

SITE 1055 HOLE A CORE 1H

Cored 0.0-9.5 mbsf

1055A-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p><b>SILTY CLAY</b></p> <p>General Description: This core contains dark greenish gray (5GY 4/1) SILTY CLAY. The color is quite variagated and mottled, and a pale red (5R 6/2) interval is present in Section 5. Open burrows are abundant throughout core, often containing foraminifer sands and pteropods in silty clay. Small (1-3 cm) pteropod-rich layers often have irregular contacts due to severe bioturbation.</p>
1.0								lt gy GN	
2.0								dk gn GY	
3.0								dk ye GN gn GY ..	
4.0								lt ol GY	
5.0								dk gn GY ..	
6.0							SS	dk gn GY paLRD	
7.0							SS	dk gn GY	
8.0							SS	.. dk gn GY lt ol GY	
9.5							PAL	lt GY	

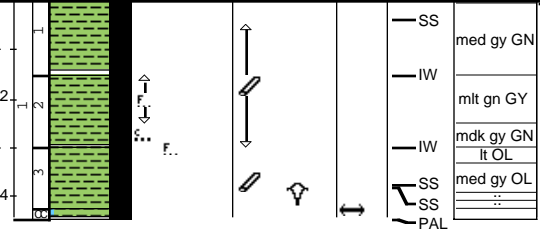


**SITE 1055 HOLE B CORE 1H**

**Cored 0.0-4.5 mbsf**

1055B-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0	1								<p><b>SILTY CLAY and CLAY</b></p> <p>General Description:                      This core contains light grayish green (5GY 5/2) SILTY CLAY and CLAY. Abundant burrows and bioturbation throughout the core. Top of the core is a soupy, moderate brown (2.5Y 5/3) layer. Hollow burrows are present until Section 3, where the fillings contain FORAMINIFER SAND. Several sections gradually coarsen to a FORAMINIFER SILTY CLAY. Section 3 is marked by two distinctive pale red (10R 6/2) layers and two pteropod-rich layers.</p>
1.0	2								
2.0	3								
3.0	4								
4.0	5								
									<p>SS med gy GN</p> <p>IW mlt gn GY</p> <p>IW mdk gy GN lt OL</p> <p>SS med gy OL</p> <p>SS</p> <p>PAL</p>



**SILTY CLAY and CLAY**

General Description:  
 This core contains light grayish green (5GY 5/2) SILTY CLAY and CLAY. Abundant burrows and bioturbation throughout the core. Top of the core is a soupy, moderate brown (2.5Y 5/3) layer. Hollow burrows are present until Section 3, where the fillings contain FORAMINIFER SAND. Several sections gradually coarsen to a FORAMINIFER SILTY CLAY. Section 3 is marked by two distinctive pale red (10R 6/2) layers and two pteropod-rich layers.

SITE 1055 HOLE B CORE 2H

Cored 4.5-14.0 mbsf

1055B-2H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dk gn GY	<p><b>SILTY CLAY</b></p> <p>General Description:                      This core contains olive gray (10GY 5/2) to dark greenish gray (10Y 4/2) SILTY CLAY. Thin (2-3 cm) color laminae are abundant throughout the core. The dominant lithology is commonly interbedded with foram sands and pteropod layers with fining upward beds. Moderate to strong bioturbation produces irregular color and lithologic contacts. Fossil fragments and pyrite stains are disseminated throughout the core.</p>
2								vpI RD	
3								dk gn GY	
4								lt GY	
5								dk gn GY	
6								dk gn GY	
7								mlt gn GY	
8								PAL	

SITE 1055 HOLE B CORE 3H Cored 14.0-23.5 mbsf

1055B-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>SILTY CLAY and FORAMINIFER SILT WITH CLAY</p> <p>General Description:                      This core contains light greenish gray (10Y 4/1) SILTY CLAY and dark greenish gray (10Y 5/2) FORAMINIFER SILT WITH CLAY. Moderate to severe bioturbation, fossil fragments, and worm burrows are prevalent throughout the core. Abrupt pteropod layers are also common in middle and base of core. SILTY CLAY dominates the top of the core and is interbedded with a FORAMINIFER SILT WITH CLAY.</p>
2							IW dsk ye GN		
							SS		
							IW ol GN		
							SS		
3							mlt gn GY		
4							IW mlt GY		
5							mlt gn GY		
6							IW mlt GY		
7							SS		
8							IW dk gn GY		
9							SS		
10							PAL		

