

Site 1058 Hole A Core 1H

Cored 0.0-9.5 mbsf

1058A-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0	1	Clay with nannofossils, nannofossil clay, and clayey silt						ol GY	CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAYEY SILT
0.5	2	Clay with nannofossils, nannofossil clay, and clayey silt						SS	<p>General Description: This core contains dark olive gray (5Y 4/1) CLAY WITH NANNOFOSSILS with 1-cm-thick greenish layers, light brownish gray (5YR 6/1) NANNOFOSSIL CLAY, and light brownish gray (5YR 6/1) CLAYEY SILT. Dark greenish or black colored layers that are 5-10 cm thick occur in Sections 2 to 6.</p> <p>SS: Clay with nannofossils SS:Nannofossil clay SS: Clayey silt</p>
1.0	3	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
1.5	4	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
2.0	5	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
2.5	6	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
3.0	7	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
3.5	8	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
4.0	9	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
4.5	10	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
5.0	11	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
5.5	12	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
6.0	13	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
6.5	14	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
7.0	15	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
7.5	16	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
8.0	17	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
8.5	18	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
9.0	19	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
9.5	20	Clay with nannofossils, nannofossil clay, and clayey silt						SS	
								IW	
								mlt ol GY	
								ol GY	The burrow is filled with siliceous materials. SS: Clay with nannofossils
								PAL	

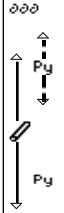
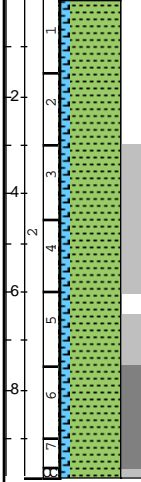


Site 1058 Hole A Core 2H

Cored 9.5-19.0 mbsf

1058A-2H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0	1							ol GY	<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: The upper part of this core (Sections 1 to 4) contain olive gray (5Y5/1), greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS with thin diagenetic greenish layers with silt. The lower part is olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS with medium, light greenish gray (5GY 6/1) mottles, and is moderately bioturbated. Disseminate pyrite occurs in Section 5.</p>
2	2							gn GY	
4	3							ol GY	
6	4							gn GY	
8	5							ol GY	
10	6							mlt gn GY	
12	7								
									<p>IW — Sediments in sections 6, 7, and CC include silt-sized biogenic materials. The coarser materials sometimes fill burrows.</p> <p>SS — SS: Clay with nannofossils</p> <p>PAL</p>



CLAY WITH NANNOFOSSILS

General Description:
 The upper part of this core (Sections 1 to 4) contain olive gray (5Y5/1), greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS with thin diagenetic greenish layers with silt. The lower part is olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS with medium, light greenish gray (5GY 6/1) mottles, and is moderately bioturbated. Disseminate pyrite occurs in Section 5.

IW — Sediments in sections 6, 7, and CC include silt-sized biogenic materials. The coarser materials sometimes fill burrows.

SS — SS: Clay with nannofossils

PAL

Site 1058 Hole A Core 3H

Cored 19.0-28.5 mbsf

1058A-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS, CLAY WITH NANNOFOSSILS AND SILT, and SILTY CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains medium-light greenish gray (5GY 6/1-5/1) and olive gray (reddish brownish gray) (5Y 5/1) CLAY WITH NANNOFOSSILS, medium-light greenish gray (5GY 6/1-5/1) CLAY WITH NANNOFOSSILS AND SILT, and greenish gray and olive gray SILTY CLAY WITH NANNOFOSSILS, which accompany thin green diagenetic layers. Pyrite nodules and shell fragments are common. Light greenish gray (5GY 6/1-5/1) CLAY WITH NANNOFOSSILS is moderately to heavily bioturbated and has bluish gray and olive gray mottling. Burrows are sometimes filled with silt-sized biogenic material.</p> <p>SS: Clay with nannofossils</p>
1								mit gn GY	
2								lt gn GY	
3								mit gn GY	
4								SS	
5								DCP	
6								ol GY	
7								IW SMP	
8								mit gn GY	
								PAL	

Site 1058 Hole A Core 4H

Cored 28.5-38.0 mbsf

1058A-4H

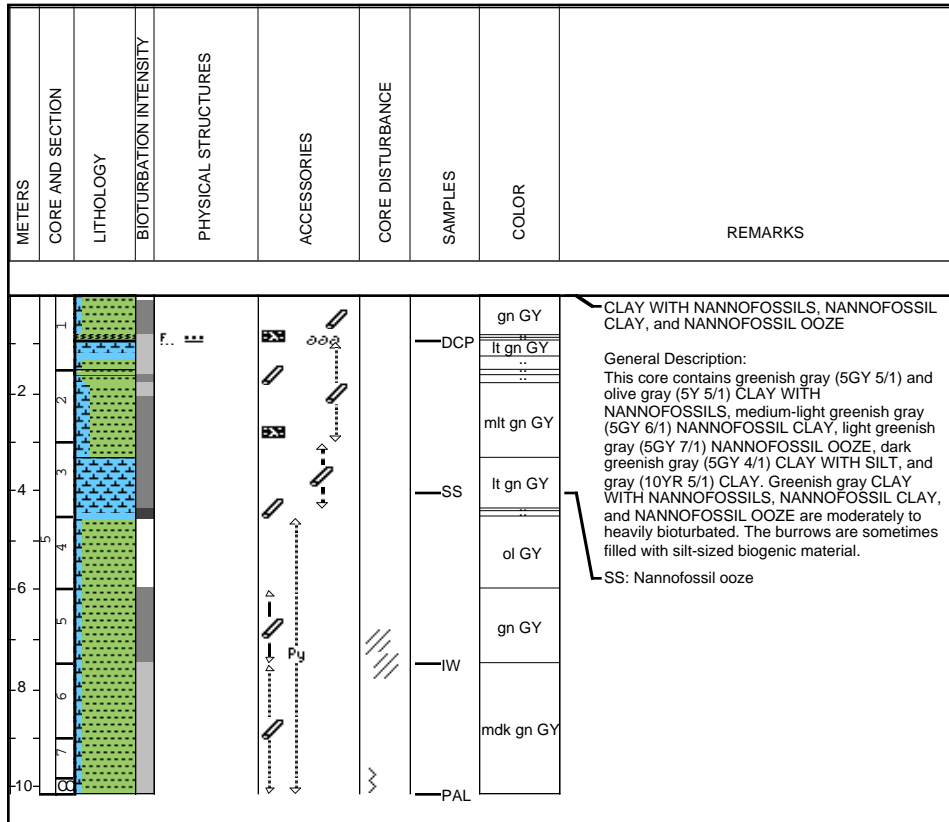
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

0-1	SS	ol GY	CLAY WITH NANNOFOSSILS
1-2	SS	..	<p>General Descriptions: This core contains olive gray (5Y 5/1) and greenish gray (10Y 5/1, 5GY 5/1), and medium-light greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS with olive gray mottling. Light greenish gray CLAY WITH NANNOFOSSILS is moderately to heavily bioturbated, and burrows are sometimes filled with fine sand-sized foraminifers. Pyrite nodules are common in the olive green part of the core.</p>
2-3	SS	mlt gn GY	
3-4	SS	..	
4-5	SS	ol GY	<p>Sand-sized foraminifers Sand-sized foraminifers SS: Clay with nannofossils Sand-sized foraminifers</p>
5-6	SS	mlt gn GY	
6-7	DCP	ol GY	<p>Sand-sized foraminifers SS: Clay with nannofossils</p>
7-8	SS IW	..	
8-9		dk ol GY	
9-10	PAL	..	

