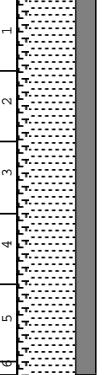
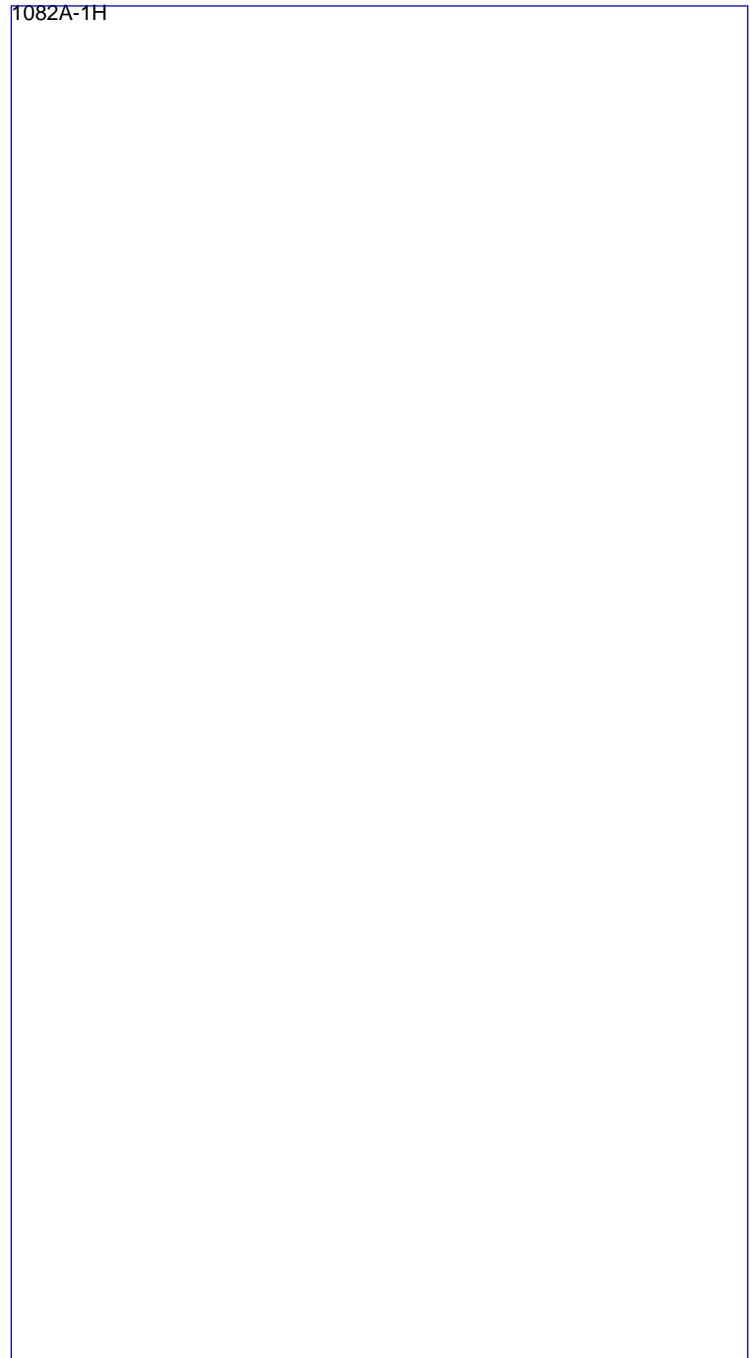


1082A-1H 0.0-7.8 mbsf						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
					FOSSILS	DISTURB.
					SAMPLE	
DESCRIPTION						
2						
4						
6						
7.8						



1082A-2H 7.8-17.3 mbsf										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
2										NANNOFOSSIL- AND FORAMINIFER-BEARING CLAY and FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY
4										The core consists of dark olive (5Y 3/2) NANNOFOSSIL- AND FORAMINIFER-BEARING CLAY and olive (5Y 5/3) FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY. Intercalated units of dark olive gray and olive, 70 to 100 cm wide, have gradational contacts of 20 to 30 cm. Moderate bioturbation exists throughout the core. Burrows are 1 to 2 cm in diameter.
6										IW
8										SS
10										IW
12										IW
14										IW
16										SS
18										IW
20										SS
22										PAL

1082A-2H

1082A-3H 17.3-26.8 mbsf						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	FOSSILS
				ICHNO.	DISTURB.	SAMPLE
DESCRIPTION						
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1082A-4H 26.8-36.3 mbsf						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
				DISTURB.	FOSSILS	SAMPLE
DESCRIPTION						
10						
1	<p>NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY</p> <p>The core consists of olive (5Y 5/4), NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and dark olive gray (5Y 3/2), NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY. Dark olive gray sediments are present in Section 1, 84-150 cm, and Section 4, 113-150 cm, and the core catcher. Moderate bioturbation exists throughout the core. Burrows are 1 to 2 cm in diameter.</p>					
2	<p>SS IW</p>					
3	<p>IW SS</p>					
4	<p>IW</p>					
5	<p>IW</p>					
6	<p>SS</p>					
7	<p>IW PAL</p>					

1082A-4H

1082A-5H 36.3-45.8 mbsf						
Leg 175 Site 1082 Hole A Core 5H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
		ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
2	1	SS				DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL CLAY and NANNOFOSSIL-RICH CLAY
2	2	IW				The core consists of DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL- CLAY and NANNOFOSSIL-RICH CLAY.
2	3	IW				Sections 1 and 2 are pale olive (5Y 6/3) DIATOM- AND
2	4	SS				FORAMINIFER-BEARING, NANNOFOSSIL CLAY. Section 3 to
2	5	IW				Section 6, 95 cm, is light olive gray (5Y 6/3), and Section 6, 95 cm,
2	6	IW				to the bottom of the core is olive (5Y 4/2) NANNOFOSSIL-RICH
2	7	IW				CLAY. Moderate bioturbation exists throughout the core.
2	8	SS				
2	9	IW				
2	10	PAL				

1082A-5H

1082A-6H 45.8-55.3 mbsf

Leg 175 Site 1082 Hole A Core 6H

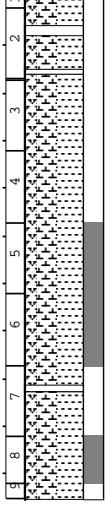
1082A-6H

SITE 1082

1082A-7H 55.3-64.8 mbsf

Leg 175 Site 1082 Hole A Core 7H

1082A-7H

1082A-8H 64.8-74.3 mbsf										
Leg 175 Site 1082 Hole A Core 8H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -9 -8 -7 -6 -5 -4 -3 -2										DIATOM-RICH NANNOFOSSIL CLAY

The core consists of DIATOM-RICH NANNOFOSSIL CLAY. Section 1 through to Section 6, 90 cm, is light olive gray (5Y 5/2) in color while Section 6, 90 cm, to the core catcher is dusky yellow (5Y 6/4). Section 1 was dropped.

1082A-8H

1082A-9H 74.3-83.8 mbsf						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
						DESCRIPTION
-10	1	2	3	4	5	6
-8	7	8	9	10		
-6						
-4						
-2						
0						
2						
4						
6						
8						
10						
						DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-RICH NANNOFOSSIL CLAY. The core consists of DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-RICH NANNOFOSSIL CLAY. The majority of the core is dark olive (5Y 4/3); while Section 3, 0-50 cm, Section 4, 45-75 cm, Section 5, 60 cm, to Section 6, 15 cm and Section 6, 80 cm, to Section 7, 105 cm, are pale olive (5Y 6/3). There are gradual changes in lithology as the relative abundance of the microfossils alters compared with the major clay component. These changes are independent of the color changes observed.
						— SS — IW — SS — SS — PAL

1082A-9H

1082A-10H 83.8-93.3 mbsf							
Leg 175 Site 1082 Hole A Core 10H							
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DESCRIPTION
10.00	1	GRAPHIC LITH. BIOTURB.	STRUCTURE ACCESSORIES ICHNO. FOSSILS	DISTURB.	SAMPLE		

DIATOM-RICH NANNOFOSSIL CLAY, DIATOM-BEARING, CLAYEY NANNOFOSSIL OOZE, NANNOFOSSIL-BEARING CLAY, and CLAYEY NANNOFOSSIL OOZE

The core consists of DIATOM-RICH NANNOFOSSIL CLAY, DIATOM-BEARING CLAYEY NANNOFOSSIL OOZE, NANNOFOSSIL-BEARING CLAY, and CLAYEY NANNOFOSSIL OOZE. Section 1 is highly disturbed. Sections 2 to 5 are dark olive (5Y 4/3) DIATOM-RICH NANNOFOSSIL CLAY. Section 6, 0-120 cm, is olive gray (5Y 4/2) DIATOM-BEARING CLAYEY NANNOFOSSIL OOZE, and Section 6, 120 cm, to Section 8, 45 cm, is olive black (5Y 2/1) NANNOFOSSIL-BEARING CLAY. Section 8, 45 cm to the bottom of the core is dark olive (5Y 4/3) mottled with both olive black (5Y 2/1) and olive gray (5Y 4/2) sediment all of which is CLAYEY NANNOFOSSIL OOZE. Section 6, 77-78 cm, contains the remains of a calcium carbonate shell approximately 2 cm in diameter.

1082A-10H

1082A-11H 93.3-102.8 mbsf									
Leg 175 Site 1082 Hole A Core 11H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO. FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1							—SS		CLAYEY NANNOFOSSIL OOZE, NANNOFOSSIL-RICH CLAY, DIATOM-BEARING NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL-BEARING CLAY
2							—SS		The core consists of CLAYEY NANNOFOSSIL OOZE, NANNOFOSSIL-RICH CLAY, DIATOM-BEARING NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL-BEARING CLAY. Section 1, 0 - 50 cm is olive gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE. Section 2, 40 cm, is an olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY. Section 2, 40 cm, to Section 7 consist of DIATOM-BEARING, NANNOFOSSIL-RICH CLAY with color varying from olive to olive gray. An interval in Section 4, 110 -150 cm, is an olive gray NANNOFOSSIL-BEARING CLAY. Calcareous concretions are observed in Section 1, 10 cm, and in Section 5, 60 cm. The changes in the lithology are independent of the color changes observed downcore.
4							—IW		
6							—SS		
8							—SS		
10							—SS PAL		



1082A-12H

1082A-13H 112.3-121.8 mbsf

Leg 175 Site 1082 Hole A Core 13H

METERS	SECTION	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
8 7 6 5 4 3 2 1						~~~	— SS — IW — PAL	FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY The core consists of dark olive gray (5Y 3/2) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. There is an olive (5Y 5/3) interval in Section 3, 10-130 cm. Burrows range in diameter from 1 to 2 cm.

1082A-13H

1082A-14H 121.8-128.6 mbsf						
Leg 175 Site 1082 Hole A Core 14H						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
				DISTURB.	FOSSILS	SAMPLE
						DESCRIPTION
1	1					
2	2					
3	3					
4	4					
5	5					
6	6					

FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY

The core consists of olive (5Y 4/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. A dark olive (5Y 3/2) interval occurs from Section 4, 30 cm, to Section 5, 36 cm. Its upper contact is gradational, extending over 30 cm, whereas its lower contact is more abrupt, spanning only 10 cm.

— SS
— IW
— SS
— SS
— PAL

1082A-14H

1082A-15X 128.6-138.3 mbsf

Leg 175 Site 1082 Hole A Core 15X

1082A-15X

1082A-16X 138.3-147.9 mbsf

Leg 175 Site 1082 Hole A Core 16X

METERS	SECTION	STRUCTURE	ACCESSORIES	BIOTURB.	DESCRIPTION
	GRAPHIC LITH.	ICHNO.	FOSSILS	DISTURB.	SAMPLE
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1082A-16X

1082A-17X 147.9-157.6 mbsf

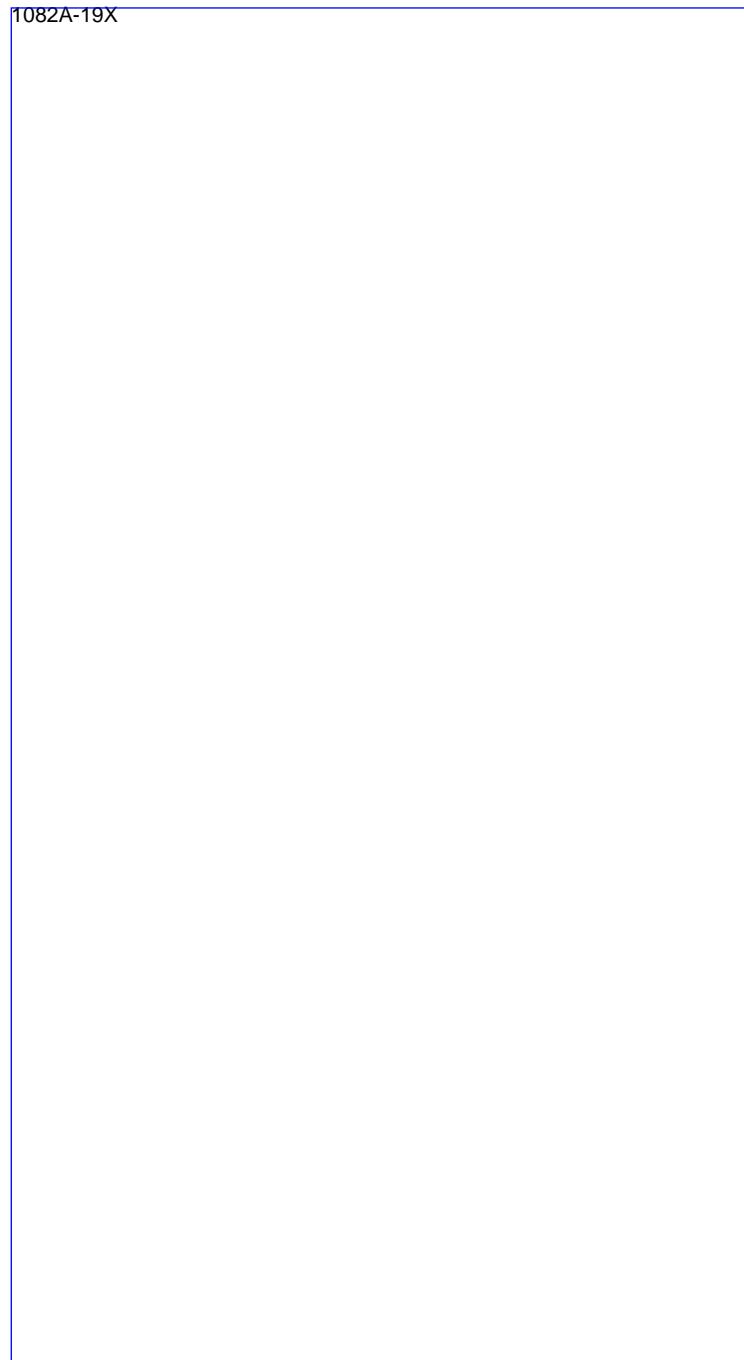
Leg 175 Site 1082 Hole A Core 17X

1082A-17X

1082A-18X 157.6-167.2 mbsf

1082A-18X

1082A-19X 167.2-176.9 mbsf										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
										FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5
										The core consists of olive gray (5Y 4/2) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and black (5Y 2.5/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAY, which is rich in organic carbon, and silt-sized monocrystalline and polycrystalline quartz grains. Section 4, 10 cm, to Section 5, 15 cm, and in Section 6, 23-59 cm, contains black (5Y 2.5/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAY. Contacts between intervals are gradational over 20 cm.
										—SS —PAL



