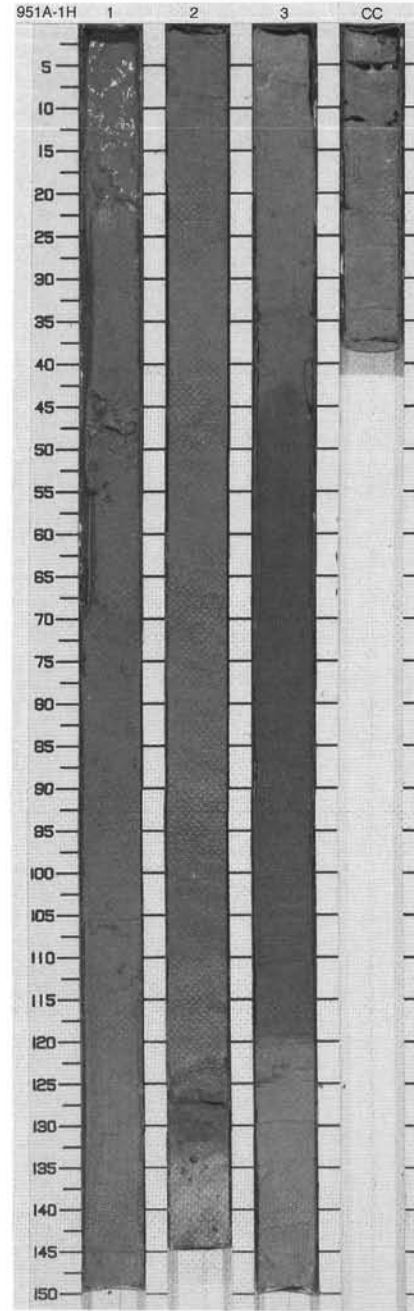


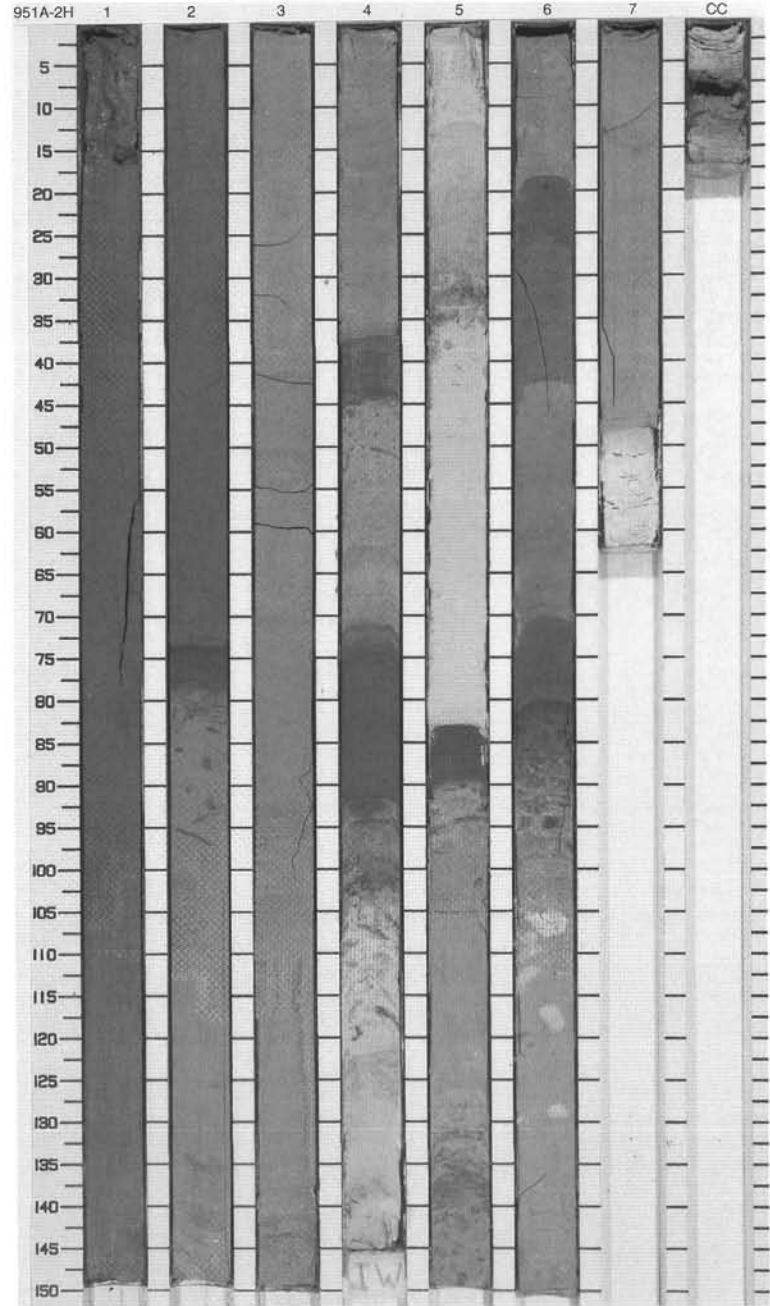
SITE 951 HOLE A CORE 1H

CORED 0.0 - 4.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0-1	[Pattern]	1	Pleistocene	[Diagram]	○	C	3Y 5/1.5	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. One unit has a 6-cm-thick silty base.
1-2	[Pattern]	2						
2-3	[Pattern]	3						
3-4	[Pattern]	CC						
4.0-4.8	[Pattern]	CC				C	3Y 4/1	General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Some of the major lithologic units exhibit abrupt color changes in their upper parts depending on organic carbon content.