Site 1058 Hole A Core 5H

Cored 38.0-47.5 mbsf

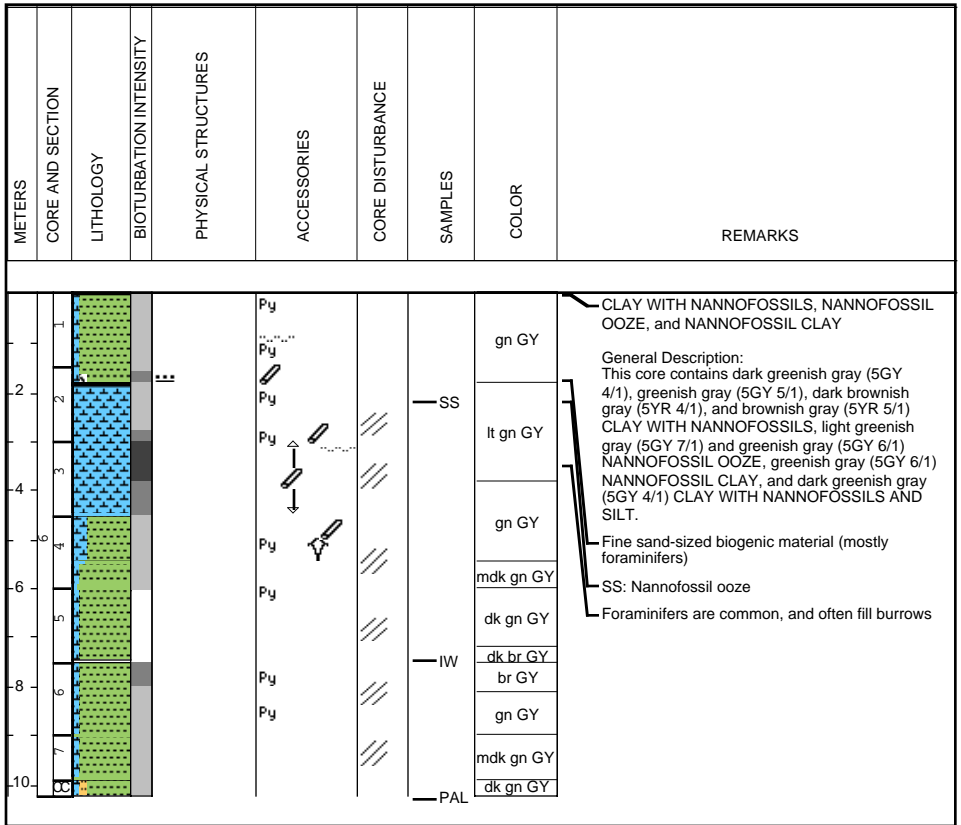
1058A-5H



Site 1058 Hole A Core 6H

Cored 47.5-57.0 mbsf

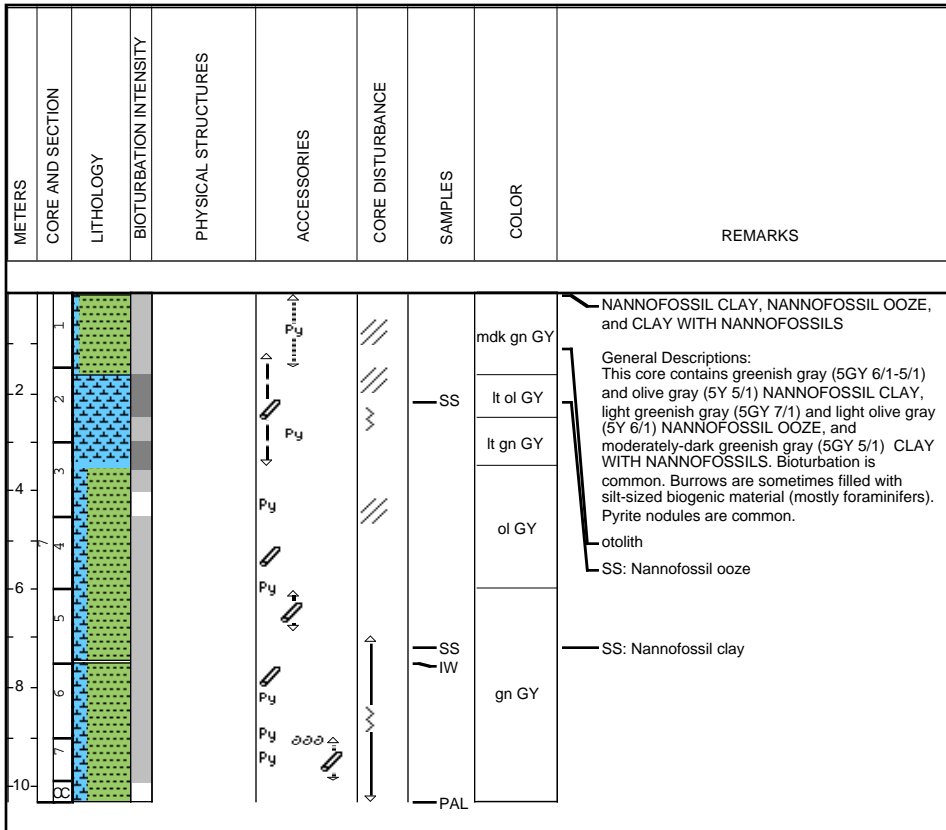
1058A-6H



Site 1058 Hole A Core 7H

Cored 57.0-66.5 mbsf

1058A-7H



Site 1058 Hole A Core 9H

Cored 76.0-85.5 mbsf

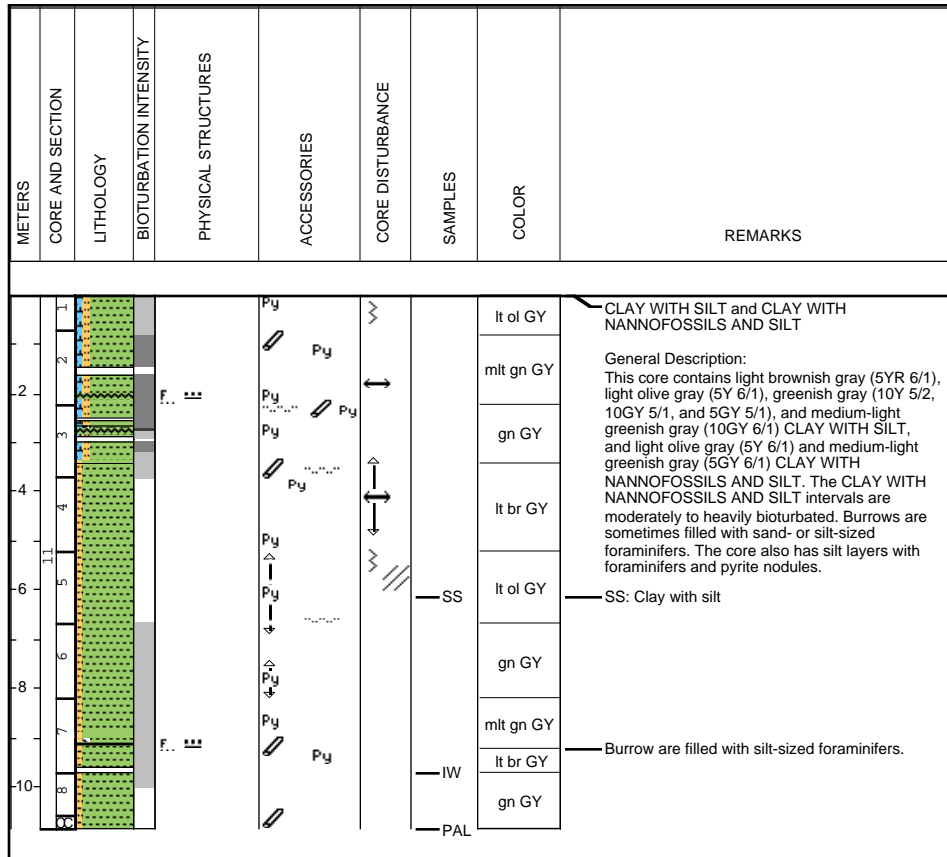
1058A-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p>CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (10GY 5/1, 10Y 5/2), light brownish (5YR 6/1), and light olive gray (5Y 6/1) CLAY WITH NANNOFOSSILS. Silt layers are common. Some burrows are filled with silt or sand.</p>
2								lt br GY	
3								lt ol GY	
4								gn GY	
5								gn GY	
6								gn GY	
7								gn GY	
8								gn GY	
9								gn GY	
10								gn GY	