1082A-20X 176.9-186.5 mbsf										
Leg 175 Site 1082 Hole A Core 20X										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL-BEARING, DIATOM-RICH CLAY, DIATOM-BEARING NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING CLAY
2										The core consists of NANNOFOSSIL-BEARING, DIATOM-RICH CLAY, DIATOM-BEARING, NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING CLAY. The color is predominantly dark olive gray (5Y 3/2) with lighter olive gray (5Y 4/2) in Section 4, 0-100 cm, grading over 40 cm to black (5Y 2.5/2) in Section 5. Section 1 was dropped.
3										— SS
4										— IW
5										— SS
6										— PAL



1082A-21X 186.5-196.2 mbsf

Leg 175 Site 1082 Hole A Core 21X

1082A-21X

1082A-22X 196.2-205.9 mbsf

1082A-22X

1082A-23X 205.9-215.5 mbsf

Leg 175 Site 1082 Hole A Core 23X

1082A-23X

1082A-24X 215.5-225.2 mbsf						
Leg 175 Site 1082 Hole A Core 24X						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	SAMPLE
					DESCRIPTION	
					FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY	
-2					The core consists of olive (5Y 4/4) FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY. A gradational change in color occurs in Section 5 from dark olive gray (2.5Y 3/3) to olive brown (2.5 4/3).	
-1					— SS	
-2					— IW	
-3					— SS	
-4					— SS	
-5					— PAL	
-6						
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1082A-25X 225.2-234.8 mbsf

Leg 175 Site 1082 Hole A Core 25X

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY and FORAMINIFER-BEARING, NANNOFOSSIL DIATOMACEOUS CLAY
2							— SS / SS — SS		The core consists of dark olive gray (5Y 3/2) FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY and olive gray (5Y 4/2) FORAMINIFER-BEARING, NANNOFOSSIL DIATOMACEOUS CLAY in Section 2. Alternating between dark olive gray and olive gray intervals, 10 cm thick, occurs in Section 1, 0- 80 cm, merging into black (5Y 2.5/2) to the end of the section.
3							— SS		
4							— SS		
5							— SS		
6							PAL		

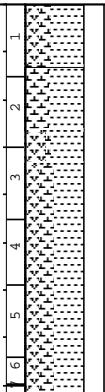
1082A-25X

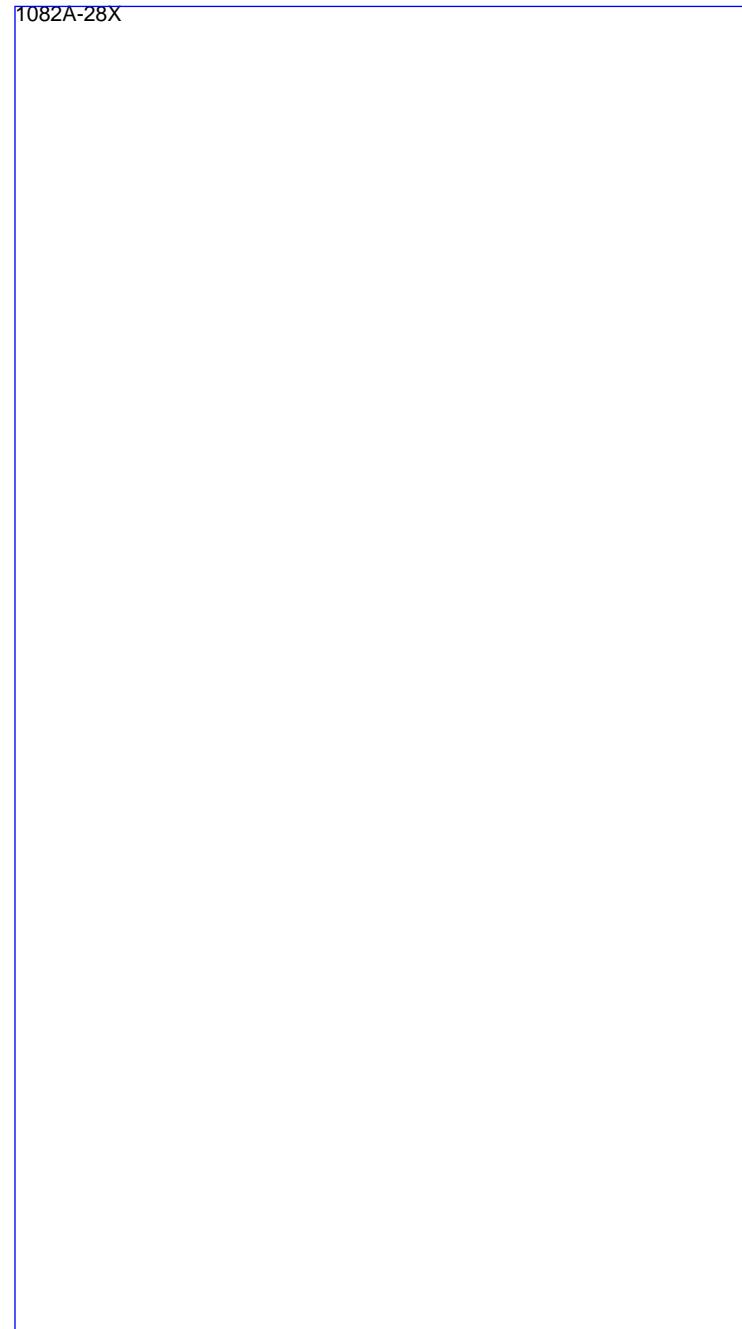
1082A-26X 234.8-244.4 mbsf										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
										FORAMINIFER-BEARING NANNOFOSSIL-RICH DIATOMACEOUS CLAY
-2	1									The core consists of olive (5Y 4/3), light olive brown (2.5Y 4/3), and olive brown (2.5Y 5/3) FORAMINIFER-BEARING NANNOFOSSIL-RICH DIATOMACEOUS CLAY. A gradational change in color occurs from olive to light olive brown in Section 4, 90 cm, and into olive brown in Sections 5 and 7 .
-4	2									— SS
-6	3									— IW
-8	4									— SS
	5									— SS
	6									— PAL

1082A-26X

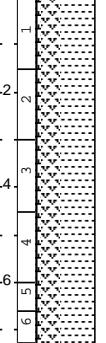
1082A-27X 244.4-254.0 mbsf						
Leg 175 Site 1082 Hole A Core 27X						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
				DISTURB.	FOSSILS	
					SAMPLE	DESCRIPTION
2.0	1					— SS DIATOM-RICH NANNOFOSSIL CLAY and DIATOMACEOUS CLAY
2.2	2					The core consists of olive gray (5Y 4/2) DIATOM-RICH NANNOFOSSIL CLAY and very dark grayish brown (2.5Y 3/2) DIATOMACEOUS CLAY. Section 1, 30 -82 cm, Sections 2, 3, and 4 are very dark grayish brown. A gradual color change to olive gray occurs in Section 5 between 50 and 60 cm.
2.4	3					— SS
2.6	4					— IW — SS
2.8	5					— SS
3.0						— PAL



1082A-28X 254.0-263.6 mbsf						
Leg 175 Site 1082 Hole A Core 28X						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
					DESCRIPTION	
-2					<p>NANNOFOSSIL-RICH DIATOMACEOUS CLAY, DIATOM-BEARING NANNOFOSSIL CLAY, NANNOFOSSIL-BEARING DIATOM-RICH CLAY and NANNOFOSSIL-RICH DIATOM CLAY</p> <p>The core consists of very dark brownish gray (2.5Y 3/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY, olive gray (5Y 4/2) DIATOM-BEARING NANNOFOSSIL CLAY, very dark brownish gray NANNOFOSSIL-BEARING DIATOM-RICH CLAY, and olive gray NANNOFOSSIL-RICH DIATOM CLAY. Color changes closely correspond to abundances in nannofossils.</p>	
-4					<p>—SS</p> <p>—SS</p> <p>—SS</p> <p>—IW</p> <p>—SS</p>	
-6					<p>—PAL</p>	
-8						

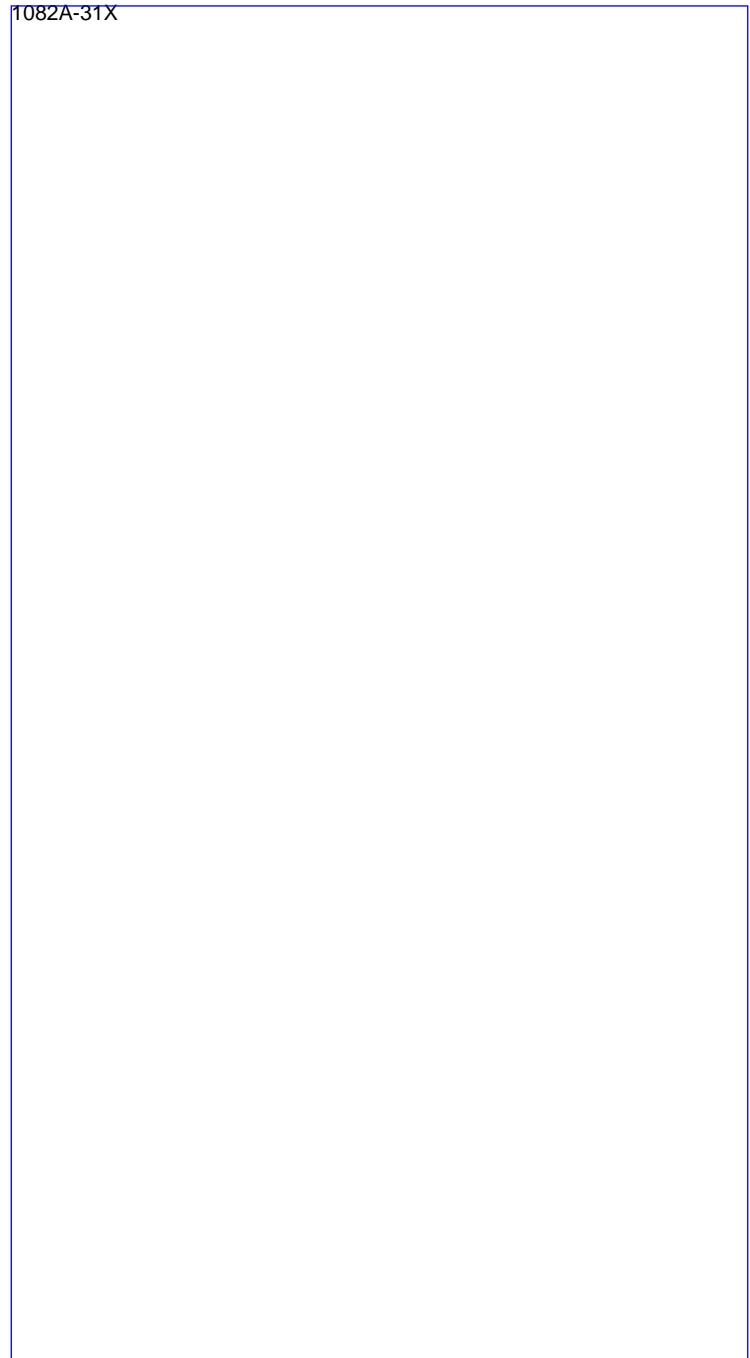


1082A-29X 263.6-273.3 mbsf						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
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1082A-30X 273.3-282.9 mbsf						
Leg 175 Site 1082 Hole A Core 30X						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
			ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION						
-2					— SS	NANNOFOSSIL-RICH DIATOMACEOUS CLAY
-4					— IW	The core consists of olive gray (5Y 4/2) and dark olive brown (2.5 3/3) NANNOFOSSIL-RICH DIATOMACEOUS CLAY.
-6					— IW	
					— PAL	



1082A-31X 282.9-292.5 mbsf						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
1						
2					<p>—SS —SS</p> <p>NANNOFOSSIL-RICH DIATOMACEOUS CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY</p> <p>The core consists of olive gray (5Y 4/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY and very dark gray (5Y 3/2) NANNOFOSSIL-BEARING DIATOM-RICH CLAY.</p>	
3						
4						
5						
6					<p>—SS —PAL</p>	



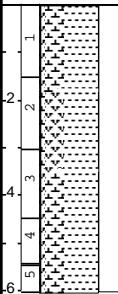
Leg 175 Site 1082 Hole A Core 32X									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4 5 6	000						— SS — SS — SS — SS — SS — PAL		DIATOM-RICH CLAY and DIATOM-RICH NANNOFOSSIL CLAY The core consists of very dark gray (5Y 3/2) DIATOM-RICH CLAY and olive gray (5Y 5/2 and 5Y 4/2) DIATOM RICH NANNOFOSSIL CLAY. The change to DIATOMACEOUS NANNOFOSIL CLAY is sharp.

1082A-32X

1082A-33X 302.1-311.7 mbsf						
Leg 175 Site 1082 Hole A Core 33X						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
				DISTURB.	FOSSILS	SAMPLE
					DESCRIPTION	
1	1					
2	2					
3	3					
4	4					
5	5					
					<p>— SS DIATOM-RICH NANNOFOSSIL CLAY, NANNOFOSSIL-BEARING DIATOMACEOUS CLAY, and NANNOFOSSIL-RICH DIATOMACEOUS CLAY</p> <p>The core consists of olive gray (5Y 5/2) DIATOMACEOUS NANNOFOSSIL CLAY in Sections 1 and 2. A gradual color change to olive gray (5Y 4/2) occurs in Section 3 and persists to Section 4 where the sediment is NANNOFOSSIL-BEARING DIATOMACEOUS CLAYS. Below Section 5, 86 cm, the sediment consists olive gray 5Y 5/2 NANNOFOSSIL-RICH DIATOMACEOUS CLAY.</p>	
					— SS	
					— IW	
					— SS	
					— SS	
					— PAL	



1082A-34X 311.7-321.4 mbsf						
Leg 175 Site 1082 Hole A Core 34X						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
					FOSSILS	DISTURB.
					SAMPLE	
DESCRIPTION						
6						
5						
4						
3						
2						
1						



DIATOM-RICH NANNOFOSSIL CLAY and NANNOFOSSIL-RICH DIATOMACEOUS CLAY

The core consists of olive gray (5Y 5/2) DIATOMACEOUS NANNOFOSSIL CLAY and olive gray (5Y 4/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY.