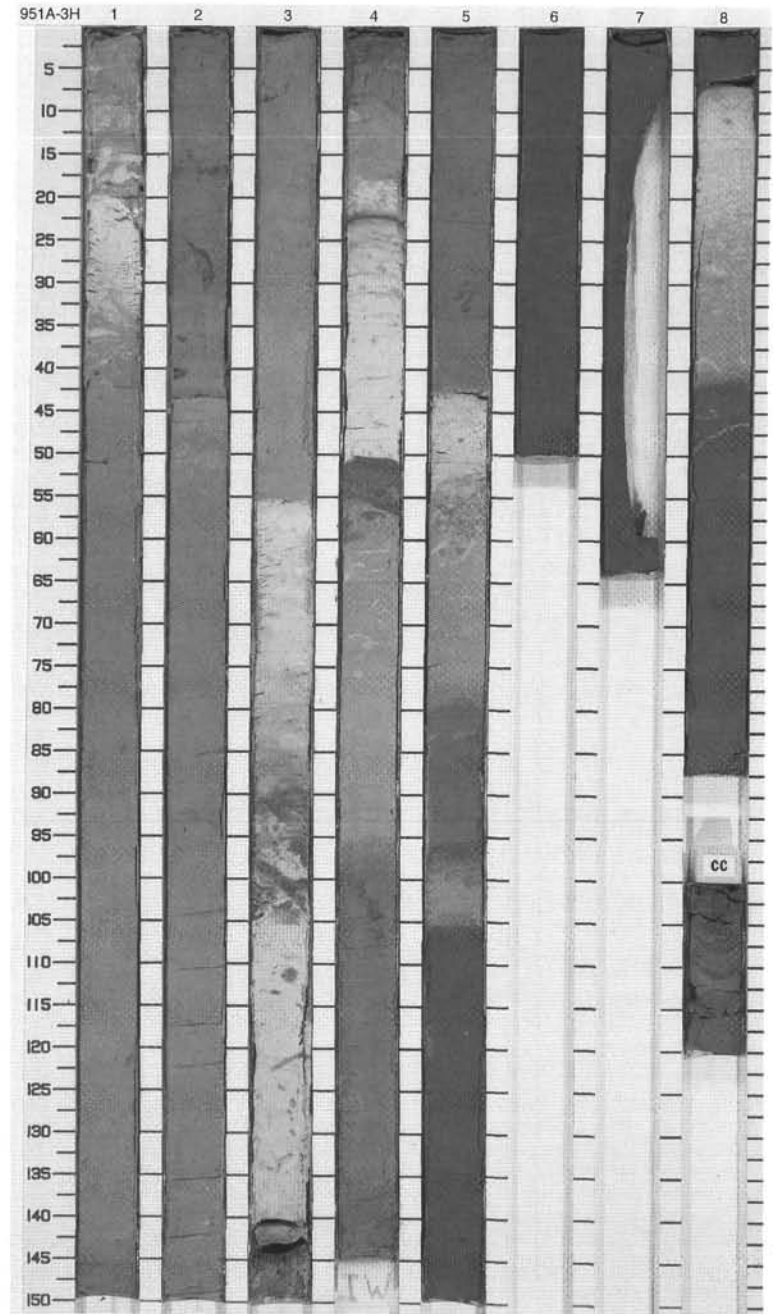
SITE 951 HOLE A CORE 2H		CORED 4.8 - 14.3 mbsf					
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1				9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
2	[Pattern]	2			C		Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp bases and bioturbated tops. Silty bases are common.
3	[Pattern]	3				1.7Y 5/1.3	Minor Lithologies: Minor interbeds of brown CLAY occur in Section 2, 74-79 cm, Section 3, 37-44 cm, Section 5, 83-90 and 136-140 cm, Section 6, 19-22 cm.
4	[Pattern]	4					Minor interbeds of light brown FORAMINIFER NANNOFOSSIL OOZE occur in Section 4, 92-105 cm, Section 5, 130-138 cm, Section 6, 43-44 and 80-88 cm.
5	[Pattern]	4				3GY 5/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies show color changes in the upper parts depending on the organic content.
6	[Pattern]	6			C	10YR 6/1	
7	[Pattern]	5			C	0.4Y 6/2	
8	[Pattern]	6			C	0.4Y 6/2	
9	[Pattern]	7			C	9YR 5/2	
	[Pattern]	6				1.7Y 5/1.4 1.7Y 5/1.4	
	[Pattern]	7			C	3Y 5/1.5	
	[Pattern]	CC			C	10YR 7/1	



SITE 951 HOLE A CORE 3H

CORED 14.3 - 23.8 mbsf

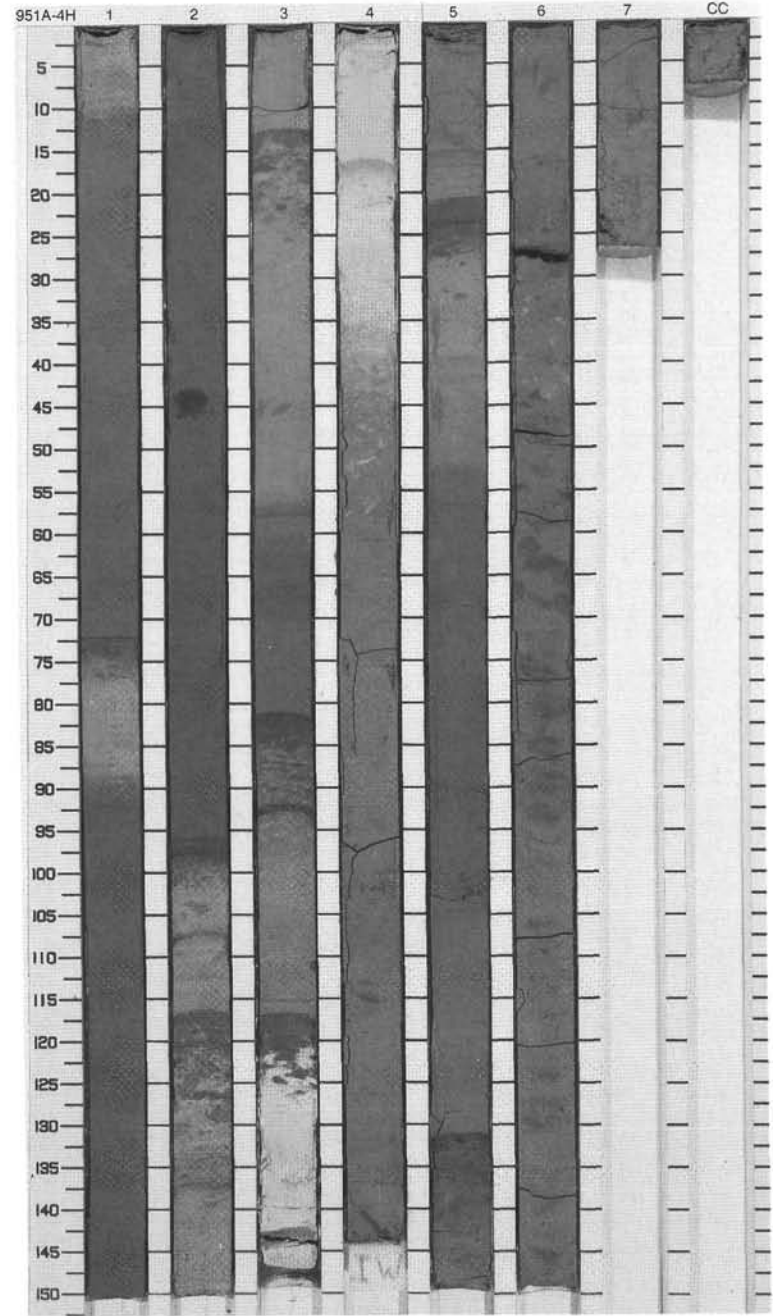
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				2.5Y 3/1		CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
2		2				1Y 4/1		Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.
3		3				3Y 5/1		
4		3				1Y 7/1		Minor Lithologies: Minor interbeds of white NANNOFOSSIL OOZE occur in Section 1, 20-30 cm, Section 3, 55-74 cm, Section 5, 42-52 cm, and Section 8, 7-22 cm. Minor interbeds of light brown CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 2, 43-46 cm, Section 3, 74-89 and 141-150 cm, Section 4, 0-18 and 51-54 cm, and Section 5, 96-97 cm.
5		4	Pleistocene			2.5Y 6/1		
6		4				1Y 5/2		General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
7		5				1Y 7/1		
8		6				8Y 4/1		O I
9		7				1G 5/1		
		8				7.5Y 4/2		C
		8				9Y 4/1		C
		CC						