SITE 1055 HOLE B CORE 4H

Cored 23.5-33.0 mbsf

1055B-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>SILTY NANNOFOSSIL CLAY</b></p> <p>General Description:                      This core contains light olive gray (5Y 5/2) and light bluish gray (3GY 5/1) SILTY NANNOFOSSIL CLAY. Varying amounts of silt, clay, foraminifers, and diatoms are present throughout core. Shell fragments and filled burrows are abundant in several sections, and a scoured contact is present in Section 5.</p>
2							It ol GN		
3						IW	It GY		
4						SS	It ol BR		
5						IW	dk ol GY		
6						SS	..		
7						IW	mt gn GY		
8						SS	..		
9						IW	mt gn GY		
10						PAL	..		
								It gn GY	
								mt gn GY	



SITE 1055 HOLE B CORE 6H

Cored 42.5-52.0 mbsf

1055B-6H

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									
13									
14									
15									
16									
17									
18									
19									
20									
21									
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32									
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34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									

SILTY NANNOFOSSIL CLAY

General Description:  
 This core is an olive gray (5Y 3/2) SILTY NANNOFOSSIL CLAY. The dominant lithology is interbedded with medium-sized (20-30 cm) beds of FORAMINIFER SILTY CLAY. Several coarsening-fining beds are present near base of core with scoured contacts. Abundant shell fragments are found throughout the core. Bioturbation is moderate to severe, creating fine color laminae and mottles in several sections.

Many sharp, medium-sized (5-10 cm) color bands throughout Section 6.





SITE 1055 HOLE B CORE 8H

Cored 61.5-71.0 mbsf

1055B-8H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>CLAY WITH NANNOFOSSILS</b></p> <p>General Description:                      This core contains dark greenish gray (10Y 5/1) CLAY WITH NANNOFOSSILS. Variable amounts of nannofossils and clay are present throughout the core with gradational contacts between major lithologies. There are few apparent variations in grain size. The nannofossil content peaks in Section 6, forming a light bluish gray (5B 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT, returning to a CLAY WITH NANNOFOSSILS in Section 7.</p>
2							mt gn GY		
3							med ol BR		
4							IW		
5							med gy OL		
6							SS		
7							SS		
8							pal bl GY		
9							IW		
10							PAL		

SITE 1055 HOLE B CORE 9H

Cored 71.0-80.5 mbsf

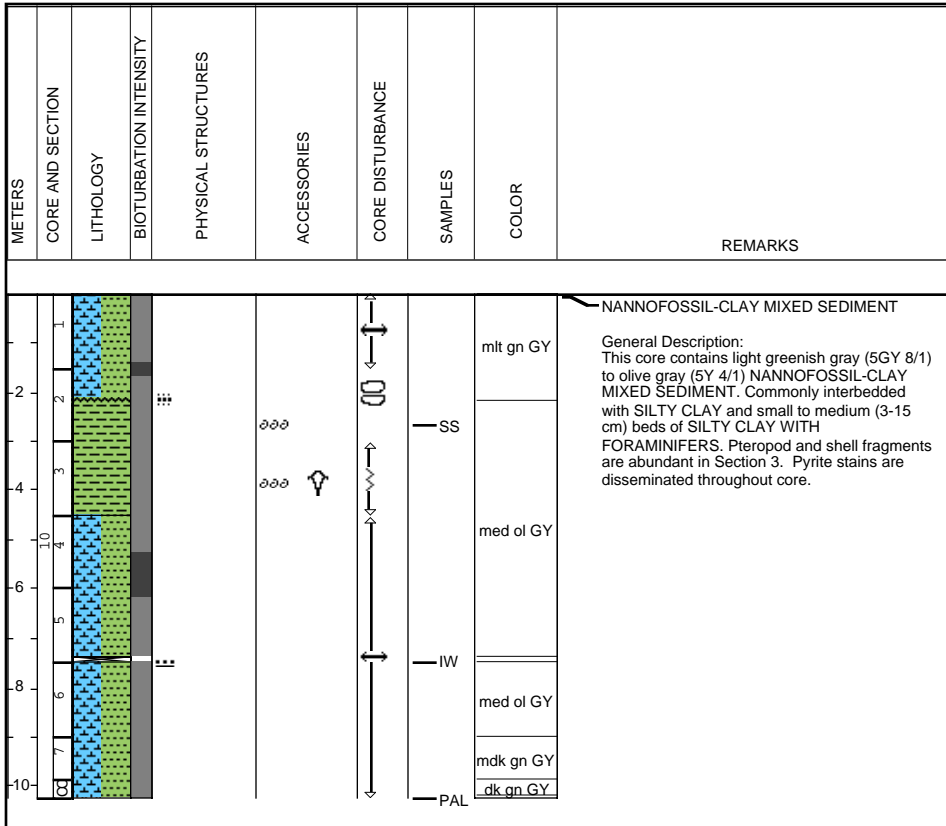
1055B-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1								<p><b>SILTY CLAY</b></p> <p>General Description: This core contains bluish gray (5B 5/1) SILTY CLAY. Several medium-sized (10-30 cm) fining and coarsening beds with gradational and scoured contacts are present. Fossil fragments are sparse to common throughout Sections 1-4. The upper lithology is interbedded with two intervals of grayish blue green (5 BG 5/2) SILT with Chondrites ichnofossils. Lower sections characterized by NANNOFOSSIL-CLAY MIXED SEDIMENT with sharp and gradational coarsening beds.</p> <p>Section 4. Alternating laminae (&gt;1 cm) of SILTY CLAY and CLAY.</p>
2	2								
3	3								
4	4							med bl GY	
5	5							GY	
6	6							med bl GY	
7	7							med ol BF	
8	8							med gn GY	
9	9								
10	10							PAL	

