

Site 1056 Hole A Core 1H

Cored 0.0-9.5 mbsf

1056A-1H

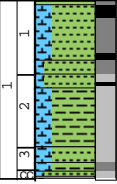
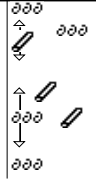
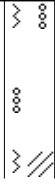

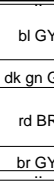
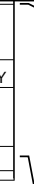
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0									<p><b>NANNOFOSSIL CLAY and CLAY</b></p> <p>General Description: This core contains greenish gray (5GY 6/1) to gray (N5) NANNOFOSSIL CLAY and pale reddish brown (10R 5/4) to reddish brown (10R 4/6) CLAY. The main lithology is interbedded with reddish brown NANNOFOSSIL SILTY CLAY, reddish brown SILTY CLAY, dark greenish gray (5GY 4/1) to greenish gray/olive gray (5Y 4/1) CLAY WITH NANNOFOSSILS, gray SILTY CLAY WITH NANNOFOSSILS, and light greenish gray (5GY 8/1)/light olive (10Y 5/4) NANNOFOSSIL CLAY WITH DIATOMS. Green diagenetic layers are common from Sections 1 to 5. Single silt layers with shell fragments and burrows are present in some intervals.</p> <p>SS: Nannofossil silty clay SS: Silty clay</p> <p>SS: Nannofossil clay SS: Nannofossil clay with diatoms (light olive streak) SS: Nannofossil clay</p>
1.0								GY	
2.0								rd BR	
3.0								SS	
4.0								SS	
5.0								pal rd BR	
6.0								dk gn GY	
7.0								ol GY	
8.0								GY	
9.5								gn GY	
								lt gn GY	
								SS	
								SS	
								SS	
								PAL	



Site 1056 Hole B Core 1H

Cored 0.0-3.6 mbsf

1056B-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 1 2 3								<ul style="list-style-type: none"> <li>bl GY</li> <li>dk gn GY</li> <li>rd BR</li> <li>br GY</li> </ul>	<p>NANNOFOSSIL CLAY and SILTY NANNOFOSSIL CLAY</p> <p>General Description: The core contains bluish gray (5B 5/1) to brownish gray (5YR 4/1) NANNOFOSSIL CLAY and reddish brown (10R 4/6) to brownish gray SILTY NANNOFOSSIL CLAY. The dominant lithology is interbedded with brownish gray CLAY and dark greenish gray (5GY 4/1) CLAY WITH NANNOFOSSILS. Green silty diagenetic layers are common from Section 2 to 3. Layers with shell fragments and burrows are abundant.</p> <p>SS: Nannofossil clay</p>

METERS	CORE AND SECTION LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0								
1							gn GY	<p>SILTY CLAY WITH NANNOFOSSILS and SILTY NANNOFOSSIL CLAY</p> <p>General Description:                      The core consists of greenish gray (5GY 6/1) to brownish gray (5YR 4/1) SILTY CLAY WITH NANNOFOSSILS and greenish gray to bluish gray (5B 5/1) SILTY NANNOFOSSIL CLAY interbedded with reddish brown (10R 4/6) SILTY CLAY, greenish gray to grayish olive (10Y 4/2) CLAY WITH NANNOFOSSILS, brownish gray to light brownish gray (5YR 6/1) NANNOFOSSIL CLAY, and greenish gray to brownish gray CLAYEY SILT. Shell debris and burrows filled with clay or silt are common. In some intervals green silty diagenetic layers are intercalated. Some fining and coarsening upward intervals are observed. The clayey silt bed in Section 4 is interbedded with coarser layers that contain shell and pteropod fragments. The lower boundary is scoured.</p>
2							gn GY br GY	
3							gn GY br GY	
4							gn GY br GY	
5							gn GY br GY	
6							bl GY	
7							IW	
8							PAL	



Site 1056 Hole B Core 4H

Cored 22.6-32.1 mbsf

1056B-4H

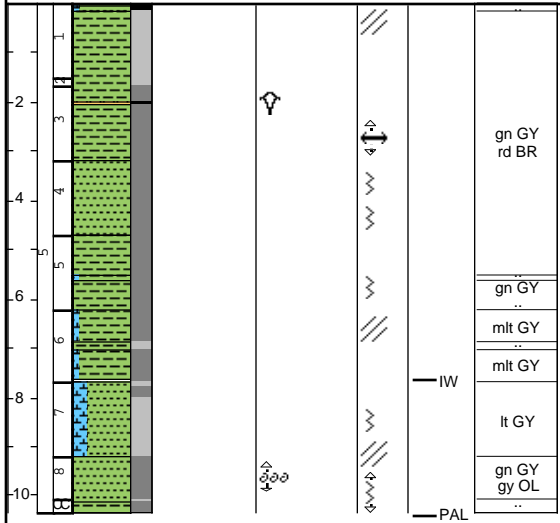
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dk GY	<p>CLAY WITH NANNOFOSSILS, SILTY CLAY CLAY, and SILT</p> <p>General Description:                      The core consists of dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), and light greenish gray (5GY 8/1) CLAY WITH NANNOFOSSILS and dark gray (N3), grayish red (10R 4/2), and greenish gray SILTY CLAY. The dominant lithology is interbedded with brownish gray (5YR 4/1) CLAY and dark greenish gray and grayish red SILT layers with pteropods. Single shell fragments are present throughout. The core contains fractures and voids related to gas expansion.</p>
2							mdk gn GY		
3							gy RD		
4							dk gn GY		
5							GY		
6							gn GY rd BR		
7							br GY		
8							SS lt gn GY	SS: Clay with nannofossils	
9							gn GY lt gn GY		
10							IW mlt gn GY gn GY	PAL	

Site 1056 Hole B Core 5H

Cored 32.1-41.6 mbsf

1056B-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>SILTY CLAY, NANNOFOSSIL CLAY, CLAY WITH NANNOFOSSILS, and CLAY</p> <p>General Description:                      The core contains greenish gray (5GY 6/1), reddish brown (10R 4/6), and olive gray (5Y 4/1) SILTY CLAY and light gray (N7) NANNOFOSSIL CLAY. The main lithology is interbedded with light gray CLAY WITH NANNOFOSSILS, greenish gray, reddish brown, and grayish olive (10Y 4/2) CLAY, and medium light gray (N6) SILTY CLAY WITH NANNOFOSSILS. In some intervals, sandy silt layers with pteropod tests are intercalated. Shell fragments are rare.</p>
2							gn GY rd BR		
3									
4									
5									
6							gn GY ..		
7							mlt GY ..		
8							mlt GY		
9							lt GY		
10							gn GY gy OL ..		



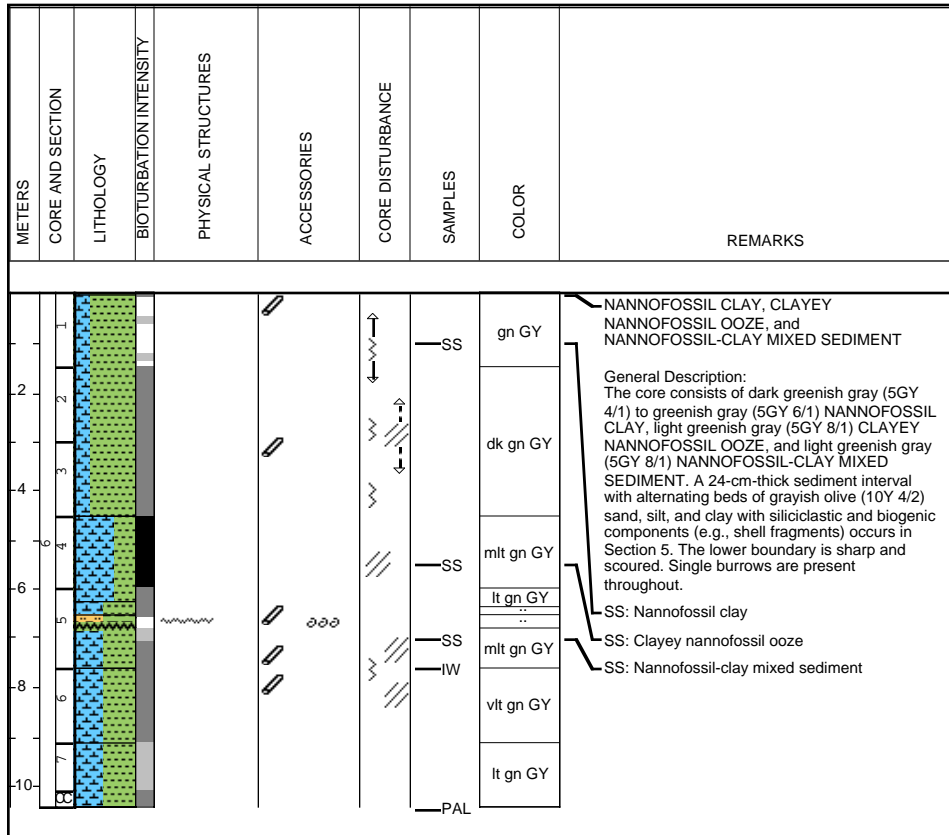
SILTY CLAY, NANNOFOSSIL CLAY, CLAY WITH NANNOFOSSILS, and CLAY

General Description:  
 The core contains greenish gray (5GY 6/1), reddish brown (10R 4/6), and olive gray (5Y 4/1) SILTY CLAY and light gray (N7) NANNOFOSSIL CLAY. The main lithology is interbedded with light gray CLAY WITH NANNOFOSSILS, greenish gray, reddish brown, and grayish olive (10Y 4/2) CLAY, and medium light gray (N6) SILTY CLAY WITH NANNOFOSSILS. In some intervals, sandy silt layers with pteropod tests are intercalated. Shell fragments are rare.