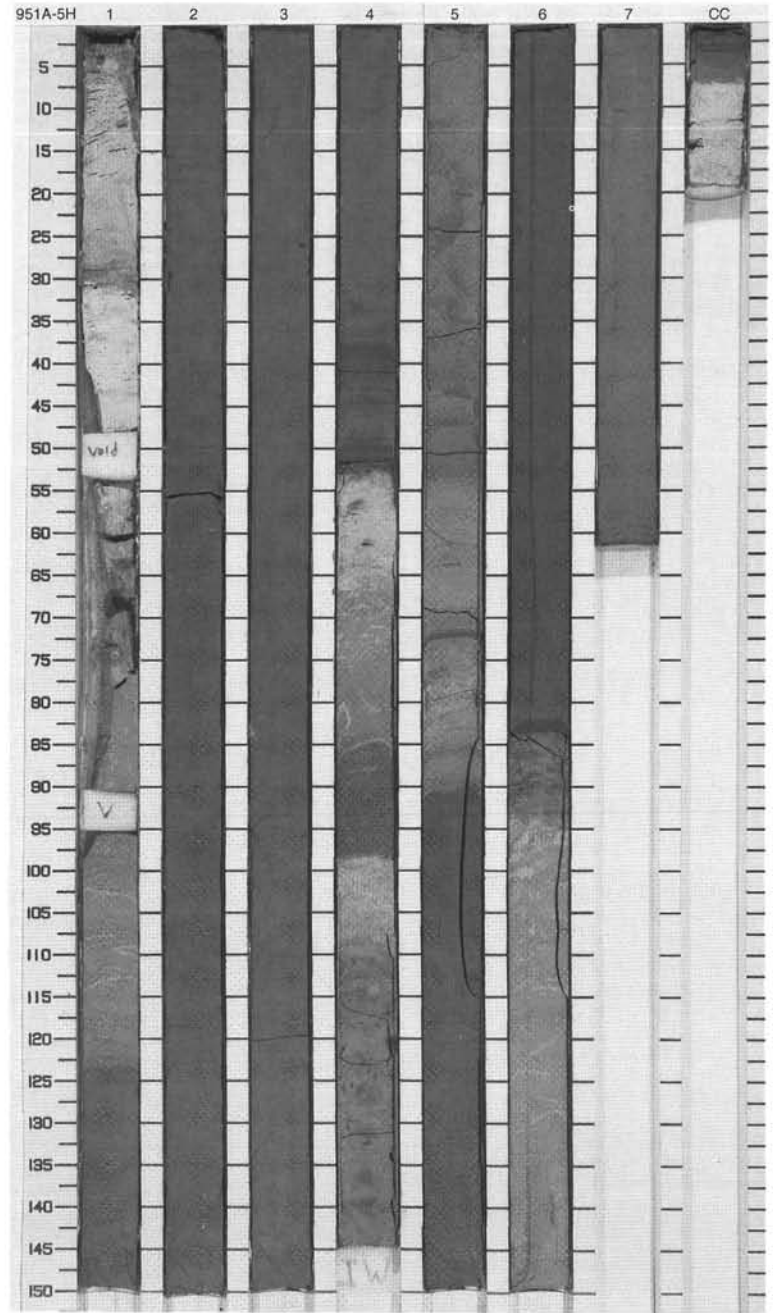
SITE 951 HOLE A CORE 4H

CORED 23.8 - 33.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				S	10Y 4.5/1.4	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
2		2				C	9Y 4.3/1.3	Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.
3		3			C S	2Y 5/1		
4		3				C	4Y 5/1	Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS occur in Section 1, 70-74 cm, Section 2, 98-100 cm, Section 3, 81-84, 117-121, and 143-145 cm, Section 5, 20-23 and 131-133 cm, Section 6, 15-29 cm.
5		3				C	1Y 4/1	
6		4	Pleistocene				2Y 5/1	Minor interbeds of white-brown NANNOFOSSIL CLAY occur in Section 2, 117-122 cm, and Section 3, 12-14 cm.
7		4				O	2Y 4.6/1	
8		5					5Y 4/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.
9		5				C	3Y 5/1	
10		6						
11		7						

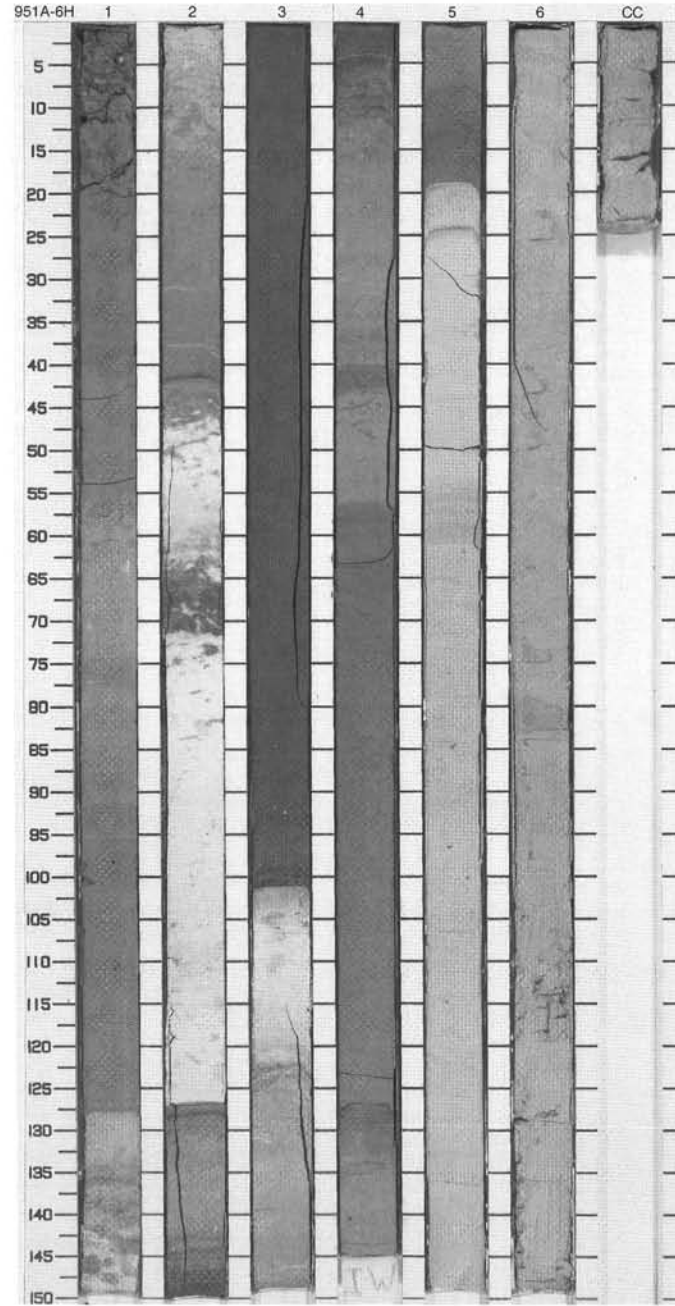


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			!	1Y 6/1		CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
2		2						Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.
3		3				7.5Y 4/1		Minor Lithologies: Minor interbeds of brown CLAYEY NANNOFOSSIL OOZE occur in Section 1, 28-30 cm, Section 4, 50-62 and 100-110 cm, Section 6, 84-94 cm, Section CC, 8-20 cm.
4		3				C		
5		4				CS		General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.
6		4				O I	4Y 5/1	
7		5						
8		6				C	10Y 4/1	
9		6				S	10YR 4/1	
		7					3YR 4/1	
		CC						