—SS
—SS
—SS
—PAL

1082A-34X

SITE 1082

1082A-35X 321.4-327.5 mbsf										
Leg 175 Site 1082 Hole A Core 35X										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4 5 6	1 2 3 4 5 6									DIATOM-RICH NANNOFOSSIL CLAY The core consists of pale olive (5Y 6/3) DIATOM-RICH NANNOFOSSIL CLAY. An olive gray interval is observed from Section 4, 100 cm, to Section 5, 50 cm, without significant changes in the biogenic abundances. A dolomitized layer occurs in the core catcher.

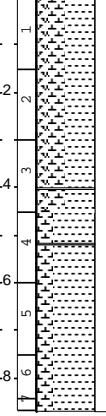


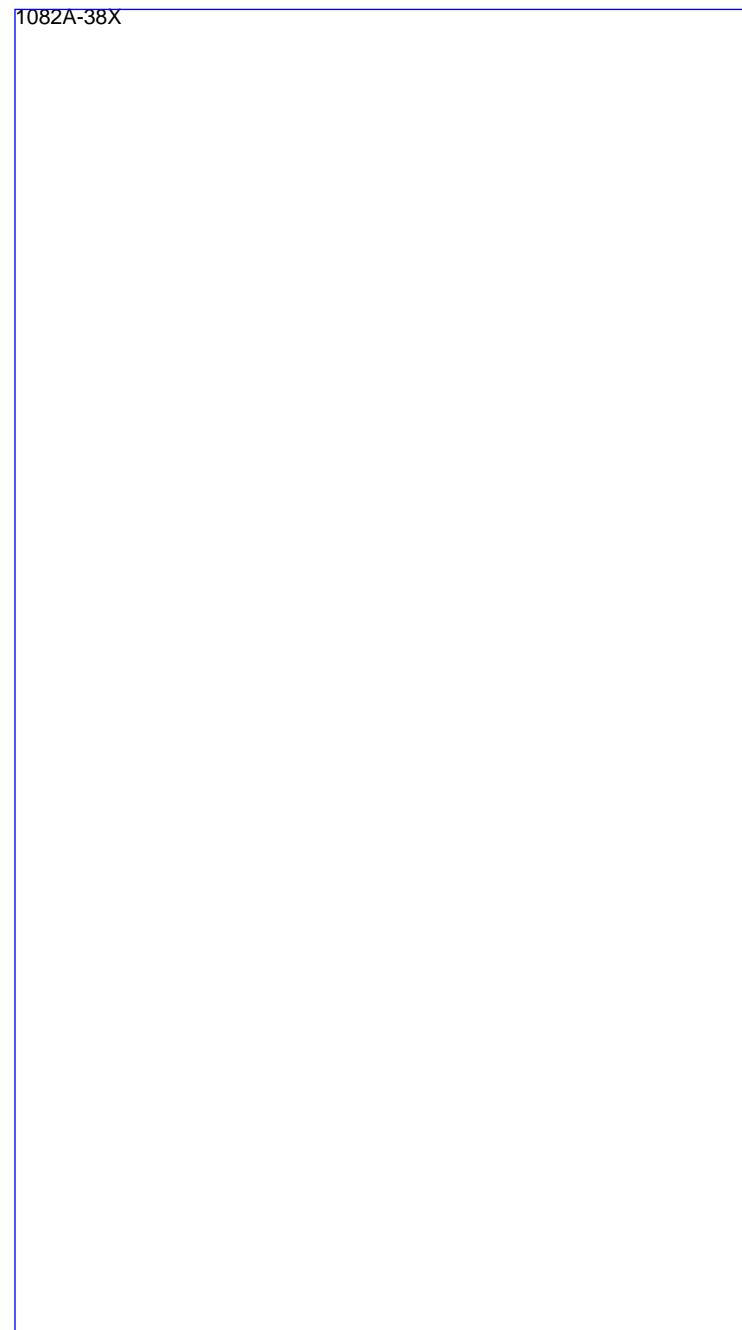
1082A-36X 327.5-331.0 mbsf						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	DESCRIPTION
					ICHNO.	FOSSILS
				DISTURB.		SAMPLE
2.1			w	—ss		DIATOM-RICH NANNOFOSSIL CLAY
						The core consists of a dolomite olive (5Y 5/3) DIATOM-RICH NANNOFOSSIL CLAY. A dolomite horizon is present in Section 1, 0-17 cm.

1082A-36X

1082A-37X 331.0-340.6 mbsf										
Leg 175 Site 1082 Hole A Core 37X										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8 5.0 5.2 5.4 5.6 5.8 6.0	1 2 3 4 5 6		SS SS IW SS PAL	V H						DIATOM- AND NANNOFOSSIL- RICH CLAY The core consists of olive (5Y 4/3) DIATOM- AND NANNOFOSSIL- RICH CLAY. An olive gray (5Y 4/2) interval occurs between Section 2, 100 cm, and Section 3, 15 cm.



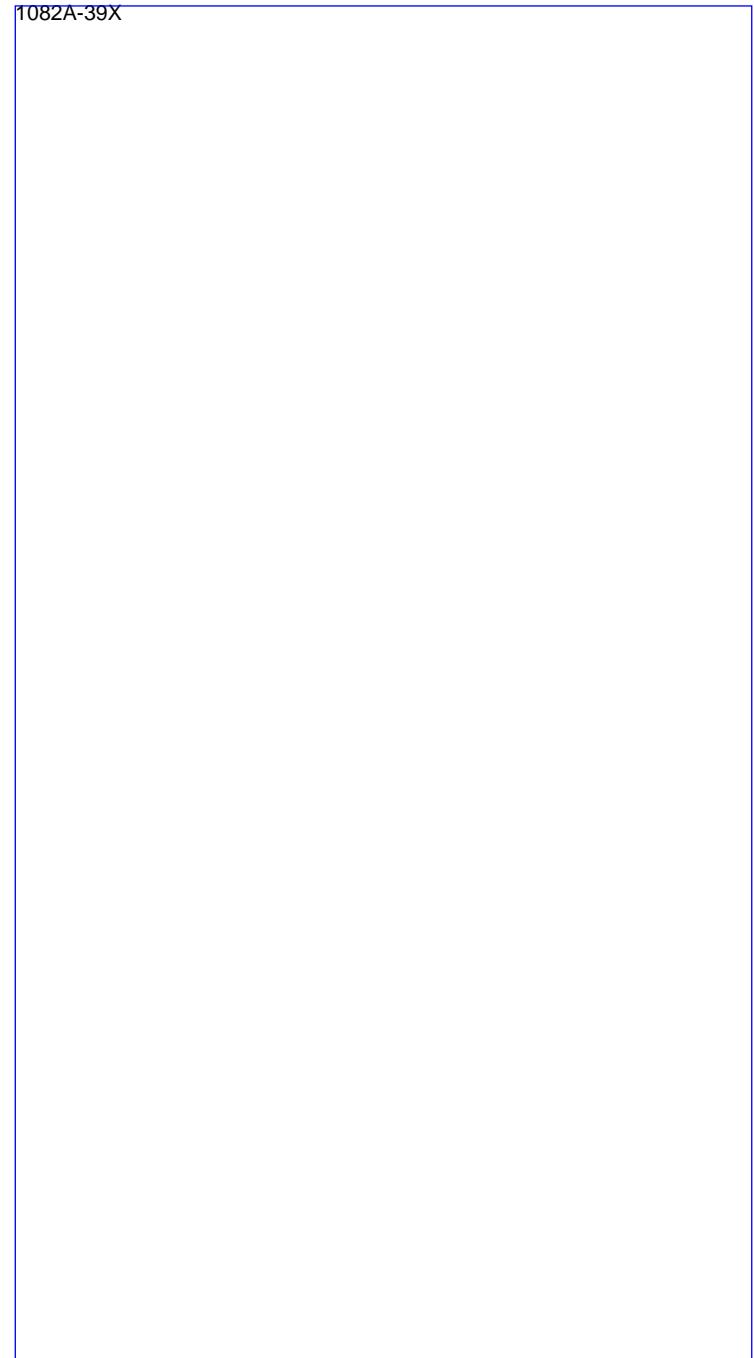
1082A-38X 340.6-350.3 mbsf						
Leg 175 Site 1082 Hole A Core 38X						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
			ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION						
0.0 - 0.8						DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING NANNOFOSSIL-RICH CLAY
0.8 - 1.0						The core consists of olive (5Y 4/3) DIATOM- AND NANNOFOSSIL-RICH CLAY from Sections 1 to 3. Section 4 to the bottom of the core is olive pale (5Y 6/3) DIATOM-BEARING NANNOFOSSIL-RICH CLAY.
1.0 - 1.2					— SS	
1.2 - 1.4					— SS	
1.4 - 1.6				VV	— SS	
1.6 - 1.8					— SS	
1.8 - 2.0					— PAL	



1082A-39X 350.3-359.9 mbsf											
Leg 175 Site 1082 Hole A Core 39X											
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.					
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
1	1										
2	2										
3	3										
4	4										
5	5										
6	6										

DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM- NANNOFOSSIL-BEARING CLAY

The core consists of olive gray (5Y 4/2) DIATOM- AND NANNOFOSSIL-BEARING CLAY, with an intercalated interval of dark olive gray (5Y 3/2), DIATOM- AND NANNOFOSSIL-RICH CLAY. This interval extends from Section 1, 140 cm, to Section 2, 60 cm. Sections 3, 4, and 5 were dropped.



1082A-40X 359.9-369.5 mbsf

1082A-40X

1082A-41X

1082A-42X 379.2-388.8 mbsf						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
1	1	1			NANNOFOSSIL-RICH CLAY and NANNOFOSSIL CLAY	
2	2	2			The core consists of pale olive (5Y 6/3) NANNOFOSSIL-RICH CLAY, with an intercalated, pale yellow (5Y 7/4) interval of NANNOFOSSIL CLAY. This interval extends from Section 4, 20 cm, to Section 4, 70 cm. Its upper and lower contacts with the pale olive clay are gradational over 20 cm.	
3	3	3			— SS	
4	4	4			— SS	
5	5	5			— SS	
6	6	6			— PAL	

1082A-42X

1082A-43X 388.8-398.4 mbsf

Leg 175 Site 1082 Hole A Core 43X

1082A-43X

1082A-44X 398.4-408.1 mbsf

Leg 175 Site 1082 Hole A Core 44X							1082A-44X 398.4-408.1 mbsf		
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
.1 .2 .3 .4 .5 .6									FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL-RICH CLAY
									This core consists of an olive gray (5Y 5/2) FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, with a slightly darker intercalated interval of olive gray (5Y 4/2), NANNOFOSSIL-RICH CLAY. The interval extends from Section 3, 110 cm, to Section 4, 100 cm and is richer in particulate organic matter, and silt-sized surrounded monocrystalline quartz grains. The upper and lower contacts of this interval are gradational over 40 cm.

1082A-44X

1082A-45X 408.1-417.7 mbsf

Leg 175 Site 1082 Hole A Core 45X

1082A-45X

1082A-46X 417.7-427.3 mbsf

Leg 175 Site 1082 Hole A Core 46X

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSILS	DISTURB.	SAMPLE	DESCRIPTION
0.0 - 6.0										
6.0 - 0.0										

▲ □ ↓

SS	NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY
IW	The core consists of grayish brown (2.5Y 5/2) NANNOFOSSIL-RICH CLAY with intervals of dark grayish brown (2.5Y 4/2) NANNOFOSSIL-BEARING CLAY in Section 1, 120-150 cm, and Section 3, 106- 150 cm. Biscuits from drilling disturbance 4 cm in width occur throughout the core
SS	
PAL	

1082A-46X

SITE 1082

1082A-47X 427.3-437.0 mbsf

Leg 175 Site 1082 Hole A Core 47X

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4								↗	SS SS PAL	NANNOFOSSIL CLAY and NANNOFOSSIL-RICH CLAY The core contains intercalated light olive gray (5Y 6/2) NANNOFOSSIL CLAY and olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY.