Site 1056 Hole B Core 6H

Cored 41.6-51.1 mbsf

1056B-6H

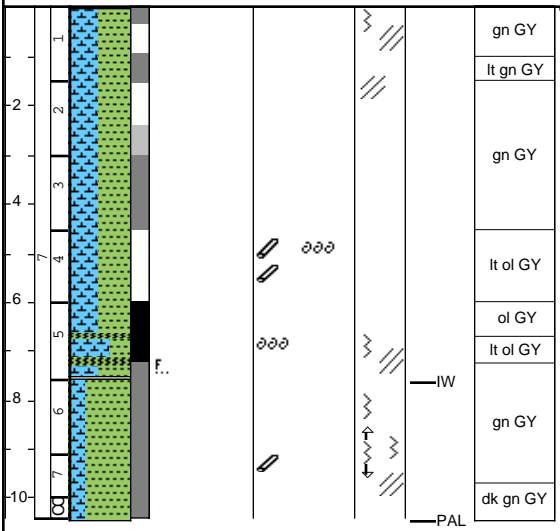


Site 1056 Hole B Core 7H

Cored 51.1-60.6 mbsf

1056B-7H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and NANNOFOSSIL CLAY</b></p> <p>General Description:                      The core consists of light greenish gray (5GY 8/1) to olive gray (5Y 4/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY. The dominant lithology is interbedded with light olive CLAYEY NANNOFOSSIL OOZE. Some boundaries are bioturbated. Single burrows filled with silt and shell fragments occur throughout.</p>
2							lt gn GY		
3							gn GY		
4							lt ol GY		
5							ol GY		
6							lt ol GY		
7							gn GY		
8							dk gn GY		
9									
10									



gn GY

lt gn GY

gn GY

lt ol GY

ol GY

lt ol GY

gn GY

dk gn GY

General Description:  
 The core consists of light greenish gray (5GY 8/1) to olive gray (5Y 4/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY. The dominant lithology is interbedded with light olive CLAYEY NANNOFOSSIL OOZE. Some boundaries are bioturbated. Single burrows filled with silt and shell fragments occur throughout.



Site 1056 Hole B Core 8H

Cored 60.6-70.1 mbsf

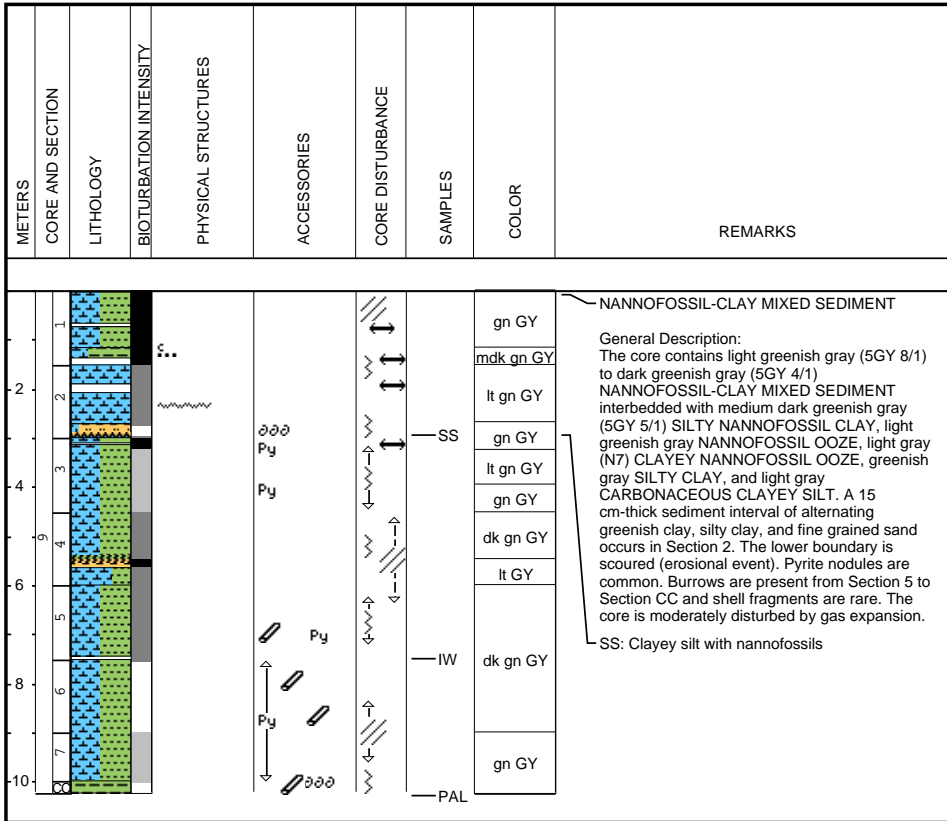
1056B-8H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1	1							dk gn GY	<p>NANNOFOSSIL CLAY MIXED SEDIMENT, SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT, and NANNOFOSSIL CLAY</p> <p>General Description: The core contains light greenish gray (5GY 8/1) to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY MIXED SEDIMENT, dark greenish gray to greenish gray SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT, and light greenish gray to dark greenish gray and olive gray (5Y 4/1) NANNOFOSSIL CLAY. The dominant lithology is interbedded with dark greenish gray and reddish brown (10R 4/6) CLAY WITH SILT AND NANNOFOSSILS, light brownish gray SILTY CLAY WITH NANNOFOSSILS, light greenish gray CLAY WITH SILT, and dark greenish gray SILT. Burrows filled with silt and shell debris are common throughout the core. Pyrite nodules occur from Section 5 to Section CC and pteropod tests occur in Section 2. Foraminifers are present in some intervals (Sections 1 and 4).</p> <p>SS: Clay with silt and nannofossils</p>
2	2					SS		dk gn GY rd BR	
3	3							lt br GY	
4	4							gn GY	
5	5				Py			dk gn GY gn GY	
6	6				Py			..	
7	7				Py			lt gn GY	
8	8				Py			..	
9	9				Py			gn GY	
10	10				Py			dk gn GY	
						IW		lt gn GY	
						PAL		..	

Site 1056 Hole B Core 9H

Cored 70.1-79.6 mbsf

1056B-9H



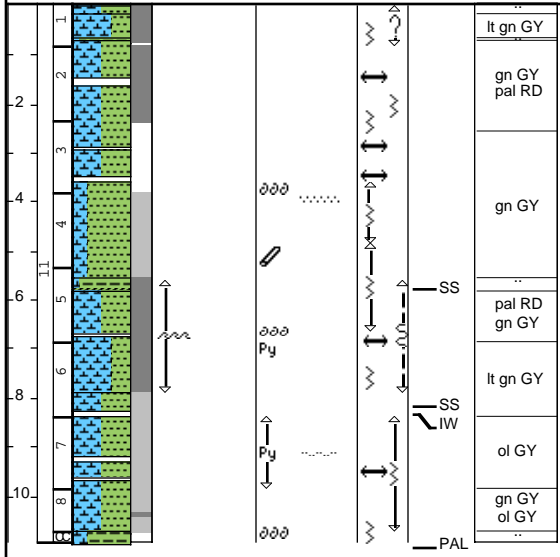
Site 1056 Hole B Core 10H

Cored 79.6-89.1 mbsf

1056B-10H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT, CLAYEY NANNOFOSSIL OOZE, and NANNOFOSSIL CLAY</b></p> <p><b>General Description:</b>                      The core consists of light greenish gray (5GY 8/1) to greenish gray (5GY 6/1) and olive gray (5Y 4/1) NANNOFOSSIL-CLAY MIXED SEDIMENT, light greenish gray CLAYEY NANNOFOSSIL OOZE, and greenish gray to dark greenish gray NANNOFOSSIL CLAY. The dominant lithology is interbedded with dark greenish gray, light olive gray (5Y 6/1), and brown (5YR 4/4) SILTY CLAY WITH FORAMINIFERS, medium dark greenish gray (5GY 5/1) CLAYEY SILT WITH FORAMINIFERS, and CLAYEY SILT. Shell debris and pyrite nodules are common. Single burrows filled with silt are present from Section 3 to Section 4. The core is moderately disturbed by gas expansion. Section 1 was ejected from the core barrel, and its orientation is uncertain.</p>
2								dk gn GY	
3								lt ol GY	
4								ol GY	
5								gn GY	
6								lt gn GY	
7								gn GY	
8								gn GY rd BR	
9								lt gn GY	
10								lt gn GY	

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and NANNOFOSSIL CLAY</b></p> <p>General Description:                      The core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), pale red (10R 6/2), and olive gray (5Y 4/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray NANNOFOSSIL CLAY. The major lithology is interbedded with light greenish gray CLAYEY NANNOFOSSIL OOZE, greenish gray, pale red, and brownish gray (5YR 4/1) SILTY CLAY WITH NANNOFOSSILS, and medium dark greenish gray (5GY 5/1) SILTY NANNOFOSSIL CLAY. The sediments between Section 5 and 6 show convoluted bedding possibly due to sediment deformation ("slump"). Shell debris, pyrite nodules, and silt and sand laminae are common. Burrows filled with silt are rare. The core is moderately disturbed by gas expansion. Section 1 was ejected from the core barrel, and its orientation is uncertain.</p> <p>SS: Silty clay with nannofossils                      SS: Nannofossil-clay mixed sediment</p>
2								lt gn GY	
3								gn GY pal RD	
4								gn GY	
5								..	
6								pal RD gn GY	
7								lt gn GY	
8								ol GY	
9								gn GY ol GY	
10								..	



**NANNOFOSSIL-CLAY MIXED SEDIMENT and NANNOFOSSIL CLAY**

General Description:  
 The core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), pale red (10R 6/2), and olive gray (5Y 4/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray NANNOFOSSIL CLAY. The major lithology is interbedded with light greenish gray CLAYEY NANNOFOSSIL OOZE, greenish gray, pale red, and brownish gray (5YR 4/1) SILTY CLAY WITH NANNOFOSSILS, and medium dark greenish gray (5GY 5/1) SILTY NANNOFOSSIL CLAY. The sediments between Section 5 and 6 show convoluted bedding possibly due to sediment deformation ("slump"). Shell debris, pyrite nodules, and silt and sand laminae are common. Burrows filled with silt are rare. The core is moderately disturbed by gas expansion. Section 1 was ejected from the core barrel, and its orientation is uncertain.