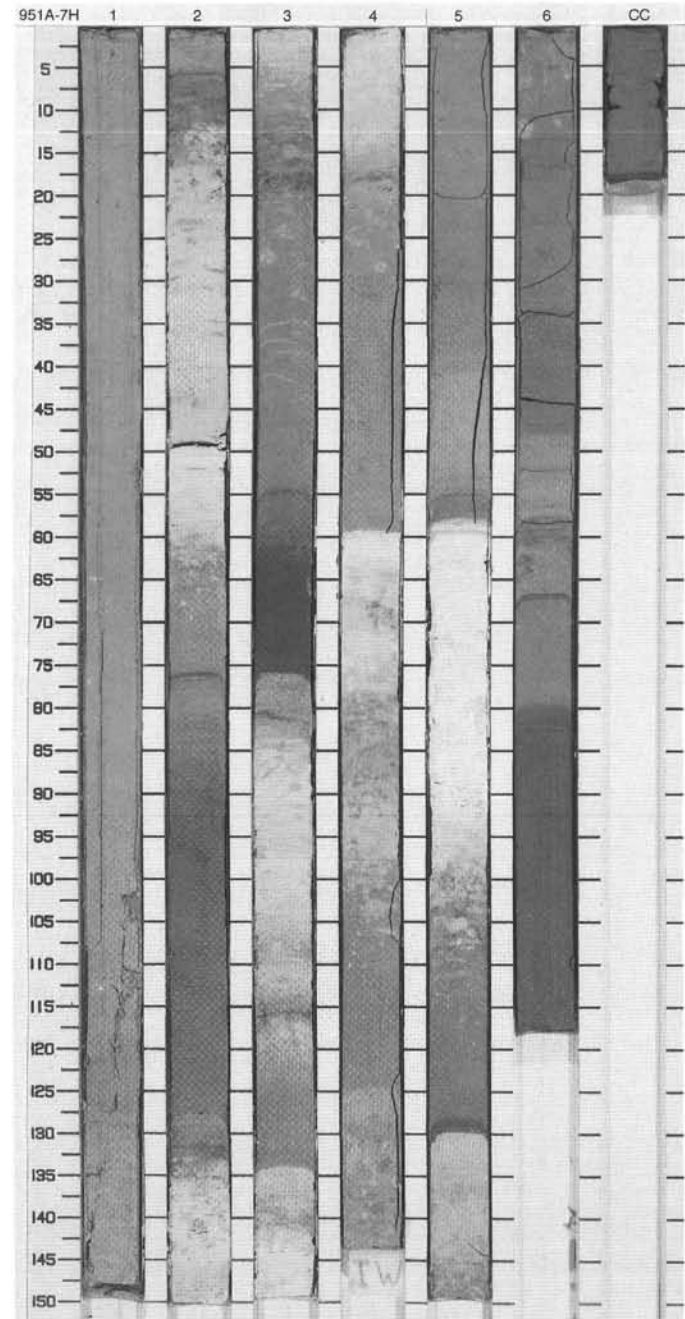


SITE 951 HOLE A CORE 6H CORED 42.8 - 52.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}			1Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
1	[Pattern]	1		}}			5Y 5/1	Major Lithologies: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops.
2	[Pattern]	2		}}			1Y 5/1	
2	[Pattern]	2		}}			1Y 6/1	Minor Lithologies: Minor interbeds of brown CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 55-56 and 128-143 cm, Section 2, 42-46 and 128-130 cm, Section 4, 4-5, 40-43, and 127-129 cm. Minor interbed of brown CLAY in Section 2, 64-71 cm.
3	[Pattern]	3		}}			9Y 3/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
4	[Pattern]	4		}}			3Y 6/1	
4	[Pattern]	4		}}			2GY 4/1	Pleistocene
5	[Pattern]	5		}}			7Y 4/1	
6	[Pattern]	6		}}			6Y 4/1	I O
7	[Pattern]	7		}}			5Y 6/1	
8	[Pattern]	8		}}			8Y 5/1	S C
9	[Pattern]	9		}}				
								CC



Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		[Symbol]			6Y 6/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE</p> <p>Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Some beds have gradational contact.</p> <p>Minor Lithologies: Minor interbeds of brown CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 2, 5-12 and 128-134 cm, Section 3, 76-83 and 134-142 cm, Section 4, 125-128 cm, and Section 5, 130-134 cm. White NANNOFOSSIL OOZE occurs in Section 2, 47-59 cm, and Section 4, 59-70 cm. CLAY WITH NANNOFOSSILS occurs in Section 6, 58-59 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.</p>
2	[Pattern]	2		[Symbol]		C	2Y 6.5/1	
3	[Pattern]	3		[Symbol]		C	6Y 4.5/1	
4	[Pattern]	3		[Symbol]		C	1Y 6/1	
5	[Pattern]	4		[Symbol]		C	6Y 5/1	
6	[Pattern]	4		[Symbol]		C	1Y 7/1	
7	[Pattern]	5		[Symbol]		C	1.5Y 5/1.5	
8	[Pattern]	6		[Symbol]		C	3.5Y 4.5/1	
	[Pattern]	6		[Symbol]		C	1Y 6/1	
	[Pattern]	6		[Symbol]		C	4Y 5/0.5	
	[Pattern]	6		[Symbol]		C	7.5Y 4/1	
	[Pattern]	CC						

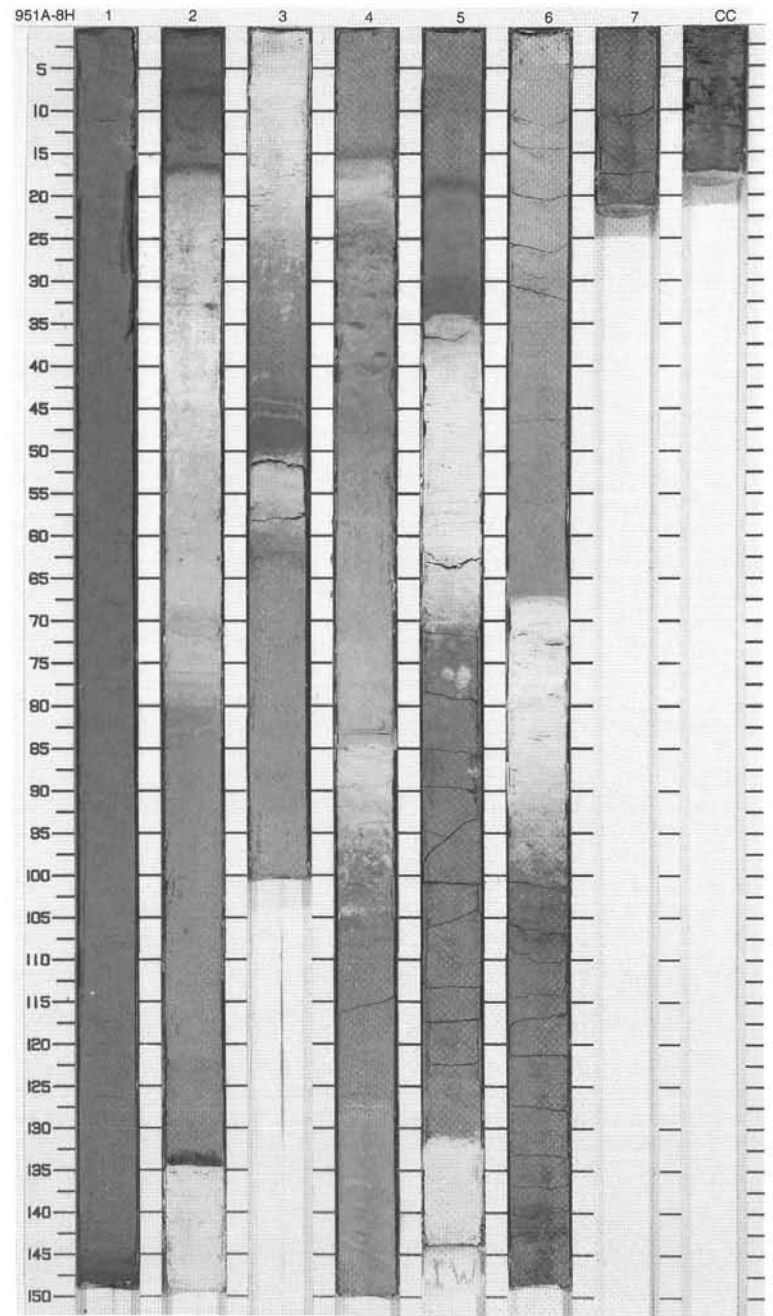


SITE 951 HOLE A CORE 8H CORED 61.8 - 71.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	Pleistocene	}}		C	9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
2	[Pattern]	2						
3	[Pattern]	3						
4	[Pattern]	4						
5	[Pattern]	5						
6	[Pattern]	6						
7	[Pattern]	7						
8	[Pattern]	8	late Pliocene	}}		O I	4Y 5/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.
CC	[Pattern]	CC						

Major Lithologies:
This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.

