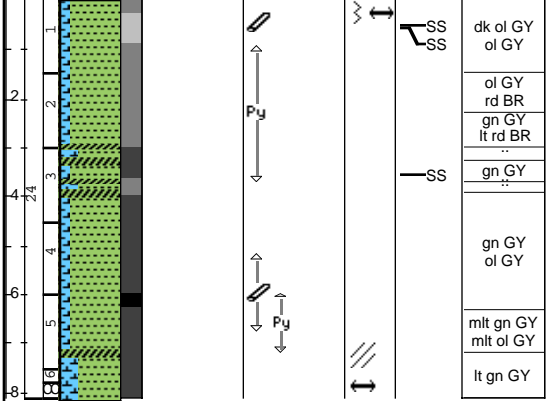
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0-1	CC	CLAY WITH SILT and NANNOFOSSIL CLAY							<p>CLAY WITH SILT and NANNOFOSSIL CLAY</p> <p>General Description: This core contains greenish gray (10GY 5/1) and red (5YR 5/6) CLAY WITH SILT and light greenish gray (10GY 7/1) NANNOFOSSIL CLAY. The CLAY WITH SILT is commonly interbedded with a greenish gray (10GY 4.5/1) CLAY WITH NANNOFOSSILS in Sections 3-5. Flow-in core disturbance is extreme in Sections 6 and CC.</p>
1-2	1	lt gn GY							
2-3	2	gn GY							
3-4	2.3	gn GY RD							
4-5	3	gn GY							
5-6	4	gn GY							
6-7	5	lt gn GY							
7-8	6	gn GY							
8-9		lt gn GY							
9-10		gn GY							
10-11		lt gn GY							
11-12		gn GY							
12-13		lt gn GY							
13-14		gn GY							
14-15		lt gn GY							
15-16		gn GY							
16-17		lt gn GY							
17-18		gn GY							
18-19		lt gn GY							
19-20		gn GY							
20-21		lt gn GY							
21-22		gn GY							
22-23		lt gn GY							
23-24		gn GY							
24-25		lt gn GY							
25-26		gn GY							
26-27		lt gn GY							
27-28		gn GY							
28-29		lt gn GY							
29-30		gn GY							
30-31		lt gn GY							
31-32		gn GY							
32-33		lt gn GY							
33-34		gn GY							
34-35		lt gn GY							
35-36		gn GY							
36-37		lt gn GY							
37-38		gn GY							
38-39		lt gn GY							
39-40		gn GY							
40-41		lt gn GY							
41-42		gn GY							
42-43		lt gn GY							
43-44		gn GY							
44-45		lt gn GY							
45-46		gn GY							
46-47		lt gn GY							
47-48		gn GY							
48-49		lt gn GY							
49-50		gn GY							
50-51		lt gn GY							
51-52		gn GY							
52-53		lt gn GY							
53-54		gn GY							
54-55		lt gn GY							
55-56		gn GY							
56-57		lt gn GY							
57-58		gn GY							
58-59		lt gn GY							
59-60		gn GY							
60-61		lt gn GY							
61-62		gn GY							
62-63		lt gn GY							
63-64		gn GY							
64-65		lt gn GY							
65-66		gn GY							
66-67		lt gn GY							
67-68		gn GY							
68-69		lt gn GY							
69-70		gn GY							
70-71		lt gn GY							
71-72		gn GY							
72-73		lt gn GY							
73-74		gn GY							
74-75		lt gn GY							
75-76		gn GY							
76-77		lt gn GY							
77-78		gn GY							
78-79		lt gn GY							
79-80		gn GY							
80-81		lt gn GY							
81-82		gn GY							
82-83		lt gn GY							
83-84		gn GY							
84-85		lt gn GY							
85-86		gn GY							
86-87		lt gn GY							
87-88		gn GY							
88-89		lt gn GY							
89-90		gn GY							
90-91		lt gn GY							
91-92		gn GY							
92-93		lt gn GY							
93-94		gn GY							
94-95		lt gn GY							
95-96		gn GY							
96-97		lt gn GY							
97-98		gn GY							
98-99		lt gn GY							
99-100		gn GY							
100-101		lt gn GY							
101-102		gn GY							
102-103		lt gn GY							
103-104		gn GY							
104-105		lt gn GY							
105-106		gn GY							
106-107		lt gn GY							
107-108		gn GY							
108-109		lt gn GY							
109-110		gn GY							
110-111		lt gn GY							
111-112		gn GY							
112-113		lt gn GY							
113-114		gn GY							
114-115		lt gn GY							
115-116		gn GY							
116-117		lt gn GY							
117-118		gn GY							
118-119		lt gn GY							
119-120		gn GY							
120-121		lt gn GY							
121-122		gn GY							
122-123		lt gn GY							
123-124		gn GY							
124-125		lt gn GY							
125-126		gn GY							
126-127		lt gn GY							
127-128		gn GY							
128-129		lt gn GY							
129-130		gn GY							
130-131		lt gn GY							
131-132		gn GY							
132-133		lt gn GY							
133-134		gn GY							
134-135		lt gn GY							
135-136		gn GY							
136-137		lt gn GY							
137-138		gn GY							
138-139		lt gn GY							
139-140		gn GY							
140-141		lt gn GY							
141-142		gn GY							
142-143		lt gn GY							
143-144		gn GY							
144-145		lt gn GY							
145-146		gn GY							
146-147		lt gn GY							
147-148		gn GY							
148-149		lt gn GY							
149-150		gn GY							
150-151		lt gn GY							
151-152		gn GY							
152-153		lt gn GY							
153-154		gn GY							
154-155		lt gn GY							
155-156		gn GY							
156-157		lt gn GY							
157-158		gn GY							
158-159		lt gn GY							
159-160		gn GY							
160-161		lt gn GY							
161-162		gn GY							
162-163		lt gn GY							
163-164		gn GY							
164-165		lt gn GY							
165-166		gn GY							
166-167		lt gn GY							
167-168		gn GY							
168-169		lt gn GY							
169-170		gn GY							
170-171		lt gn GY							
171-172		gn GY							
172-173		lt gn GY							
173-174		gn GY							
174-175		lt gn GY							
175-176		gn GY							
176-177		lt gn GY							
177-178		gn GY							
178-179		lt gn GY							
179-180		gn GY							
180-181		lt gn GY							
181-182		gn GY							
182-183		lt gn GY							
183-184		gn GY							
184-185		lt gn GY							
185-186		gn GY							
186-187		lt gn GY							
187-188		gn GY							

