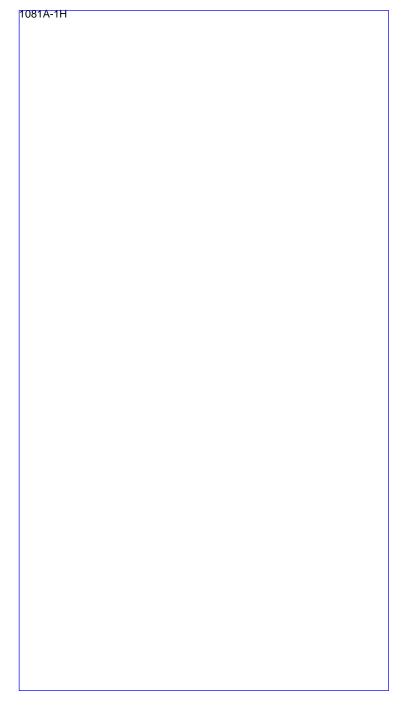
	1081A-1H 0.0-1.0 mbsf												
	Leg 175 Site 1081 Hole A Core 1H												
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION			
	7	F						8 }	—SS —PAL	NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY The core consists of soupy, olive (5Y 4/3) NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY.			





		1081A-2H 1.0-10.5 mbsf											
	Le	g 175	Sit	e 108	1 Ho	le A	Core 2	H					
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION			
L													
-2	2 1							000	—ss —ıw	CLAYEY NANNOFOSSIL AND FORAMINIFER OOZE The core consists of moderately bioturbated olive gray (5Y 4/2) CLAYEY NANNOFOSSIL AND FORAMINIFER OOZE.			
-4	5 4 3			<i>000</i>					—IW —SS				
L	<u>w</u>	+++							—PAL				

1081A-2H		

Γ	1081A-3H									10.5-20.0 mbsf
	Le	g 175	Sit	e 1081	l Hol	le A	Core 3	Н		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_									>
	1							3	—ss	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY
-2	3 2			<i>000</i> €	€				—ss	The core consists of moderately bioturbated NANNOFOSSIL- and FORAMINIFER-RICH CLAY. A mollusc shell 2 cm in diameter occurs in Section 2, 50 cm.
-8	- 2								—SS —SS	

1081A-3H

		1081A-4H	20.0-29.5 mbsf
Leg 175 Site 1081 H	ole A Core 4H	l	
METERS SECTION GRAPHIC LITH. BIOTURB. STRUCTURE	ICHNO.	DISTURB.	DESCRIPTION
-2 \(\infty\) \(\frac{\text{\tint{\text{\tinit}\\ \text{\texict{\texicr{\text{\text{\texit{\text{\texit{\texi{\text{\texi\tin\tiint{\texict{\texicl{\tilit{\tert{\texict{\texit{\texi{\texi{\texi{\texi{\texi{\tex		— \$\$ — \$\$ — IW — \$\$	FORAMINIFER-RICH NANNOFOSSIL OOZE and NANNOFOSSIL- AND FORMINIFER-RICH CLAY The core consists of dark olive gray (5Y 3/2) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY in Section 1 and Section 4, 50-90 cm, and olive gray (5Y 4/2) FORAMINIFER-RICH NANNOFOSSIL OOZE in the other sections. Burrow mottling is common in Sections 2, 3, 4, 5, and 6. Distinct flow-in structures occur from Section 6, 133 cm, down to the bottom of the core.

1081A-4H

							108	1A-5H	29.5-39.0 mbsf
Le	g 175	Site	1081	Hol	e A (Core 5	H		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2 -2 -4 -4 -8 -9 -8 -9 -8 -9 -8 -9 -8 -9 -8 -9 -8 -9 -8 -9 -8 -9 -9 -8 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9							\$\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	— ss — m	NANNOFOSSIL-RICH CLAY, CLAYEY NANNOFOSSIL OOZE, and DIATOM AND NANNOFOSSIL-RICH CLAY The core consists of dark olive gray (5Y 3/2) NANNOFOSSIL- and olive gray (5Y 4/2) FORAMINIFER-RICH CLAY and olive gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE. The two lithologies recur in regular intervals in the core. The whole core is bioturbated. At the bottom of Section 6, olive gray (5Y 4/2) DIATOM AND NANNOFOSSIL-RICH CLAY is present.

1081A-5H

	1081A-6H	39.0-48.5 mbsf
Leg 175 Site 1081 Hole A Core	6H	
METERS SECTION GRAPHIC LITH. BIOTURB. STRUCTURE ACCESSORIES ICHNO.	DISTURB.	DESCRIPTION
-2 -2	— SS — SS — IW — SS — PAL	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-RICH CLAY The core consists of dark olive gray (5Y 3/2) NANNOFOSSIL- and FORAMINIFER-RICH CLAY and NANNOFOSSIL-RICH CLAY. NANNOFOSSIL and FORAMINIFER-RICH CLAY is present between Section 4, 90 cm, and Section 5, 20 cm. The whole core is bioturbated.

1081A-6H

1081A-7H									1A-7H	48.5-58.0 mbsf
L	.eg	175	Site	e 1081	Hol	e A	Core 7	7H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
	1	7 7 7							—ss	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY The core consists of moderately bioturbated, olive gray (5Y 4/2), and dark olive gray (5Y 3/2) NANNOFOSSIL AND
-2-	2	T							—ss	FORAMINIFER-RICH CLAY. In Sections 1, 3, and 4 distinct changes in color occur at 120 cm, 50 cm, and 90 cm, respectively, from olive gray to dark olive gray.
4	3	7. 7.							—ss	
	4	7 7							ıw	
-6-		7. 7. 7.							—ss	
-	2	7. 7. 7.								
-8-	9	T							—ss	
	8 7	T T							—PAL	

1081A-7H

	1081A-8H 58.0-67.5 mbsf								
Leg 17	Leg 175 Site 1081 Hole A Core 8H								
METERS SECTION GRAPHIC	BIOTURB.	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION		
2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -					· · · · · · · · · · · · · · · · · · ·	— ss — lw — ss — ss	NANNOFOSSIL AND FORAMINIFER-RICH CLAY and FORAMINIFER-BEARING AND NANNOFOSSIL-RICH CLAY This core consists of a moderately bioturbated, dark olive gray (5Y 3/2) to olive gray (5Y 4/2) NANNOFOSSIL AND FORAMINIFER-RICH CLAY, and black (5Y 2.5/1) FORAMINIFER-BEARING AND NANNOFOSSIL-RICH CLAY. Dark olive gray, olive gray, and black intervals are between 100 and 150 cm thick. Bioturbation is best seen at sharp color transitions between intervals. Mixing from bioturbation extends at least 20 cm on either side of these interfaces.		