Minor Lithologies:
Minor interbeds of gray CLAY WITH NANNOFOSSILS occur in Section 2, 17-30 cm, Section 4, 16-21 and 84-90 cm. Gray to white NANNOFOSSIL OOZE occurs in Section 2, 30-46 cm, Section 3, 51-59 cm, and Section 5, 132-144 cm. Brownish CLAY WITH NANNOFOSSILS occurs in Section 5, 5-7 cm.

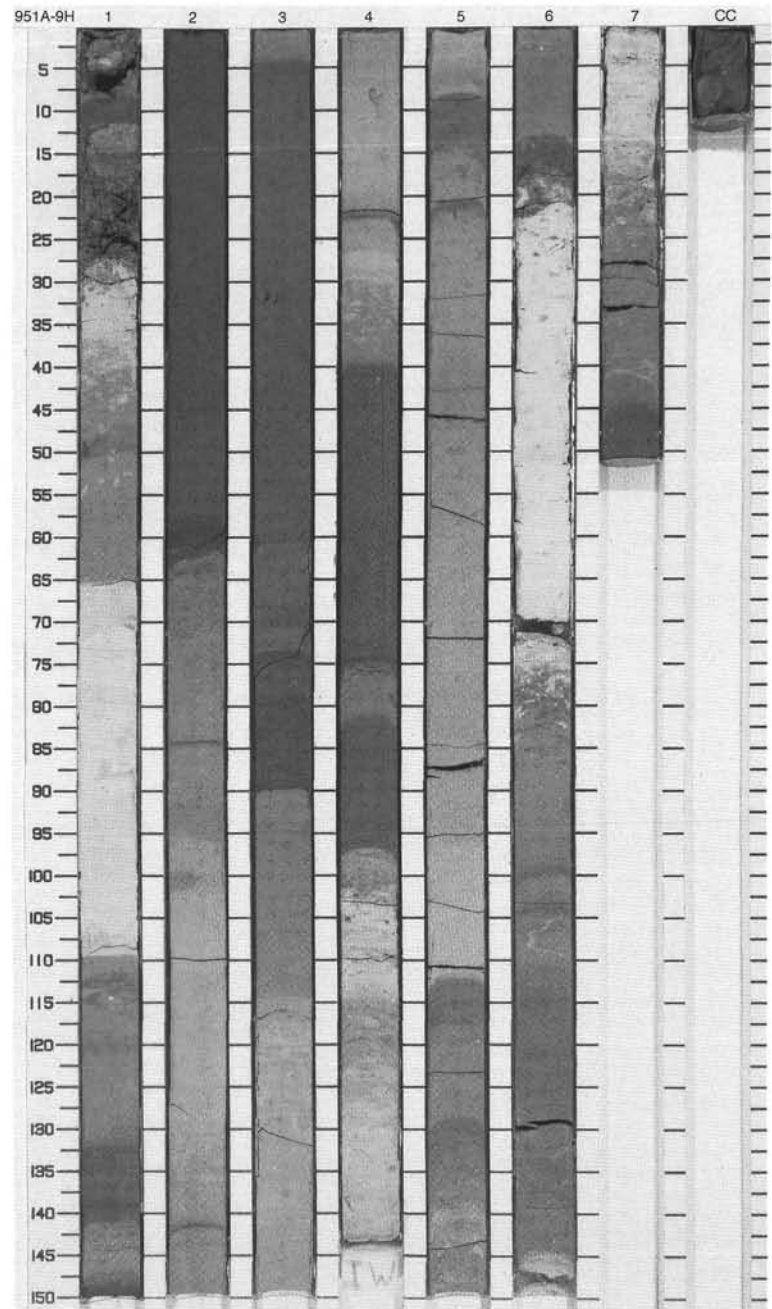


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description						
1	[Pattern]	1	Pliocene	[Structure]		C	2Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE						
							9YR 4.5/0.5							
							3Y 6.5/1							
							9Y 3.5/1							
							3.5Y 5/1							
							7Y 4/1							
							9.5YR 4/1							
							3Y 5/1							
							4Y 4/1							
							3Y 5/1							
2	[Pattern]	2	Pliocene	[Structure]		C	3Y 5/1							
							4Y 4/1							
							3Y 5/1							
							3Y 6/1							
							4Y 4.5/1							
							3	[Pattern]	3	Pliocene	[Structure]		C	3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1
4	[Pattern]	4	Pliocene	[Structure]		C								3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1
							5	[Pattern]	5	Pliocene	[Structure]		C	3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1
6	[Pattern]	6	Pliocene	[Structure]		C								3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1
							7	[Pattern]	7	Pliocene	[Structure]		C	3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1
8	[Pattern]	8	Pliocene	[Structure]		C								3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1
							9	[Pattern]	9	Pliocene	[Structure]		C	3Y 5/1
														4Y 4/1
														3Y 5/1
														3Y 6/1
														4Y 4.5/1

Major Lithologies:
This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops.

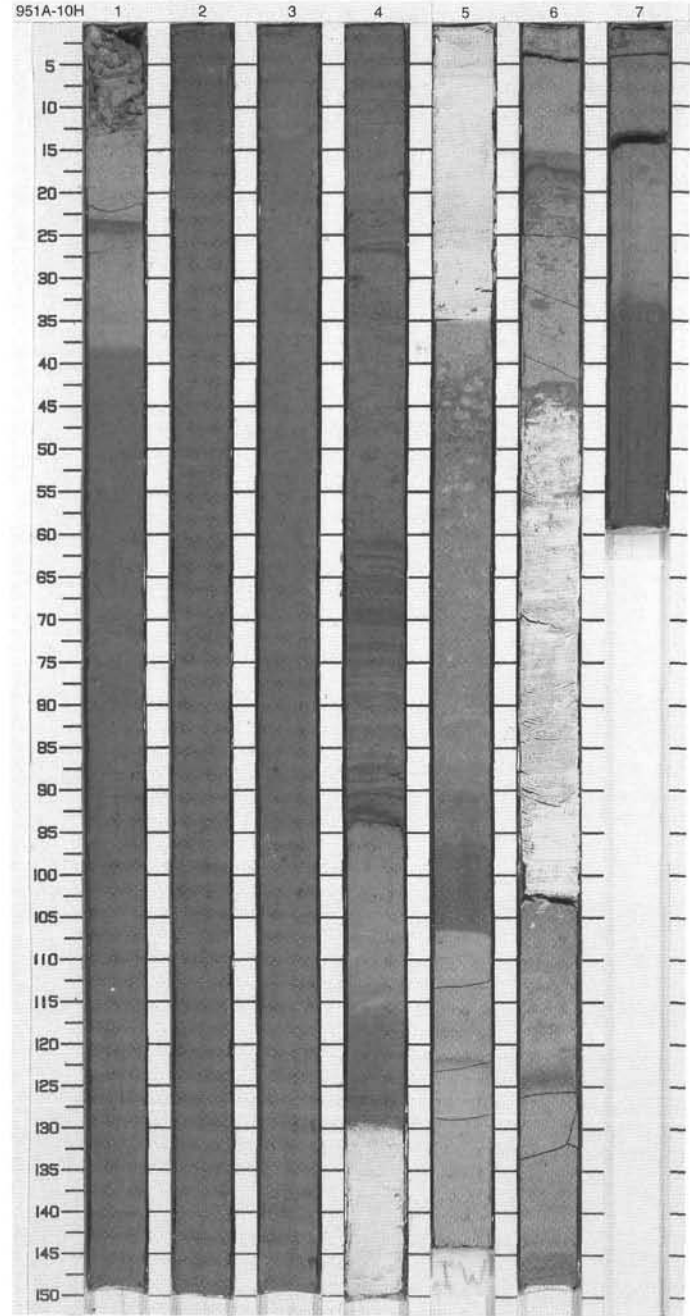
Minor Lithologies:
Minor interbeds of brown CLAY WITH NANNOFOSSILS occur in Section 1, 110-112 and 139-141 cm, Section 2, 125-132 cm, Section 3, 74-83 cm, Section 4, 74-75 and 97-101 cm, Section 5, 10-13 and 129-131 cm, and Section 6, 13-16 cm. Green to gray CLAY WITH NANNOFOSSILS occurs in Section 2, 125-132 cm, Section 3, 90-92 and 115-117 cm, and Section 4, 26-30, 109-115, and 131-149 cm.