Site 1063 Hole C Core 24H

Cored 204.2-212.7 mbsf

1063C-24H


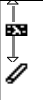

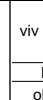

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY</p> <p>General Description: This core contains dark olive gray (5Y 3.5/2), reddish brown (5YR 5/4), and medium-dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, and medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL CLAY. It must be noted that the dark-colored sediment in Sections 1 and 2 is a NANNOFOSSIL CLAY. Greenish diagenetic bands are common in Sections 3 to 6.</p>
1	2						SS SS	dk ol GY ol GY	
2	3							rd BR gn GY lt rd BR	
3	4						SS	gn GY gn GY	
4	5							gn GY ol GY	
5	6							mlt gn GY mlt ol GY lt gn GY	



Site 1063 Hole D Core 1H

Cored 0.0-2.3 mbsf

1063D-1H

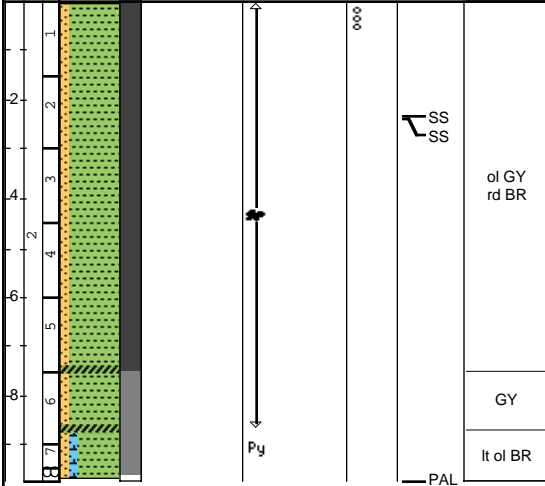
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0-2.3	1 2						SS viv rd YE BR ol BR SS PAL		<p>NANNOFOSSIL CLAY and CLAY WITH SILT</p> <p>General Description: This core contains vivid reddish yellow (2.5YR 6/6) NANNOFOSSIL CLAY in Section 1 and olive brown (10YR 4/4) CLAY WITH SILT in Sections 1-3. Bioturbation is extreme in the carbonate-rich intervals, and all sections contain partially concreted greenish gray diagenetic laminae.</p>