1081A-8H

							108	1A-9H	67.5-77.0 mbsf
Le	eg 175	Site	1081	Hol	e A	Core 9	Н		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	F	1					5		NANNOFOSSIL AND FORAMINIFER-RICH CLAY and
]-	<u> </u>						3		DIATOM-BEARING NANNOFOSSIL-RICH CLAY
-2	7							—ss	DIATOM-BEARING NANNOFOSSIL-RICH CLAY The core consists of a moderately bioturbated, dark olive gray (5Y 3/2) NANNOFOSSIL AND FORAMINIFER- RICH CLAY with an intercalated, very dark gray (5Y 3/1), 20 cm thick interval of DIATOM-BEARING NANNOFOSSIL-RICH CLAY in Section 6. Burrows are 1 to 2 cm thick in diameter. The transition from dark olive gray to very dark gray is gradational over 20 cm.
-8-4							}	—SS —PAL	

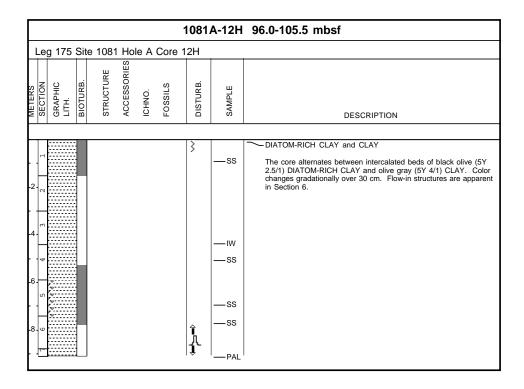
1081A-9H

				400	A 4011	77.0.00 5
				1081	A-10H	77.0-86.5 mbsf
Leg 175 Sit	e 1081	Hole A	Core	10H		
METERS SECTION GRAPHIC LITH. BIOTURB.	STRUCTURE	ACCESSORIES ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
4.				}	— ss — ss — ss — pal	FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY and DIATOM-RICH CLAY The core consists of moderately bioturbated, olive gray (5Y 4/2) FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, with two, 60 and 120 cm thick, dark olive gray, DIATOM-RICH CLAY intervals rich in organic matter within Sections 1, and 6, respectively. Contacts between intervals are gradational over 20-30 cm. Burrows are 1-2 cm in diameter.

1081A-10H

								1081	A-11H	86.5-96.0 mbsf
L	_eç	g 175	Site	1081	Hole	e A	Core 1	1H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-4-	87 6 5 4 3 2 1							3	— SS — SS — IW — SS	CLAY, DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING CLAY The core consists of olive gray (5Y 4/2), DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING CLAY, and dark olive gray (5Y 3/2) CLAY rich in organic matter. There is a gradual progression down core from dark olive gray CLAY in Section 1, to DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY in Section 3, and to DIATOM-BEARING CLAY in Section 5. The transition in color between the dark olive gray CLAY to DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY in Section 1 is gradational over 20-30 cm.

1081A-11H



1081A-12H

1081A-13H								081 <i>A</i>	\-13H	105.5-115.0 mbsf
ı	Le	g 175	Site	e 1081	Hole	e A	Core 1	ЗН		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_									
-4	5 4 3 2 1								— ss — ss	DIATOM-RICH CLAY and DIATOM- AND NANNOFOSSIL-RICH CLAY The core consists of moderately bioturbated, dark olive gray (5Y 2.5/2) DIATOM-RICH CLAY, and olive gray (5Y 4/2) DIATOM-AND NANNOFOSSIL-RICH CLAY. Small, 0.5 mm white nodules are disseminated throughout the core.
-8	9	,						}	—PAL	

1081A-13H

						•	1081	∖-14H	115.0-124.5 mbsf
Le	g 175	Site	e 1081	1 Ho	le A	Core	14H		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
Н							}		DIATOM-RICH CLAY, DIATOM-RICH CLAY AND DIATOM- AND NANNOFOSSIL-RICH CLAY
-2- _N	y							—ss	The core consists of intercalated black (5Y 2.5/1) DIATOM-RICH CLAY and olive (5Y 4/2) DIATOM- AND NANNOFOSSIL-RICH CLAY. The whole core is bioturbated.
- 4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							—ss	
-6	,							—ss	
-8- _{\o}								—ss	
-	(<u>*</u>						}	—PAL	

1081A-14H

							1	081 <i>A</i>	\-15H	124.5-134.0 mbsf
L	<u>.eg</u>	175 5	Site	1081	Hole	Α (Core 1	5H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_		_						_	— DIATOM-RICH CLAY
- 2	1	× × × × × × × × × × × × × × × × × × ×							—ss	The core consists of moderately bioturbated black (5Y 2.5/2) and olive gray (5Y 4/2) DIATOM-RICH CLAY. A gradational color change from olive gray to black occurs in Section 7, 60 cm.
-	2	V V								
- 4	3	Ž							—ss —ıw	
- 6	4									
- 8	6 5	V. V.								
	7	V.							—ss	
-10	₩	, , , , , , , , , , , , , , , , , , ,							—SS —PAL	

1081A-15H

							1	081	\-16H	134.0-137.0 mbsf
	Leç	g 175	Sit	e 1081	Hol	e A	Core 1	16H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L								TĄ		
-4	8 7 6 5 3							<u>}</u>		The core consists mainly of drilling mud and was not described.

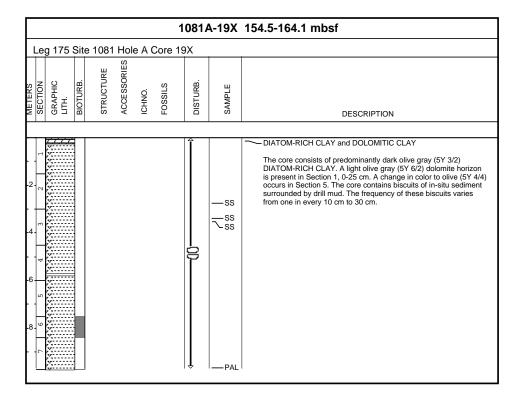
F	1081A-16H		
-1			

							1081	A-17X	137.0-146.0 mbsf
Le	g 175	Site	1081	Hole	e A	Core	17X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
Н	,,	1						~ss	— DIATOM-RICH CLAY
-2 · N	/ Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y						↔	—ss	The core consists of black (5Y 2.5/2) and dark olive gray (5Y 3/2) DIATOM-RICH CLAY. The core contains 2 cm-thick biscuits of in-situ sediment surrounded by drill mud. These biscuits occur every 10 to 30 cm. Sampling was restricted to only the biscuits. A dolomite horizon occurs in Section 1, 0-24 cm.
-66	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						+	—SS —SS —PAL	

1081A-17X

							1	1081	\-18H	146.0-154.5 mbsf
ı	_eg	175	Site	1081	Hol	e A	Core	18H		
METRES	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2 -4 -6	1 6 5 4 3 2 1	y y y y y y y y y y y y y y y y y y y						000	— \$\$ — \$\$ — IW — \$\$ — \$\$	DIATOM-RICH CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY The core consists of dark olive gray (5Y 3/2) and olive gray (5Y 4/2) DIATOM-RICH CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY, respectively. Bioturbation is moderate throughout the core.