General Description:
This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.

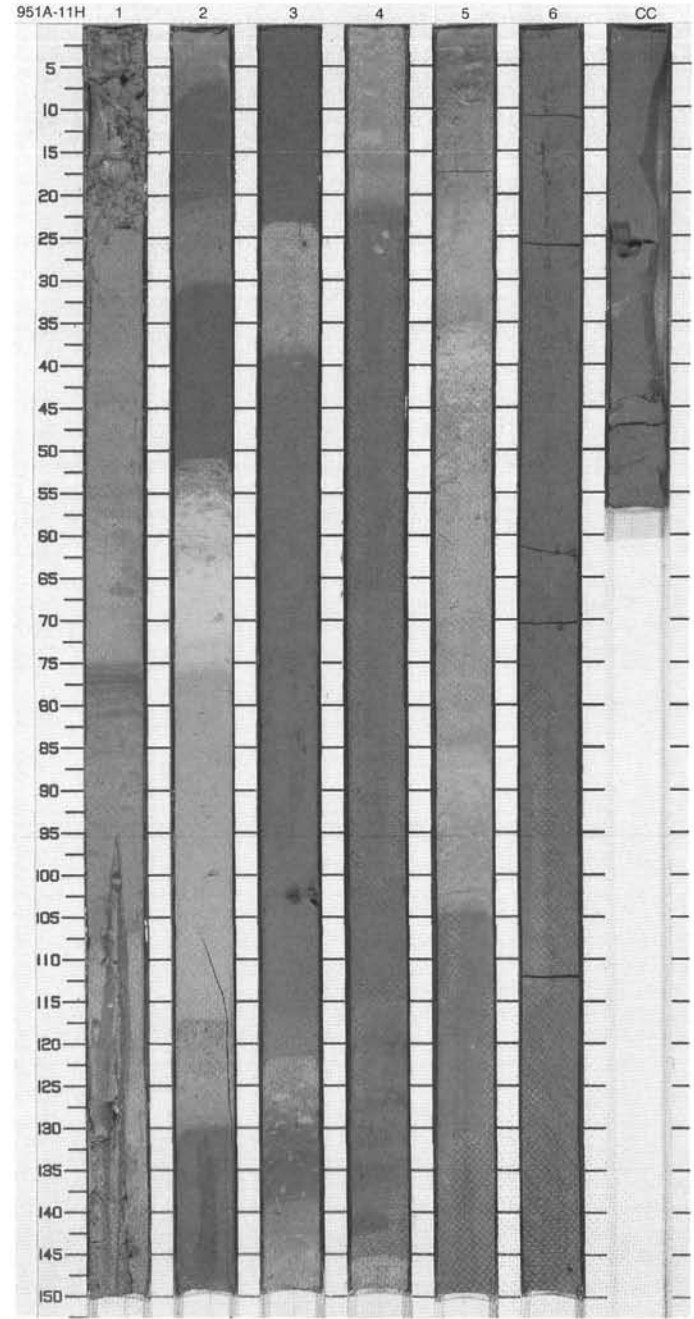


SITE 951 HOLE A CORE 10H CORED 80.8 - 90.3 mbsf

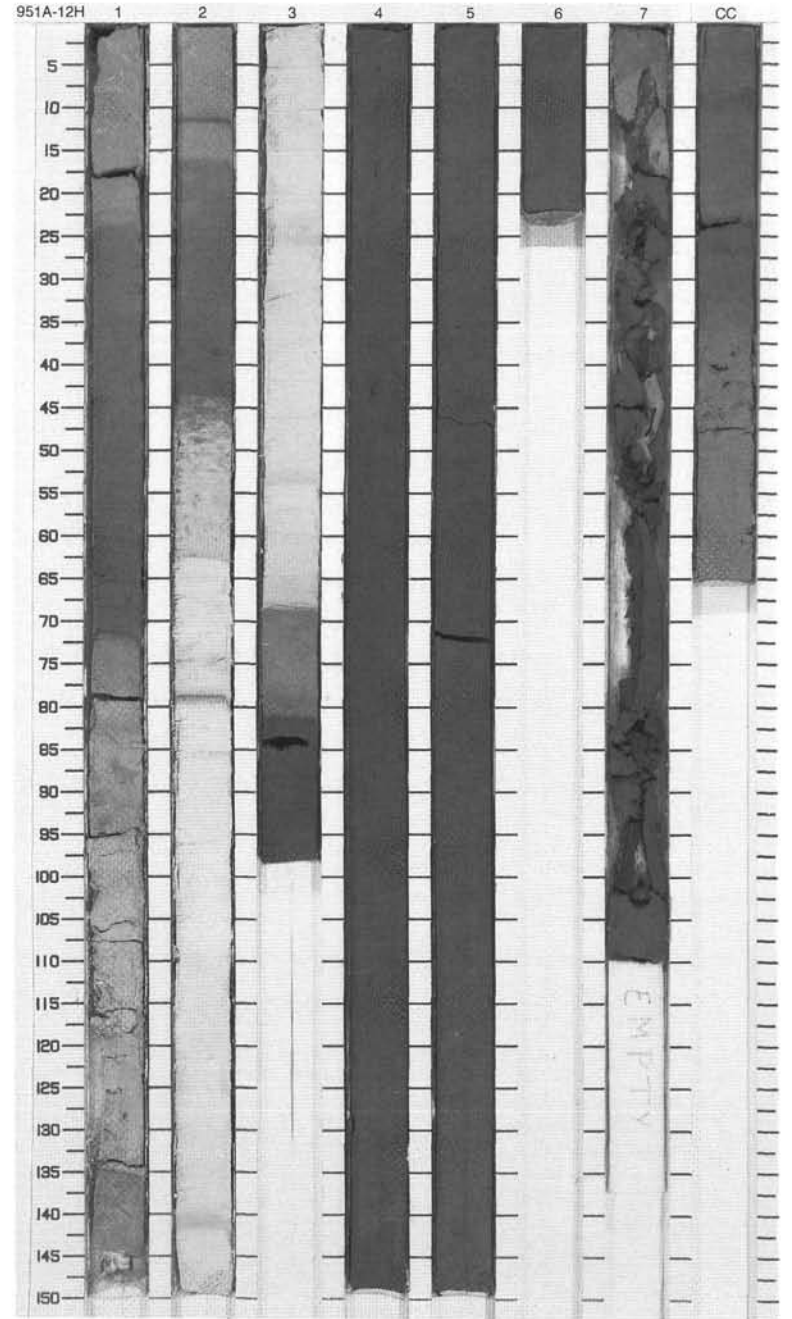
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1				S	4.5Y 5/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
2	[Pattern]	2				C		Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops.
3	[Pattern]	3					9Y 4/1	Minor Lithologies: Minor interbeds of gray CLAY WITH NANNOFOSSILS occur in Section 1, 22-24 cm, Section 4, 94-98 cm, Section 6, 15-17 and 42-43 cm, and Section 7, 13-14 cm. Green to gray CLAY WITH NANNOFOSSILS occurs in Section 5, 34-38 cm.
4	[Pattern]	4	late Pliocene	}}		S		General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.
5	[Pattern]	5		}}		S	0.5Y 6.5/1	
6	[Pattern]	6		}}		C		
7	[Pattern]	7		}}		O	3.5Y 5/0.5	
8	[Pattern]	6				C		
9	[Pattern]	7				O		