Site 1063 Hole D Core 2H

Cored 2.3-11.8 mbsf

1063D-2H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0-1	1	CLAY WITH SILT							<p>CLAY WITH SILT and CLAY WITH SILT AND NANNOFOSSILS</p> <p>General Description: This core contains olive gray (5Y 4/2) to reddish brown (5YR 6/4) CLAY WITH SILT and light olive brown (10YR 5/2) CLAY WITH SILT AND NANNOFOSSILS. Black FeS mottles are common from 70 cm in Section 1 to 120 cm in Section 6. Reddish brown intervals are abundant in Sections 1-5.</p>
1-2	2	CLAY WITH SILT							
2-3	3	CLAY WITH SILT							
3-4	4	CLAY WITH SILT							
4-5	5	CLAY WITH SILT							
5-6	6	CLAY WITH SILT							
6-7	7	CLAY WITH SILT							
7-8									
8-9									
9-10									
10-11									
11-12									



SS
SS

ol GY
rd BR

GY

lt ol BR

PAL

CLAY WITH SILT and CLAY WITH SILT AND NANNOFOSSILS

General Description:
This core contains olive gray (5Y 4/2) to reddish brown (5YR 6/4) CLAY WITH SILT and light olive brown (10YR 5/2) CLAY WITH SILT AND NANNOFOSSILS. Black FeS mottles are common from 70 cm in Section 1 to 120 cm in Section 6. Reddish brown intervals are abundant in Sections 1-5.

Site 1063 Hole D Core 3H

Cored 11.8-21.3 mbsf

1063D-3H

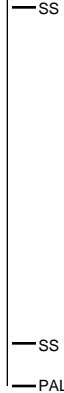
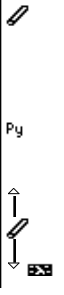
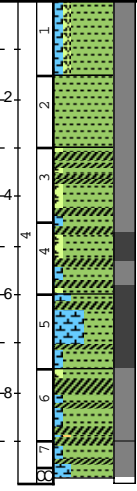
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH BIOGENIC SILICA, SILT, AND NANNOFOSSILS, and NANNOFOSSIL CLAY WITH BIOGENIC SILICA</p> <p>General Description: This core contains very dark grayish brown (10YR 3/2) CLAY WITH BIOGENIC SILICA, SILT, AND NANNOFOSSILS in Sections 1 and 2. This lithology is also present in Sections 3-5 with light greenish gray to light olive gray (5GY 6/1 to 5Y 6/1) coloration. Sections 6-8 contain light olive gray (5Y 6/1) NANNOFOSSIL CLAY WITH BIOGENIC SILICA. Greenish gray and purple diagenetic laminae and bioturbation mottling are present throughout the core.</p>
1								vdk gy BR	
2								dk GY	
3								med gn GY mlt ol GY	
4								mdk gn GY	
5								ol GY	
6								..	
7								ol GY lt ol GY ol GY lt ol GY	
8								SS PAL	

Site 1063 Hole D Core 4H

Cored 21.3-30.8 mbsf

1063D-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY WITH BIOGENIC SILICA and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains dark grayish brown (10YR 4/2) CLAY WITH BIOGENIC SILICA and medium-light olive gray (5Y 6/1) to reddish brown (5YR 4/3) CLAY WITH NANNOFOSSILS. The proportions of accessory components changes throughout the core, commonly associated with frequent color variations. Most transitions between lithologies are gradational. Greenish gray and purple diagenetic laminae and bioturbation mottles are common throughout the core.</p>
2	2						SS	mlt ol GY	
3	3							ol GY	
4	4							dk GY dk gy BR	
4	4							gy BR ol GY	
5	5							mlt ol GY ::	
5	5							gy BR	
6	6							dk GY dk br GY ::	
6	6							gy BR rd BR	
7	7						SS	mlt br GY lt br GY	
							PAL		



mlt ol GY
ol GY
dk GY dk gy BR
gy BR ol GY
mlt ol GY ::
gy BR
dk GY dk br GY ::
gy BR rd BR
mlt br GY lt br GY

Site 1063 Hole D Core 5H

Cored 30.8-40.3 mbsf

1063D-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								vpl ye BR	<p>CLAY WITH SILT and NANNOFOSSIL CLAY</p> <p>General Description: This core contains dark yellowish brown (10YR 4/2) to reddish brown (5YR 4/3) CLAY WITH SILT. Pale yellowish brown (10YR 7/2) NANNOFOSSIL CLAY is the dominant lithology in Sections 1 and 2. Abundant color variations are observed throughout the core. Gray, greenish gray, and purple diagenetic laminae are pervasive throughout the core.</p>
2								pal ye BR	
3								of GY	
4								gy BR	
5								pal ye BR	
6								vlt br GY	
7								dk ye BR	
8								lt rd BR	
9								dk gy BR	
10								dk gy BR	
								lt rd BR	
								dk gy BR	
								dk gy BR	
								lt rd BR	
								dk gy BR	
								vpl rd BR	
								dk gy BR	
								dk gy BR	
								BR	
								rd BR	