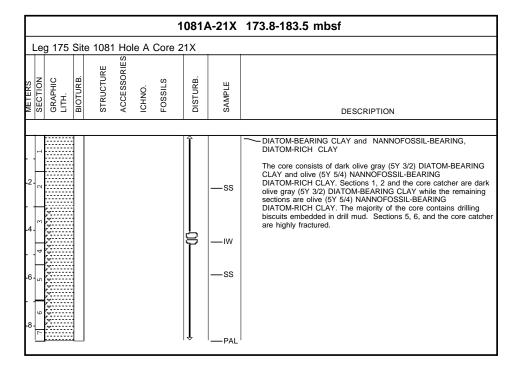
1081A-18H

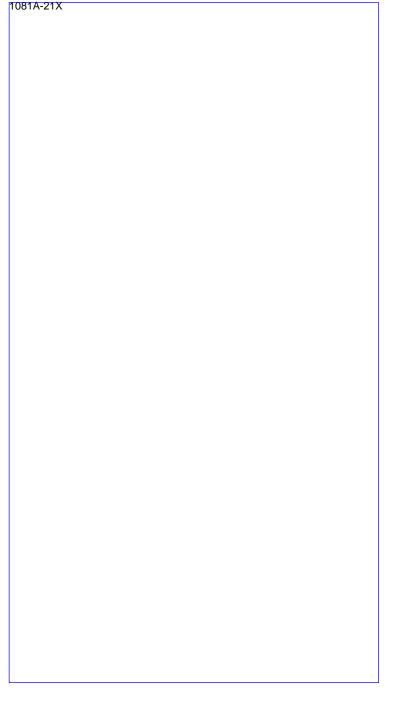


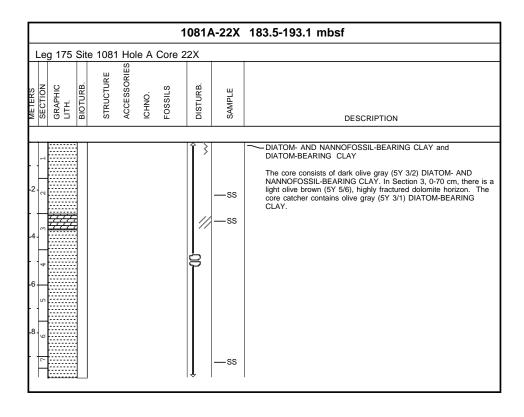
1081A-19X

						•	1081	A-20X	164.1-173.8 mbsf
Le	eg 175	Site	e 1081	Hole	e A	Core 2	20X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-4-							âDD	— \$\$ — \$\$	DIATOM-RICH CLAY, AND NANNOFOSSIL-BEARING DIATOM-RICH CLAY The core consists of dark olive gray (5Y 3/2) DIATOM-RICH CLAY and olive (5Y 5/4) NANNOFOSSIL-BEARING DIATOM-RICH CLAY. A dolomite horizon occurs in Section 2, 60-110 cm. The core contains biscuits of in-situ sediment which are surrounded by drill mud.

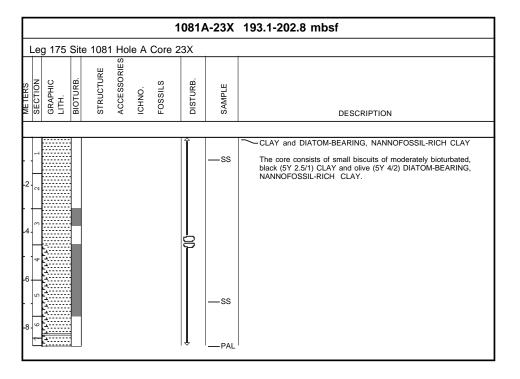
1081A-20X		
1001A-20A		







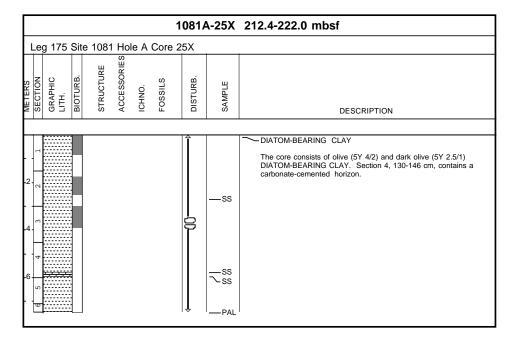
1081A-22X



1081A-23X

	1081A-24X	202.8-212.4 mbsf
Leg 175 Site 1081 Hole A	Core 24X	
METERS SECTION GRAPHIC LITH. BIOTURB. STRUCTURE ACCESSORIES	FOSSILS DISTURB.	DESCRIPTION
2-	—ss —iw —ss —pal	DIATOM and NANNOFOSSIL-RICH CLAY and DIATOM-BEARING CLAY The core contains olive (5Y 4/2) NANNOFOSSIL- AND DIATOM-RICH CLAY and black (5Y 2.5/1) DIATOM-BEARING CLAY. Drilling biscuits occur throughout the core.

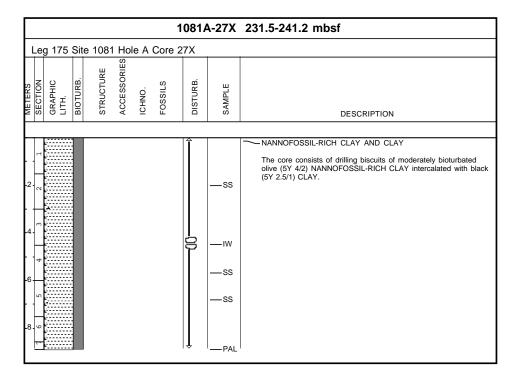
1081A-24X		
1001/1-24/		
1		



1081A-25X

						1	081	\-26X	222.0-231.5 mbsf
Le	g 175	Site	1081	Hol	e A	Core 2	6X		
METERS SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2 -2 -2 -4 - 4 - 4 - 4 - 4 - 4 - 4 - 4							Î	—\$\$ —\$\$ —PAL	NANNOFOSSIL-RICH CLAY AND CLAY The core consists of moderately bioturbated olive (5Y 4/2) NANNOFOSSIL-RICH CLAY intercalated with black (5Y 2.5/1) CLAY.

1091A 26V		
1081A-26X		



1081A-27X		

							1081	A-28X	241.2-250.8 mbsf
Le	eg 175	Sit	e 1081	Hol	e A	Core	28X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
.4.							<u></u>	\tag{SS} \$SS\$ \$\tag{SS}\$ \$SS\$ \$= PAL	NANNOFOSSIL-RICH CLAY, NANNOFOSSIL-BEARING CLAY, and CLAY The core contains intercalated intervals of olive (5Y 4/2) NANNOFOSSIL-RICH CLAY, olive gray (5Y4/1) NANNOFOSSIL-BEARING CLAY, and olive black (5Y 2.5/2) CLAY. Drilling biscuits, surrounded by drill mud, occur throughout the core. Bioturbation is evident within the biscuits.

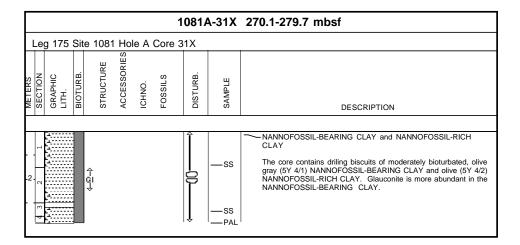
1001 V 200			
1081A-28X			

1081A-29X								\-29X	250.8-260.4 mbsf
Le	g 175	Site	e 1081	Hol	e A	Core 2	29X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2 - 2 - 4 - 4 - 6 - 4 - 4 - 6 - 4								—ss —ss	The core contains driling biscuits of intercalated intervals of moderately bioturbated, olive (5Y 4/2), DIATOM-BEARING, NANNOFOSSIL-RICH CLAY and black (5Y 2.5/1) CLAY.