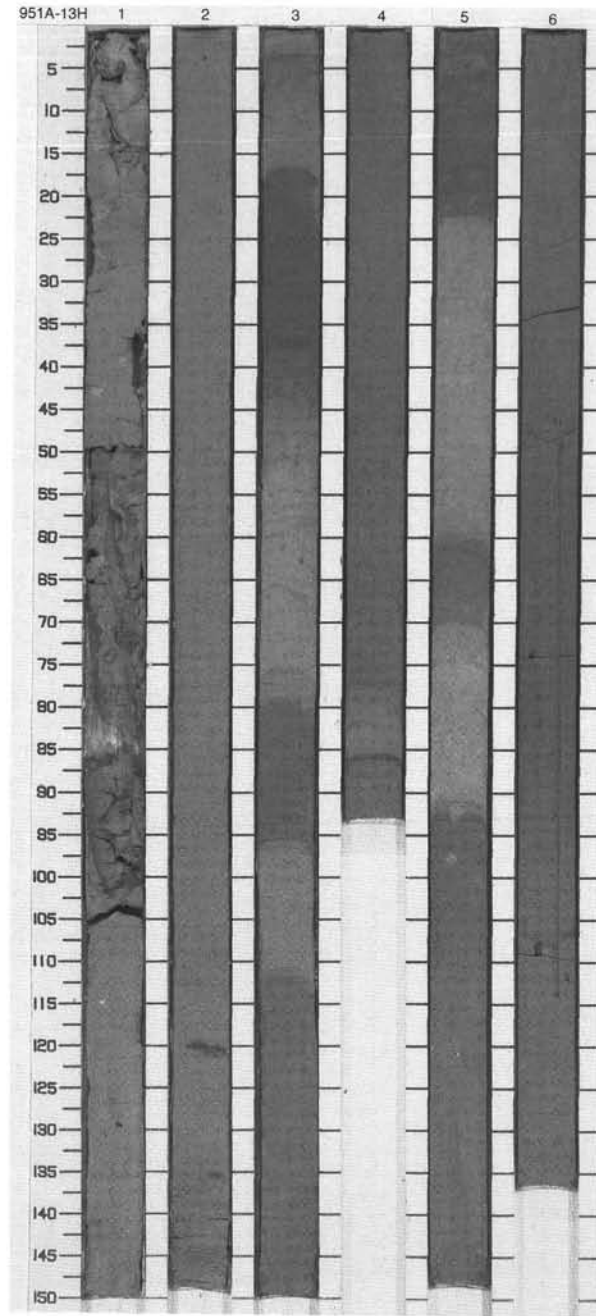
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}	W	C		<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and brown CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp basal contacts and bioturbated tops.</p> <p>Minor Lithologies: Minor interbeds of gray CLAY WITH NANNOFOSSILS occur in Section 1, 76-77 cm, Section 2, 21-22, 51-54, and 117-120 cm, Section 3, 23-27, 122-127, and 139-143 cm, Section 4, 146-150 cm, and Section 5, 35-39 and 85-89 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.</p>
2	[Pattern]	2		}}	WW	C		
3	[Pattern]	3		}}		C	5.5Y 5/1	
4	[Pattern]	3		}}		C		
5	[Pattern]	4	late Pliocene	}}		C		
6	[Pattern]	5		}}		S		
7	[Pattern]	5		}}		SC	2Y 5/1	
8	[Pattern]	6		}}		C		
9	[Pattern]	6		}}		O	10Y 4/1	
		CC						



SITE 951 HOLE A CORE 12H				CORED 99.8 - 109.3 mbsf			
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1			C	7Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
			☼		C	3.6Y 5/1	Major Lithologies: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.
					S	1GY 3.7/1	
					C	1GY 3.7/1	
2		2			C		
			☼		C		
3		3			C	0.6GY 6.6/0.6	Minor Lithologies: Minor interbeds of brown CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 72-76, 136-140, and 146-149 cm, Section 2, 44-46 cm, Section 3, 69-72 cm, Section 7, 16-17 cm, and Section CC, 23-26 cm.
			≡		S		
4		4			C		General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.
5		5				3.3GY 6.4/0.1	
6		6					
7		7					
8						7Y 4/1	
9		CC			S		

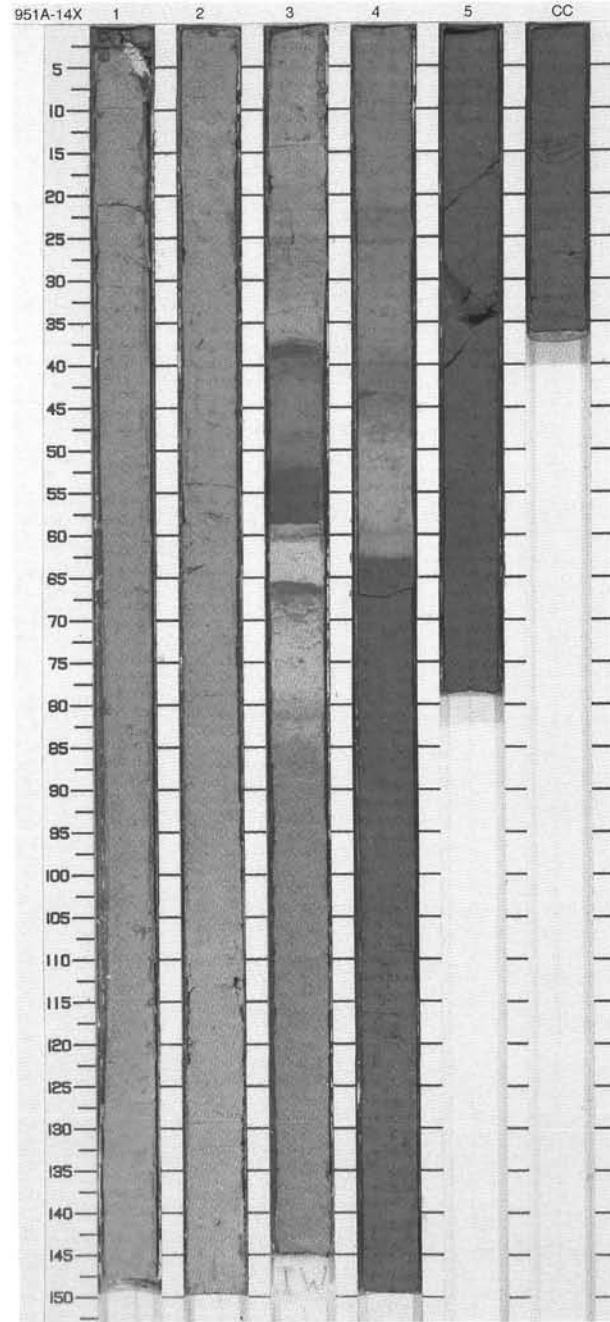


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1			www		6.6Y 5/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 3, 4-8, 36-40, and 96-98 cm, Section 4, 89-93 cm, and Section 5, 0-5, 21-23, and 70-74 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic content.</p>
2	[Dotted pattern]	2				C S		
3	[Dotted pattern]	3		≡ ***			5Y 4/1	
4	[Dotted pattern]	3		≡		C	4Y 5/1	
5	[Dotted pattern]	4	late Pliocene				6Y 4/1	
6	[Dotted pattern]	5		≡ ***		S		
7	[Dotted pattern]	5		≡		C C		
8	[Dotted pattern]	6		≡		C	6.6Y 3/1	