SS: Silty clay with nannofossils  
 SS: Nannofossil-clay mixed sediment

Site 1056 Hole B Core 12H

Cored 98.6-108.1 mbsf

1056B-12H

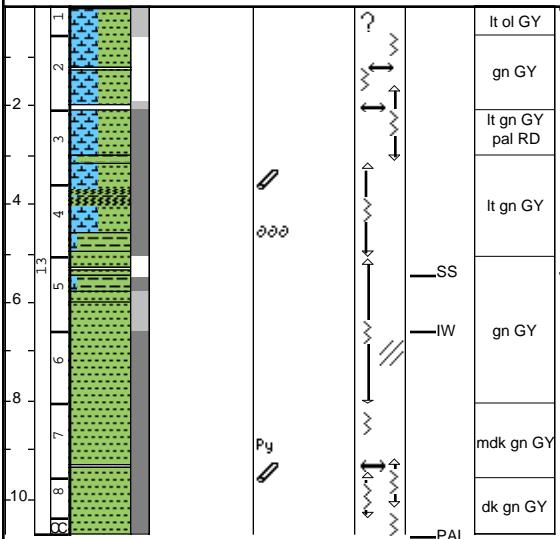
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dk gn GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and CLAYEY NANNOFOSSIL OOZE</b></p> <p>General Description:                      The core contains greenish gray (5GY 6/1), dark greenish gray (5GY 4/1), and light brown (5YR 6/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and light greenish gray (5GY 8/1) CLAYEY NANNOFOSSIL OOZE. The major lithology is interbedded with dark greenish gray NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT and light to medium greenish gray CLAYEY SILT WITH NANNOFOSSILS. In some intervals, thin dark greenish silt layers are intercalated. Furthermore, silt lenses and patches are present throughout. The first 55 cm of Section 2 are deformed and show a folding structure between 10 and 20 cm. A single shell fragment and burrows occur in the core. The core is moderately disturbed by gas expansion. Section 1 was ejected from the core barrel, and its orientation is uncertain.</p> <p>SS: Silt</p>
2								gn GY	
3								lt gn GY	
4								gn GY	
5								dk gn GY	
6								gn GY	
7								gn GY	
8								gn GY	
9								gn GY	
10								dk gn GY	

Site 1056 Hole B Core 13H

Cored 108.1-117.6 mbsf

1056B-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and CLAY</b></p> <p>General Description:                      The core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), light olive gray (5Y 6/1), and pale red (10R 6/2) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray to dark greenish gray (5GY 4/1) CLAY interbedded with light greenish gray to greenish gray SILTY CLAY WITH NANNOFOSSILS. A single pyrite nodule, shell fragments, and burrows are observed. The core is moderately disturbed by gas expansion. Section 1 was ejected from the core barrel, and its orientation is uncertain.</p> <p>SS: Clay</p>
2								lt ol GY	
3								gn GY	
4								lt gn GY pal RD	
5								lt gn GY	
6								SS	
7								gn GY	
8								mdk gn GY	
9								dk gn GY	
10								PAL	



**NANNOFOSSIL-CLAY MIXED SEDIMENT and CLAY**

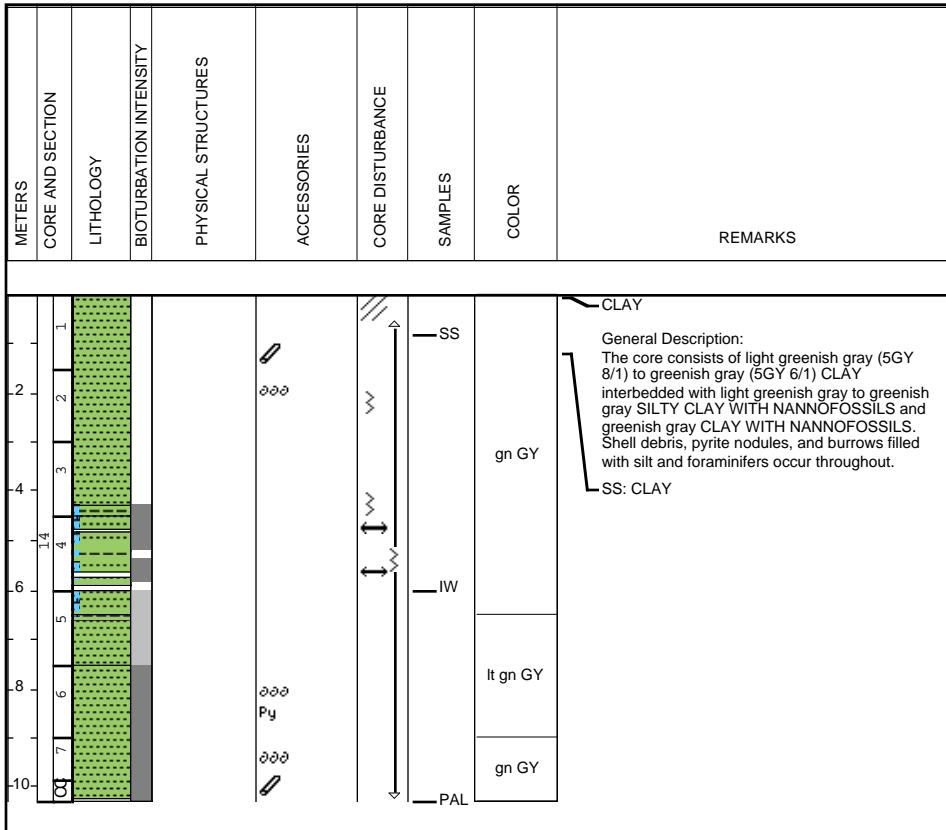
General Description:  
 The core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), light olive gray (5Y 6/1), and pale red (10R 6/2) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray to dark greenish gray (5GY 4/1) CLAY interbedded with light greenish gray to greenish gray SILTY CLAY WITH NANNOFOSSILS. A single pyrite nodule, shell fragments, and burrows are observed. The core is moderately disturbed by gas expansion. Section 1 was ejected from the core barrel, and its orientation is uncertain.