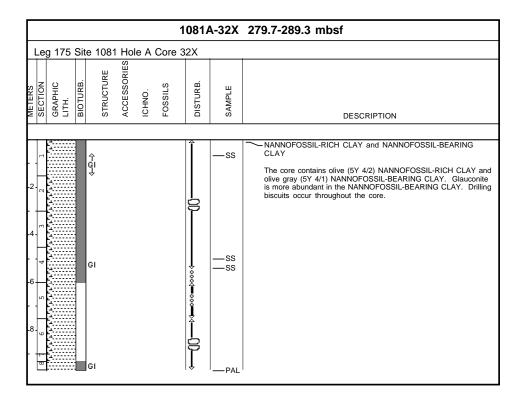
1081A-29X		

1081A-30X									260.4-270.1 mbsf
Le	g 175	Site	1081	Hol	e A	Core	30X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
							Î	— \$\$ — IW — \$\$ — PAL	NANNOFOSSIL-RICH CLAY AND NANNOFOSSIL-BEARING CLAY The core contains olive gray (5Y 4/1) NANNOFOSSIL-BEARING CLAY and olive (5Y 4/2) NANNOFOSSIL-RICH CLAY. Drilling biscuits which contain bioturbation occur throughout the core.

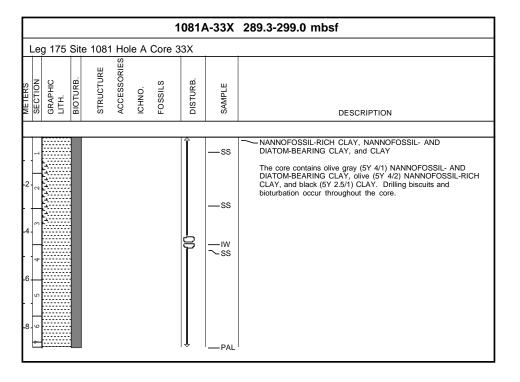
1081A-30X			
10017-007			



108	31A-31X			



1081A-32X



1081A-33X		
	 · · · · · · · · · · · · · · · · · · ·	

1081A-34X									4-34X	299.0-308.6 mbsf
Leg 175 Site 1081 Hole A Core 34X								34X		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2	3 2 1								—ss	DIATOM AND NANNOFOSSIL-BEARING CLAY The core consists of black (5Y 2.5/1) DIATOM- AND NANNOFOSSIL-BEARING CLAY. Drilling biscuits occur throughout the core.

1081A-34X		

1081A-35X										308.6-318.2 mbsf
	Le	g 175	Sit	e 1081		e A	Core 3	35X		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
2-2-10-10-10-10-10-10-10-10-10-10-10-10-10-									—ss —ss ¬ss ¬pal	— NANNOFOSSIL-RICH CLAY The core consists of drill biscuits of dark olive gray (5Y 3/2) and black (5Y 2.5/2) NANNOFOSSIL-RICH CLAY. A dolomite horizon is present in the last 30 cm of the core catcher.

1081A-35X

		1081	4-36X	318.2-327.8 mbsf
Leg 175 Site 108	1 Hole A Core	36X		
METERS SECTION GRAPHIC LITH. BIOTURB.	ACCESSORIES ICHNO.	DISTURB.	SAMPLE	DESCRIPTION
2			— \$\$ — IW — \$\$ — \$\$ — \$\$	NANNOFOSSIL-RICH CLAY and CLAY The core consists of dark olive gray (5Y 3/2) and olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY and black (5Y 2.5/2) CLAY. At Section 6, 80 cm, the color changes from olive gray to light olive gray. The light olive gray interval contains dolomite. Bioturbation is moderate in Sections 2, 3, 4, and 7. Drilling biscuits occur throughout the core.

1081A-36X		

Ī								1081	4-37X	327.8-337.5 mbsf
	Le	g 175	Site	1081	Hole	e A	Core	37X		
	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
ŀ	_	<u> </u>						T \$		- MANINGFORGII DICH CLAV CLAV
	5 4 4 4							Î	—ss	NANNOFOSSIL-RICH CLAY and CLAY The core consists of olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY and black (5Y 2.5/2) CLAY. Drilling biscuits which contain moderate burrow mottling occur throughout the core.
ŀ	. 9								—SS —SS —PAL	

1081A-37X

							1	081	4-38X	337.5-347.1 mbsf
	Le	g 175	Sit	e 1081	l Hol	e A	Core 3	8X		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
Г										
-2	4 3 2 1							_	— SS — SS	— NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY The core consists of light olive gray (5Y 6/2) NANNOFOSSIL-RICH CLAY and olive gray (5Y 4/2) NANNOFOSSIL-BEARING CLAY. Drilling biscuits occur throughout the core.

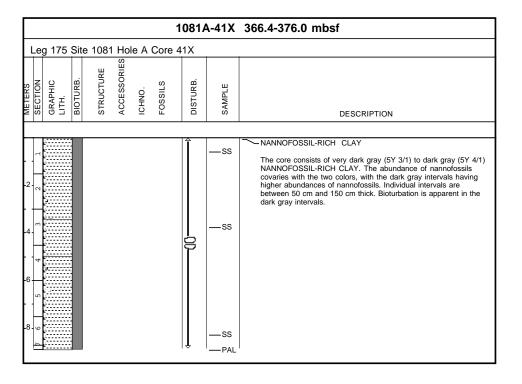
1081A-38X	

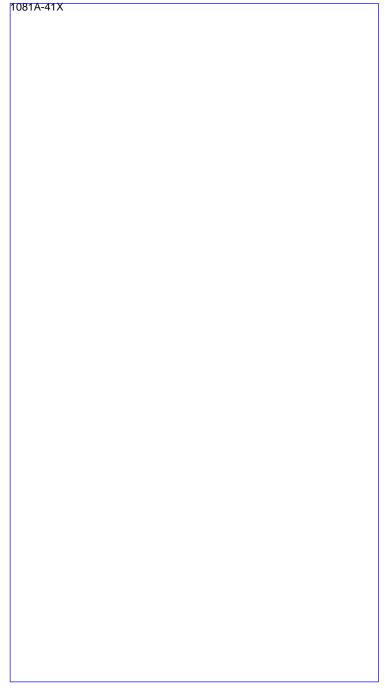
	1081A-39X	347.1-356.8 mbsf
Leg 175 Site 1081 Hole A Core	39X	
METERS SECTION GRAPHIC LITH. BIOTURB. STRUCTURE ACCESSORIES ICHNO. FOSSILS	DISTURB.	DESCRIPTION
4	— SS — IW — SS — PAL	NANNOFOSSIL CLAY The core consists of moderatly bioturbated light olive gray (5Y 6/2) NANNOFOSSIL CLAY. Drilling biscuits occur throughout the core.

Т	004 A 20V		
	081A-39X		
- 1			
- 1			

							1	081	A-40X	356.8-366.4 mbsf
	Le	g 175	Sit	e 108	1 Ho	le A	Core 4	10X		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-	. 2							Î	—SS —PAL	NANNOFOSSIL-RICH CLAY The core consists of moderately bioturbated olive gray (5Y 5/2) and gray (5Y 5/2) NANNOFOSSIL-RICH CLAY. A sharp color change occurs at Section 1, 60 cm. Drilling biscuits occur throughout.

1081A-40X			
	1081A-40X		





						1	081	A-42X	376.0-385.6 mbsf
Le	g 175	Site	1081	Hol	e A	Core 4	12X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
							00	— ss — iw — ss — ss	NANNOFOSSIL-RICH CLAY The core consists of biscuits embedded in drill mud of very dark gray (5Y 3/1), dark olive gray (5Y 3/2) and olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY. The color variation appears to correspond to the relative abundances of nannofossils, the lighter-colored intervals containing greater abundances of nannofossils.