Site 1058 Hole A Core 11H

Cored 95.0-104.5 mbsf

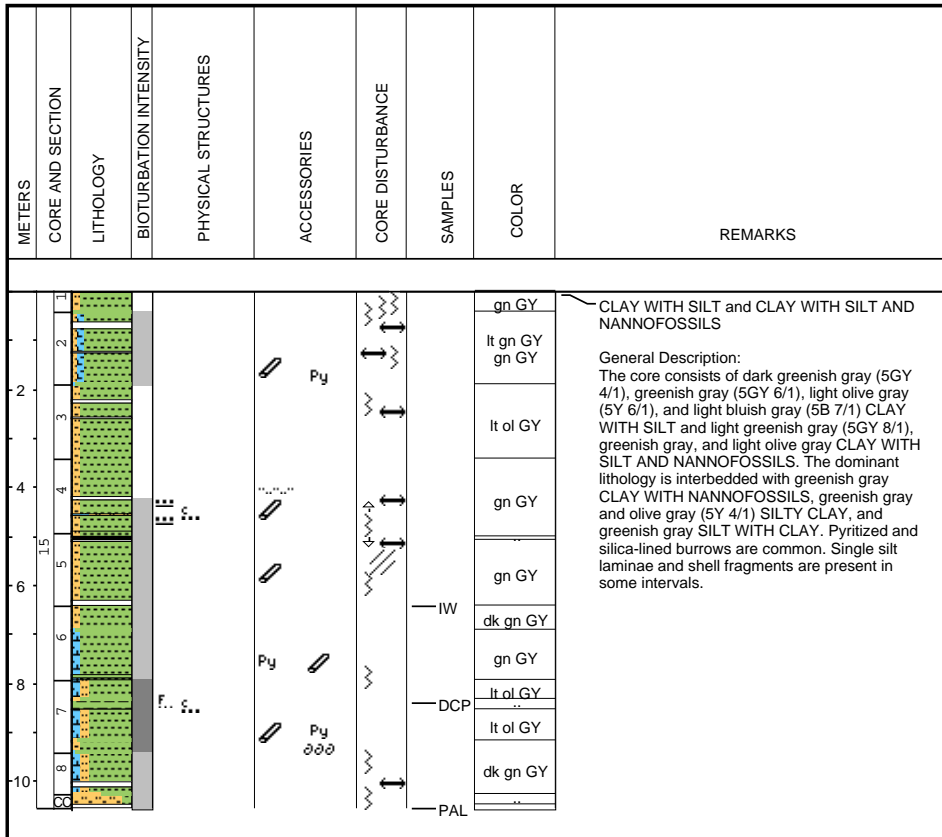
1058A-11H



Site 1058 Hole A Core 15H

Cored 133.0-142.5 mbsf

1058A-15H



Site 1058 Hole A Core 16H

Cored 142.5-152.0 mbsf

1058A-16H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1 2 3 4 5 6 7 8 10	16							dk gn GY gn GY dk gn GY gn GY gn GY ol GY dk gn GY gn GY gn GY	<p>CLAY WITH SILT</p> <p>General Description: The core contains dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), and olive gray (5Y 4/1) CLAY WITH SILT interbedded with greenish gray SILTY CLAY, dark greenish gray CLAY WITH SILT AND NANNOFOSSILS, greenish gray CLAY WITH NANNOFOSSILS, and olive gray CLAYEY SILT. Pyritized and silica-lined burrows are common throughout. Single shell fragments and silt laminae are present in Section 6.</p>

Site 1058 Hole B Core 1H

Cored 0.0-6.0 mbsf

1058B-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH SILT AND NANNOFOSSILS, and CLAY WITH SILT.</p> <p>General Description: This core contains light olive gray (5Y 6/1), light brownish gray (5YR 6/1), and brownish gray (5YR 4/1) CLAY WITH SILT AND NANNOFOSSILS and brownish gray (5YR 4/1) CLAY WITH SILT. Open burrows are observed, but rare. Dark greenish layers (1-2 cm thick) are common in CLAY WITH SILT.</p> <p>SS: Clay with silt and nannofossils</p> <p>SS: Clay with silt</p>
1								lt ol GY	
2									
3									
4								br GY	
5									
6									

Site 1058 Hole B Core 3H

Cored 15.5-25.0 mbsf

1058B-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								lt ol GY	<p>CLAY WITH SILT AND NANNOFOSSILS and CLAY WITH SILT</p> <p>General Description: This core contains light olive gray (5Y 6/1) and dark greenish gray (5GY 4/1) CLAY WITH SILT and light greenish gray (5GY 8/1) and greenish gray (5GY 6/1) CLAY WITH SILT AND NANNOFOSSILS, which is moderately to heavily bioturbated. Burrows are sometimes filled with silt-sized biogenic material. Pyrite nodules are rare.</p> <p>SS: Clay with silt and nannofossils</p>
2								gn GY	
3								lt gn GY	
4								gn GY	
5									
6									
7									
8									
9									
10								dk gn GY	

Site 1058 Hole B Core 4H

Cored 25.0-34.5 mbsf

1058B-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
10									<p>CLAY WITH SILT</p> <p>General Description: This core contains pale red (5R 6/2), light brownish gray (5YR 6/1), greenish gray (5GY 6/1, 10GY 6/1, 10Y 6/1, 10Y 6/2, 10Y 5/2, 10Y5/1, and 5GY5/1), and light greenish gray (5GY 8/1 and 10GY 7/1) CLAY WITH SILT. The light greenish gray part is moderately to heavily bioturbated and has greenish gray mottles. Burrows are sometimes filled with silt-sized biogenic material.</p>
8								pal RD	
6								lt br GY	
4								gn GY	
2								lt gn GY	
1								gn GY	
0								lt gn GY	
								gn GY	
								lt gn GY	
								gn GY	

Silt beds with foraminifers

PAL

Site 1058 Hole B Core 5H

Cored 34.5-44.0 mbsf

1058B-5H

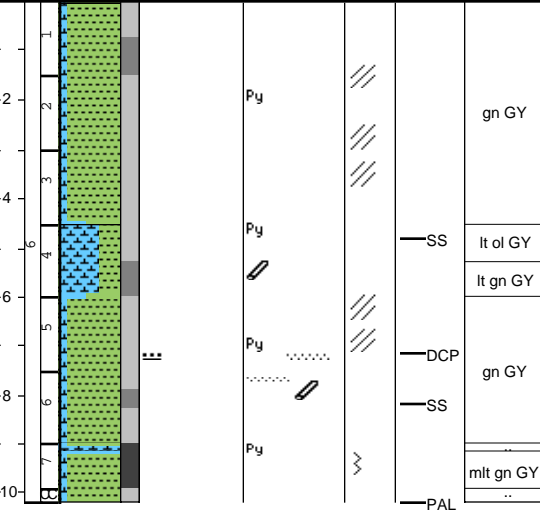
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAYEY NANNOFOSSIL OOZE.</p> <p>General Description: This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, medium-light greenish gray (5GY 6/1) NANNOFOSSIL CLAY, and light greenish gray (5GY 7/1) NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL OOZE. The NANNOFOSSIL CLAY is moderately to heavily bioturbated and mottled. Burrows are sometimes filled with silt-sized or sand-sized biogenic material. The NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL OOZE are truncated by silt-sized or sand-sized biogenic material.</p> <p>Heavily bioturbated, silt-sized biogenic material</p> <p>SS: Clay with nannofossils</p> <p>SS: Clayey nannofossil ooze</p>
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Site 1058 Hole B Core 6H