SS: Clay

Site 1056 Hole B Core 14H

Cored 117.6-127.1 mbsf

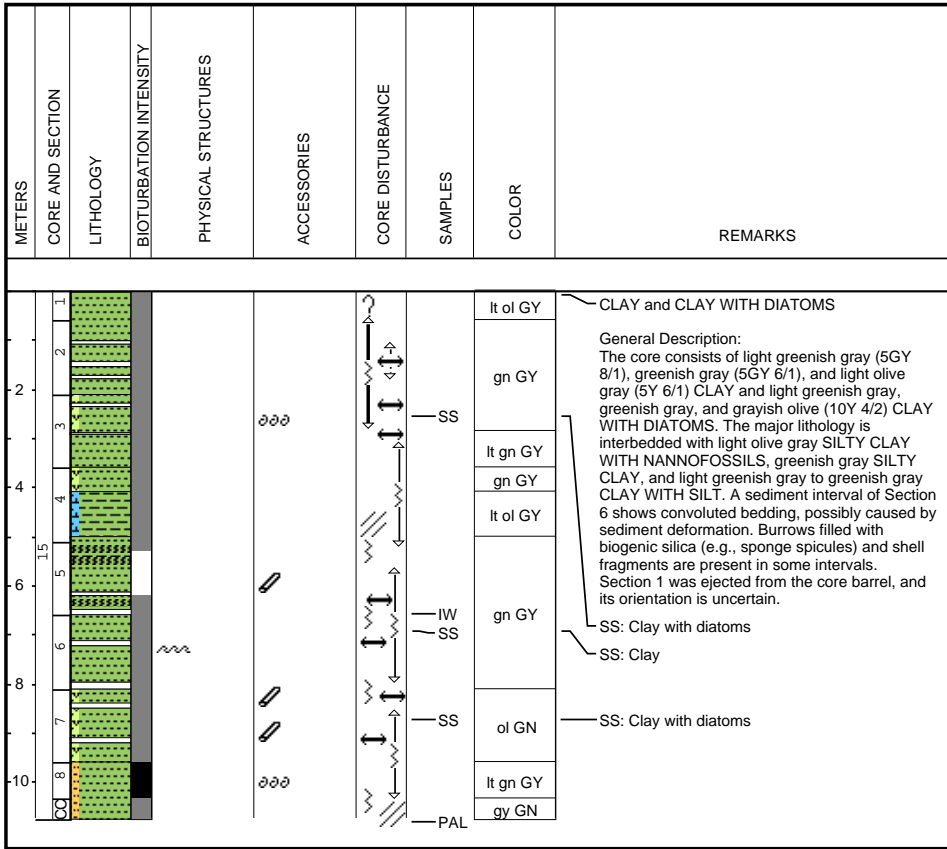
1056B-14H



Site 1056 Hole B Core 15H

Cored 127.1-136.6 mbsf

1056B-15H

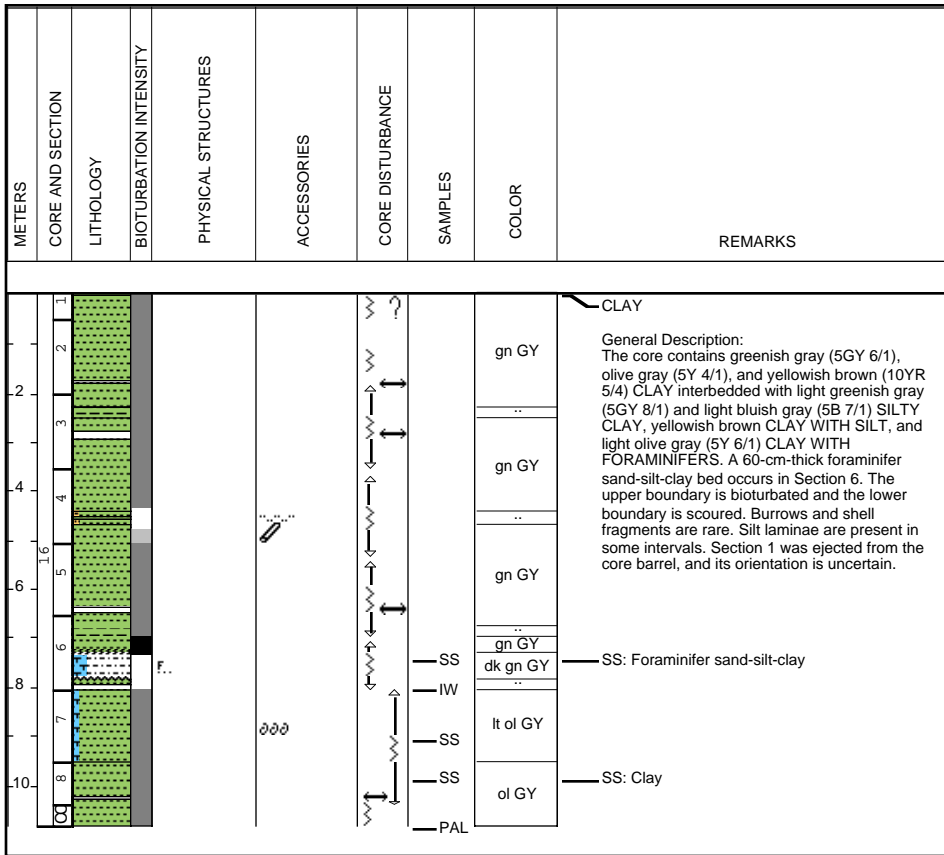




Site 1056 Hole B Core 16H

Cored 136.6-146.1 mbsf

1056B-16H



Site 1056 Hole B Core 17H

Cored 146.1-155.6 mbsf

1056B-17H

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 11 12</p>								<p>gy OL gn GN gn GN IW PAL</p>	<p>CLAY</p> <p>General Description: The core contains greenish gray (5GY 6/1), grayish olive (10Y4/2), and medium light brown (5YR 6/1) CLAY interbedded with greenish gray NANNOFOSSIL CLAY, greenish gray CLAY WITH SILT, and greenish gray and grayish olive CLAY WITH NANNOFOSSILS. Sediments in Section 4 show convoluted bedding (between 30 cm and 110 cm). Pteropod fragments and a burrow filled with foraminifers occur in Section 1. The core is extremely disturbed by gas expansion and drilling-related deformation.</p>

Site 1056 Hole C Core 1H

Cored 0.0-5.3 mbsf

1056C-1H

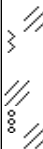
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
									<p>NANNOFOSSIL CLAY and SILTY CLAY</p> <p>General Description:                      The core contains light greenish gray (5GY 8/1), light brown (5YR 5/6), and olive gray (5Y 4/1) NANNOFOSSIL CLAY and olive gray SILTY CLAY. The dominant lithology is interbedded with olive gray CLAY and greenish gray (5GY 6/1) and reddish brown (10R 4/6) CLAY WITH SILT. The sediments of Section 2 and 3 have a reddish tinge.</p> <p>SS: Silty clay</p>
		lt gn GY							
		ol GY							
		gn GY rd BR				SS			
		ol GY							

Site 1056 Hole C Core 2H

Cored 5.3-14.8 mbsf

1056C-2H

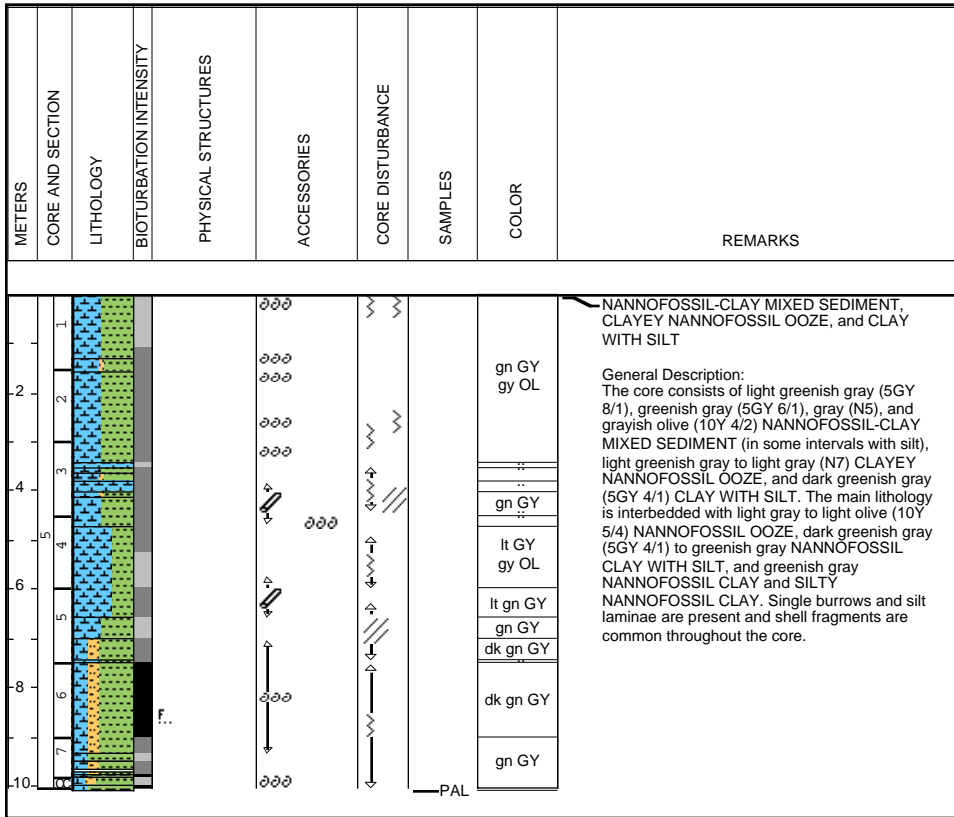
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAYEY NANNOFOSSIL OOZE, CLAY WITH SILT, and CLAY</p> <p>General Description:                      The core consists of light greenish gray (5GY 8/1) to greenish gray (5GY 6/1) CLAYEY NANNOFOSSIL OOZE and greenish gray, pale reddish brown (10R 5/4), and reddish brown (10R 4/6) CLAY WITH SILT. The main lithology is interbedded with brownish gray (5YR 4/1) and reddish brown CLAY, light greenish gray NANNOFOSSIL-CLAY MIXED SEDIMENT, and light greenish gray NANNOFOSSIL CLAY. In some intervals, CLAYEY NANNOFOSSIL OOZE contains silt and CLAY WITH SILT is interbedded with thin green silt layers. In Section 6, a 5-cm-thick Pteropod-rich layer occurs and in Section 7 shell debris is present. From Section 5 to CC, the core is slightly disturbed due to drilling.</p>
0.2								br GY	
0.4								gn GY rd GY	
0.6								lt gn GY	
0.8								lt gn GY gn GY	
1.0								rd BR	



PAL

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								lt ol GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and NANNOFOSSIL CLAY</b></p> <p>General Description:                      The core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), and light olive gray (5Y 5/2) NANNOFOSSIL-CLAY MIXED SEDIMENT and greenish gray and light olive gray NANNOFOSSIL CLAY. The dominant lithology is interbedded with light greenish gray SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT, light greenish gray to light gray (N7) CLAYEY NANNOFOSSIL OOZE, greenish gray SILTY NANNOFOSSIL CLAY, and brown (5YR 3/4) CLAY. Shell fragments are common in Section 7. The first four sections are disturbed by flow-in due to drilling.</p>
2								lt gn GY	
3								lt ol GY	
4								lt gn GY	
5								lt GY	
6								lt ol GY	
7								lt gn GY	
8								gn GY	
9					∅∅∅				
10									PAL





Site 1056 Hole C Core 6H

Cored 43.3-52.8 mbsf

1056C-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								bl GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT, and NANNOFOSSIL CLAY</b></p> <p>General Description:                      The core consists of light greenish gray (5GY 8/1), and light olive (10Y 5/4) NANNOFOSSIL CLAY, greenish gray (5GY 6/1), and bluish gray (5B 7/1 to 5/1). NANNOFOSSIL-CLAY MIXED SEDIMENT interbedded with bluish gray SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT. A 24-cm-thick sediment unit of alternating beds of dark grayish olive (10Y 4/1) sand, silt, and clay with siliciclastic and biogenic components (e.g., foraminifer tests and pteropod fragments) occurs in Section 3. The lower contact of this unit is sharp and scoured. Burrows filled with silt or clay are present in some intervals. Shell debris occurs in Sections 1 to 3.</p>
2								..	
3								lt bl GY	
4								lt gn GY	
5								..	
6								lt ol GN	
7								gn GY	
8								..	
9									
10								PAL	



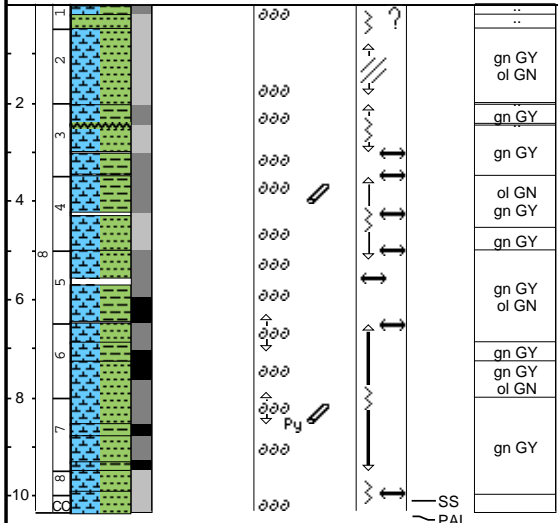
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT</b></p> <p>General Description:                      The core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), gray (N5), and grayish olive (10Y 4/2) NANNOFOSSIL-CLAY MIXED SEDIMENT (in some intervals with silt) interbedded with greenish gray to light gray (N7) CLAYEY NANNOFOSSIL OOZE, light gray NANNOFOSSIL OOZE, brownish gray (5YR 4/1) to brown CLAY WITH SILT, dark brownish gray (5YR 3/1 NANNOFOSSIL CLAY, and dark greenish gray to grayish red (10R 4/2) CLAY. Shell fragments are common throughout the core.</p>
2							gn GY		
3							lt gn GY ..		
4							gn GY ol GN ..		
5							lt gn GY ..		
6							gn GY ..		
7							gn GY ol GN gn GY lt GY dk br GY		
8							BR		
9							SS SS		
10									