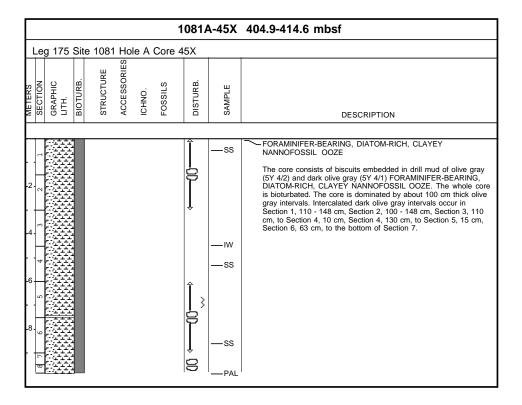
1081A-42X
1001A-42A

							1081	A-43X	385.6-395.3 mbsf
Le	g 175	Site			e A	Core	43X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2 - 2 - 2 - 2 - 4 - 6 - 4 - 4 - 6 - 4 - 4 - 6 - 4 - 4							Î 00-	—ss	NANNOFOSSIL-RICH CLAY and CLAYEY NANNOFOSSIL OOZE The core consists of biscuits embedded in drill mud of very dark gray (5Y 3/2) and dark olive gray (5Y 4/1) NANNOFOSSIL-RICH CLAY. Olive gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE is present in Section 3, 40 to 140 cm. The changes in color and lithology are gradual. The whole core is bioturbated.
-8-9							}	—PAL	

1081A-43X

							1	081	۹-44X	395.3-404.9 mbsf
Ī	Leg 175 Site 1081 Hole A Core 44X									
METERS	SECTION	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2	2								—ss —ss —ıw	FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL-RICH CLAY The core consists of biscuits embedded in drill mud of dark olive gray (5Y 4/1) and very dark gray (5Y 3/2) FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY and olive gray (5Y 4/2) FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL-RICH CLAY. The whole core is bioturbated.

1081A-44X
10017-447



1081A-45X

	1081A-46X	414.6-424.2 mbsf
Leg 175 Site 1081 Hole A Core	46X	
METERS SECTION GRAPHIC LITH. BIOTURB. STRUCTURE ACCESSORIES ICHNO. FOSSILS	DISTURB.	DESCRIPTION
2 · · · · · · · · · · · · · · · · · · ·	—ss —ss —ss	CLAYEY NANNOFOSSIL OOZE The core contains biscuits of gray (5Y 5/2) to olive gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE. The color changes gradually from gray in Section 1 to olive gray in Section 2 and back to gray in Section 6. Bioturbation occurs throughout the core.

1081A-46	SX		
100171	,,,		
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1			

1081A-47X								\-47X	424.2-433.8 mbsf
Lε	eg 175	Site	1081	Hol	e A	Core 4	17X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	· · · · · · · · · · · · · · · · · · ·	4					14		
-2-0								—ss	CLAYEY NANNOFOSSIL OOZE The core contains an olive gray (5Y 4/1) to gray (5Y 5/2) CLAYEY NANNOFOSSIL OOZE. The color changes gradationally from an olive gray in Section 1 to a gray in Section 2 and back to olive gray in Section 6. Biscuits and bioturbation occur throughout the core.
8 9 6								—— SS	

1081A	-47X		

					1	081 <i>A</i>	\-48X	433.8-443.5 mbsf
Leg 175	Site	1081	Hole	Α (Core 4	8X		
METERS SECTION GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
4. E						<u></u>	—ss	The core contains an olive gray (5Y 4/1) to gray (5Y 5/2) CLAYEY NANNOFOSSIL OOZE. The color changes gradually from an olive gray in Sections 1 and 2 to gray in Section 3 and back to olive gray from Section 4, 36 cm, to the end of the core. Drilling biscuits and bioturbation exists throughout the core.

[2]	1081A-48X		
-[1	1001A-40A		
Т			
Т			
Т			
Т			
Т			
Т			

						•	1081	\-49X	443.5-452.7 mbsf
Le	g 175	Site	1081	Hole	e A	Core 4	49X		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2- 6								—SS	CLAYEY NANNOFOSSIL OOZE The core consists of a moderately bioturbated, olive gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE.

1081A-49X

	1081B-1H 0.0-5.0 mbsf									
Le	g 175	Site	1081	Hol	le B	Core 1	Н			
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
-2 - 2 - 8 - 4 - 8 - 8	7 7 7 7 7 7 7 7 7 7 7 7 7 7						00	—ss	NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY and NANNOFOSSIL-AND DIATOM-BEARING, FORAMINIFER-RICH CLAY The core consists of an olive (5Y 4/3) NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY and a dark olive gray (5Y 3/2) NANNOFOSSIL-AND DIATOM-BEARING, FORAMINIFER-RICH CLAY. The color changes gradually from olive in Section 1 to dark olive gray in Sections 2, 3, 4, and the core catcher. Bioturbation occurs throughout the core.	

1081B-1H

								108	31B-2H	5.0-14.5 mbsf
L	еç	175	Site	e 1081	Hol	е В	Core 2	Н		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-4-	876543								— \$\$ — \$\$ — \$\$	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY The core consists of a NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. The color is mostly dark olive (5Y 3/2) with black (5Y 2.5/2) in Sections 3, 120-150 cm, and Section 6, 10 - 45 cm. The only apparent difference is a slight increase in the diatom abundance in the darker portions. Bioturbation occurs throughout the core.

1081B-2H

							108	1B-3H	14.5-24.0 mbsf
Le	g 175 S	Site	1081	Hole	e B C	Core 3I	H		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
.2 .2							}	—\$\$ —\$\$	NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY and NANNOFOSSIL- FORAMINIFER-RICH CLAY The core consists of NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY and NANNOFOSSIL-, FORAMINIFER-RICH CLAY. The predominant color is dark olive gray (5Y 3/2) with gradational change in color to olive gray (5Y 4/2) in Section 1, 0 - 67 cm, Section 2, and Section 7. The smear slides indicate that the change in the abundance of biogenic particles does not correlate with the color changes.

1081B-3H

	1081B-4H	24.0-33.5 mbsf
Leg 175 Site 1081 Hole B Core	4H	
METERS SECTION GRAPHIC LITH. BIOTURB. STRUCTURE ACCESSORIES ICHNO. FOSSILS	DISTURB.	DESCRIPTION
1 12		
2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	—ss	FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-RICH CLAY The core consists of a FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-RICH CLAY. The color is very dark gray (5Y 3/1) in Sections 1 and 5, olive (5Y 4/3) in Sections 2 and 4, and dark olive gray (5Y 3/2) in Section 3. Smear slides evidence do not indicate a correlation between biogenic abundance and color change.
10 10 10 10 10 10 10 10 10 10 10 10 10 1	—— SS —— PAL	