1082A-47X

1004

1082A-48X 437.0-446.7 mbsf

1082A-48X

SITE 1082

1082A-49X 446.7-456.3 mbsf

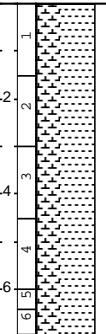
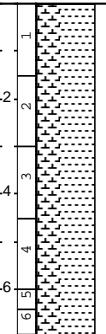
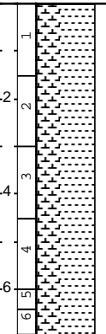
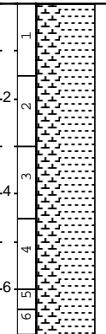
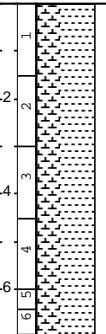
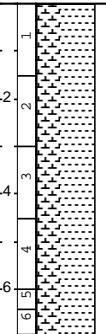
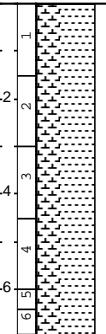
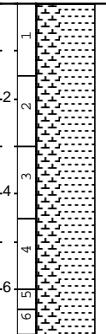
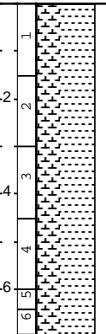
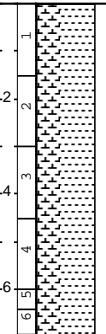
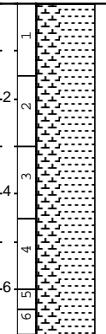
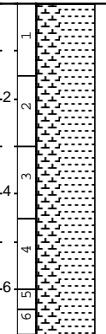
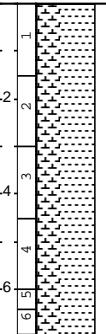
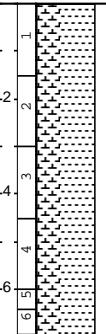
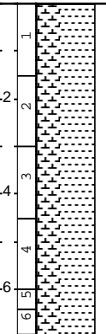
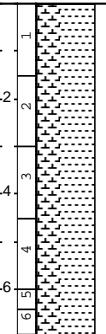
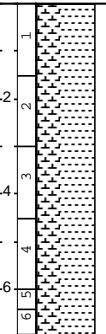
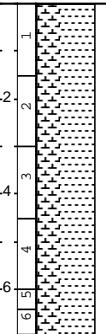
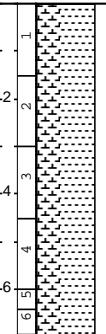
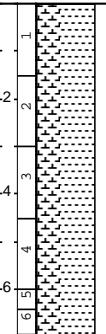
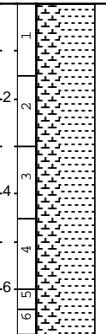
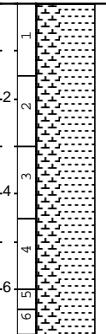
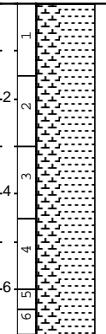
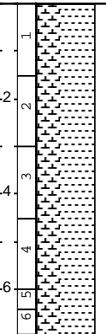
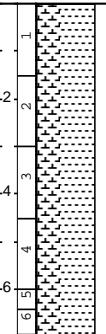
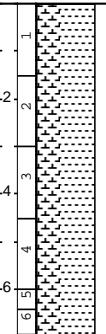
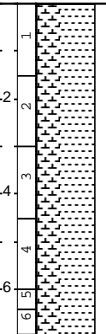
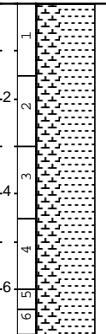
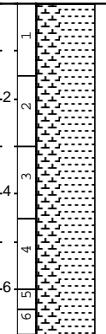
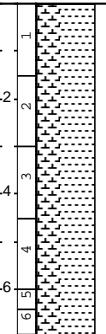
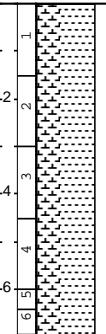
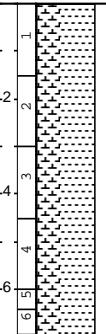
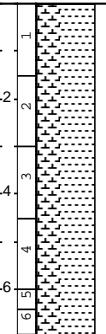
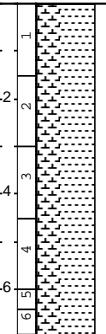
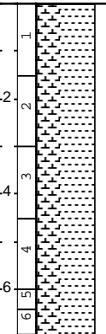
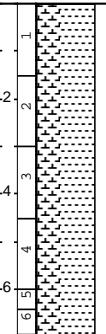
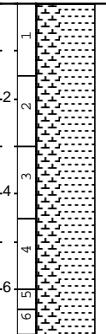
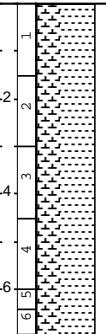
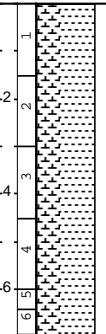
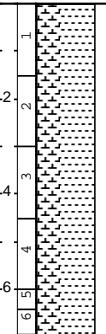
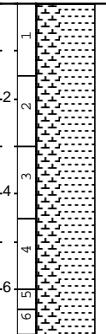
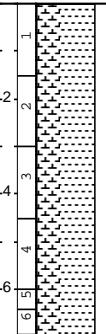
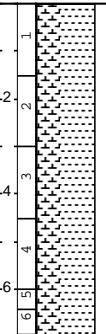
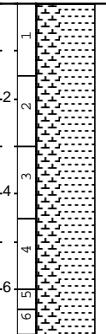
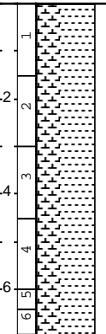
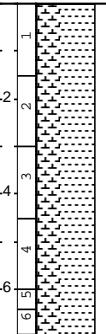
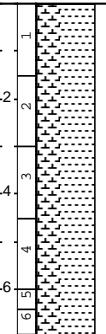
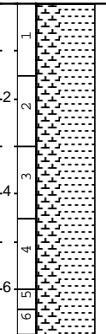
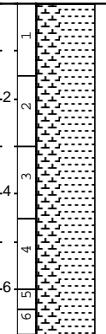
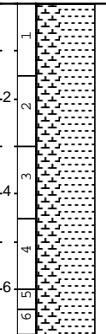
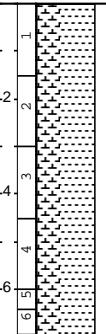
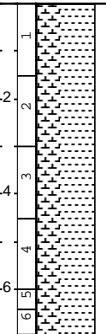
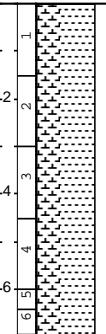
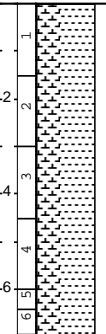
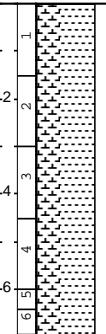
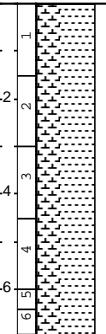
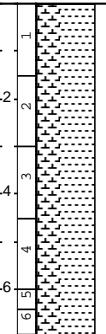
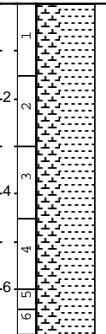
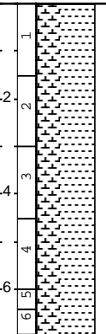
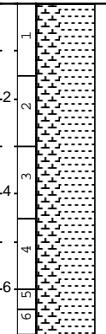
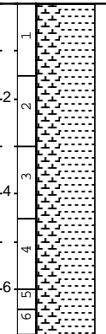
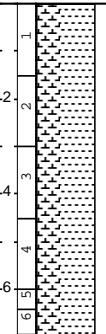
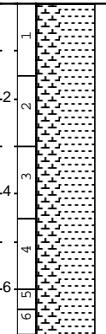
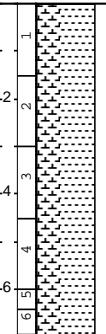
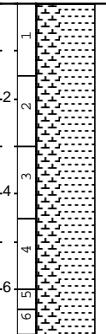
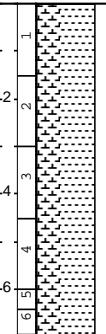
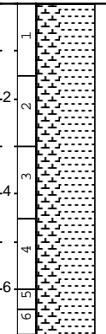
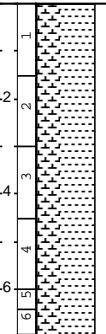
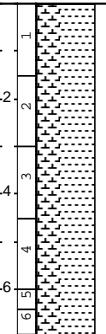
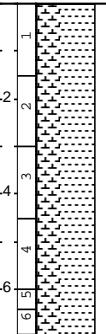
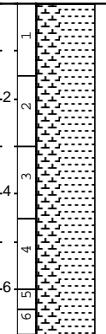
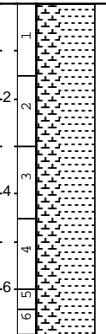
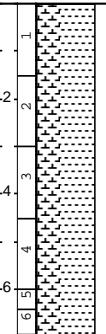
Leg 175 Site 1082 Hole A Core 49X

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
0 -2 -4 -6 -8 -10 -12 -14 -16 -18 -20 -22 -24 -26 -28 -30 -32 -34 -36 -38 -40 -42 -44 -46 -48 -50 -52 -54 -56 -58 -60 -62 -64 -66 -68 -70 -72 -74 -76 -78 -80 -82 -84 -86 -88 -90 -92 -94 -96 -98 -100										NANNOFOSSIL CLAY The core consists of light olive gray (5Y 6/2) NANNOFOSSIL CLAY. Biscuits from drilling disturbance, 3 cm in width, occur throughout the core. — SS — SS — PAL

1082A-49X

1082A-50X 456.3-465.9 mbsf										
Leg 175 Site 1082 Hole A Core 50X										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	NANNOFOSSIL CLAY and NANNOFOSSIL-RICH CLAY The core consists of intercalated intervals of olive gray (5Y 5/2) NANNOFOSSIL CLAY and dark olive gray (5Y 3/2) NANNOFOSSIL-RICH CLAY. NANNOFOSSIL-RICH CLAY intervals are present within Section 1, 0-17 cm, Section 3, 0- 40 cm, and Section 5, 0- 30 cm. Organic matter is commonly present in the NANNOFOSSIL-RICH CLAY. Section 1 was dropped.



1082A-51X 465.9-475.1 mbsf								
Leg 175 Site 1082 Hole A Core 51X								
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES		
					ICHNO.	FOSSILS		
					DISTURB.	SAMPLE		
					DESCRIPTION			
0.00								
1.00								
2.00								
3.00								
4.00								
5.00								
6.00								
7.00								
8.00								
9.00								
10.00								
11.00								
12.00								
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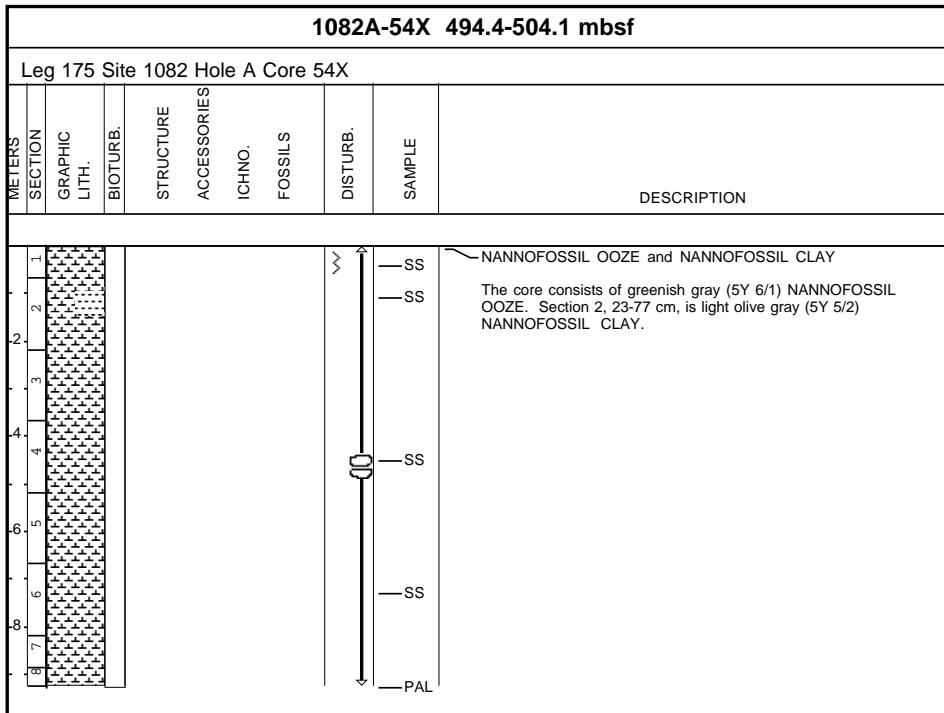
1082A-52X 475.1-484.7 mbsf						
Leg 175 Site 1082 Hole A Core 52X						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
			ICHNO.		FOSSILS	DISTURB.
					SAMPLE	DESCRIPTION
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1082A-53X 484.7-494.4 mbsf

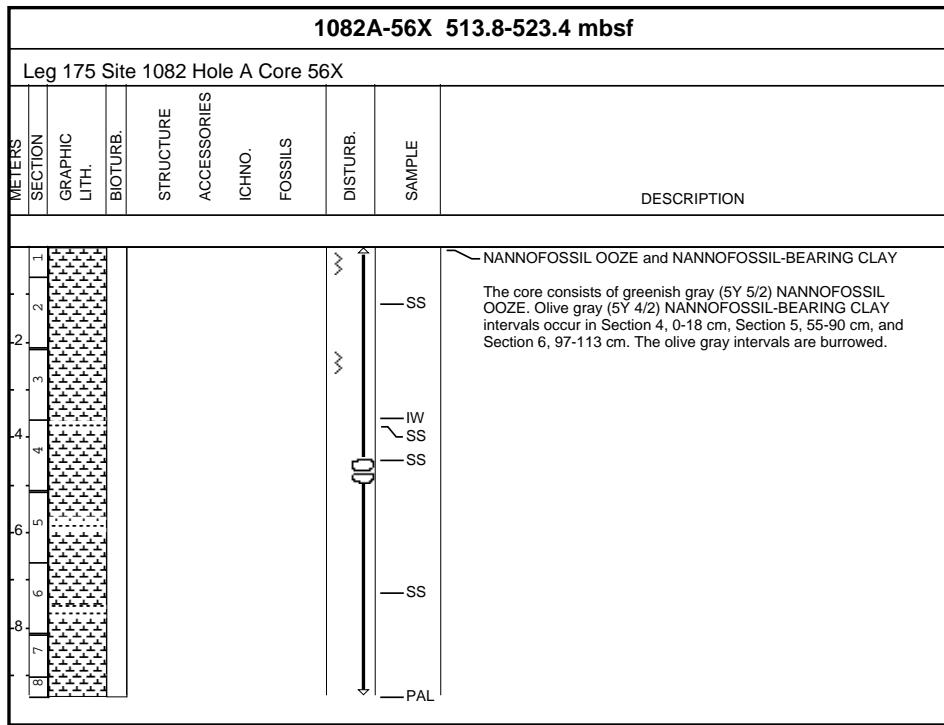
Leg 175 Site 1082 Hole A Core 53X

METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
0 -2 -4 -6	1 2 3 4 5 6						 ↓		NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL OOZE The core consists of greenish gray (5GY 6/1) NANNOFOSSIL OOZE. Section 3, 70-100 cm, is light olive gray (5GY 5/1) CLAYEY NANNOFOSSIL OOZE. — SS — IW — SS — PAL

1082A-53X



1082A-55X 504.1-513.8 mbsf						
Leg 175 Site 1082 Hole A Core 55X						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
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1082A-56X

1082A-57X 523.4-533.1 mbsf

Leg 175 Site 1082 Hole A Core 57X

1082A-57X

1082A-58X 533.1-542.8 mbsf

Leg 175 Site 1082 Hole A Core 58X

METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSILS	DISTURB.	SAMPLE	DESCRIPTION
0.0 - 2.0									
2.0 - 8.0									NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL OOZE The core consists of light greenish gray (5G 7/1) NANNOFOSSIL OOZE with an olive gray (5Y 5/2) CLAYEY NANNOFOSSIL OOZE interval from Section 5, 90 cm, to the end of Section 6.