Cored 44.0-53.5 mbsf

1058B-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY WITH NANNOFOSSILS, CLAYEY NANNOFOSSIL OOZE, and NANNOFOSSIL OOZE</p> <p>General Descriptions: This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, light olive gray (5Y 6/1) and light greenish gray (5Y 7/1) CLAYEY NANNOFOSSIL OOZE, and light greenish gray (5Y 7/1) NANNOFOSSIL OOZE. CLAYEY NANNOFOSSIL OOZE and NANNOFOSSIL OOZE are moderately to heavily bioturbated and mottled with other colors. Burrows are sometimes filled with silt-sized or sand-sized biogenic material. Pyrite nodules are common.</p> <p>SS: Clayey nannofossil ooze</p> <p>Laminae of sharp-based, fine sand-sized and silt-sized biogenic layers and clay layers.</p> <p>Burrow is filled with sand-sized biogenic materials.</p> <p>SS: Clay with nannofossils</p>
1								gn GY	
2								gn GY	
3								gn GY	
4								gn GY	
5								gn GY	
6								gn GY	
7								gn GY	
8								gn GY	
9								gn GY	
10								mit gn GY	



CLAY WITH NANNOFOSSILS, CLAYEY NANNOFOSSIL OOZE, and NANNOFOSSIL OOZE

General Descriptions:
 This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, light olive gray (5Y 6/1) and light greenish gray (5Y 7/1) CLAYEY NANNOFOSSIL OOZE, and light greenish gray (5Y 7/1) NANNOFOSSIL OOZE. CLAYEY NANNOFOSSIL OOZE and NANNOFOSSIL OOZE are moderately to heavily bioturbated and mottled with other colors. Burrows are sometimes filled with silt-sized or sand-sized biogenic material. Pyrite nodules are common.

SS: Clayey nannofossil ooze

Laminae of sharp-based, fine sand-sized and silt-sized biogenic layers and clay layers.

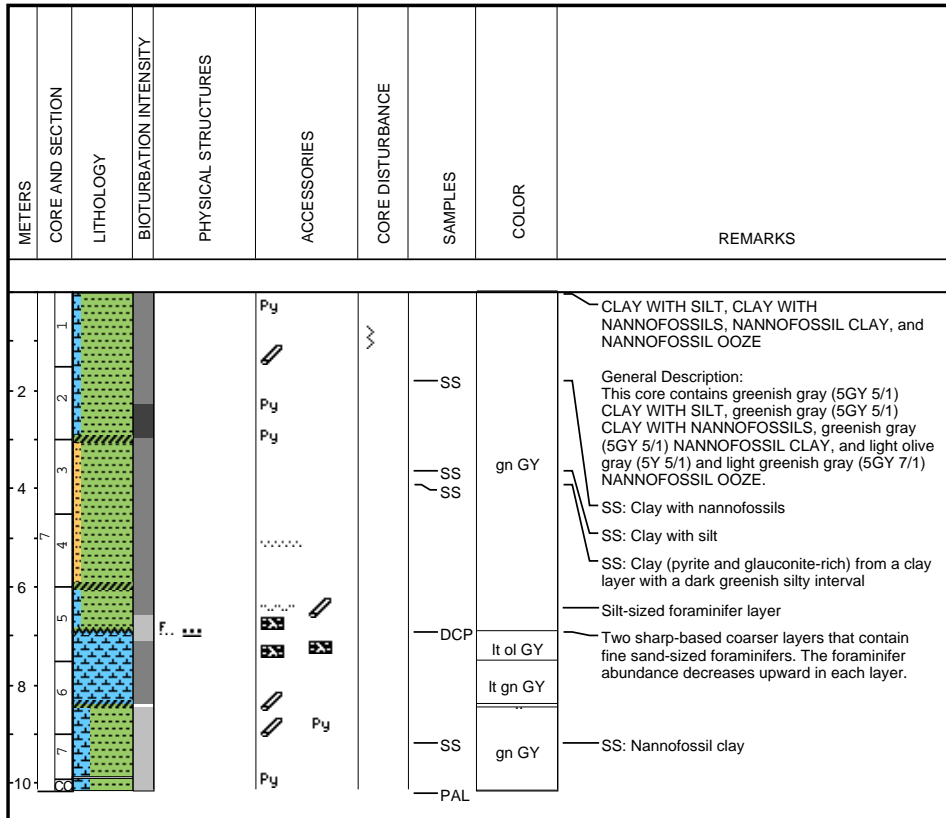
Burrow is filled with sand-sized biogenic materials.

SS: Clay with nannofossils

Site 1058 Hole B Core 7H

Cored 53.5-63.0 mbsf

1058B-7H

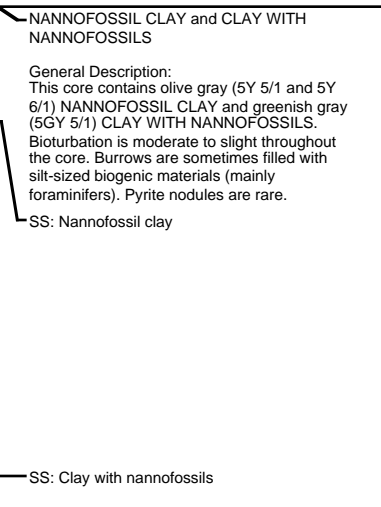
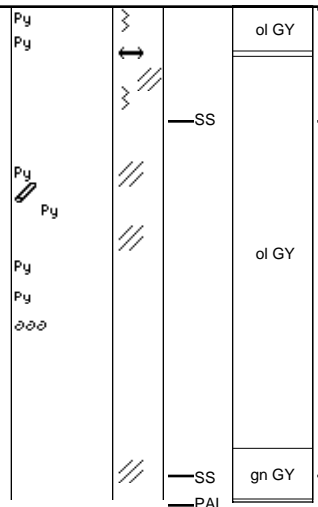
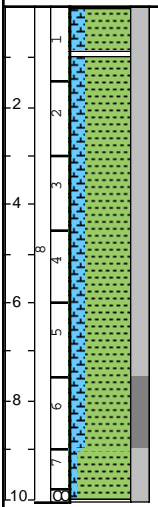