1081B-4H

1081B-5H 3									33.5-43.0 mbsf
Leç	g 175 S	Site	1081	Hole	в В (Core 5	1		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
	<u> </u>							—ss	FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, NANNOFOSSIL-BEARING CLAY, and NANNOFOSSIL-RICH
-2 - 2								—ss	CLAY The core consists of FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, NANNOFOSSIL-BEARING CLAY, and NANNOFOSSIL-RICH CLAY. The color is predominantly olive (5Y 4/3) with intervals of dark olive gray (5Y 3/2) in Section 1, 0-50 cm, and of black in Section 3, 120 to Section 4, 30 cm and Section 4, from 130 cm to Section 5, 38 cm.
-8 - 9								—ss	
-10								—PAL	

1081B-5H

108									1B-6H	43.0-52.5 mbsf
	Le	g 175	Sit	e 1081	Hol	е В	Core 6	Н		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
F	П									— DIATOM- AND NANNOFOSSIL- BEARING CLAY, and CLAYEY NANNOFOSSIL OOZE
-2 -	3 2								—ss	NANNOFOSSIL OOZE The core consists of DIATOM- AND NANNOFOSSIL- BEARING CLAY, and CLAYEY NANNOFOSSIL OOZE in gradational contact (Section 5, 20-30 cm). Sections 1 to 5, 30 cm and the core catcher are olive (5Y 4/3) while Sections 5, 50 cm to 7 are pale olive (5Y 6/4) in color. The core is moderately bioturbated throughout. Section 6, 0-26 cm, contains a vertical burrow 1.5 cm in diameter and 26 cm in length.
-6 -8	. 5								—ss	

1081B-6H

							100	1D 7U	52.5-62.0 mbsf
							100	іБ-/П	52.5-62.0 Hibsi
Le	g 175	Site	1081	Hol	le B	Core 7	Ή		
METERS SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
<u>L</u>									
-2 · 2 · 8 · 4 · 6 · 6 · 6								—ss	NANNOFOSSIL-RICH CLAY, and DIATOM- AND NANNOFOSSIL-RICH CLAY The core consists of NANNOFOSSIL-RICH CLAY, and DIATOM- AND NANNOFOSSIL-RICH CLAY. There is a distinct color change at Section 2, 20 cm from olive (5Y 4/3) to light olive gray (5Y 5/2). Changes in biogenic components do not coincide with the color change in Section 5. The core is moderately bioturbated throughout.
-8-9-12-8-13-13-13-13-13-13-13-13-13-13-13-13-13-	N							—SS	

1081B-7H

								108	1B-8H	62.0-71.5 mbsf
L	_eç	175	Site	1081	Hol	е В	Core 8	ВН		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2.	5 4 3 2 1							← → → → → → → → → → → → → → → → → → → →	—ss	NANNOFOSSIL-RICH CLAY The core consists of NANNOFOSSIL-RICH CLAY. Core disturbance is evident throughout. The sediment recovered ranges in color from olive (5Y 4/3) to light olive gray (5Y 5/2). The core is moderately bioturbated throughout.
-8	8 7 6								—ss	

1081B-8H

Г								108	1B-9H	71.5-81.0 mbsf
L	.eg	175 S	Site	1081	Hole	В (Core 9H	1		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
	1									DIATOM- AND NANNOFOSSIL-BEARING CLAY and DIATOM-RICH CLAY
-2	2								—ss	The core consists of DIATOM- AND NANNOFOSSIL-BEARING CLAY and DIATOM-RICH CLAY. Sections 1, 2, 3, 7, and the core catcher are light olive gray (5Y 5/2) DIATOM- AND NANNOFOSSIL-BEARING CLAY and Sections 4, 5, and 6 are olive (5Y 4/3) DIATOM-RICH CLAY. The core is moderately bioturbated throughout.
- 4 -	1 3								00	salabate thought.
- 6 -	5 6								—ss	
- 8	9								—ss	
-10	8 7								—PAL	

1081B-9H

								1081	B-10H	81.0-90.5 mbsf
	Le	g 175	Site	e 1081		е В	Core 1	0H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_									NAMES COOK BIOLOGAY PLATOM AND
-2	3 2							}	—ss	NANNOFOSSIL-RICH CLAY, DIATOM AND NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY The core consists of olive (5Y 5/4) NANNOFOSSIL-RICH CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY. The microfossil abundance changes throughout the core but there are no discernable color changes. There is moderate bioturbation throughout the core.
-6 - -8	. 2								—ss —PAL	

1081B-10H

Γ								1081	B-11H	90.5-100.0 mbsf
	Leç	g 175	Site	1081	Hole	э В	Core	11H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
ŀ	1									NANNOFOSSIL-RICH CLAY, and DIATOM- AND NANNOFOSSIL-BEARING CLAY
-2	2								—ss	The core consists of olive (5Y 5/4) NANNOFOSSIL-RICH CLAY, and DIATOM-AND NANNOFOSSIL-BEARING CLAY. The microfossil abundance changes throughout the core but there are no discernable color changes. There is moderate bioturbation throughout the core.
[3	±								
-6	5 4	±							—ss	
-8	9								—ss	
	8 7								—PAL	

1081B-11H

									1081E	3-12H	100.0-109.5 mbsf
	Le	g 17	5 S	ite	1081	Hol	е В	Core	12H		
METERS	SECTION	GRAPHIC	BIOTLIBB		STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_										ANNUESCOOK AND DIATOM DEADING OLAY
-2 -4 -6	4 3 2									—ss	NANNOFOSSIL- AND DIATOM-BEARING CLAY, and DIATOM-BEARING CLAY The core consists of a dark olive gray (5Y 3/2) NANNOFOSSIL- AND DIATOM-BEARING CLAY, and DIATOM-BEARING CLAY. The microfossil abundance changes throughout the core but there are no discernable color changes. Sections 1 and 2 consist of NANNOFOSSIL- AND DIATOM-BEARING CLAY, while the rest of the core consists of DIATOM-BEARING CLAY. Moderate bioturbation is evident throughout the core.
-8	8 7 6									—ss	

1081B-12H

						1081E	3-13H	109.5-119.0 mbsf
Le	g 175	Site	1081	Hole	B Core	13H		
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
	,;:::::	:						NANNOFOSSIL-BEARING, DIATOM-RICH CLAY
-2 - 2 - 8 - 4 - 6 - 9	, , , , , , , , , , , , , , , , , , ,						—ss	The core consists of dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING, DIATOM-RICH CLAY. Moderate bioturbation is evident throughout the core.
8-9	/ v · · · · · · · · · · · · · · · · · ·						—ss	
	K	:					—PAL	

ı	1081B-13H	-
	1001-011	
		-

	1081B-14									119.0-128.5 mbsf		
	Le	g 175	Site	1081	Hole	э В	Core	14H				
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION		
L	_	10										
-2	4 3 2								—ss	NANNOFOSSIL-BEARING, DIATOM-RICH CLAY The core consists of dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING, DIATOM-RICH CLAY. Lighter intervals of light olive gray (5Y 5/2). Sediments occur at Section 3, 0-80 cm, Section 4, 40-150 cm, and Section 5, 0-120 cm. Intervals have gradational boundaries with the darker sediment. Moderate bioturbation is evident throughout the core.		
-8	7 6	, v							—ss			
1	0	<u> </u>]						—PAL			