Site 1063 Hole D Core 6H

Cored 40.3-49.8 mbsf

1063D-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY WITH SILT</p> <p>General Description: This core contains greenish gray (10YR 4/2) to dark greenish gray (10YR 5/2) CLAY WITH SILT, olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS, and light olive gray (5GY 6/1) NANNOFOSSIL CLAY WITH SILT. Purple and greenish gray diagenetic laminae are common throughout the core.</p>
1							mdk gy BR		
2							mit ol GY pal BR		
3							gn GY		
4							..		
5							ol GY		
6							mit ol GY		
7							ol GY		
8							gn GY lt ol GY		
9							ol GY		

Site 1063 Hole D Core 7H

Cored 49.8-59.3 mbsf

1063D-7H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH SILT AND BIOGENIC SILICA, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains greenish gray (5GY 5/1) to olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS, medium-dark olive gray (5Y 4/1) CLAY WITH SILT AND BIOGENIC SILICA, and light greenish gray (5GY 6.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Reddish intervals are present in Sections 5-7.</p>
2								SS ol GY mlt of GY lt gn GY ..	
3								SS lt gn GY	
4								ol GY dk gn GY mdk gn GY dk gn GY ..	
5								gn GY mlt gn GY ..	
6								ol GY gn GY ol GY ..	
7								ol GY gn GY	
8								PAL	

Site 1063 Hole D Core 9H

Cored 68.8-78.3 mbsf

1063D-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1							gn GY	<p>SILICEOUS SILTY CLAY, NANNOFOSSIL CLAY WITH SILT, and CLAY</p> <p>General Description: This core contains greenish gray (5GY 5/1) SILICEOUS SILTY CLAY, greenish gray (5GY 5/1) and light brown (5YR 5/6) NANNOFOSSIL CLAY WITH SILT, and dark grayish brown (10YR 4/2) CLAY. The dominant lithologies are overlain by a greenish gray (5G 5/1) CLAY WITH SILT in Section 1 and interbedded with a greenish gray (5GY 5/1) NANNOFOSSIL CLAY in Section 3. Color mottling is pervasive throughout the core.</p> <p>Section 3: two reddish brown (5YR 5/4) intervals from 74-87 cm and 103-113 cm are present.</p>
2	2							dk gy BR	
3	3							BR	
4	3						SS	gn GY	
9	4							gn GY lt BR	
6	5						SS	gn GY	
8	6							gn GY	
7	7							PAL	

Site 1063 Hole D Core 11H

Cored 87.8-97.3 mbsf

1063D-11H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.2									<p>CLAY WITH SILT and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains pale red (2.5YR 5/4) and medium-dark greenish gray (5GY 5/1) CLAY WITH SILT, and light greenish gray (10GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. The contacts between the dominant lithologies are typically gradational. Sections 1-3 contain pervasive FeS mottling and lamination, often containing FeS concretions. Pyritized worm burrows, greenish gray diagenetic laminae, and color mottling are present throughout the core.</p>
0.4							It RD mdk gn GY		
0.6							ol GY ..		
0.8							gn GY ..		
1.0							gn GY ..		
1.2							..		
1.4							mit gn GY		
1.6									
1.8									
2.0									

Site 1063 Hole D Core 12H

Cored 97.3-106.8 mbsf

1063D-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH SILT, NANNOFOSSIL CLAY, and NANNOFOSSIL-CLAY MIXED SEDIMENT</p> <p>General Description: This core contains medium-dark greenish gray (5GY 5/1), medium-light olive gray (5Y 5/1) CLAY WITH SILT, and medium-light greenish gray (5Y 6.5/1) NANNOFOSSIL CLAY, and light greenish gray and yellowish gray (5GY 7.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Pyrite concretions are commonly present throughout the core.</p> <p>Section 3, 103 cm: approximately 10 silt laminae (< 2 mm thick), which possibly correlate with similar event in Hole D, Core 12, Section 2. Origin uncertain.</p>
2							SS	dk gn GY ol GY	
								..	
								dk gn GY	
								med gn GY	
								mlt gn GY	
								SS	
3							SS	lt gn GY ye GY	
4								..	
								..	
								lt gn GY ye GY	
5								..	
								..	
								lt gn GY ye GY	
6								..	
								..	
								med gn GY	
7							SS	..	
								..	
								lt gn GY	
							PAL	..	