Site 1058 Hole B Core 8H

Cored 63.0-72.5 mbsf

1058B-8H

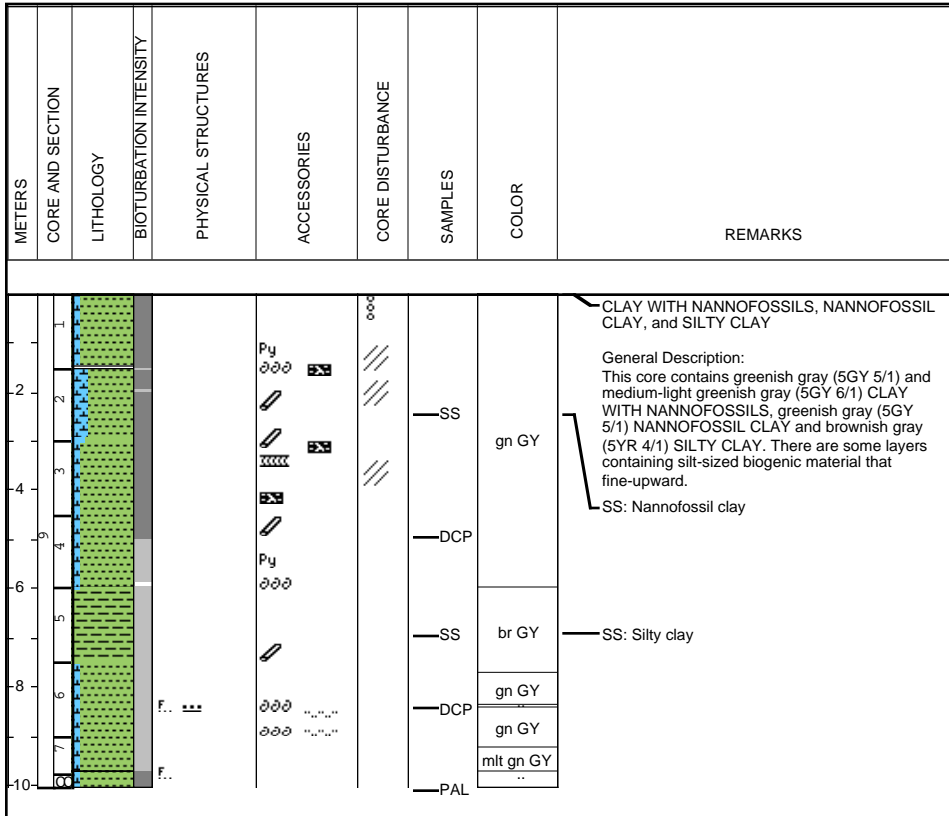
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>NANNOFOSSIL CLAY and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains olive gray (5Y 5/1 and 5Y 6/1) NANNOFOSSIL CLAY and greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. Bioturbation is moderate to slight throughout the core. Burrows are sometimes filled with silt-sized biogenic materials (mainly foraminifers). Pyrite nodules are rare.</p> <p>SS: Nannofossil clay</p> <p>SS: Clay with nannofossils</p>
2								ol GY	
3								SS	
4								ol GY	
5								SS	
6								ol GY	
7								gn GY	
8								SS	
9								PAL	
10									



Site 1058 Hole B Core 9H

Cored 72.5-82.0 mbsf

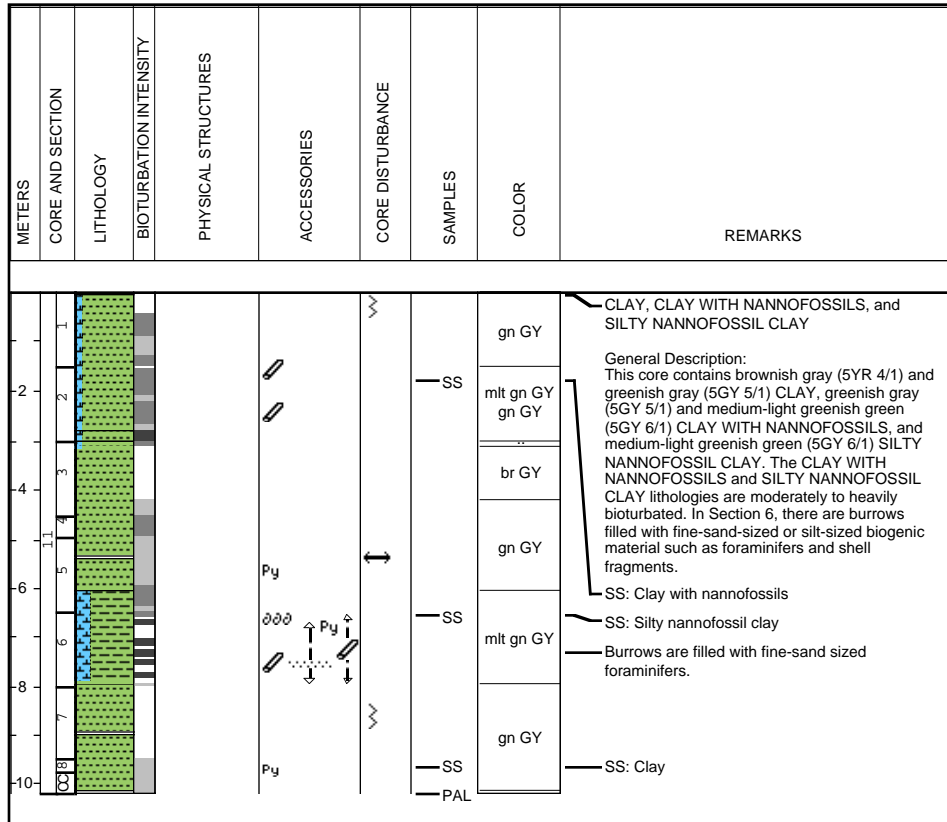
1058B-9H



Site 1058 Hole B Core 11H

Cored 91.5-101.0 mbsf

1058B-11H



Site 1058 Hole B Core 12H

Cored 101.0-110.5 mbsf

1058B-12H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0-2								gn GY	<p>CLAY WITH NANNOFOSSILS, CLAY WITH DIATOMS, AND NANNOFOSSILS and CLAY WITH NANNOFOSSILS AND FORAMINIFERS</p> <p>General Description: This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS and olive gray (5Y 5/1), greenish gray (5GY 5/1) CLAY WITH DIATOMS AND NANNOFOSSILS, and medium-light greenish gray(5GY 6/1) CLAY WITH NANNOFOSSILS AND FORAMINIFERS. CLAY WITH DIATOMS AND NANNOFOSSILS is moderately to heavily bioturbated.</p> <p>SS: Clay with biosilica and nannofossils</p> <p>SS: Silty clay with nannofossils and foraminifers</p>
2-3								ol GY	
3-4								..	
4-4.2								ol GY	
4.2-5								gn GY	
5-6								..	
6-6.5								gn GY	
6.5-7								mlt gn GY	
7-7.2								SS	
7.2-8								..	
8-8.5								..	
8.5-9								..	
9-9.5								..	
9.5-10								..	
10-10.5								..	
10.5-110.5								..	

Site 1058 Hole B Core 13H

Cored 110.5-120.0 mbsf

1058B-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH NANNOFOSSILS, CLAY WITH DIATOMS AND NANNOFOSSILS, NANNOFOSSIL-CLAY MIXED SEDIMENTS WITH DIATOMS, CLAY WITH SILT, and NANNOFOSSIL-CLAY MIXED SEDIMENTS WITH FORAMINIFERS.</p> <p>General Description: This core contains greenish gray 5GY 6/1, 10Y 5/2) CLAY WITH NANNOFOSSILS, dark greenish gray (10Y4/2) CLAY WITH DIATOMS AND NANNOFOSSILS, NANNOFOSSIL-CLAY MIXED SEDIMENTS WITH DIATOMS, greenish gray (10Y 5/2, 10GY 5/1) and light olive gray (5Y 6/1) CLAY WITH SILT, and NANNOFOSSIL-CLAY MIXED SEDIMENTS WITH FORAMINIFERS.</p> <ul style="list-style-type: none"> SS: Nannofossil-clay mixed sediment with foraminifers SS: Silt (quartz) with carbonate grains from a sample from the silt layer. SS: Clay-nannofossil mixed sediment with diatoms
2							SS DCP	dk gn GY	
3							gn GY	gn GY	
4							mit gn GY	mit gn GY	
5							SS	gn GY	
6							SS	gn GY	
7								gn GY	
8								gn GY	
9								gn GY	
10							PAL		