Site 1056 Hole C Core 8H

Cored 62.3-71.8 mbsf

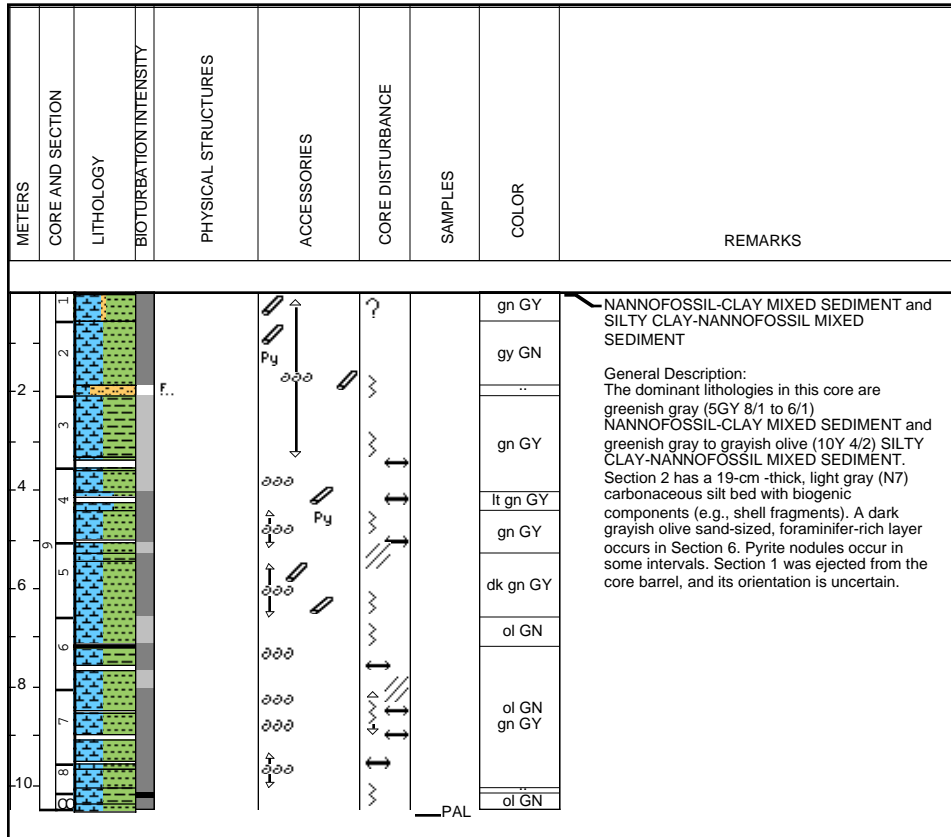
1056C-8H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT</b></p> <p>General Description:                      The dominant lithologies in this core are greenish gray (5GY 6/1) and grayish olive (10Y 4/2) NANNOFOSSIL-CLAY MIXED SEDIMENT and SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT. These are interbedded with pale red (10R 6/2) CLAY and light greenish gray NANNOFOSSIL CLAY WITH SILT. In Section 3, a coarser-grained bed occurs consisting of a sand and silt layer with foraminifers and shell debris, with a scoured lower contact. Shell fragments are abundant throughout the core. Section 1 was ejected from the core barrel, and its orientation is uncertain.</p>
2							gn GY ol GN		
3							gn GY		
4							ol GN gn GY		
5							gn GY		
6							gn GY ol GN		
7							gn GY gn GY ol GN		
8							gn GY		
9									
10									



NANNOFOSSIL-CLAY MIXED SEDIMENT and SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT

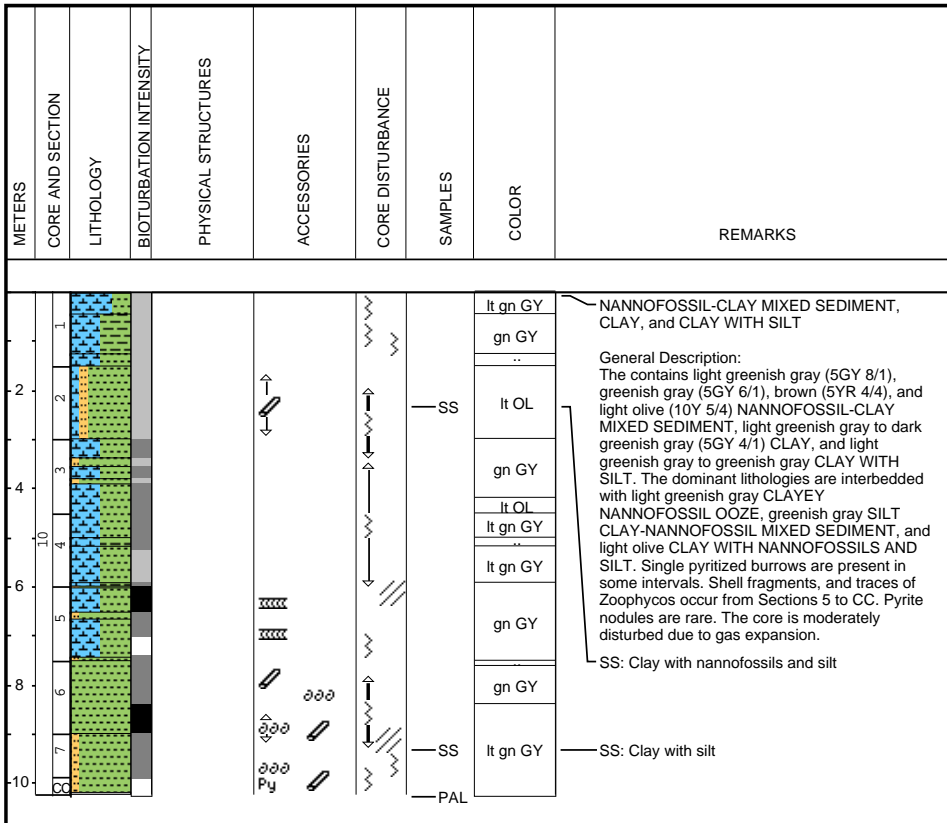
General Description:  
 The dominant lithologies in this core are greenish gray (5GY 6/1) and grayish olive (10Y 4/2) NANNOFOSSIL-CLAY MIXED SEDIMENT and SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT. These are interbedded with pale red (10R 6/2) CLAY and light greenish gray NANNOFOSSIL CLAY WITH SILT. In Section 3, a coarser-grained bed occurs consisting of a sand and silt layer with foraminifers and shell debris, with a scoured lower contact. Shell fragments are abundant throughout the core. Section 1 was ejected from the core barrel, and its orientation is uncertain.



Site 1056 Hole C Core 10H

Cored 81.3-90.8 mbsf

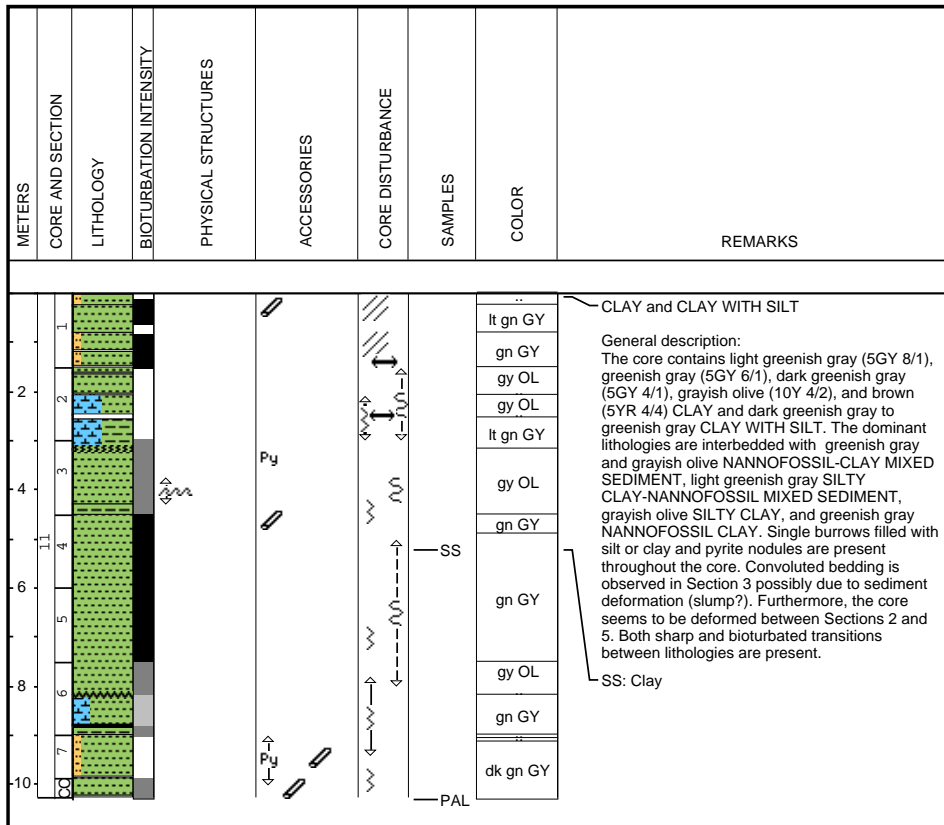
1056C-10H



Site 1056 Hole C Core 11H

Cored 90.8-100.3 mbsf

1056C-11H



Site 1056 Hole C Core 12H

Cored 100.3-109.8 mbsf

1056C-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1							lt gn GY	<p>CLAY</p> <p>General Description: The core consists of light greenish gray (5GY 8/1), greenish gray (5GY 6/1), dark greenish gray (5GY 4/1), light olive gray (5Y 6/1), and olive gray grayish olive (10Y 4/2) CLAY interbedded with greenish gray and olive gray CLAY WITH SILT. Single burrows filled with clay or silt, shell fragments, and pyrite nodules occur throughout the entire core.</p>
0.2	2						gn GY		
0.4	3						med gy OL		
0.6	4						gn GY lt ol GY		
0.8	5						lt ol GY	SS: Clay	
1.0	6						gy OL		
1.2	7						gy OL		
1.4	8						gn GY ol GY	SS: Clay with silt	
1.6	9						dk gn GY		
1.8	10						PAL		