Site 1063 Hole D Core 13H

Cored 106.8-116.3 mbsf

1063D-13H

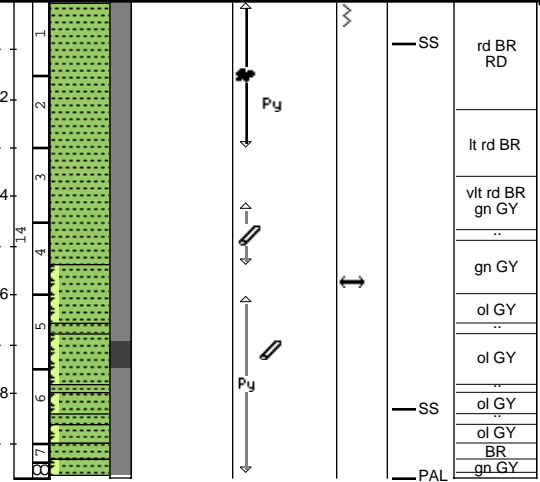
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1							gn GY ol GY	<p>NANNOFOSSIL CLAY, CLAY WITH NANNOFOSSILS, and CLAY WITH SILT</p> <p>General Description: This core contains moderate to medium light greenish gray (5GY 6/1 to 5GY 7/1) NANNOFOSSIL CLAY and CLAY WITH NANNOFOSSILS from Section 1 to the middle of 5. The rest of Section 5 to Section 7 contain reddish brown (5YR 4/3) CLAY WITH SILT. From the color point of view, the core can almost be divided in half: Sections 1 to 3 greenish gray and 4 to 7 various shades of red. A distinctively red interval is present in Section 5 (100-115 cm) with sharp upper and lower contacts. Diagenetic color bands are common throughout the core.</p>
1	2							gn GY	
2	3							mlt gn GY	
3	4							gn GY ol GY	
4	5							lt gn GY	
5	6							pal BR	
6	7							rd BR	
7	8							rd BR	
8	9							rd BR	
9	10							rd BR	
							SS		
							PAL		

Site 1063 Hole D Core 14H

Cored 116.3-125.8 mbsf

1063D-14H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p>CLAY and CLAY WITH BIOGENIC SILICA</p> <p>General Description: This core contains reddish brown (5YR 5/4) CLAY and medium-light olive gray (5Y 5/1) CLAY WITH BIOGENIC SILICA. The dominant lithologies are interbedded with sharp contacts in Sections 4-CC. Black FeS mottling and reduction spots are pervasive throughout Sections 1 and 2, and slight bioturbation mottling is present in Sections 3-5. Frequent color variations occur throughout the core, although the dominant lithologies are generally massive and structureless.</p>
1	2							rd BR RD	
2	3							lt rd BR	
3	4							vlt rd BR gn GY	
4	5							gn GY	
5	6							ol GY	
6	7							ol GY	
7	8							ol GY	
8	9							ol GY	
9	10							BR gn GY	



Site 1063 Hole D Core 15H

Cored 125.8-135.3 mbsf

1063D-15H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1								gn GY ol GY	<p>CLAY WITH BIOGENIC SILICA, CLAY WITH NANNOFOSSILS, and CLAY</p> <p>General Description: This core contains greenish gray (5GY 6/1) to olive gray (5Y 6/1) CLAY WITH BIOGENIC SILICA, medium-light greenish gray (5GY 6.5/1) to yellowish gray (5Y 7/1) NANNOFOSSIL CLAY, and medium-dark greenish gray (5GY 5/1) to reddish brown (5YR 5/4) CLAY.</p> <p>Section 3, 50 cm: large burrow (4 cm long) filled with foraminiferal sand</p>
2							It ol GY		
3							gn GY		
4							It gn GY ye GY		
5							gn GY rd BR		
6							ol GY		
7							It ol GY		
8							mlt ol GY ol GY		
							SS PAL		

Site 1063 Hole D Core 17H

Cored 144.8-154.3 mbsf

1063D-17H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1.0									<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains medium-dark greenish gray (10GY 4/1) with reddish brown (5YR 5/4) CLAY WITH SILT and light greenish gray (10GY 7/1) CLAY WITH NANNOFOSSILS. The dominant lithologies are commonly interbedded throughout the core with sharp basal and gradational upper contacts. Greenish gray and purple diagenetic laminae are commonly present at the base of the brief, light greenish gray NANNOFOSSIL CLAY intervals. A reddish brown (5YR 5/4) coloration is abundant throughout several sections.</p>
1.2								gn GY	
1.4								mdk gn GY	
1.6								gn GY	
1.8								lt gn GY	
2.0								mdk gn GY	
2.2								lt gn GY	
2.4								mlt ol GY	
2.6								mdk gn GY	
2.8								mlt gn GY	
3.0								lt gn GY	
3.2								gn GY rd BR	
3.4								mdk gn GY rd BR	
3.6								rd BR	
3.8								PAL	