Site 1058 Hole B Core 15H

Cored 129.5-139.0 mbsf

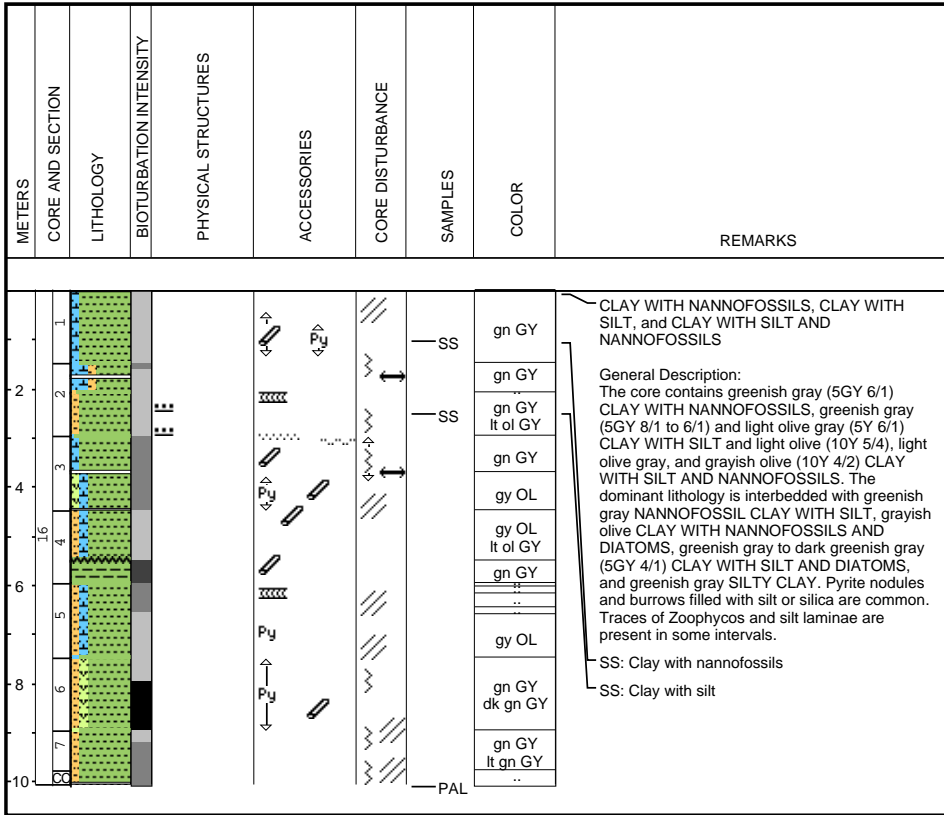
1058B-15H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0 1 2 3 4 5 6								gn GY lt ol GY gy OL gn GY lt bl GY gy OL	<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS AND DIATOMS, CLAY WITH SILT, DIATOMS, AND NANNOFOSSILS, and NANNOFOSSIL-CLAY WITH SILT AND DIATOMS</p> <p>General Description: The core consists of light olive gray (5Y 6/1) to grayish olive (10Y 4/2) CLAY WITH SILT, grayish olive and light bluish gray (5B 7/1) CLAY WITH NANNOFOSSILS AND DIATOMS, greenish gray (5GY 6/1) CLAY WITH SILT, DIATOMS, AND NANNOFOSSILS, and light bluish gray NANNOFOSSIL CLAY WITH SILT AND DIATOMS. The dominant lithology is interbedded with grayish olive CLAY WITH NANNOFOSSILS, SILTY CLAY, and SILT. A sediment interval with alternating greenish gray silt and clay beds occurs in Section 1. The silt beds have scoured sediment contacts and show fining-up sequences. Pyrite nodules and burrows filled with silt or silica and are abundant.</p>

Site 1058 Hole B Core 16H

Cored 139.0-148.5 mbsf

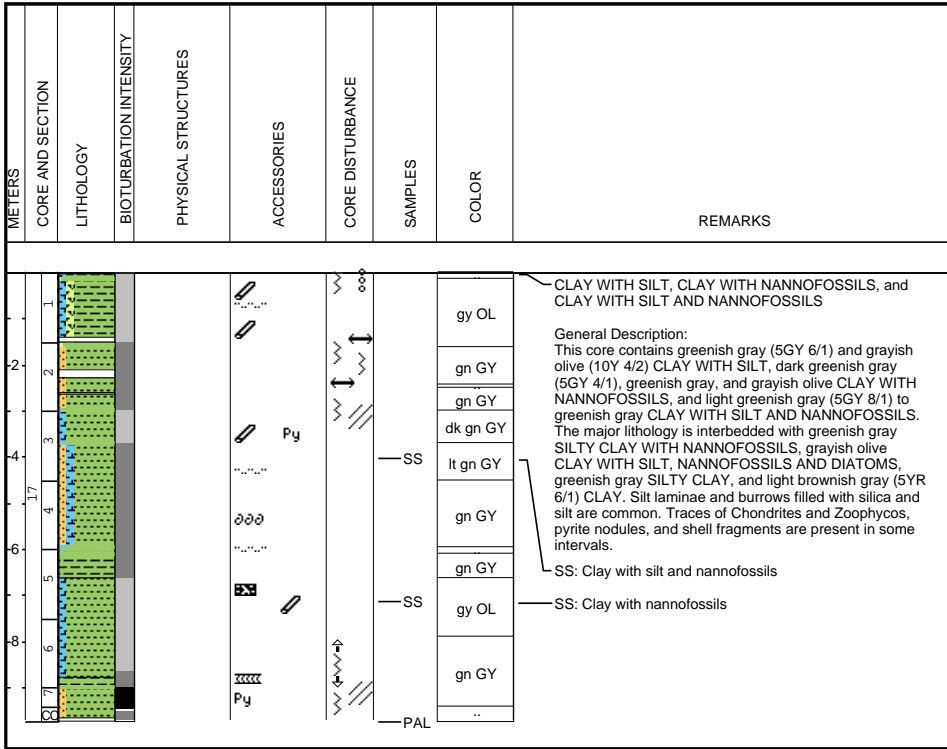
1058B-16H



Site 1058 Hole B Core 17H

Cored 148.5-158.0 mbsf

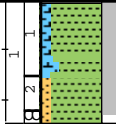


1058B-17H



Site 1058 Hole C Core 1H

Cored 0.0-2.5 mbsf

1058C-1H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0.0 1 2								lt ol BR lt br GY br GY	<p>CLAY WITH NANNOFOSSILS, CLAY WITH SILT, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains yellowish brown (10YR 5/4) and light olive gray (5Y 6/1) CLAY WITH NANNOFOSSILS, brownish gray (5YR 4/1) CLAY WITH SILT, and light brownish gray (5YR 6/1) NANNOFOSSIL CLAY. Open burrows are common in Section 1, some filled with shell fragments.</p>

Site 1058 Hole C Core 2H

Cored 2.5-12.0 mbsf

1058C-2H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									
1									
2									<p>CLAY WITH NANNOFOSSILS, CLAY WITH SILT, and NANNOFOSSIL CLAY</p> <p>General Description: This core contains brownish gray (5YR 4/1 to 6/1) CLAY WITH NANNOFOSSILS, brownish gray (5YR 5/1), medium-light greenish gray (5GY 6/1), and greenish gray (5GY 5/1) CLAY WITH SILT, and brownish gray NANNOFOSSIL CLAY. Relatively firm silt layers are interbedded in Sections 2 and 3.</p>
3								br GY	
4									
5									
6									
7								mlt gn GY	
8								br GY	
9								gn GY	

Site 1058 Hole C Core 3H

Cored 12.0-21.5 mbsf

1058C-3H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH NANNOFOSSILS and CLAY WITH SILT</p> <p>General Description: This core contains greenish gray (10Y 5/2) CLAY WITH NANNOFOSSILS and medium-light greenish gray (5GY 6/1) CLAY WITH SILT. Bioturbation is moderate to heavy throughout the core. Burrows in the CLAY WITH SILT are often filled with silt-sized biogenic material. Pyrite nodules are rare.</p> <p>Pteropod abundant layer</p> <p>Burrows filled with silt-sized biogenic material</p>
2					Py	DCP	gn GY		
3					Py				
4					Py				
5					Py				
6					Py				
7					Py				
8					Py				
9					Py				
10					Py		mt gn GY		