1081B-14H

						1	081E	8-15H	128.5-138.0 mbsf
Le	eg 175 S	Site 1	081	Hole	вС	Core 1	5H		
METERS	SECTION GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
	,,	DIATOM-BEARING CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-RICH CLAY							
- 2 -	2 2							—ss	The core consists of a DIATOM-BEARING CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-RICH CLAY. The predominant color is dark olive gray (5Y 3/2). Olive (5Y 4/3) colored intervals occur in Section 3, 0 - 80 cm and Section 4 to Section 5, 30 - 150 cm. Black (5Y 2.5/1) colored intervals occur in Section 3, 80 - 150 cm, and Section 5, 30 - 150 cm. Several large
-4-	4 x							—ss	vertical burrows (2 cm wide) extend as long as 50 cm.
-6-	ъ.							—55	
-8-	9 4							—ss	
-10								—PAL	

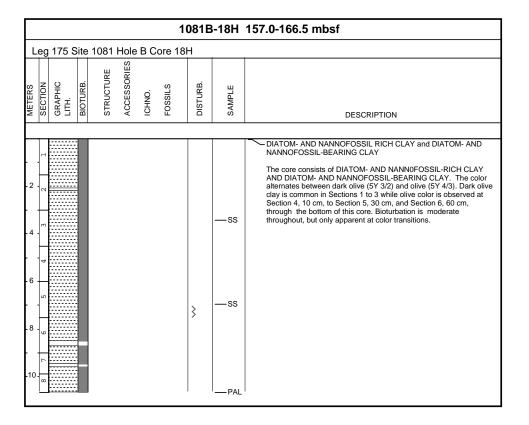
1081B-15H

								1081	B-16H	138.0-147.5 mbsf		
ı	_eg	175 8	Site	1081	Hole	В	Core	16H				
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION		
-2	4 3 2 1							3	—-ss	The core consists of a DIATOM-RICH CLAY and CLAY. The color is predominantly black (5Y 2.5/2) with intervals of dark olive gray (5Y 3/2) in Section 1, 0 - 50 cm, and 80 - 120 cm, and Sections 6 and 7. Moderate bioturbation exists throughout the core.		
ľ	5								—ss			
- 8	9											
-10									—PAL			

1081B-16H

	1081B-17H 147.5-157.0 mbsf												
Le	eg	175 S	Site	1081	Hole	вС	ore 17	′H					
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION			
-2 -	3 2 1							}	—ss	The core consists of DIATOM-BEARING CLAY and CLAY. The color alternates between dark olive (5Y 3/2) and black (5Y 2.5/2). The dark olive color occurs in Section 1 through Section 2, 70 cm, Section 4, 30-150 cm, and Section 6, 110 - 150 cm. The black color occurs in Section 2, 70 cm, section 4, 30 cm, Section 5 through Section 6, 100 cm, and Section 7.			
- 6 - - 8 - - 10 -	8 7 6 5 4								—SS				

1081E	17⊔			
10015	p- i / □			



1081B-18H

							1081E	3-19H	166.5-176.0 mbsf			
Le	eg 175	Site	e 1081	Hol	e B (Core 1	19H					
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION			
\vdash	DUTON DE ADINO AND NANNOFOGGUI DIQUI QUAY											
-2-0							}	—ss	The core is consists of DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY The core is consists of DIATOM-BEARING AND NANNOFOSSIL-RICH CLAY. The color of the sediments alternates between black (5y 2.5/2) and olive gray (5Y 3/2 to 5Y 4/2). Black colored intervals of sediment are present in Section 1, 50 cm, to Section 2, 94 cm, and Section 5, 90 cm, to the bottom. Bioturbation is moderate throughout the core.			
9 4								—ss				
-8-								—PAL				

40041	3-19H			
10811	o-19∏			

1081B-20H										176.0-185.5 mbsf
L	.eg	175	Site	1081	Hole	В (Core	20H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
- 2 - 4 - 6 - 8	8 7 6 5 4 3 2 1								— \$\$ — \$\$ — \$\$	CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-RICH CLAY The core consists of CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and DIATOM-RICH CLAY. The color varies from black (5Y 2.5/2) and dark olive gray (5Y 3/2) to olive gray (5Y 4/2). The darkest sediments are found in Section 1 and Section 5, 50 - 150 cm. Sections 2, 3, 6, and 7 are dark olive gray in color while Section 4, 0 - 100 cm, is olive gray. Bioturbation is pervasive throughout. A distinctive white layer, 2 to 3 mm in thickness, at Section 6, 46 cm, is composed of angular, silt-sized quartz grains and fragments of foraminifers.

1081B-20H

	1081B-21H 185.5-187.6 mbsf											
	Leg 175 Site 1081 Hole B Core 21H											
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION		
Г		Ţ						}		DIATOM-BEARING, NANNOFOSSIL-RICH CLAY		
ŀ	2	<u>-</u>							—ss	The core is consists of a homogenous, olive gray (5Y 4/2) DIATOM-BEARING, NANNOFOSSIL-RICH CLAY.		
-2	<u> </u>	÷	_[—PAL			

1081B-21H

	1081C-1H 0.0-7.3 mbsf										
	Le	g 175	Site	e 1081	I Но	le C	Core	1H			
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
-2 -4 -6	4 3 2							÷	—ss	NANNOFOSSIL AND FORAMINIFER-RICH CLAY The core consists of dark olive gray (5Y 3/2)NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Small Pteropod shell fragments are disseminated throughout.	

1081C-1H

	1081C-2H 7.3-16.8 mbsf										
L	.eg	175 8	Site	1081	Hole	C (Core 2I	H			
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
		<u> </u>						\leftrightarrow		NANNOFOSSIL- AND FORAMINIFER-RICH CLAY	
-2	4 3 2 1							÷	—ss	The core consists of dark olive gray (5Y 3/2) FORAMINIFER- AND NANNOFOSSIL-RICH CLAY. Fragments of pteropod shells are disseminated throughout. Bioturbation is evident when there is a color change.	
- - 8 - -10	8 7 6 5								—ss		

1081C-2	:H		

								108	1C-3H	16.8-26.3 mbsf
	Leg	175 8	Site	1081	Hole	C (Core 3	H		
METEDO	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L		т	-							
-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								—ss —ss	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY The core consists of dark olive gray (5Y 3/2) and olive gray (5Y 4/2) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Moderate bioturbation occurs throughout the core.

1081C-3H

								108	1C-4H	26.3-35.8 mbsf
L	<u>eg</u>	175 S	ite	1081	Hole	СС	ore 4H			
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_	7								NANNOFOSSIL- AND FORAMINIFER-RICH CLAY
-2	2 1	T							—ss	The core consists of olive (5Y 4/3) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Gradational changes in color occur from dark olive gray (5Y 3/2) in Sections 1, 6, and 7 to light dark olive gray in Sections 2 and 3, and olive (5Y 4/3) in Sections 4 and 5. A discontinuous calcareous laminae. I mm in thickness, is evident
- 4	3	T							—ss	in Section 4, 110 cm. Common bioturbation occurs throughout the core.
- -6	5 4								—ss	
-8	9 4	T							—ss	
-10										

1081C-	4H		

Г								108	1C-5H	35.8-45.3 mbsf
L	.eç	175	Site	e 1081	Но	le C	Core 5	5H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
H	_									NANNOFOSSIL READING OLAV and FORAMINIFER READING
-446	5 4 3 2 I							}	—ss	NANNOFOSSIL-BEARING CLAY and FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY The core consists of NANNOFOSSIL-BEARING CLAY and FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY. The color of the sediment changes from black (5Y 2.5/2) in Sections 1 and 2, 0-50 cm, to dark olive gray (5Y 3/2) down in both sections and olive gray (5Y 4/2) in the rest of the sections. Bioturbation is common and occurs throughout the core.
-8-	8 7 6									

1081C-5H

								108	1C-6H	45.3-54.8 mbsf
Le	eg	175	Site	e 1081	Но	le C	Core 6	iH.		
METERS	200	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-8- 4-		T T T T T T T T T T T T T T T T T T T						}	—ss —ss —ss	DIATOM-BEARING, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY, and DIATOM- AND NANNOFOSSIL-RICH CLAY. The core consists of dark olive gray (5Y 3/2) DIATOM-BEARING, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY in Sections 1 and 2, olive gray (5Y 4/3) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY in Sections 3 and 4, and olive gray (5Y 4/3) DIATOM- AND NANNOFOSSIL-RICH CLAY in Sections 5, 6 and 7. Bioturbation is common throughout the core.