SITE 1055 HOLE B CORE 10H

Cored 80.5-90.0 mbsf

1055B-10H



SITE 1055 HOLE B CORE 11H

Cored 90.0-99.5 mbsf

1055B-11H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dsk ye GN	<p>NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT</p> <p>General Description: This core contains dusky yellow green (5GY 5/2) to light greenish gray (10Y 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT. Extensive color mottling is present throughout core due to severe bioturbation. The dominant lithology is commonly interbedded with coarse beds of SILTY CLAY. Relative proportions of clay, nannofossils, and silt vary by 10% in all sections.</p>
2								dsk ye GN	
3								dsk ye GN	
4								dsk ye GN	
5								med gy GN	
6								dsk ye GN	
7								dsk ye GN	
8								It gn GY	
9									
10									

Section 7, 81-98 cm. Alternating thin (< 3 cm) color laminae, ranging from light olive gray (5GY 6/1) to moderate reddish olive gray (7.5GY 5/0).

SS  
IW  
PAL

SITE 1055 HOLE B CORE 12H

Cored 99.5-109.0 mbsf

1055B-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT</b></p> <p>General Description: This core contains light (10Y 7/1) to dark greenish gray (10Y 5/4) NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT. Several sections are marked by abrupt coarse intervals with sharp basal and upper contacts, grading from a SILTY CLAY to a SILT WITH FORAMINIFERS. Commonly the top contact is abrupt and the basal contact gradational. The core contains many large gas voids due to gas expansion.</p>
1								lt gn GY	
2								med ol GN	
3								lt gn GY	
4								dk gn GY	
5								lt gn GY	
6									
7									
8									
10									



SITE 1055 HOLE B CORE 14H

Cored 118.5-128.0 mbsf

1055B-14H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dk ol GN	<p><b>CLAY WITH SILT</b></p> <p>General Description:                      This core contains olive gray (5Y 4/1) CLAY WITH SILT. The dominant lithology is typically massive, structureless, and monochromatic throughout the core. Silt content increases in Sections 2-3, becoming a SILTY CLAY. A few grain size variations are present in Sections 1-3. The first appearance of silica-rich burrow fillings occurs in Section 3. Shell fragments and filled burrows are common in Sections 1-5, and large gas voids are present throughout the core.</p>
2								dk ol GN	
3								ol GY	
4								dk ol GY	
5								dk ol GY	
6								mdk ol GY	
7								dk ol GY	
8								dk ol GY	
9								dk ol GY	
10								dk ol GY	