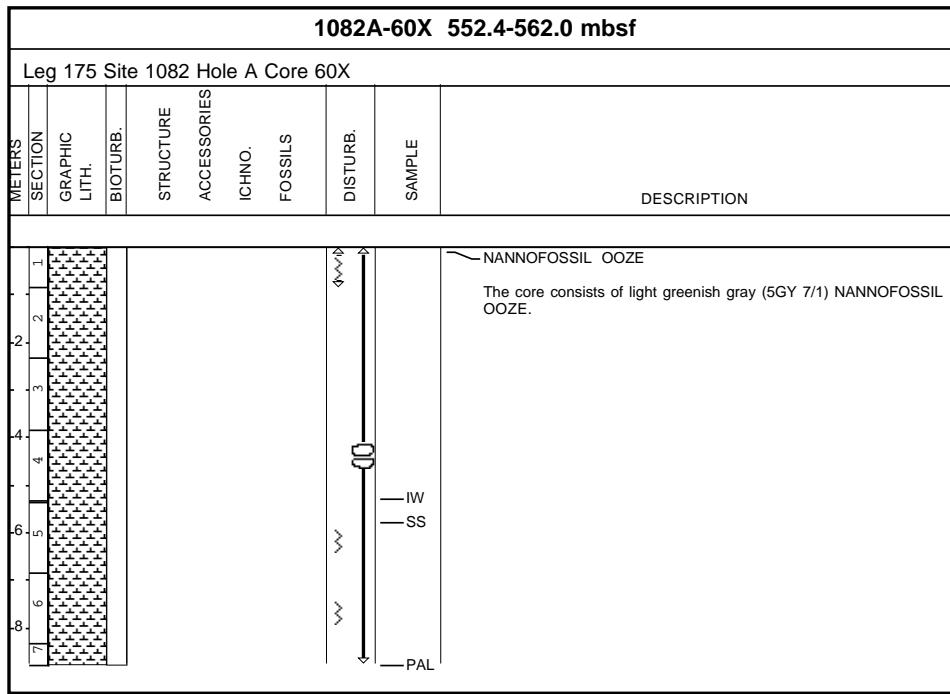
1082A-58X

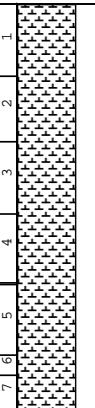
SITE 1082

1082A-59X 542.8-552.4 mbsf

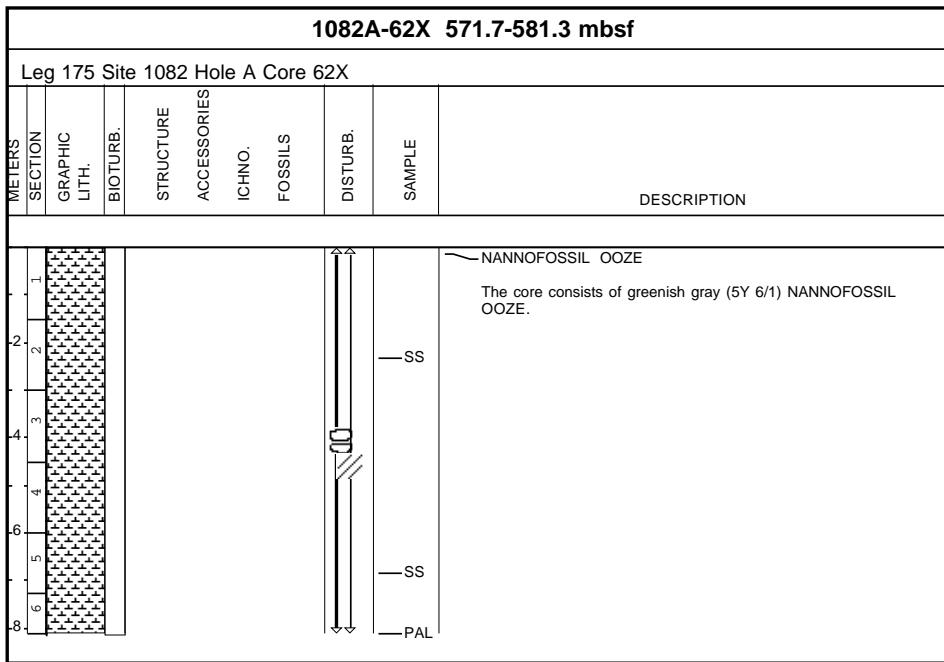
Leg 175 Site 1082 Hole A Core 59X

1082A-59X



1082A-61X 562.0-571.7 mbsf										
Leg 175 Site 1082 Hole A Core 61X										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 4 6 8	1 2 3 4 5 6									NANNOFOSSIL OOZE The core consists of light greenish gray (5Y 7/1) NANNOFOSSIL OOZE.





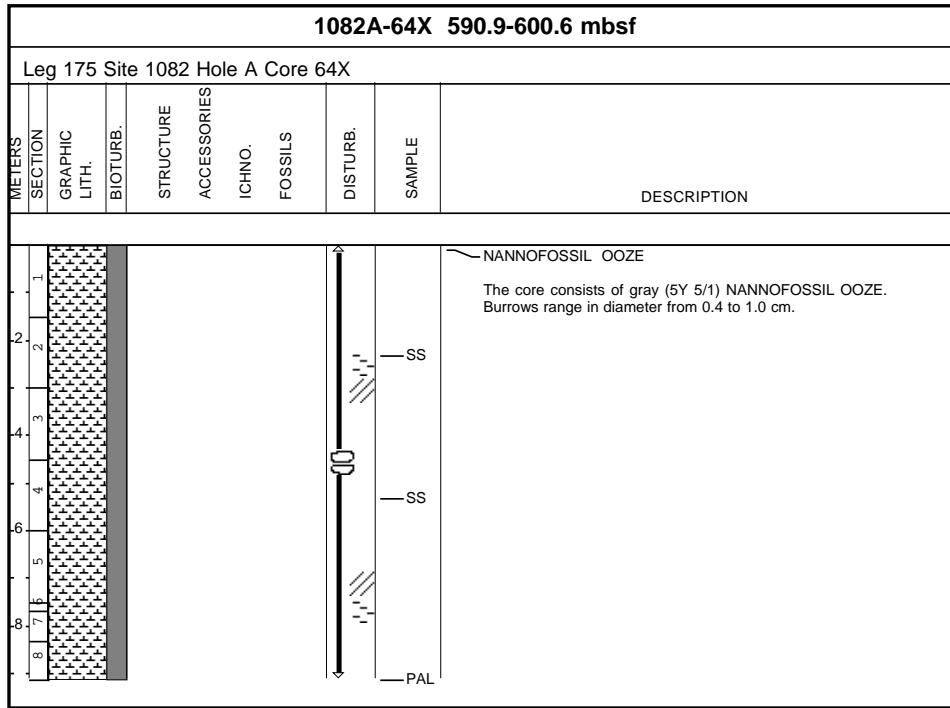
1082A-63X 581.3-590.9 mbsf						
Leg 175 Site 1082 Hole A Core 63X						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
				DISTURB.	SAMPLE	DESCRIPTION
1	2	3	4	5	6	7
8	7	6	5	4	3	2
6	5	4	3	2	1	0
4	3	2	1	0		
2	1					
0						

NANNOFOSSIL OOZE

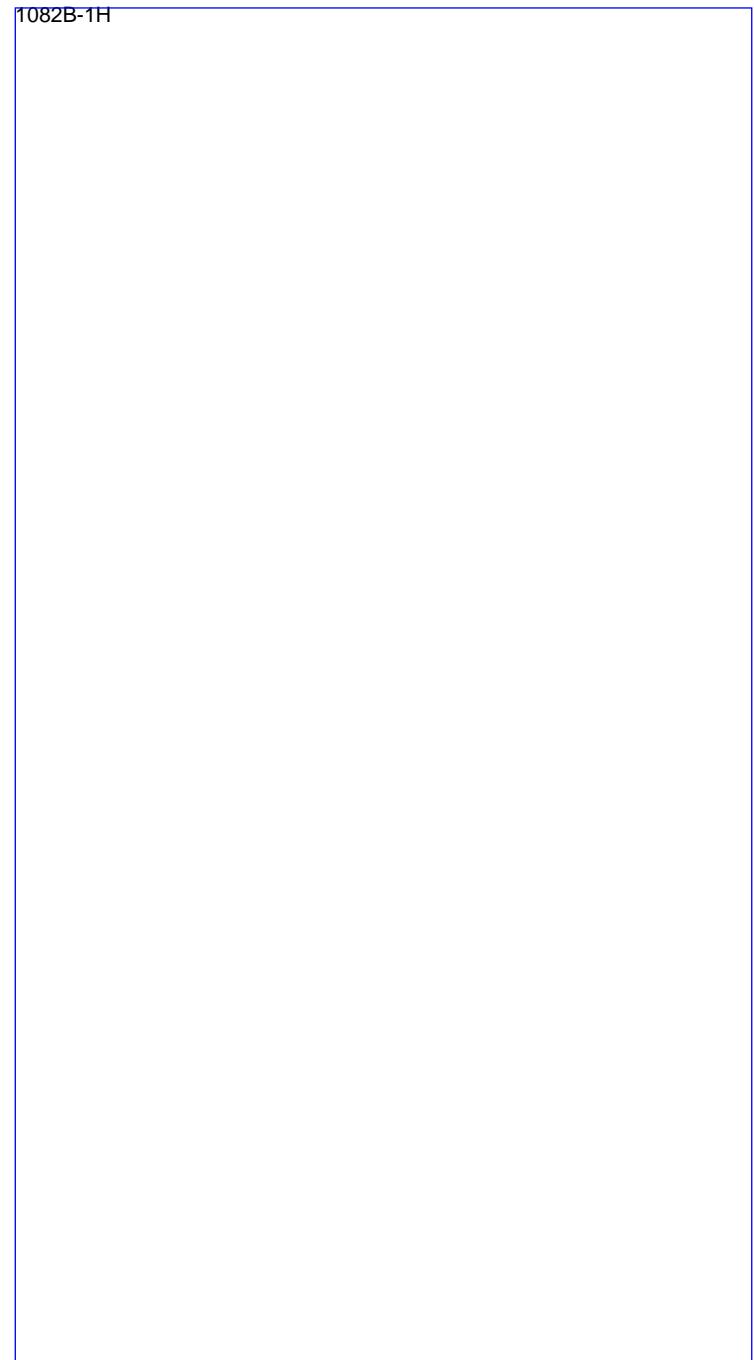
The core consists of light greenish gray (5GY 7/1) NANNOFOSSIL OOZE.

— SS
— IW
— PAL





1082B-1H 0.0-3.7 mbsf						
Leg 175 Site 1082 Hole B Core 1H						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	DESCRIPTION
0.0						
1.0						
2.0						
3.0						
						DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY
						The core consists of bioturbated, olive (5Y 5/3) to dark olive gray (5Y 3/2), DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. A gradual color change from olive to dark olive occurs down core.
					— SS	



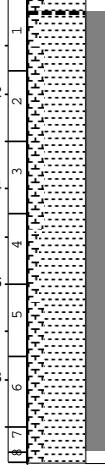
1082B-2H 3.7-13.2 mbsf						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	DESCRIPTION
			BIO TURB.		ICHNO.	FOSSILS
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1082B-3H 13.2-22.7 mbsf

Leg 175 Site 1082 Hole B Core 3H

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
10 9 8 7 6 5 4 3 2 1								vvv	— SS — SS	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-BEARING CLAY The core consists of olive NANNOFOSSIL- AND FORAMINIFER-RICH CLAY with intervals of dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING CLAY in Sections 4 and 7. The color changes gradationally over 40 cm.

1082B-3H

1082B-4H 22.7-32.2 mbsf										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
2.0 - 8.0	4.7							SS		FORAMINIFER- AND NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY
8.0 - 32.2	1							SS		The core consists of olive (5Y 5/3) FORAMINIFER- AND NANNOFOSSIL-RICH CLAY, with intercalated intervals of dark olive gray (5Y 3/2), and olive gray (5Y 4/2) NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY. A dark olive gray interval extends from Section 1, 30 cm, to Section 1, 80 cm. An olive gray interval extends from Section 4, 50 cm, to Section 5, 30 cm. Darker intervals are rich in organic matter, and surrounded, silt-sized monocrystalline and polycrystalline quartz grains.

1082B-4H

1082B-5H 32.2-41.7 mbsf						
Leg 175 Site 1082 Hole B Core 5H						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	DESCRIPTION
-10						
-9						
-8						
-7						
-6						
-5						
-4						
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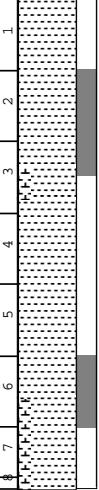
↔↔

DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY

The core consists of olive (5Y 4/3) DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. A dark olive interval occurs in Section 3, 52-90 cm, as well as a pale olive interval in Section 4, 10-80 cm. Burrows are 1 to 2 cm in diameter. Bioturbation is best observed within color transitions between intervals.

—SS

1082B-5H

1082B-6H 41.7-51.2 mbsf										
Leg 175 Site 1082 Hole B Core 6H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
10 8 6 4 2 1	1 2 3 4 5 6 7 8 9 10									NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-RICH CLAY The core consists of olive (5Y 4/3 to 5Y 5/3) and dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-RICH CLAY. Dark olive gray sediments are found in Section 2, 30 cm, to Section 3, 55 cm, and Section 6, 90 cm, to the bottom of the core. Burrows are 1 to 2 cm in diameter.

1082B-6H

1082B-7H 51.2-60.7 mbsf								
Leg 175 Site 1082 Hole B Core 7H								
METERS	SECTION	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	ppg ppp			NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL- AND FORAMINIFER-RICH CLAY	—SS —SS		The core consists of black (5Y 2.5/1) NANNOFOSSIL-BEARING CLAY and dark olive gray (5Y 3/2) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Black sediments are found in Section 1, 110 cm, to Section 3, 5 cm, and Section 6, 90 cm, to the bottom of the core. Bioturbation is evident in the dark olive gray clay.

1082B-7H

1082B-8H 60.7-70.2 mbsf						
Leg 175 Site 1082 Hole B Core 8H						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	DESCRIPTION
					ICHNO.	FOSSILS
				DISTURB.		SAMPLE
-10	1	2	3	4	5	6
-8	1	2	3	4	5	6
-6	1	2	3	4	5	6
-4	1	2	3	4	5	6
-2	1	2	3	4	5	6
0	1	2	3	4	5	6

1082B-8H

1082B-9H 70.2-79.7 mbsf										
Leg 175 Site 1082 Hole B Core 9H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -8 -6 -4 -2 1										NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY The core consists of NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. The color varies between olive (5Y 4/3) and dark olive gray (5Y 3/2). Olive colored sediments occur in Section 1 to Section 3, 100 cm, Section 4, 80 cm, to Section 5, 80 cm, and Section 7, 0-25 cm, and below 70 cm.