Site 1056 Hole C Core 13H

Cored 109.8-119.3 mbsf







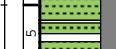

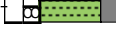
1056C-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
								gy OL gn GY gy OL gn GY gy OL gn GY SS gn GY	<p>CLAY</p> <p>General Description:                      The core contains greenish gray (5GY 6/1) and grayish olive (10Y 4/2) CLAY interbedded with greenish gray and grayish olive CLAY WITH SILT. At the top of Section 5, a pale yellowish brown (10YR 6/2) CLAY is interbedded with layers of silt with foraminifers. The lower boundary is scoured. Burrows and shell debris are rare. Some lithologic contacts are sharp.</p> <p>SS: Clay</p> <p>PAL</p>

Site 1056 Hole C Core 14H

Cored 119.3-126.3 mbsf

1056C-14H

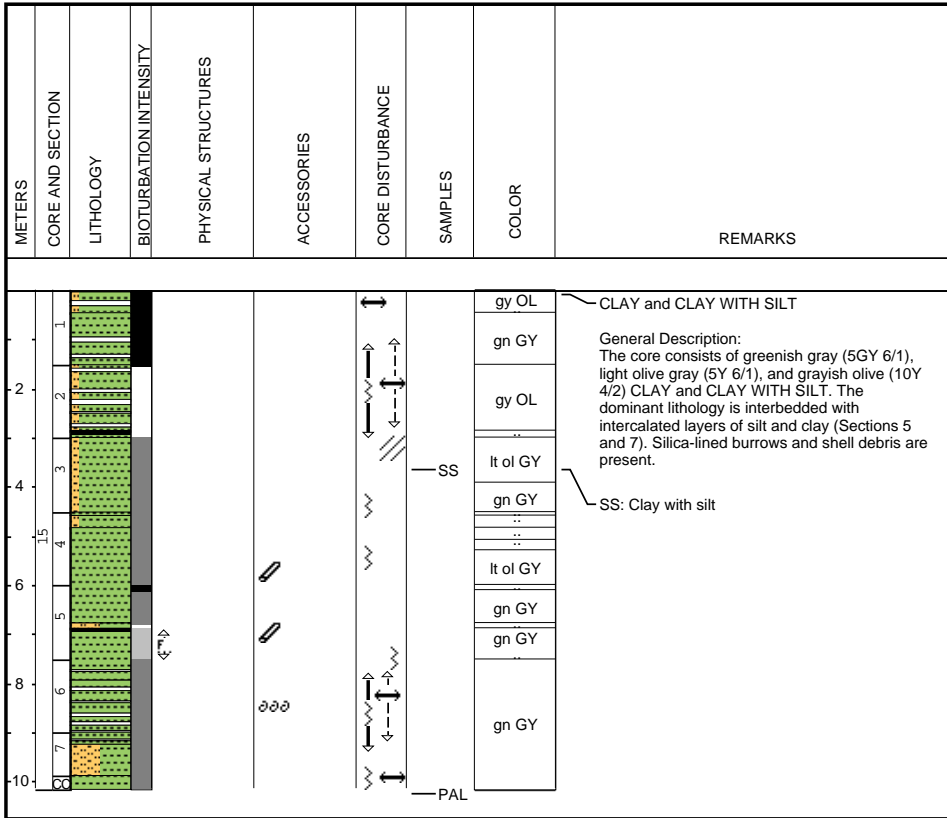
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p>CLAY</p> <p>General Description: The core contains greenish gray (5GY 6/1) CLAY interbedded with light greenish gray (5GY 8/1) to greenish gray CLAY WITH SILT. Burrows filled with spicules occur in Section 3.</p> <p>SS: Clay with silt</p>
2								lt gn GY	
3								gn GY	
4									
5									
6									
7									
8									
									



Site 1056 Hole C Core 15H

Cored 126.3-135.8 mbsf

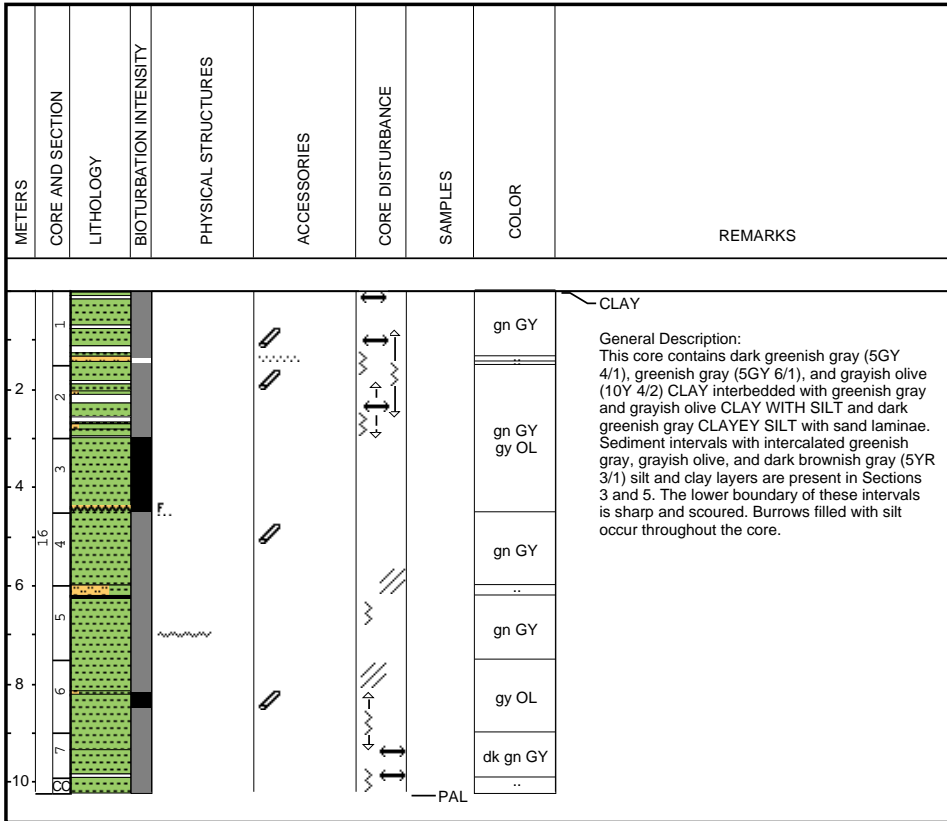
1056C-15H



Site 1056 Hole C Core 16H

Cored 135.8-145.3 mbsf

1056C-16H



METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p>CLAY</p> <p>General Description:                      This core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), and grayish olive (10Y 4/2) CLAY interbedded with greenish gray CLAY WITH SILT and SILT. An interval of intercalated greenish gray silt and clay occurs in Section 2. Pyrite nodules and burrows are present in Section 6. Between Sections 2 and 6, the sediment is possibly deformed by slumping(?).</p>
2							gy OL		
3							gn GY		
4							lt gn GY		
5								gn GY	
6									
7									
8									
9									
10									



Site 1056 Hole D Core 2H

Cored 7.8-17.3 mbsf

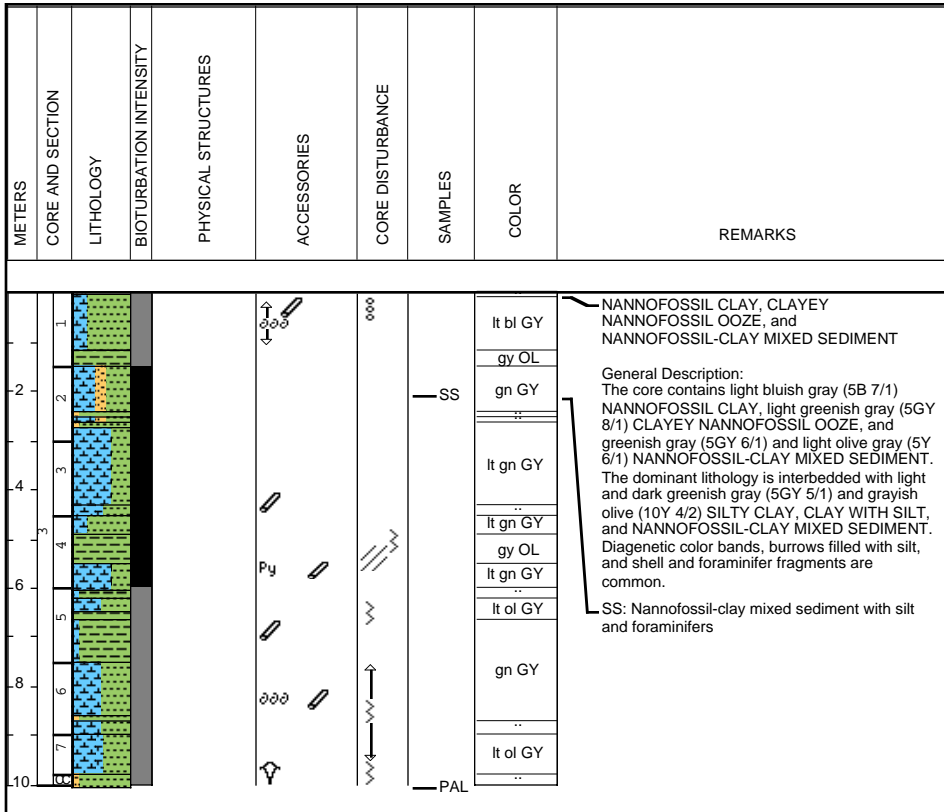
1056D-2H

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 light olive gray (5Y 6/1) CLAY WITH SILT, light greenish gray (5GY 8/1) and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS, and greenish gray (5GY 6/1) NANNOFOSSIL CLAY. The main lithology is interbedded with greenish gray SILTY CLAY, light greenish gray CLAY WITH NANNOFOSSILS AND SILT, and light brownish gray (5YR 6/1) CLAY with foraminifer-rich silt layers. All transitions are gradational, except in Section 5 where one boundary between lithologies is scoured (erosional contact). In Section 5 pteropods tests are common. Section 6 contains pyritized burrows and Section 7 has sparse shell fragments.</p> <p>SS: Silty clay SS: Clay with nannofossils and silt</p>
2							It ol GY		
3							It gn GY		
4							SS gn GY		
5							It gn GY		
6							SS gn GY		
7							It br GY		
8							gn GY		
9							gn GY		
10							gn GY		
11							PAL		