10810	` 6U			
10010	רט⊓			

								1081	IC-7H	54.8-64.3 mbsf
Ļ	eg 17	5 S	ite	1081	Hol	e C	Core 7	'H		
METERS	GRAPHIC	PIOTI PP	DO ONE.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
	7000 7000 7000 7000							}		NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and DIATOM-AND NANNOFOSSIL-RICH CLAY The core consists of an olive (5Y 4/3) and dark olive gray (5Y 3/2)
-2 -	7								—ss	NANNOFOSSIL AND FORAMINIFER-RICH CLAY. Section 5, 90 cm, to Section 6, 65 cm, consists of olive (SY 4/3) DIATOM- AND NANNOFOSSIL-RICH CLAY. Bioturbation is moderate throughout most of the sections. Small fragments of pteropods occur sparsely throughout the core.
-4-	7 7 7 7 7									
-6	7								—ss	
	7 7 7 7 7								—ss	

1081C-7H

								108	1C-8H	64.3-73.8 mbsf
	Le	g 175	Sit	e 1081	Но	le C	Core 8	ВН		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L	_									
l	1							}		DIATOM-BEARING, NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-RICH CLAY
-2	3 2								—ss	The core consists of dark olive gray (5Y 3/2) DIATOM-BEARING, NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-RICH CLAY. A gradational change in color, from dark olive gray to black (5Y 2.5/2), occurs in Section 2, 80 cm, and Section 5, 120 cm. Moderate bioturbation is evident throughout the core.
- -6	5 4								—ss	
-8 -	_	9 9 9 9 9 9 9							—ss	

1081C-8H

							108	1C-9H	73.8-83.3 mbsf
Le	eg 175	Sit	e 1081	Hol	e C	Core 9	Н		
METERS	GRAPHIC	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
.46 - 4 - 8 - 9							3	—ss —ss —ss	NANNOFOSSIL- AND FORAMINIFER-RICH CLAY, NANNOFOSSIL-BEARING, DIATOM-RICH CLAY and DIATOM-BEARING, NANNOFOSSIL-RICH CLAY The core consists of black (5Y 2.5/5) NANNOFOSSIL-BEARING, DIATOM-RICH CLAY in Sections 1, 2, and 3, dark olive gray (5Y 4/3) DIATOM-BEARING, NANNOFOSSIL-RICH CLAY in Sections 4 and 5, and olive gray (5Y 4/3) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY downcore. Moderate bioturbation is evident throughout the core.

1081C-9H

ı								1081	C-10H	83.3-92.8 mbsf
I	Le	g 175	Site	1081	Но	le C	Core 1	ЮH		
	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
ı										
ı	н	÷							ss	DIATOM-BEARING, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and DIATOM-RICH CLAY
	2 2 2 4 4 8 9 6 8 9 6								—ss	The core consists of olive (5Y 4/3) and dark olive gray (5Y 3/2) DIATOM-BEARING, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and black (5Y 2.5/2) DIATOM-RICH CLAY. Common bioturbation occurs throughout the core.

10016	C-10H			
10010	J-10H			

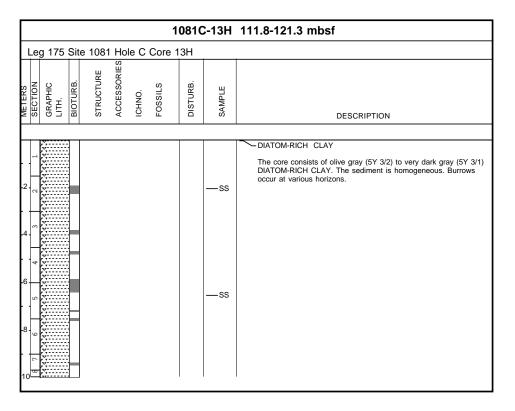
								1081	C-11H	92.8-102.3 mbsf
	Le	g 175	Sit	e 1081	Hol	e C	Core 1	1H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
ŀ	Т		.1					>		— DIATOM-RICH CLAY
-2	5 4 3 2							3	—ss	The core consists of dark olive gray (5Y 3/2) and black (5Y 2.5/2) DIATOM-RICH CLAY. Moderate bioturbation occurs throughout the core.
ŀ	8 7	, , , , , , , , , , , , , , , , , , ,							—\$\$	

SITE 1081

1081C-11H

							1	0810	C-12H	102.3-111.8 mbsf
	Leç	g 175	Site	1081	Hole	С	Core 1	12H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	CHINO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-2	2 1								—ss	DIATOM-RICH CLAY The core consists of black (5Y 2.5/2) and dark olive gray (5Y 3/2) DIATOM-RICH CLAY. Moderate bioturbation occurs throughout the core.
-4	3									
-6 -6	5 4								—ss	
-8	9									
10	7	·							—ss	

1081C-12H



1081C-13H		

							1	0810	-14H	121.3-130.8 mbsf
Ľ.	eg	175	Site	1081	Hole	С	Core	14H		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
L		,								
-4-									— ss — ss — ss	The core consits of dark olive gray (5Y 3/2) to very dark gray (5Y 3/1) DIATOM-RICH CLAY. Bioturbation occurs throughout Sections 1 to 4 and Section 6.

1081C-14H

								10810	C-15H	130.8-138.4 mbsf
Ļ	eg 1	175	Site	1081	Hol	e C	Core	15H		
METERS	GRAPHIC	LITH	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-4 - ⁶									—ss —ss —ss	The core consists of dark olive gray (5Y 3/2), very dark gray (5Y 3/1) and olive gray (5Y 4/2) DIATOM-RICH CLAY.

1081C-15H

1081C-16H							1	10810	C-16H	138.4-147.9 mbsf
Leg 175 Site 1081 Hole C Core 16H						le C	Core	16H		
METERS	GRAPHIC	птн.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
				0				}	—ss —ss	The core consists of dark olive gray (5Y 3/2), and very dark gray (5Y 3/1) DIATOM-RICH CLAY. A dolomite nodule, 3 cm in diameter, occurs in Section 1, 3.5 cm. Small, white siliceous concretions, greater than 1 mm, are observed occasionally throughout the core.

1081C-16H

	1081C-17H							0810	C-17H	147.9-155.2 mbsf
	Le	g 175	Site	1081	Hol	e C	Core 1	17H		
30 31 314	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
-	3 2 2	, y							—ss	DIATOM-RICH CLAY The core consists of dark olive gray (5Y 3/2), and very dark gray DIATOM-RICH CLAY. Whitish concretions occur dissemenated throughout the core.
	6 5 4	y								

1081C-17H