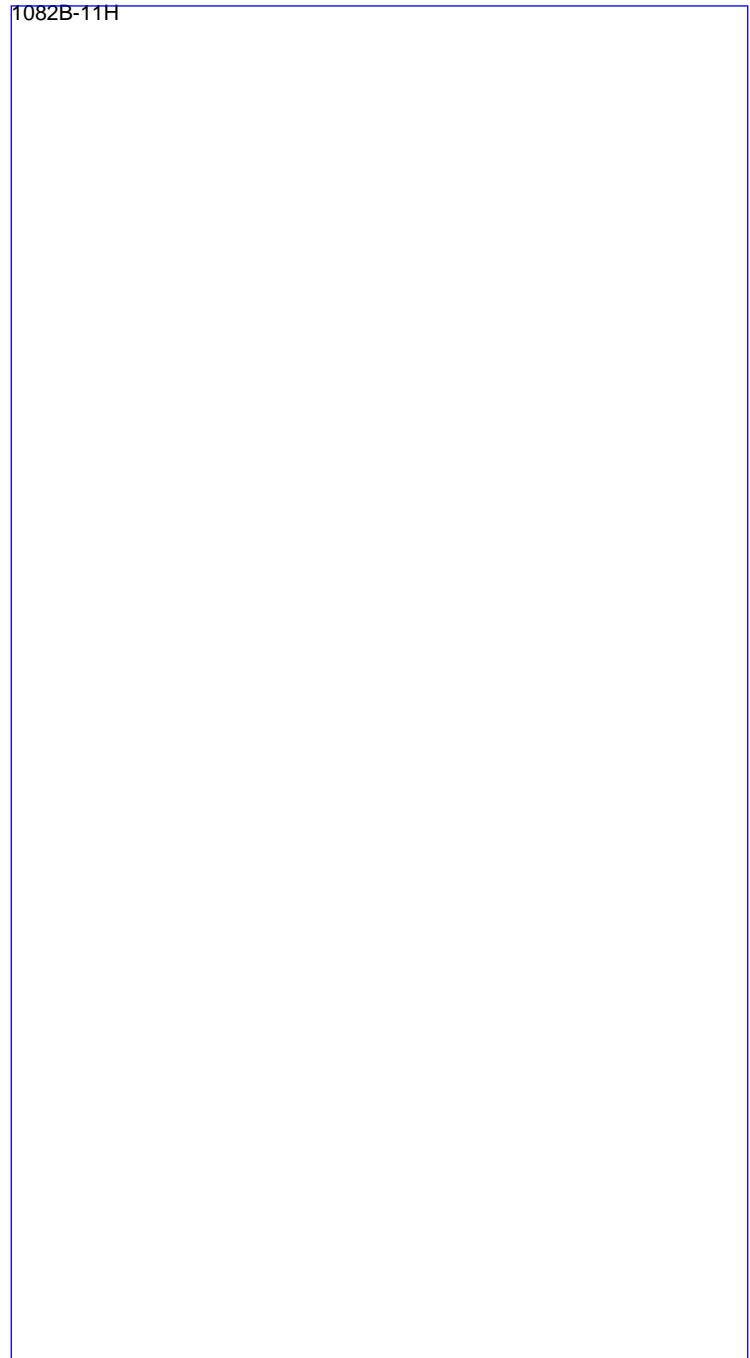
1082B-10H 79.7-89.2 mbsf						
Leg 175 Site 1082 Hole B Core 10H						
METERS	SECTION	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE
-10						
-8						
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NANNOFOSSIL AND FORAMINIFER-RICH CLAY and DIATOM-BEARING NANNOFOSSIL AND FORAMINIFER-RICH CLAY

The core consists of NANNOFOSSIL AND FORAMINIFER-RICH CLAY and DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Most of the core is olive (5Y 4/3) colored, except for intervals in Section 1, 0-20 cm, Section 0-100 cm, and Section 7, 60-88 cm, which are olive gray (5Y 4/2). Burrows are 1 to 2 cm in diameter.

1082B-10H

1082B-11H 89.2-98.7 mbsf						
Leg 175 Site 1082 Hole B Core 11H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
		DISTURB.			DESCRIPTION	
0.0 - 1.0					NANNOFOSSIL CLAY and CLAY	
1.0 - 2.0					The core consists of olive (5Y 5/4) to light olive brown (2.5Y 5/3) NANNOFOSSIL CLAY and black (5Y 2.5/2) CLAY.	
2.0 - 3.0			///		— SS	
3.0 - 4.0					— SS	
4.0 - 5.0					— SS	
5.0 - 6.0						
6.0 - 7.0						
7.0 - 8.0						
8.0 - 9.0						
9.0 - 10.0						



1082B-12H 98.7-108.2 mbsf

Leg 175 Site 1082 Hole B Core 12H

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
10 9 8 7 6 5 4 3 2 1										FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY The core consists of olive gray (5Y 4/2) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Dark olive gray (5Y 3/2) intervals extend from Section 1, 140 cm, to Section 2, 90 cm, and Section 4, 125 cm, to Section 5, 30 cm. SS

1082B-12H

SITE 1082

1082B-13H 108.2-117.7 mbsf

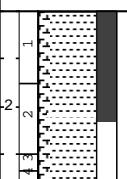
Leg 175 Site 1082 Hole B Core 13H

1082B-13H

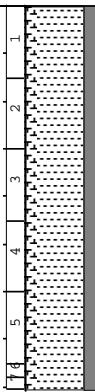
1082B-14H 117.7-127.0 mbsf						
Leg 175 Site 1082 Hole B Core 14H						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	SAMPLE
				ICHNO.	FOSSILS	DISTURB.
					DESCRIPTION	
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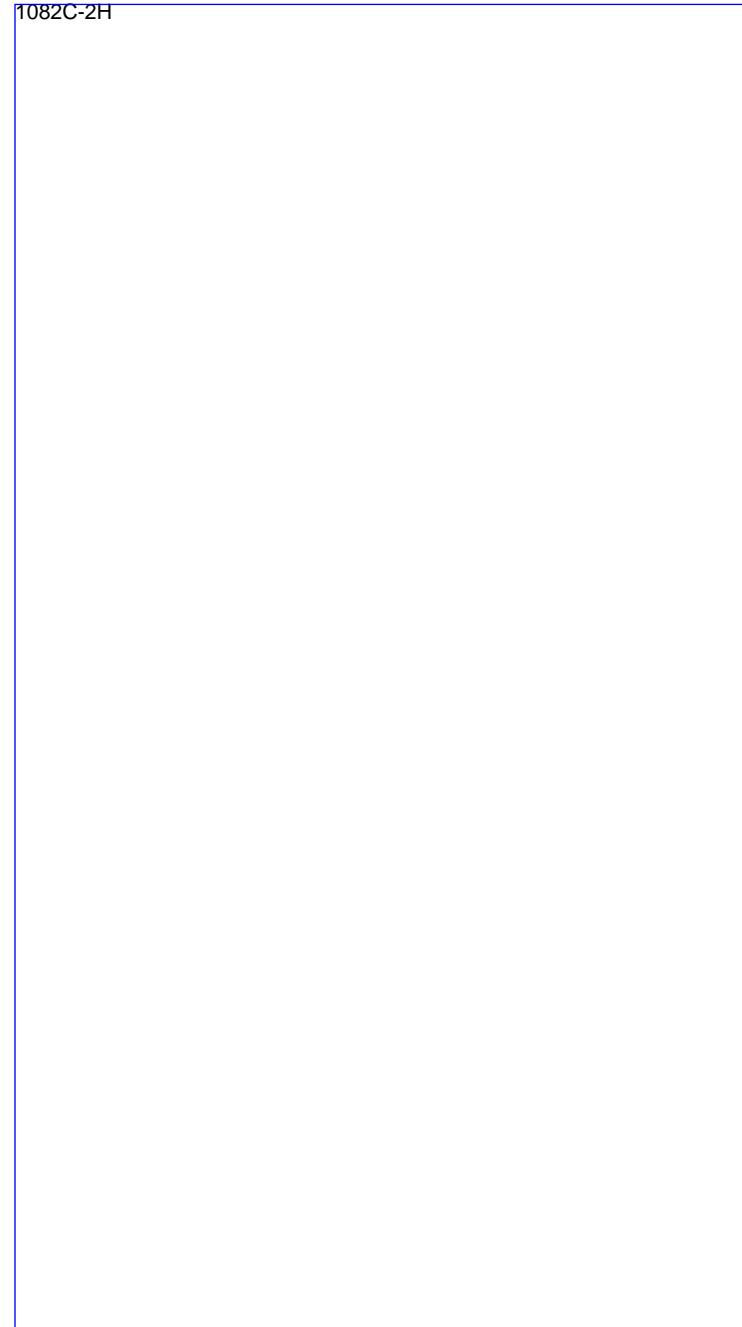
1082B-14H

SITE 1082

1082C-1H 0.0-3.5 mbsf								
Leg 175 Site 1082 Hole C Core 1H								
METERS	SECTION	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2.0						—SS —SS		DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY The core consists of olive (5Y 4/2) DIATOM-BEARING, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY.

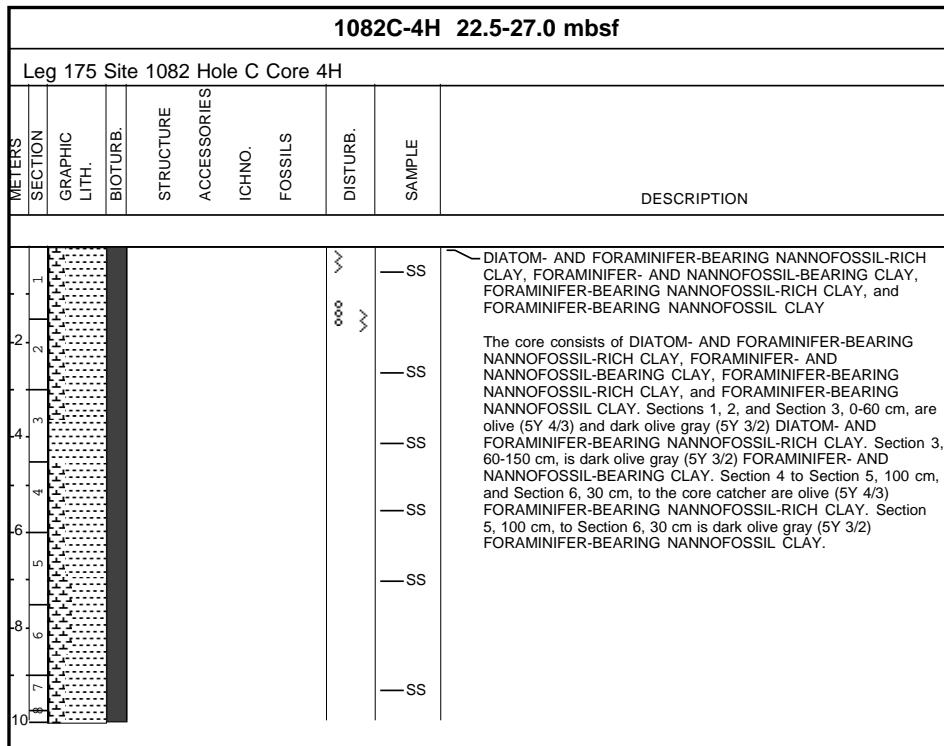


1082C-2H 3.5-13.0 mbsf						
Leg 175 Site 1082 Hole C Core 2H						
METERS	SECTION	GRAPHIC LITH.	Bioturb.	STRUCTURE	ACCESSORIES	SAMPLE
DESCRIPTION						
-8						
-7.0						
-6.0						
-5.0						
-4.0						
-3.0						
-2.0						
-1.0						
0.0						
1.0						
2.0						
3.0						
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8.0						
						
NANNOFOSSIL- AND FORAMINIFER-RICH CLAY						
The core consists of olive (5Y 4/3) and olive gray (5Y 4/2) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. The gradual color change in Section 4 coincides with a slight increase in abundances of nannofossils.						
— SS						
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— SS						
— SS						



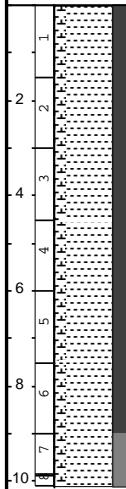
1082C-3H 13.0-22.5 mbsf						
Leg 175 Site 1082 Hole C Core 3H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
			ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION						
10	0.00	0.00				
8	0.00	0.00				
6	0.00	0.00				
4	0.00	0.00				
2	0.00	0.00				
1	0.00	0.00				





1082C-5H 27.0-36.5 mbsf										
Leg 175 Site 1082 Hole C Core 5H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -9 -8 -7 -6 -5 -4 -3 -2 -1										DIATOM-BEARING FORAMINIFER- AND NANNOFOSSIL-RICH CLAY and FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY

The core consists of olive (5Y 5/4) DIATOM-BEARING FORAMINIFER- AND NANNOFOSSIL-RICH CLAY in Sections 1 to 3 and pale olive (5Y 6/3) in Section 6 to the end of the core. Sections 4 and 5 are olive (5Y 4/3) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY.




1082C-6H 36.5-46.0 mbsf						
Leg 175 Site 1082 Hole C Core 6H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
10	1	2	3	4	5	6
9	1	2	3	4	5	6
8	1	2	3	4	5	6
7	1	2	3	4	5	6
6	1	2	3	4	5	6
5	1	2	3	4	5	6
4	1	2	3	4	5	6
3	1	2	3	4	5	6
2	1	2	3	4	5	6
1	1	2	3	4	5	6
0	1	2	3	4	5	6

1082C-6H

1082C-7H 46.0-55.5 mbsf										
Leg 175 Site 1082 Hole C Core 7H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -8 -6 -4 -2 1										FORAMINIFER-BEARING NANNOFOSSIL CLAY, NANNOFOSSIL CLAY, FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY
										The core consists of FORAMINIFER-BEARING NANNOFOSSIL CLAY, NANNOFOSSIL CLAY, FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY, and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY. Section 1 to Section 2, 70 cm, is olive gray (5Y 4/1) FORAMINIFER-BEARING NANNOFOSSIL CLAY. Sections 2, 70 cm, to Section 3, 40 cm, and Section 3, 110 cm, to Section 5, 30 cm, are very dark gray (5Y 3/1) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. Section 3, 40-110 cm, is olive (5Y 5/3) NANNOFOSSIL CLAY. Section 5, 30 cm, to end of the core is olive gray (5Y 4/1) FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY.