SITE 1055 HOLE C CORE 2H

Cored 8.5-18.0 mbsf

1055C-2H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									<p><b>SILTY CLAY</b></p> <p>General Description:                      This core contains greenish gray (5G 6/1) SILTY CLAY. Several coarsening-fining beds with SILT and sharp, irregular contacts are present throughout the core, especially in Section 2. The dominant lithology is interbedded with a greenish gray (5G 5/1) CLAYEY SILT WITH NANNOFOSSILS in Section 5. Burrows and shell fragments are occur throughout the core.                      In Section 3 several pale red (10R 6/2) laminae are present.</p>
2							med ol GY		
3							med gn GY		
4							mlt gn GY		
5						SS	gn GY		
6							med ol GY		
7							mlt ol GY		

SITE 1055 HOLE C CORE 3H

Cored 18.0-27.5 mbsf

1055C-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p><b>SILTY CLAY</b></p> <p>General Description:                      This core contains dark greenish gray (5GY 4/1) SILTY CLAY. The dominant lithology is massive, structureless, and monochromatic. The core is heavily disturbed by flow-in from 100 cm in Section 1 to the base of the core. Several gradational coarsening-fining beds are present from Section 4 to 7.</p>
1								dk gn GY	
2									
3									
4								med gn GY	
5									
6								dk gn GY	

SITE 1055 HOLE C CORE 4H

Cored 27.5-37.0 mbsf

1055C-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									<p><b>SILTY CLAY</b></p> <p>General description: This core contains light (5Y 6/1) to dark (5Y 3/1) olive gray SILTY CLAY. The darker laminae commonly have increased amounts of SILT with gradational contacts. Upper 105 cm in Section 1 is very disturbed. Pyritized burrows and shell fragments are scattered throughout the core.</p> <p>Section 5 contains several dark olive gray (5Y 3/1) SILT laminae in CLAY.</p>
2							med ol GY		
3							lt ol GY		
4							lt ol GY		
5					∅∅∅		med ol GY		
6							mlt ol GY		
7							mlt ol GY		
8							mdk ol GY		
9							med ol GY		
10							med ol GY		

SITE 1055 HOLE C CORE 5H

Cored 37.0-46.5 mbsf

1055C-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.2									<p><b>SILTY CLAY AND CLAYEY SILT</b></p> <p>General description:                      This core contains light olive gray (5Y 6/1) to olive gray (5Y 4/1) SILTY CLAY and CLAYEY SILT beds, with gradational contacts between lithologies. Pale red coloration occurs in Sections 2-3. At 105 cm in Section 6, a fining upwards bed contains silt laminae with an abrupt basal contact. Shell fragments are disseminated throughout the core.</p>
2								mdk ol GY	
4								mt ol GY	
5								med ol GY	
6								mt ol GY	
7								mt ol GY	
8								med gn GY	
10								..	

Site 1055 Hole C Core 6H

Cored 46.5-56.0 mbsf

1055C-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>SILTY CLAY and CLAYEY SILT</b></p> <p>General Description:                      This core contains light (5G 8/1) to dark greenish gray (5G 4/1) SILTY CLAY. Lithology interbedded with a light greenish gray (5G 8/1) CLAYEY SILT in Sections 2-3. In the upper sections there are several gradational contacts with a well-sorted greenish gray (5G 6/1) FORAMINIFER SAND. In Sections 5-6, greenish gray (5G 5/1) SILTY CLAYS are interbedded with a light gray (N7) NANNOFOSSIL OOZE. Several gradational coarse intervals occur at the base of the core.</p>
2							med gn GY		
3							med bl GY		
4							mlt gn GY		
6							med ol GY		
5							lt GY		
6							med gn GY		
7							mdk gn GY		
8							PAL		
10									

Site 1055 Hole C Core 7H Cored 56.0-65.5 mbsf

1055C-7H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1			---	---					<p><b>SILTY CLAY</b></p> <p>General description: This core contains greenish gray (5G 6/1) SILTY CLAY. Several coarser layers throughout the core contain SILT and shell fragments with gradational contacts. The dominant lithology is generally massive, structureless, and monochromatic.</p>
2			---	---			SS SS	med gn GY	
3			---	---					
4			---	---					
5			---	---					
6			---	---					
7			---	---					
8			---	---					
9			---	---					
10			---	---					

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>SILTY NANNOFOSSIL CLAY and SILTY CLAY</p> <p>General description: This core contains light yellowish gray (5Y 8/1) SILTY NANNOFOSSIL CLAY and greenish gray (5G 6/1) SILTY CLAY. Color mottles are common throughout the core. Intervals of greenish gray (5G 5/1) SILT WITH FORAMINIFER SAND are present within the SILTY CLAY.</p> <p>In Section 6 there are four individual scoured contacts.</p>
2								lt ye GY	
3								med ol GN	
4								..	
5								med gn GY	
6								mdk gn GY	
7									
10									PAL