Site 1056 Hole D Core 3H

Cored 17.3-26.8 mbsf

1056D-3H



Site 1056 Hole D Core 4H

Cored 26.8-36.3 mbsf

1056D-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								mdk gn GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and CLAYEY NANNOFOSSIL OOZE</b></p> <p>General Description:                      This core contains greenish gray (5GY 6/1), light bluish gray (5B 7/1), and grayish olive (10Y 4/2) NANNOFOSSIL-CLAY MIXED SEDIMENT and light greenish gray (5GY 8/1) CLAYEY NANNOFOSSIL OOZE. The main lithology is interbedded with medium dark greenish gray (5GY 5/1) CLAY WITH SILT and greenish gray (5GY 5/1) CLAY WITH SILT and greenish gray SILTY CLAY WITH NANNOFOSSILS. In some intervals the NANNOFOSSIL-CLAY MIXED SEDIMENT beds contain silt and foraminifers. Color mottling is abundant in this core. Burrows are common in Sections 1 to 3.</p> <p>SS: Silty clayey nannofossil ooze</p>
2								gy OL	
3								gn GY	
4								lt gn GY	
5								gn GY	
6								lt gn GY	
7								gn GY	
8									

Site 1056 Hole D Core 5H

Cored 36.3-45.8 mbsf

1056D-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1					∅∅∅	///		gn GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT and CLAYEY NANNOFOSSIL OOZE</b></p> <p>General Description:                      This core contains greenish gray (5GY 6/1) NANNOFOSSIL-CLAY MIXED SEDIMENT and light greenish gray (5GY 8/1) CLAYEY NANNOFOSSIL OOZE. The main lithology is interbedded with greenish gray SILTY CLAY WITH NANNOFOSSILS and SILTY CLAY-NANNOFOSSIL MIXED SEDIMENT. The core is marked by green and purple color banding probably of diagenetic origin. Throughout the core, shell fragments and burrows filled with silt and foraminifers are common. In Section 2, the trace fossil Zoophycos is abundant. All transitions are gradational except the sharp boundary between NANNOFOSSIL-CLAY MIXED SEDIMENT and CLAYEY NANNOFOSSIL OOZE in Section 2.</p>
2					∞∞∞		vlt gn GY		
3					∅∅∅		lt gn GY		
4					∅∅∅		gn GY		
5					∅∅∅		gn GY pal PK		
6					∅∅∅		gn GY		
7					∅∅∅		gn GY		
8					∅∅∅	///			
9					∅∅∅	///			
10					∅∅∅	///			

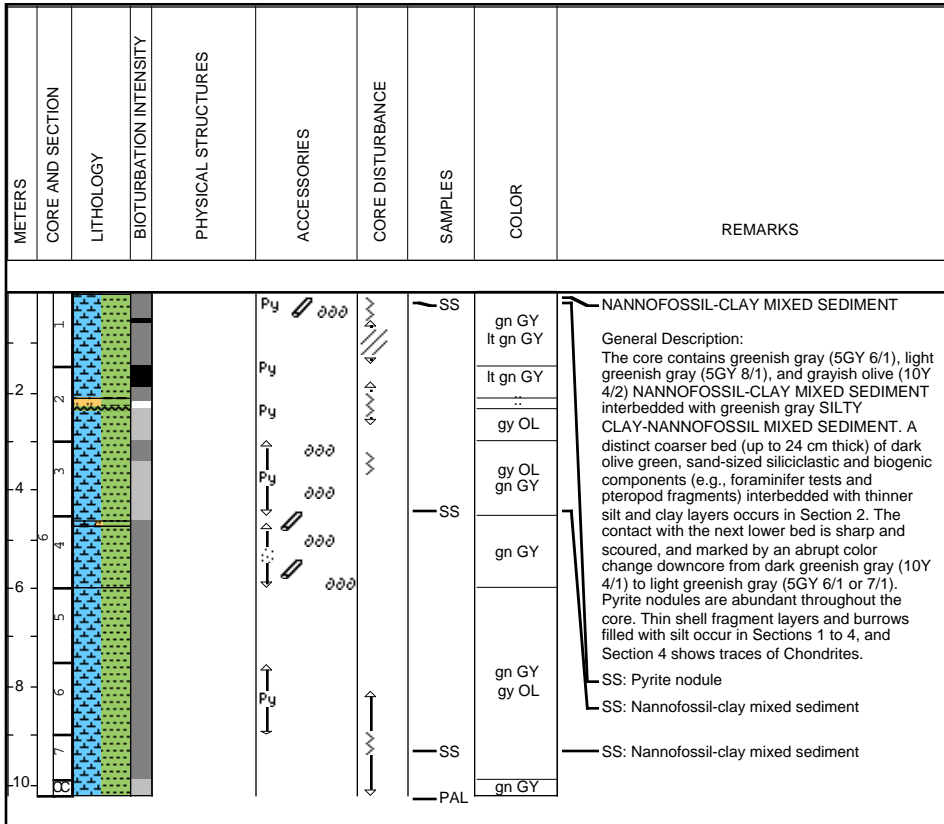
— PAL



Site 1056 Hole D Core 6H

Cored 45.8-55.3 mbsf

1056D-6H

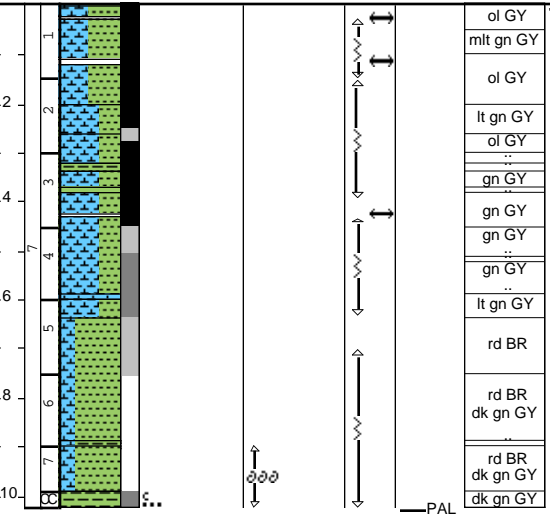


Site 1056 Hole D Core 7H

Cored 55.3-64.8 mbsf

1056D-7H

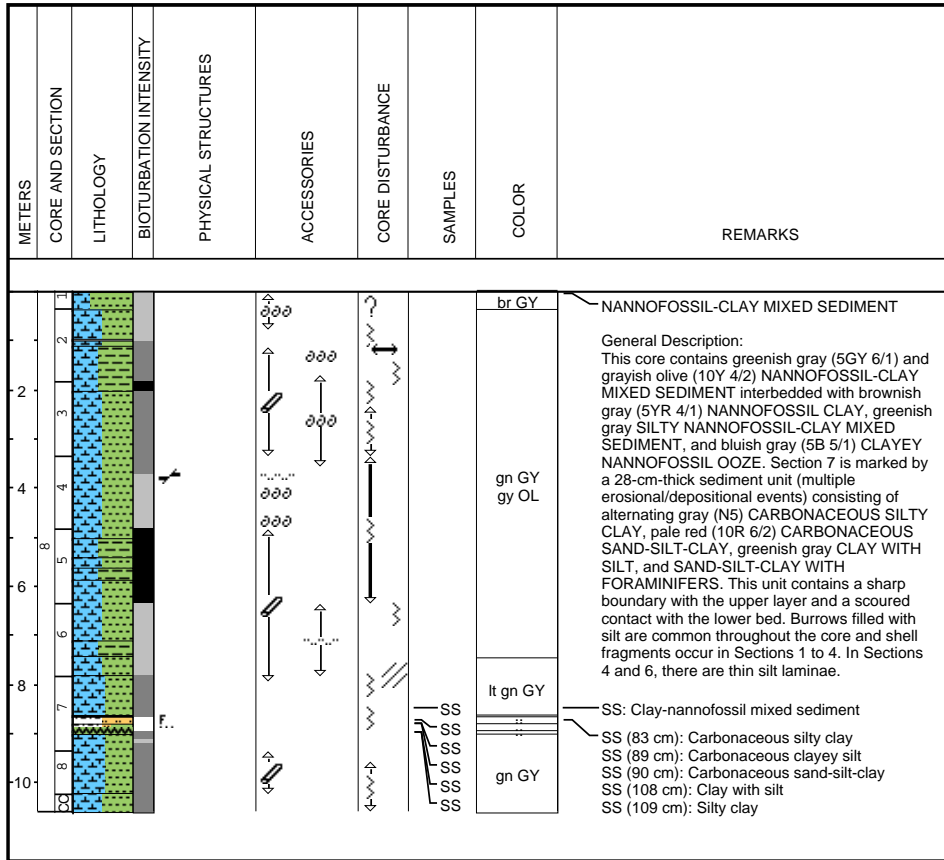
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								ol GY	<p><b>NANNOFOSSIL-CLAY MIXED SEDIMENT, CLAYEY NANNOFOSSIL OOZE, and NANNOFOSSIL CLAY</b></p> <p>General Description:                      The core consists of greenish gray (5GY 6/1) and olive gray (5Y 6/1) NANNOFOSSIL-CLAY MIXED SEDIMENT, light greenish gray (5GY 8/1) to greenish gray CLAYEY NANNOFOSSIL OOZE and reddish brown (5YR 4/1) and dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY. The dominant lithology is interbedded with thin beds of light greenish gray NANNOFOSSIL OOZE, brownish gray (5YR 4/1) and dark greenish gray SILTY CLAY and NANNOFOSSIL CLAY. Diagenetic color banding (green and purple) is common. Shell fragments occur in Section 7 and CC. The whole core is moderately disturbed due to gas expansion.</p>
2							mlt gn GY		
3							ol GY		
4							lt gn GY		
5							ol GY		
6							gn GY		
7							gn GY		
8							gn GY		
9							lt gn GY		
10							rd BR		
							rd BR		
							dk gn GY		
							rd BR		
							dk gn GY		
							dk gn GY		