1082C-8H 55.5-65.0 mbsf										
Leg 175 Site 1082 Hole C Core 8H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -8 -6 -4 -2 1										NANNOFOSSIL-BEARING CLAY, FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY



1082C-9H 65.0-74.5 mbsf						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
					FOSSILS	DISTURB.
					SAMPLE	
						DESCRIPTION
1	1	2	3	4	5	6
2	2	3	4	5	6	7
3	1	2	3	4	5	6
4	2	3	4	5	6	7
5	3	4	5	6	7	
6	4	5	6	7		
7	5	6	7			
8	6	7				
9	7					

## Leg 175 Site 1082 Hole C Core 9H

## DESCRIPTION

FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY and DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL CLAY.

The core consists of FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY and DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL CLAY. Sections 1, 2, and 3 are dark olive brown (2.5Y 3/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Sections 4 and 5 are pale olive (5Y 6/3) DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. Sections 6 and 7 are olive brown (2.5 4/3) DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL CLAY.

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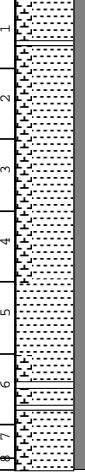
1082C-9H

1082C-10H 74.5-84.0 mbsf						
Leg 175 Site 1082 Hole C Core 10H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
			ICHNO.	FOSSILS	DISTURB.	SAMPLE
						DESCRIPTION
1	1	1				FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY and NANNOFOSSIL CLAY
2	2	2				The core consists of FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY and NANNOFOSSIL CLAY. Section 1 to Section 4 are dark olive gray (5Y 4/3) and olive (5Y 4/3) FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY. Section 5 to the end of the core is olive gray (5Y 4/2) NANNOFOSSIL CLAY. Small white nodules occur sparsely throughout Sections 5 and 6.
3	3	3			— SS	
4	4	4			— SS	
5	5	5			— SS	
6	6	6			/// SS	

1082C-10H

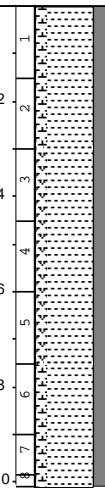
1082C-11H 84.0-93.5 mbsf									
Leg 175 Site 1082 Hole C Core 11H									
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -8 -6 -4 -2 1 2 3 4 5 6 7									NANNOFOSSIL FORAMINIFER CLAY and CLAY  The core consists of olive (5Y 4/3) NANNOFOSSIL FORAMINIFER CLAY. There are several intervals of dark olive brown (2.5Y 3/3) CLAY at Section 4, 64- 90 cm, Section 5, 80-150 cm, and Section 6, 110-150 cm, which gradate into the olive NANNOFOSSIL FORAMINIFER CLAY over 30-40 cm.



1082C-12H 93.5-103.0 mbsf										
Leg 175 Site 1082 Hole C Core 12H										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0										FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY
										The core consists of dark olive gray (5Y 3/2) to olive (5Y 5/3) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. Section 5 is dark olive brown (2.5Y 3/3) NANNOFOSSIL-BEARING CLAY.

1082C-12H

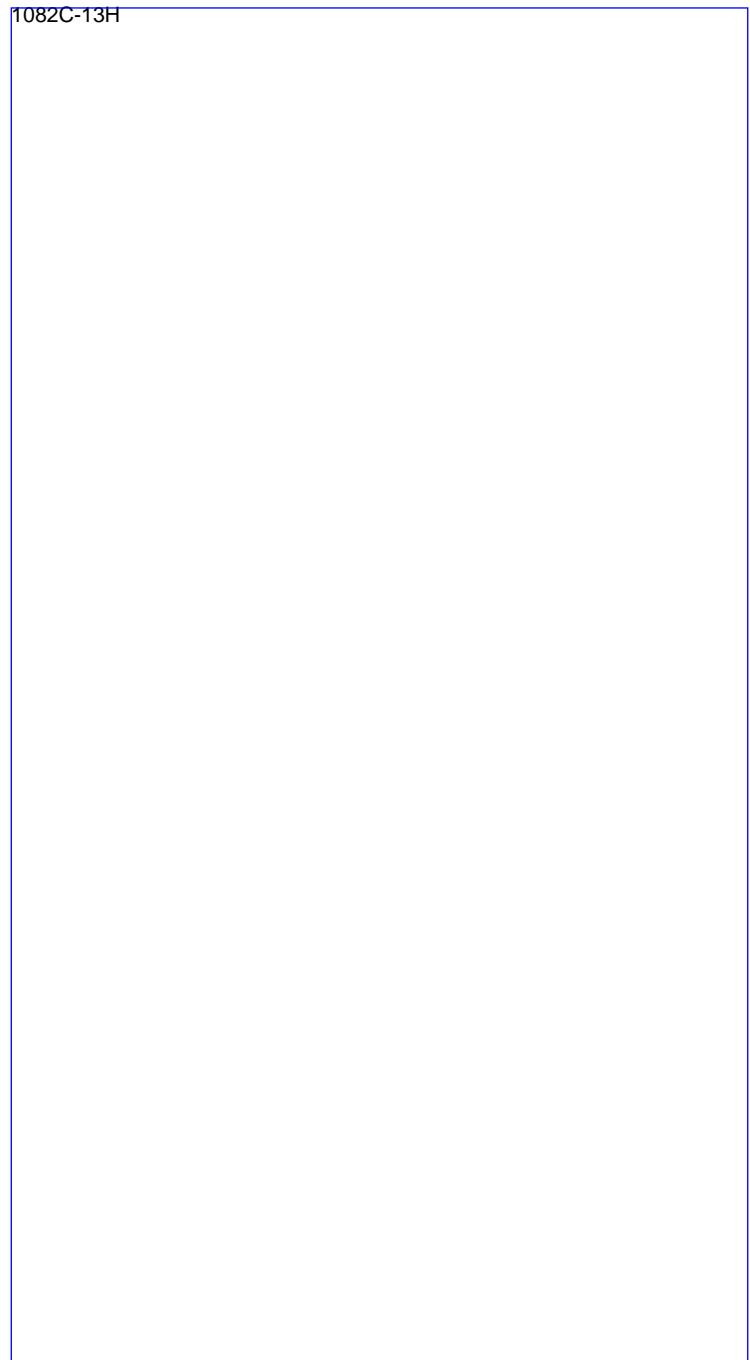
1082C-13H 103.0-112.5 mbsf						
Leg 175 Site 1082 Hole C Core 13H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
				DISTURB.	DESCRIPTION	
10	1	2	3	4	5	6
9	1	2	3	4	5	6
8	1	2	3	4	5	6
7	1	2	3	4	5	6
6	1	2	3	4	5	6
5	1	2	3	4	5	6
4	1	2	3	4	5	6
3	1	2	3	4	5	6
2	1	2	3	4	5	6
1	1	2	3	4	5	6

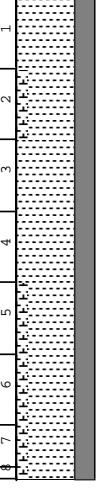


NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and DIATOM-RICH CLAY

The core consists of olive (5Y 4/3) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and a dark olive gray (2.5Y 3/2) DIATOM-RICH CLAY.

vv  
—ss  
vv  
vv  
—ss



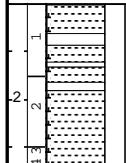
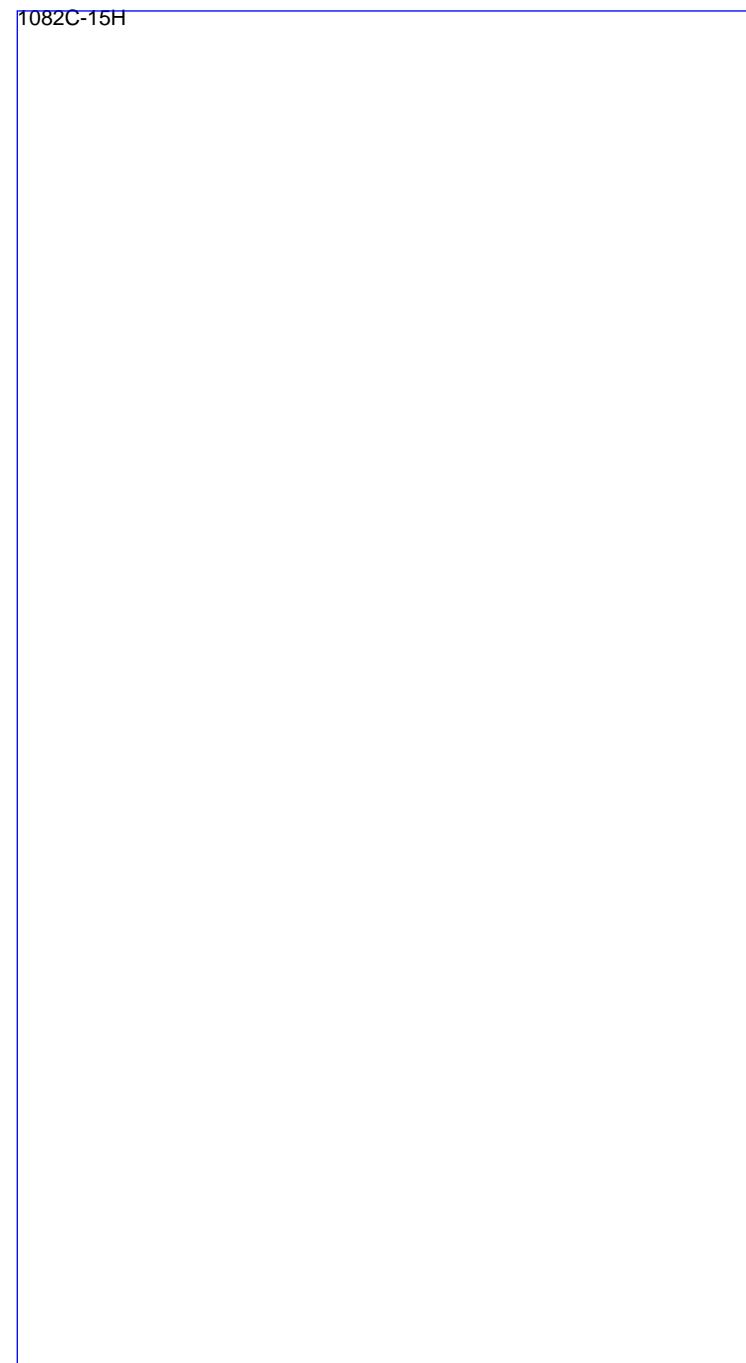
1082C-14H 112.5-122.0 mbsf										
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-10 -8 -6 -4 -2 1										DIATOM-BEARING AND NANNOFOSSIL- BEARING CLAY and DIATOM-BEARING, NANNOFOSSIL-RICH CLAY
										The core consists of olive gray (5Y 5/2) DIATOM-BEARING AND NANNOFOSSIL- BEARING CLAY. Sections 1, 3, and 4 contain several intervals of dark olive gray (5Y 3/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY.

1082C-14H

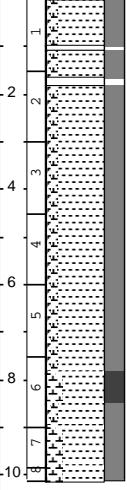
1082C-15H 122.0-125.0 mbsf							
Leg 175 Site 1082 Hole C Core 15H							
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DESCRIPTION

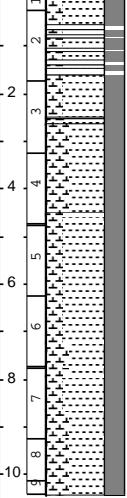
1	DIATOM-BEARING NANNOFOSSIL-RICH CLAY
2	The core consists of homogeneous, dark olive gray (5Y 3/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY.
3	SS

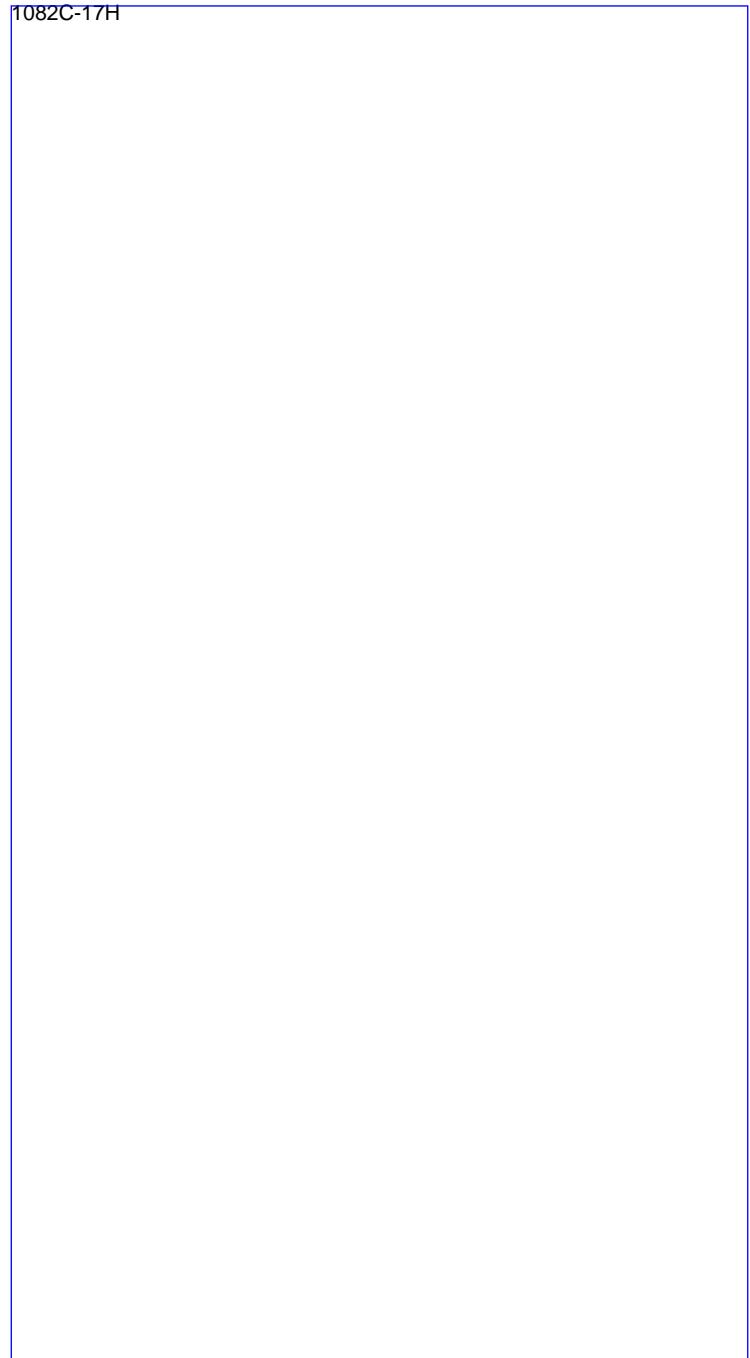



1082C-16H 125.0-134.5 mbsf							
Leg 175 Site 1082 Hole C Core 16H							
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.
		FOSSILS		DISTURB.	SAMPLE		
					DESCRIPTION		
1							
2					DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING NANNOFOSSIL-RICH CLAY		
4					The core consists of DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING NANNOFOSSIL-RICH CLAY. Sections 1 to 5, Section 6, 0-36 cm, and Section 6, 100-150 cm are dark olive gray (5Y 3/2) DIATOM- AND NANNOFOSSIL-RICH CLAY. Section 6, 36-100 cm, is olive (5Y 4/3) DIATOM-BEARING NANNOFOSSIL-RICH CLAY. Section 6, 100 cm, to the end of the core is black (5Y 2.5/1) NANNOFOSSIL-RICH CLAY.		
6							
8							
10							