Site 1055 Hole C Core 9H

Cored 75.0-82.5 mbsf

1055C-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAYEY SILT and CLAY WITH SILT</p> <p>General description: This core contains greenish gray (5G 6/1) CLAYEY SILT. The dominant lithology contains several thin (3-5 cm) beds of well-sorted SILTY FORAMINIFER SAND. In Sections 5-6 the lithology becomes a light bluish gray (5B 7/1) CLAY WITH SILT.</p> <p>In Section 4 there is a scoured contact present within the CLAYEY SILT.</p>
2							SS	med ol GN	
3								med gn GY	
4								mlt ol GN	
5								med gn GY	
6							SS	med ol GN	
7								..	
8								med gn GY	
9							SS	mlt bl GY	
10							PAL		



Site 1055 Hole C Core 10H

Cored 82.5-92.0 mbsf

1055C-10H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>SILTY CLAY</b></p> <p>General Description:                      This core contains moderate to dark greenish gray (10Y 6/1) SILTY CLAY interbedded with a light bluish gray (5B 5/1) CLAYEY SILT in Section 3. All sediments throughout the core are homogeneous, massive, and structureless with rare shell fragments. Core disturbance is moderate to severe.</p>
2							med gn GY		
3									
4									
5							SS		
6								med gn GY	
7									
8									
9									
10								dk gn GY	
									PAL



Site 1055 Hole C Core 12H

Cored 101.5-111.0 mbsf

1055C-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p><b>SILTY CLAY</b></p> <p>General Description:                      This core contains light greenish gray (5GY 5/1) to olive green (10Y 4/1) SILTY CLAY. The dominant lithology is marked by several changes in grain size throughout the core, ranging from a light gray (N7) CLAYEY SILT in Section 1 to an olive green (10Y 4/1) SILT in Section 5. Boundaries between units with different grain sizes are typically sharp and irregular. The lithology becomes increasingly homogeneous towards the base, typically a greenish gray (5GY 4/1) color.</p>
1								mdk GY	
2								lt GY	
3								med gy GN	
4								lt gn GY	
5								lt ol GN	
6								mlt ol GN	
7								med gn GY	
8								med GY	
								PAL	



Site 1055 Hole C Core 14H

Cored 120.5-120.8 mbsf

1055C-14H

1055D-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
									<p>General Description:                      This core contains dark greenish gray (10Y 4/1) CLAY. Entire core is severely disturbed due to gas expansion. Generally massive, structureless, and monochromatic.</p>

Site 1055 Hole D Core 1H

Cored 0.0-5.6 mbsf

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0 1 2 3 4 5 5.6								mlt ol GY mlt ol GY mlt br GY mlt ol GN mlt ol GN	<p>SILTY CLAY and CLAYEY SILT WITH NANNOFOSSILS</p> <p>General description:                      This core contains medium-light olive gray (5Y 6/1) SILTY CLAY. Dominant lithology is massive and structureless, interbedded with a medium-light brownish gray (5YR 6/1) CLAYEY SILT WITH NANNOFOSSILS. Foraminifers and pteropods become increasingly common in Sections 3-4, and a perceptible color change to pale red (10R 6/2) occurs within these sections.</p>



Site 1055 Hole D Core 3H

Cored 15.1-24.6 mbsf

1055D-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>SILTY CLAY and CLAYEY SILT</b></p> <p>General description:                      This core contains a greenish (5GY 6/1) to light greenish gray (5GY 8/1) SILTY CLAY. In Sections 5-7 the predominant lithology is CLAYEY SILT with an irregular contact due to severe bioturbation. In addition, small CLAYEY SILT beds with abundant shell fragments are found in Sections 2 and 7. Pyritized and foraminifer-rich burrows are present in Sections 5 and 7.</p>
2								med gn GY	
3								mlt gn GY	
4								med gn GY	
5								mlt gn GY	
6								med gn GY	
7								mlt gn GY	
8								mlt br GY	
9								med gn GY	
10								..	