Site 1058 Hole C Core 4H

Cored 21.5-31.0 mbsf

1058C-4H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p>CLAY WITH SILT and CLAY WITH NANNOFOSSILS</p> <p>General Description: This core contains greenish gray (5G 6/1 and 10Y 5/1), light olive gray (5Y 6/1) and dark greenish gray (10Y 4/1) CLAY WITH SILT, and light brownish gray (5YR 6/1) CLAY WITH NANNOFOSSILS.</p>
2							lt br GY		
3							dk gn GY		
4							gn GY		
5							dk gn GY		
6							med gn GY		
7									
8									
9									
10									

Site 1058 Hole C Core 5H

Cored 31.0-40.5 mbsf

1058C-5H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	COLOR	REMARKS
1								<p>NANNOFOSSIL CLAY and NANNOFOSSIL OOZE</p> <p>General Description: This core consists of light olive gray (5YR 6/1) and greenish gray (10Y 5/1) CLAY WITH NANNOFOSSILS, light greenish gray (5G 8/1) NANNOFOSSIL OOZE, and greenish gray (10Y 5/1) and light greenish gray (5G 8/1) NANNOFOSSIL CLAY. The NANNOFOSSIL OOZE and NANNOFOSSIL CLAY are moderately to heavily bioturbated. Diagenetic greenish layers are common in Section 3. Pyrite nodules are rare in the CLAY WITH NANNOFOSSILS.</p>
2						lt gn GY		
3						gn GY		
4						lt ol GY		
5						gn GY		
6								
7								
8								
9								
10								

Site 1058 Hole C Core 6H

Cored 40.5-50.0 mbsf

1058C-6H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								dk gn GY	<p>CLAY WITH SILT, CLAY WITH NANNOFOSSILS, NANNOFOSSIL OOZE, and CLAY</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) and greenish gray (7.5GY 6/2, 10Y 5/1, and 10Y 5/2) CLAY WITH SILT, greenish gray (10Y 5/1) CLAY WITH NANNOFOSSILS, light greenish gray (5G 8/1) NANNOFOSSIL OOZE, and greenish gray (10Y 5/1) CLAY. The NANNOFOSSIL OOZE and CLAY WITH NANNOFOSSILS are moderately to heavily bioturbated. Burrows are sometimes filled with silt-sized biogenic material. Pyrite nodules are rare.</p>
2								gn GY	
3								lt gn GY	
4								gn GY	
5								gn GY	
6								dk gn GY	
7								gn GY	
8									
9									
10									

Site 1058 Hole C Core 8H

Cored 59.5-69.0 mbsf

1058C-8H

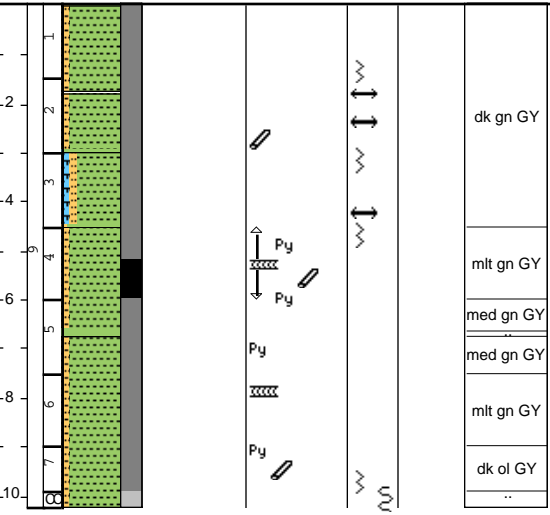
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								gn GY	<p>CLAY WITH SILT</p> <p>General Description: The core contains dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), and light olive gray (5Y 6/1) CLAY WITH SILT. Pyrite nodules are abundant throughout. Spicule-filled or pyritized burrows, and traces of Zoophycos and Chondrites are present in some intervals.</p>
2							lt ol GY		
3							gn GY		
4							dk gn GY		
5									
6									
7									
8									
9									
10									

Site 1058 Hole C Core 9H

Cored 69.0-78.5 mbsf

1058C-9H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY WITH SILT and CLAY WITH SILT AND FORAMINIFERS</p> <p>General Description: The core consists of medium light greenish gray (5GY 7/1), greenish gray (5GY 6/1) to dark greenish gray (5GY 4/1) and dark olive gray (5Y 3/1) CLAY WITH SILT interbedded with dark greenish gray CLAY WITH SILT AND FORAMINIFERS, and light brownish gray (5YR 6/1) SILTY CLAY with foraminifer fragments. Burrows filled with silt and foraminifer tests or silica, traces of Zoophycos, and pyrite nodules are common.</p>
2							dk gn GY		
3							mt gn GY		
4							med gn GY		
5							med gn GY		
6							mt gn GY		
7							dk ol GY		
8							..		
9							..		
10							..		



CLAY WITH SILT and CLAY WITH SILT AND FORAMINIFERS

General Description:
 The core consists of medium light greenish gray (5GY 7/1), greenish gray (5GY 6/1) to dark greenish gray (5GY 4/1) and dark olive gray (5Y 3/1) CLAY WITH SILT interbedded with dark greenish gray CLAY WITH SILT AND FORAMINIFERS, and light brownish gray (5YR 6/1) SILTY CLAY with foraminifer fragments. Burrows filled with silt and foraminifer tests or silica, traces of Zoophycos, and pyrite nodules are common.

Site 1058 Hole C Core 10H

Cored 78.5-88.0 mbsf

1058C-10H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1 2 3 4 5 6 7 8 10							SS SS SS	lt ol GY lt br GY gn GY dk gn GY dk gn GY	<p>CLAY WITH DIATOMS, CLAY WITH SILT, and CLAY</p> <p>General Description: The core contains dark greenish gray (5GY 4/1) CLAY WITH DIATOMS, and light brownish gray (5YR 6/1) and greenish gray (5GY 6/1) CLAY WITH SILT. The dominant lithology is interbedded with pale yellowish brown (10YR 6/2) and light olive gray (5Y 6/1) CLAY with silt laminae. Single burrows filled with silt or silica are present.</p> <p>SS: Clay with silt</p> <p>SS: Clay with diatoms</p>

Site 1058 Hole C Core 12H

Cored 97.5-107.0 mbsf

1058C-12H

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									

CLAY and CLAY WITH DIATOMS, SILT, AND NANNOFOSSILS

General Description:
 This core consists of dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), light greenish gray (5GY 8/1), brownish gray (5YR 4/1), olive gray (5Y 4/1), grayish olive (10Y 4/2), and olive brown (5Y 4/4) CLAY and olive gray CLAY WITH DIATOMS, SILT, AND NANNOFOSSILS. The major lithology is interbedded with dusky yellow green (5GY 5/2) to greenish gray CLAYEY SILT WITH FORAMINIFERS, greenish gray SILTY CLAY, greenish gray CLAY WITH FORAMINIFERS, light greenish gray CLAY WITH NANNOFOSSILS, and greenish gray CLAY WITH SILT (with green banding). Pyrite nodules are common throughout. Burrows filled with silt are present in Section 4. Some intervals have black mottling. The core is slightly to moderately disturbed by degassing.