1082C-16H

1082C-17H 134.5-144.0 mbsf											
Leg 175 Site 1082 Hole C Core 17H											
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.				
					DESCRIPTION						
0.0 - 10.0					<p>DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL CLAY, DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY, and FORAMINIFER- AND NANNOFOSSIL-RICH CLAY</p> <p>The core consists of black (5Y 2.5/1) FORAMINIFER- AND NANNOFOSSIL-RICH CLAY in Section 1 and Section 6, 100 cm-150 cm. Dark olive gray (5Y 3/2) DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL CLAY occurs in Section 2, Section 3, 90-150 cm, Section 3, 0-130 cm, and Section 6, 90-150 cm. Section 3, 0-90 cm, Section 4, 130-150 cm, Section 5, Section 6, 0-100 cm and Section 7, 20-90 cm, Section 8, and the core catcher are olive (5Y 4/3) DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. Burrows range in diameter from 1-2 cm.</p>						
2.0 - 8.0					↔	— SS					
4.0 - 6.0						— SS					
8.0 - 10.0						— SS					



1082C-18H 144.0-153.5 mbsf							
Leg 175 Site 1082 Hole C Core 18H							
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	FOSSILS	DESCRIPTION
-10 -8 -6 -4 -2 0	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	DIATOM-BEARING NANNOFOSSIL-RICH CLAY and DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY  The core consists of dark olive gray (5Y 3/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY. Section 6, 0-140 cm, is olive (5Y 4/3) DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. A black (5Y 2.5/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY interval is present at Section 2, 46-150 cm.



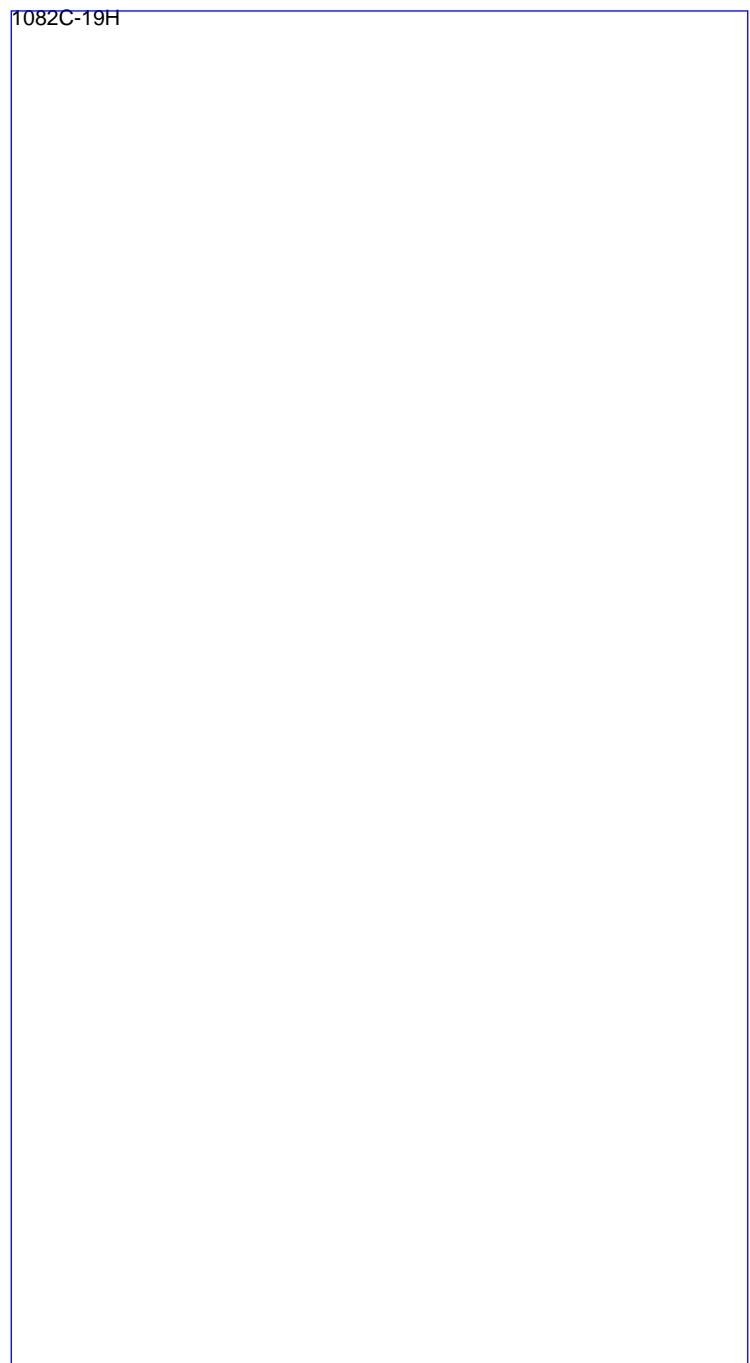
1082C-19H 153.5-163.0 mbsf						
Leg 175 Site 1082 Hole C Core 19H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
-10	1	2	3	4	5	6
-8	7	8	9	10		
-6						
-4						
-2						
0						
2						
4						
6						
8						
10						

DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING CLAY

The core consists of olive gray (5Y 4/2) to dark olive gray (5Y 3/2) DIATOM- AND NANNOFOSSIL-RICH CLAY, with intercalated intervals of very dark gray (5Y 3/1) DIATOM-BEARING CLAY. Dark olive gray DIATOM-BEARING CLAY intervals occur in Section 5, 5-70 cm, and Section 6, 50 cm to Section 7, 30 cm.

SS

SS



1082C-20H 163.0-172.5 mbsf							
Leg 175 Site 1082 Hole C Core 20H							
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DESCRIPTION
10							
8							
6							
4							
2							
1							

FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING CLAY

The core consists of olive (5Y 4/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Section 1 to Section 2, 20 cm, Section 3, 30-100 cm, and Section 4, 70 cm, to Section 5, 20 cm, are very dark gray (5Y 3/1) DIATOM-BEARING CLAY.

SS

SS

1082C-20H

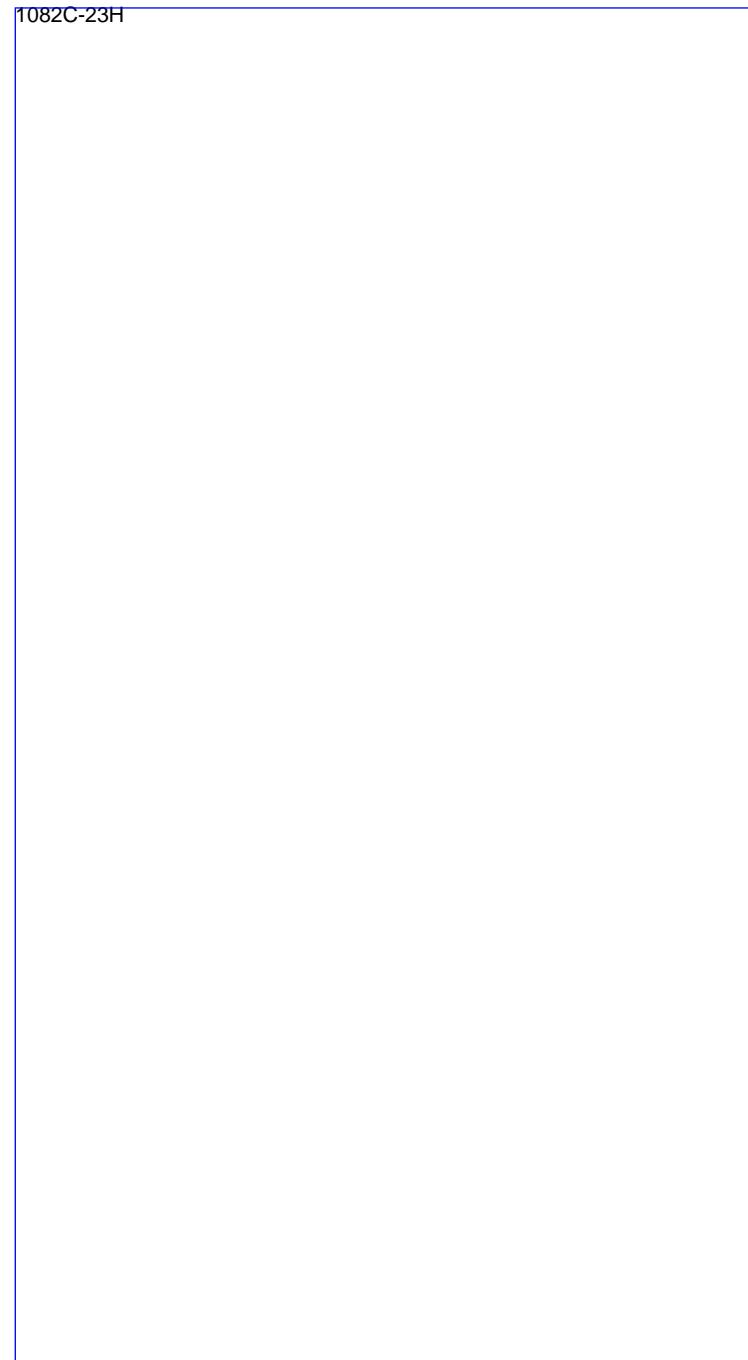
1082C-21H 172.5-182.0 mbsf											
Leg 175 Site 1082 Hole C Core 21H											
METERS	SECTION	GRAPHIC	LITH.	Bioturb.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1	1	1	1	1	1	1	1	1	1	1	DIATOM-RICH CLAY, FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL- RICH CLAY and FORAMINIFER-BEARING NANNOFOSSIL- RICH DIATOMACEOUS CLAY
2	2	2	2	2	2	2	2	2	2	2	The core consists of DIATOM-RICH CLAY, FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL- RICH CLAY and FORAMINIFER-BEARING NANNOFOSSIL- RICH DIATOMACEOUS CLAY. Section 1 to 3 is dark olive gray (5Y 3/2) DIATOM-RICH CLAY. Section 4 to Section 5, 90 cm, is olive (5Y 4/3) DIATOM- NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Section 5, 90 cm, to the end of the core is olive (5Y 4/3) NANNOFOSSIL- AND FORAMINIFER-RICH DIATOMACEOUS CLAY. Numerous voids caused by gas expansion occur throughout the core .
4	3	3	3	3	3	3	3	3	3	3	SS
6	4	4	4	4	4	4	4	4	4	4	SS
8	5	5	5	5	5	5	5	5	5	5	SS
10	6	6	6	6	6	6	6	6	6	6	SS
9	7	7	7	7	7	7	7	7	7	7	SS
8	8	8	8	8	8	8	8	8	8	8	SS
6	9	9	9	9	9	9	9	9	9	9	SS
4	10	10	10	10	10	10	10	10	10	10	SS

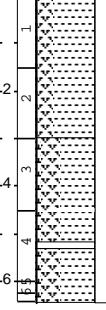


1082C-22H 182.0-191.5 mbsf						
Leg 175 Site 1082 Hole C Core 22H						
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES
					ICHNO.	FOSSILS
					DISTURB.	SAMPLE
					DESCRIPTION	
0.0					FORAMINIFER- BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-BEARING CLAY	
0.2					The core consists of FORAMINIFER- BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-BEARING CLAY. Sections 1 to 5 are olive (5Y 4/3) and dark olive gray (5Y 3/2) FORAMINIFER- BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Section 6 to the bottom of the core is dark olive brown (2.5Y 3/3) DIATOM- AND NANNOFOSSIL-BEARING CLAY.	
0.4						
0.6						
0.8						
1.0						
1.2						
1.4						
1.6						
1.8						
2.0						
2.2						
2.4						
2.6						
2.8						
3.0						
3.2						
3.4						
3.6						
3.8						
4.0						
4.2						
4.4						
4.6						
4.8						
5.0						
5.2						
5.4						
5.6						
5.8						
6.0						
6.2						
6.4						
6.6						
6.8						
7.0						
7.2						
7.4						
7.6						
7.8						
8.0						

1082C-22H

1082C-23H 191.5-195.6 mbsf						
Leg 175 Site 1082 Hole C Core 23H						
METERS	SECTION	GRAPHIC	LITH.	STRUCTURE	ACCESSORIES	ICHNO.
					FOSSILS	DISTURB.
					SAMPLE	DESCRIPTION
1						NANNOFOSSIL-RICH DIATOMACEOUS CLAY and DIATOMACEOUS CLAY
2						The core consists of NANNOFOSSIL-RICH DIATOMACEOUS CLAY and DIATOMACEOUS CLAY. Sections 1 to 3 are dark olive gray (5Y 3/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY. Section 4 to the bottom of the core is olive (5Y 4/3) DIATOMACEOUS CLAY.
3						
4						
					SS	
					XRD	



1082C-24H 195.6-202.0 mbsf							
Leg 175 Site 1082 Hole C Core 24H							
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO. FOSSILS DISTURB. SAMPLE
DESCRIPTION							
0.0 - 6.0							<p>NANNOFOSSIL-BEARING DIATOMACEOUS CLAY, NANNOFOSSIL-RICH DIATOMACEOUS CLAY</p> <p>The core consists of NANNOFOSSIL-BEARING DIATOMACEOUS CLAY, NANNOFOSSIL-RICH DIATOMACEOUS CLAY. Sections 1 and 2 are dark olive brown (2.5Y 3/3) NANNOFOSSIL-BEARING DIATOMACEOUS CLAY. Section 3 to the bottom of the core is olive (5Y 4/3) NANNOFOSSIL-RICH DIATOMACEOUS CLAY. A dolomite concretion is present within Section 1, 1-10 cm.</p>

1082C-24H