Site 1055 Hole D Core 5H

Cored 34.1-43.6 mbsf

1055D-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>SILTY CLAY</p> <p>General Description: This core consists of dark olive gray (5Y 3/1) to greenish gray (5GY 6/1) SILTY CLAY. Dominant lithology is interbedded with light greenish gray (5GY 8/1) CLAYEY SILT in the upper sections. Grain size variations are frequent and small (3-10 cm) throughout the core. Shell fragments are common in Sections 6 and 7.</p> <p>Section 5 predominantly greenish gray (5G 6/1) CLAYEY SILT with several thin (1-3 cm) beds of SILTY CLAY WITH FORAMINIFERS.</p>
2								med gn GY	
3								mlt gn GY	
4								dk ol GY	
5								dk ol GY	
6								mdk ol GY	
7								med gn GY	
8									
									PAL



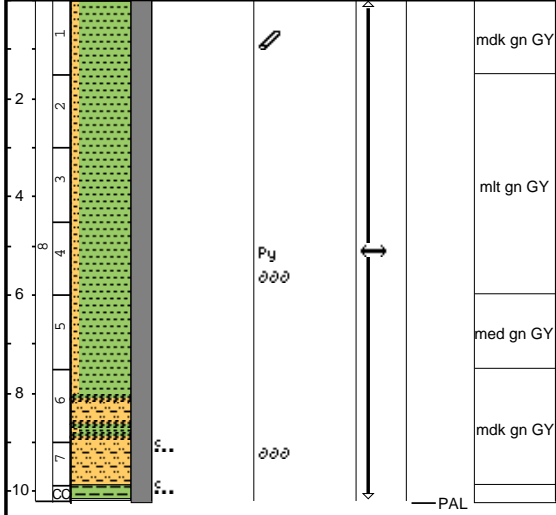
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									
								med gn GY	<p>SILTY CLAY and CLAYEY SILT</p> <p>General description:                      This core consists of greenish gray (5GY 6/1) SILTY CLAY and CLAYEY SILT. The dominate lithologies alternate with gradational contacts and are often associated with pteropod shells and shell fragments. Smaller (1-3 cm) coarsening-fining beds also occur in both lithologies. All transitions generally appear irregular due to moderate bioturbation. Pyrite stains and worm burrows are disseminated throughout core.</p>

Site 1055 Hole D Core 8H

Cored 62.6-72.1 mbsf

1055D-8H

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 consists of greenish gray (5GY 6/1) CLAY WITH SILT interbedded with medium-dark greenish gray (5G 4/1) CLAYEY SILT in Sections 6-7. Transitions between lithologies are irregular due to moderate bioturbation. Gas expansion fractures are common to severe throughout core.</p>
1							mdk gn GY		
2							mlt gn GY		
4							med gn GY		
6							mdk gn GY		
8									
10									



METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH SILT and CLAYEY SILT</p> <p>General description:                      This core consists of greenish gray (5GY 6/1) CLAY WITH SILT and CLAYEY SILT. The dominant lithologies are interbedded throughout the first five sections, with Sections 5 CC predominantly CLAY WITH SILT. Lithologic transitions throughout the core are both gradational and sharp with irregular contacts due to moderate bioturbation. Gas expansion is moderate to severe in several sections.</p>
2							mdk gn GY		
3							med gn GY		
4							..		
5							med gn GY		
6							mdk gn GY		
7							mlt gn GY		
8							lt gn GY		
9							..		
10							mlt gn GY		
								PAL	

Site 1055 Hole D Core 10H

Cored 81.6-91.1 mbsf

1055D-10H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>CLAY WITH NANNOFOSSILS</b></p> <p>General Description:                      This core consists of dark greenish gray (5G 4/1) CLAY WITH NANNOFOSSILS. The dominant lithology is interbedded with a dark greenish gray (10Y 4/1) CLAY WITH NANNOFOSSILS AND SILT in Section 3. The upper and lower contacts between the two lithologies are gradational. Lithology generally homogeneous, structureless, and monochromatic. Shell fragments and pyrite stains rare throughout core.</p>
2									
3									
4									
5									
6									
7									
8									
9									
10									