Site 1056 Hole D Core 8H

Cored 64.8-74.3 mbsf

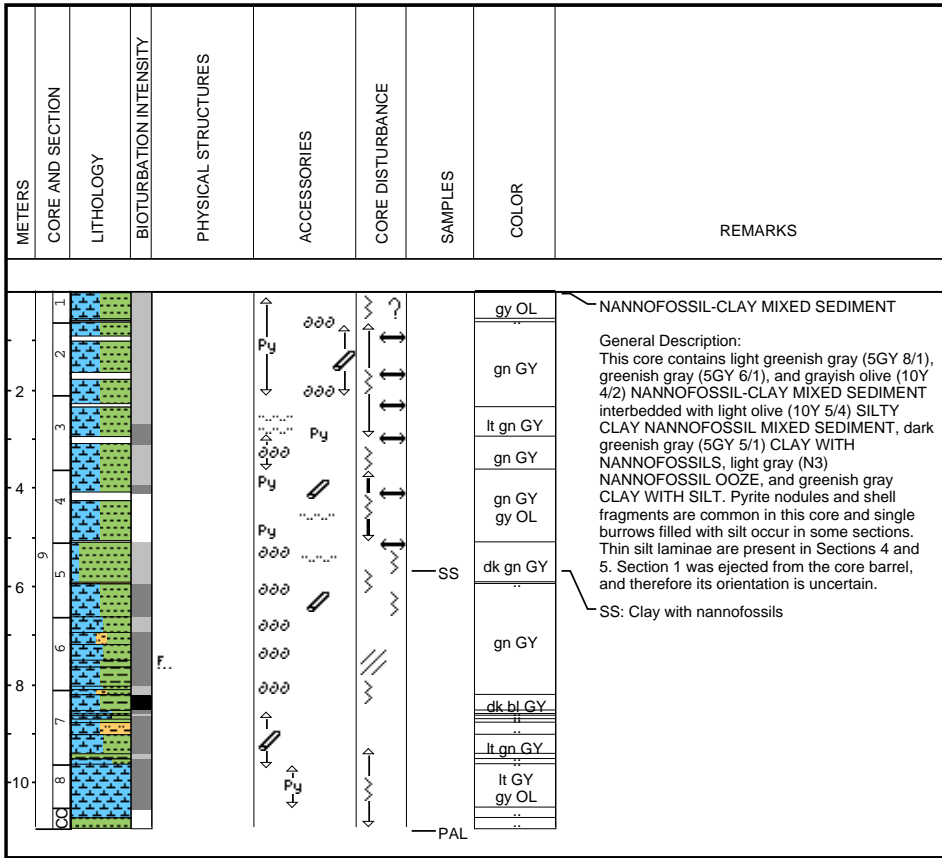
1056D-8H

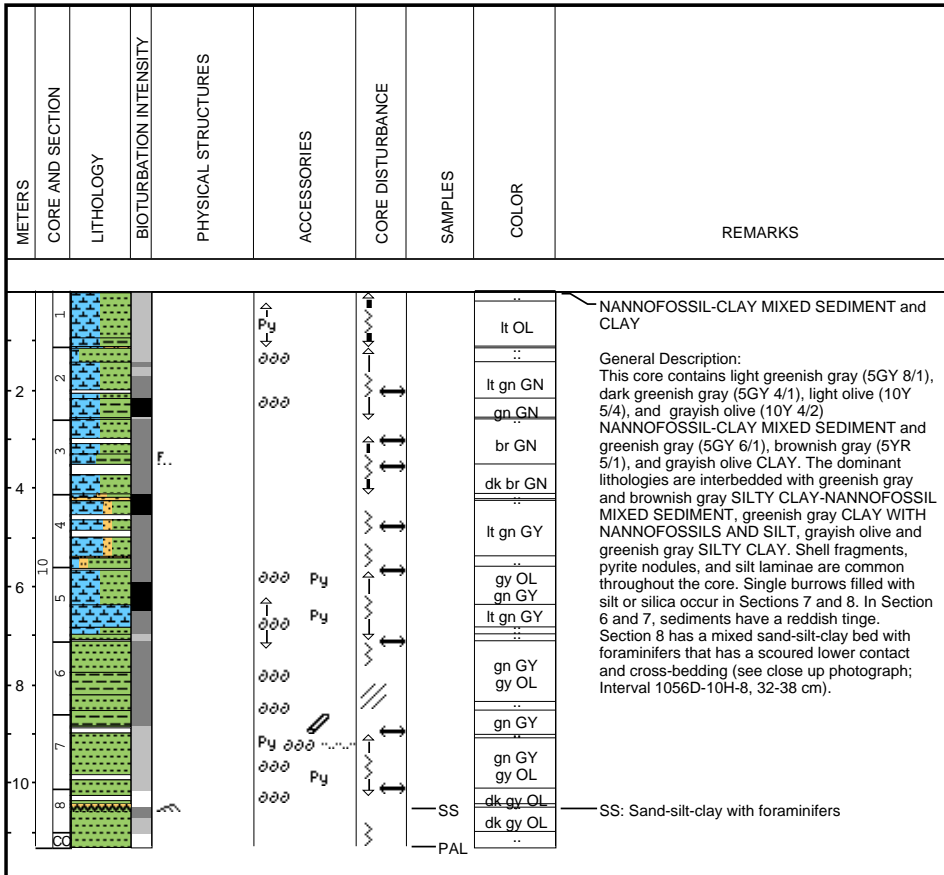


Site 1056 Hole D Core 9H

Cored 74.3-83.8 mbsf

1056D-9H



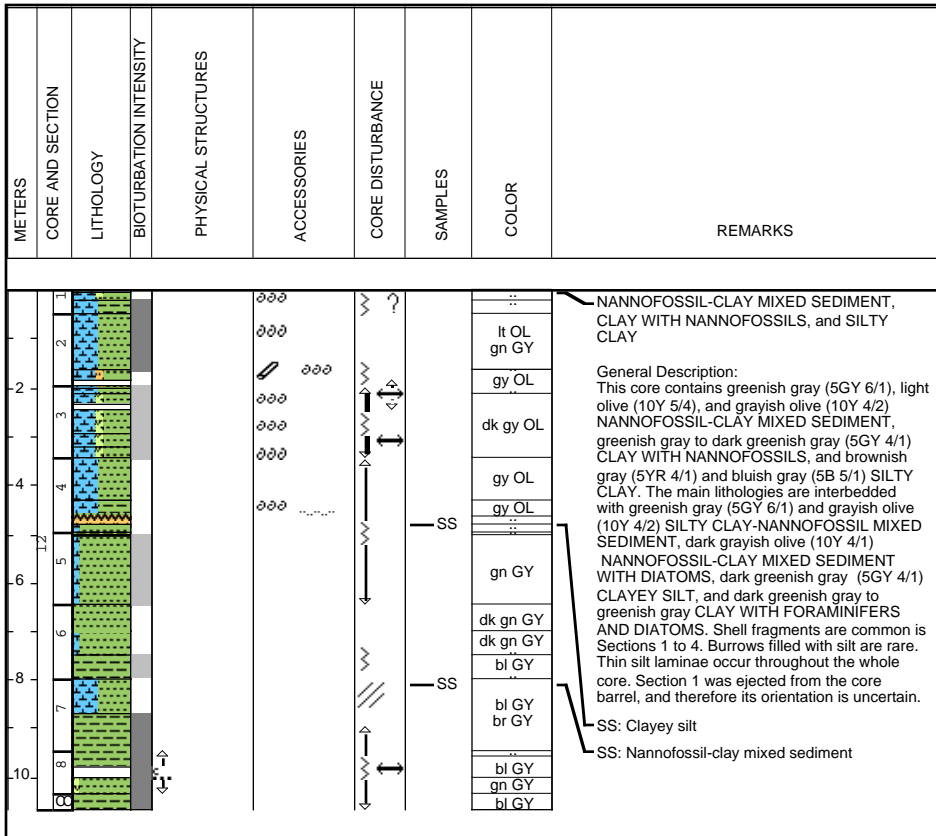




Site 1056 Hole D Core 12H

Cored 102.8-112.3 mbsf

1056D-12H



Site 1056 Hole D Core 13H

Cored 112.3-121.8 mbsf

1056D-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p>CLAY and NANNOFOSSIL-CLAY MIXED SEDIMENT WITH DIATOMS</p> <p>General Description:                      This core contains greenish gray (5GY 6/1), dark greenish gray (5GY 4/1), brown (5YR 3/4), grayish olive (10Y 4/2), and bluish gray (5B 5/1) CLAY and medium dark greenish gray (5GY 5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT WITH DIATOMS. Pyrite nodules, shell fragments, silt laminae, and burrows filled with silt and silica occur throughout the core.</p>
2								bl GY BR	
3								gn GY	
4								gn GY	
5								gn GY gy OL	
6								dk gn GY gy OL	
7								..	
8									
9									
10									