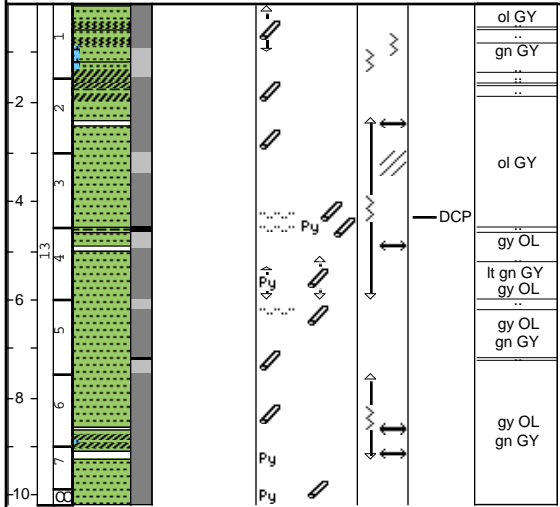
SS: Clay with nannofossils
 SS: Clay with diatoms, silt, and nannofossils

Site 1058 Hole C Core 13H

Cored 107.0-116.5 mbsf

1058C-13H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1								ol GY	<p>CLAY</p> <p>General Description: This core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), olive gray (5Y 4/1), grayish olive (10Y 4/2), olive brown (5Y 4/4), and bluish gray (5B 5/1) CLAY interbedded with greenish gray SILT WITH FORAMINIFERS, greenish gray and bluish gray CLAY WITH NANNOFOSSILS, greenish gray and grayish olive SILTY CLAY, and SILTY CLAY WITH FORAMINIFERS. Pyrite nodules and burrows filled with silt or silica are common. In some intervals thin silt laminae are interbedded. Foraminifers are present from Sections 5-7. The core is moderately disturbed by degassing.</p>
2							gn GY		
3							ol GY		
4							gy OL		
5							lt gn GY gy OL		
6							gy OL gn GY		
7							gy OL gn GY		
8									
9									
10									



ol GY
gn GY
ol GY
gy OL
lt gn GY
gy OL
gy OL
gn GY
gy OL
gn GY

CLAY

General Description:
 This core contains light greenish gray (5GY 8/1), greenish gray (5GY 6/1), olive gray (5Y 4/1), grayish olive (10Y 4/2), olive brown (5Y 4/4), and bluish gray (5B 5/1) CLAY interbedded with greenish gray SILT WITH FORAMINIFERS, greenish gray and bluish gray CLAY WITH NANNOFOSSILS, greenish gray and grayish olive SILTY CLAY, and SILTY CLAY WITH FORAMINIFERS. Pyrite nodules and burrows filled with silt or silica are common. In some intervals thin silt laminae are interbedded. Foraminifers are present from Sections 5-7. The core is moderately disturbed by degassing.

Site 1058 Hole C Core 14H

CORED 116.5-126.0 mbsf

1058C-14H

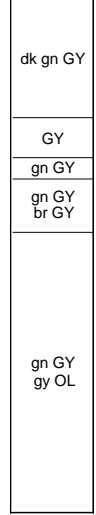
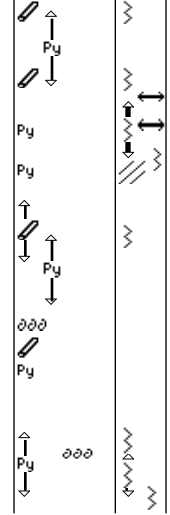
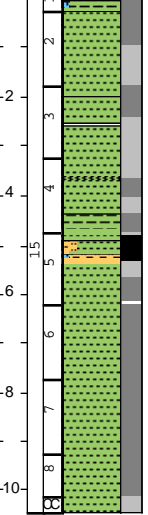
METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
1									<p>CLAY and CLAY WITH SILT</p> <p>General Description: This core contains dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), olive gray (5Y 4/1), grayish olive (10Y 4/2), and bluish gray (5B 5/1) CLAY and greenish gray, bluish gray, grayish olive CLAY WITH SILT. The major lithology is interbedded with greenish gray CLAYEY SILT, greenish gray and bluish gray CLAY WITH NANNOFOSSILS, and greenish gray, bluish gray, and grayish olive SILTY CLAY. Pyrite nodules and burrows filled with silt or silica are common throughout. Traces of Chondrites and silt laminae occur in some intervals. The core is moderately disturbed by degassing.</p> <p>SS: Clay with silt SS: Clay</p>
2								gn GY gy OL	
3								gn GY	
4								gn GY gy OL	
5								gn GY	
6								gy OL bl GY	
7								dk gn GY	
8								ol GY	
9								gn GY	
10								gn GY	

Site 1058 Hole C Core 15H

Cored 126.0-135.5 mbsf

1058C-15H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY</p> <p>General Description: The core contains dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), gray (N5), grayish olive (10Y 4/2), and brownish gray (5YR 4/1) CLAY interbedded with dark greenish gray CLAY WITH NANNOFOSSILS, greenish gray and brownish gray SILTY CLAY, and greenish gray and grayish olive CLAYEY SILT WITH FORAMINIFERS. A sediment interval with alternating beds of grayish olive CLAY and greenish gray SILT occurs in Section 5. Pyrite nodules and burrows filled with silt or silica are common throughout. Shell debris is present in some intervals. The core is moderately disturbed by degassing, extremely so in Section 3.</p>
2								dk gn GY	
3								GY	
4								gn GY	
5								gn GY br GY	
6								gn GY gy OL	
7									
8									
10									



CLAY

General Description:
 The core contains dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), gray (N5), grayish olive (10Y 4/2), and brownish gray (5YR 4/1) CLAY interbedded with dark greenish gray CLAY WITH NANNOFOSSILS, greenish gray and brownish gray SILTY CLAY, and greenish gray and grayish olive CLAYEY SILT WITH FORAMINIFERS. A sediment interval with alternating beds of grayish olive CLAY and greenish gray SILT occurs in Section 5. Pyrite nodules and burrows filled with silt or silica are common throughout. Shell debris is present in some intervals. The core is moderately disturbed by degassing, extremely so in Section 3.

Site 1058 Hole C Core 16H

Cored 135.5-145.0 mbsf

1058C-16H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
10	8								<p>CLAY</p> <p>General Description: This core consists of dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), olive gray (5Y 4/1), grayish olive (10Y 4/2) and bluish gray (5B 5/1) CLAY interbedded with olive gray CLAY WITH FORAMINIFERS, greenish gray and grayish olive SILTY CLAY, olive gray SILTY CLAY WITH FORAMINIFERS, greenish gray CLAYEY SILT WITH FORAMINIFERS, and greenish gray SILT WITH FORAMINIFERS. A greenish gray and grayish olive silt bed with intercalated clayey silt and clay layers occurs in Section 5. Burrows filled with silt or silica and pyrite nodules are present throughout. Single silt laminae occur in Section 7. The core is moderately disturbed by degassing.</p>
8	7							ol GY	
6	6							gn GY	
5	5							gn GY gy OL bl GY	
4	4							gy OL bl GY	
3	3							gn GY gy OL	
2	2							gn GY gy OL	
1	1							dk gn GY	

Site 1058 Hole C Core 17H

Cored 145.0-154.5 mbsf

1058C-17H

METERS	CORE AND SECTION	LITHOLOGY	BIOTURBATION INTENSITY	PHYSICAL STRUCTURES	ACCESSORIES	CORE DISTURBANCE	SAMPLES	COLOR	REMARKS
0									<p>CLAY</p> <p>General Description: This core consists of greenish gray (5GY 6/1), olive gray (5Y 4/1), grayish olive (10Y 4/2), bluish gray (5B 5/1), and brownish gray (5YR 4/1) CLAY interbedded with greenish gray, grayish olive, bluish gray, and brownish gray SILTY CLAY, greenish gray, bluish gray, and olive gray SILTY CLAY WITH FORAMINIFERS, olive gray and pale brown (5YR 5/2) CLAY WITH SILT, olive gray CLAYEY SILT, medium light greenish gray (5GY 7/1) CLAY WITH NANNOFOSSILS, and greenish gray SILT WITH FORAMINIFERS. Burrows filled with silt or silica are common. Pyrite nodules, shell fragments, and silt laminae occur in some interval. The core is slightly to moderately disturbed by degassing.</p>
1					Py			ol GY gn GY	
2					Py			ol GY	
3								ol GY	
4						DCP		ol GY	
5								gn GY gy OL bl GY gy OL	
6								ol GY	
7								mit,gn GY	
8								gn GY	
9								ol GY gn GY	

Site 1058 Hole C Core 18H

Cored 154.5-164.0 mbsf

1058C-18H