Site 1055 Hole D Core 11H

Cored 91.1-100.6 mbsf

1055D-11H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dk gn GY	<p><b>CLAY WITH NANNOFOSSILS</b></p> <p>General Description:                      This core contains dark greenish gray (5G 4/1) CLAY WITH NANNOFOSSILS. The dominant lithology is commonly interbedded with a light (5G 8/1) to dark greenish gray (5G 4/1) SILTY CLAY with 5-10% foraminifers. The dominant lithology is typically massive, structureless, and monochromatic. Many burrow fills throughout core contain SILTY CLAY WITH FORAMINIFERS.</p>
2							dk gn GY		
3				F..			SS		
4							lt GY		
5					Py		dk gn GY		
6							mdk gn GY		
7				F..			SS		
8									
9									
10							PAL		

Site 1055 Hole D Core 12H

Cored 100.6-110.1 mbsf

1055D-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								mdk GY	<p>CLAY WITH NANNOFOSSILS AND FORAMINIFERS</p> <p>General Description: This core contains dark olive gray (5Y 3/1) CLAY WITH NANNOFOSSILS AND FORAMINIFERS. Dominant lithology massive, structureless, and monochromatic. Upper and basal sections are marked by gradational shifts in grain size and color, ranging from light gray (N7) CLAYEY SILT to dark olive green (5GY 3/1) SILTY CLAY. All contacts are irregular due to moderate bioturbation.</p>
2							mdk ol GY		
3							dk ol GY		
4							mdk ol GY		
5							mdk ol GY		
6							dk GY		
7							mdk GY		
8							mdk ol GY		
9							SS		
10							PAL		





METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>CLAY WITH NANNOFOSSILS AND DIATOMS</b></p> <p>General Description:                      This core contains a dark greenish gray (10Y 5/2) CLAY WITH NANNOFOSSILS AND DIATOMS. The dominant lithology contains varying amount of biogenic components with marked slumped structures such as sand-filled fractures and chaotic bedding. Siliciclastic and biogenic components vary throughout core. The upper sections are predominantly NANNOFOSSIL CLAYS and CLAYS with sharp contacts. Basal lithologies range from CLAYS to SILTY CLAYS with gradational contacts.</p>
2								med gn GY	
3									
4									
5								dk gn GY	
6									
7									
8								SS	
9									
10								PAL	

Site 1055 Hole D Core 14H

Cored 119.6-129.1 mbsf

1055D-14H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
<p>1 2 3 4 5 6 7 8 9 10</p> 								<p>dk gn GY</p> <p>med gn GY</p>	<p>CLAY WITH DIATOMS AND NANNOFOSSILS</p> <p>General Description: This core contains dark greenish gray (10Y 5/2) CLAY WITH DIATOMS AND NANNOFOSSILS. The dominant lithology is characterized by massive, structureless, and monochromatic clay. Silica-lined worm burrows and pyrite stains are disseminated throughout core. Lower sections are interbedded with a light gray SILTY SAND WITH FORAMINIFERS containing shell debris and gradational contacts.</p>

PAL

Site 1055 Hole E Core 1H

Cored 0.0-8.5 mbsf

1055E-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p><b>NANNOFOSSIL CLAY</b></p> <p>General Description:                      This core contains brownish gray (5YR 4/1) NANNOFOSSIL CLAY. The biogenic component varies in the top half of core, with a sharp increase in diatoms in Section 3. A pteropod-rich bed is also present in Section 3. The dominant lithology is underlain by a dark greenish gray (5GY 4/1) CLAY WITH SILT. Rare coarse intervals with sharp, gradational, and scoured contacts are found throughout the core. Shell fragments and open worm burrows are present in Sections 1-3.</p>
1								SS	
2								med br GY	
3								med gy GN	
4								SS	
5								mit rd GY	
6								SS	
7								dk gn GY	
8								lt gn GY	
								PAL	

Site 1055 Hole E Core 2H

Cored 8.5-18.0 mbsf

1055E-2H

METERS	CORE AND SECTION LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1							med gn GY	<p>CLAY</p> <p>General Description:                      This core contains light (10Y 7/1) to dark greenish gray (10Y 5/1) CLAY. The dominant lithology varies in siliciclastic and biogenic components throughout the core, ranging from a massive CLAY to a CLAY WITH NANNOFOSSILS AND SILT. Small to medium (5-10 cm) coarse intervals of SILT and shell fragments are common in Section 4.</p>
2							med bl GY	
3							mlt gn GY	
4					SS		med ol GN	
5							med ol GN	
6							lt ol GN	
7							med gn GY	
8							med gn GY	
9							med gn GY	
10					PAL		med gn GY	