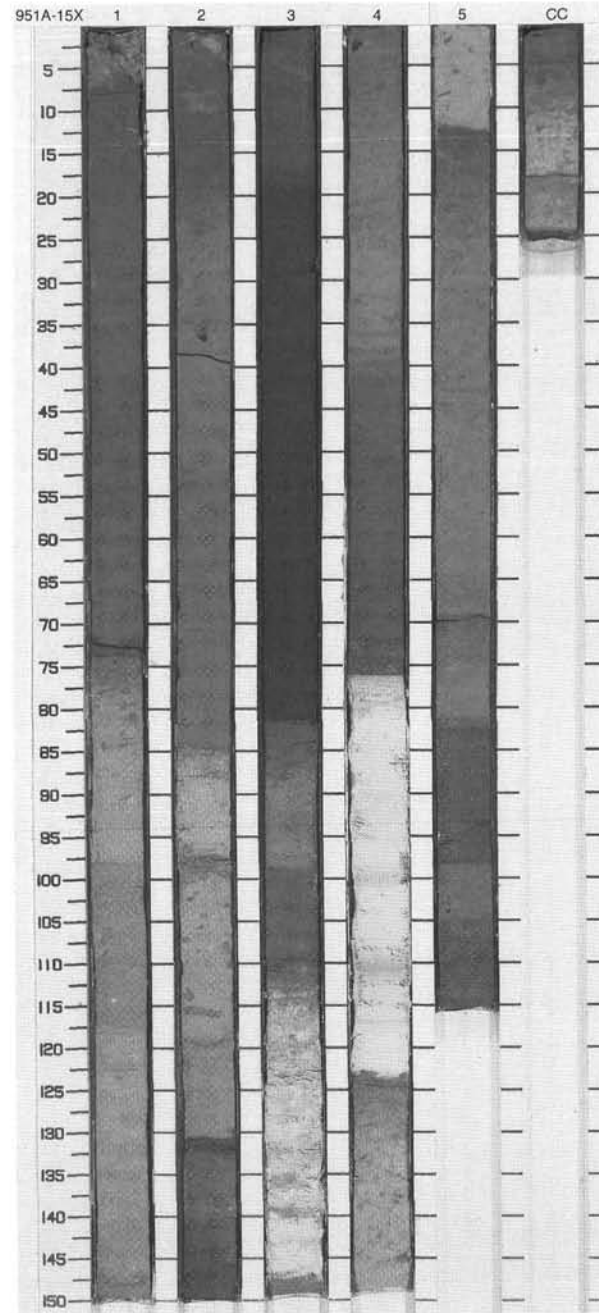


SITE 951 HOLE A CORE 14X CORED 118.8 - 125.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Patterned Lithology]	1	late Pliocene	[Symbol]	[Symbol]	C	4Y 5/1	<p>NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithologies: This core consists mainly of interbedded green and gray NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of gray CLAY or CLAY WITH NANNOFOSSILS occur in Section 3, 37-41, 58-60, and 65-67 cm, and in Section 4, 22-26 and 40-42 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2								
3								
4								
5								
6								
7								
CC	CC							

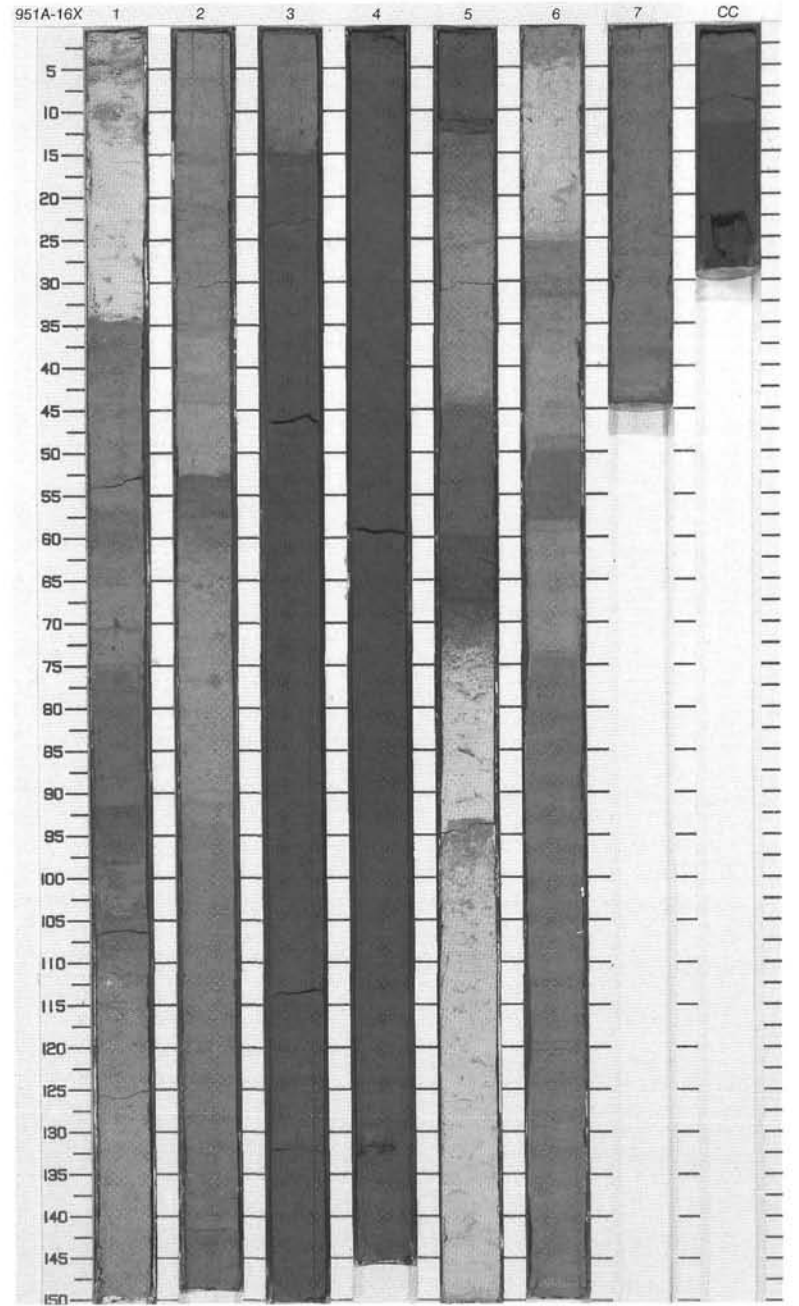


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Pliocene			S	9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE Major Lithologies: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.
2	[Pattern]	2				C	5Y 4.4/1	
3	[Pattern]	3	late Pliocene			S	9Y 3/1	Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 73-78 and 117-124 cm, Section 2, 19-21, 85-86, 97-100, and 131-140 cm, Section 3, 81-87, 110-113, and 148-150 cm, Section 4, 0-4, 22-23, 76-78, and 123-125 cm, Section 5, 12-14, 69-71, and 98-100 cm, and Section CC, 5-6 and 18-20 cm.
4	[Pattern]	4				O	2.5Y 7/1	
5	[Pattern]	5	early Pliocene-late Pliocene			C	5Y 4/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
6	[Pattern]	6				C	1.4Y 7/1	
7	[Pattern]	7				C	4Y 4/1	
	[Pattern]	CC	early Plio.			C	6Y 3.5/1	



SITE 951 HOLE A CORE 16X CORED 131.2 - 140.8 mbsf

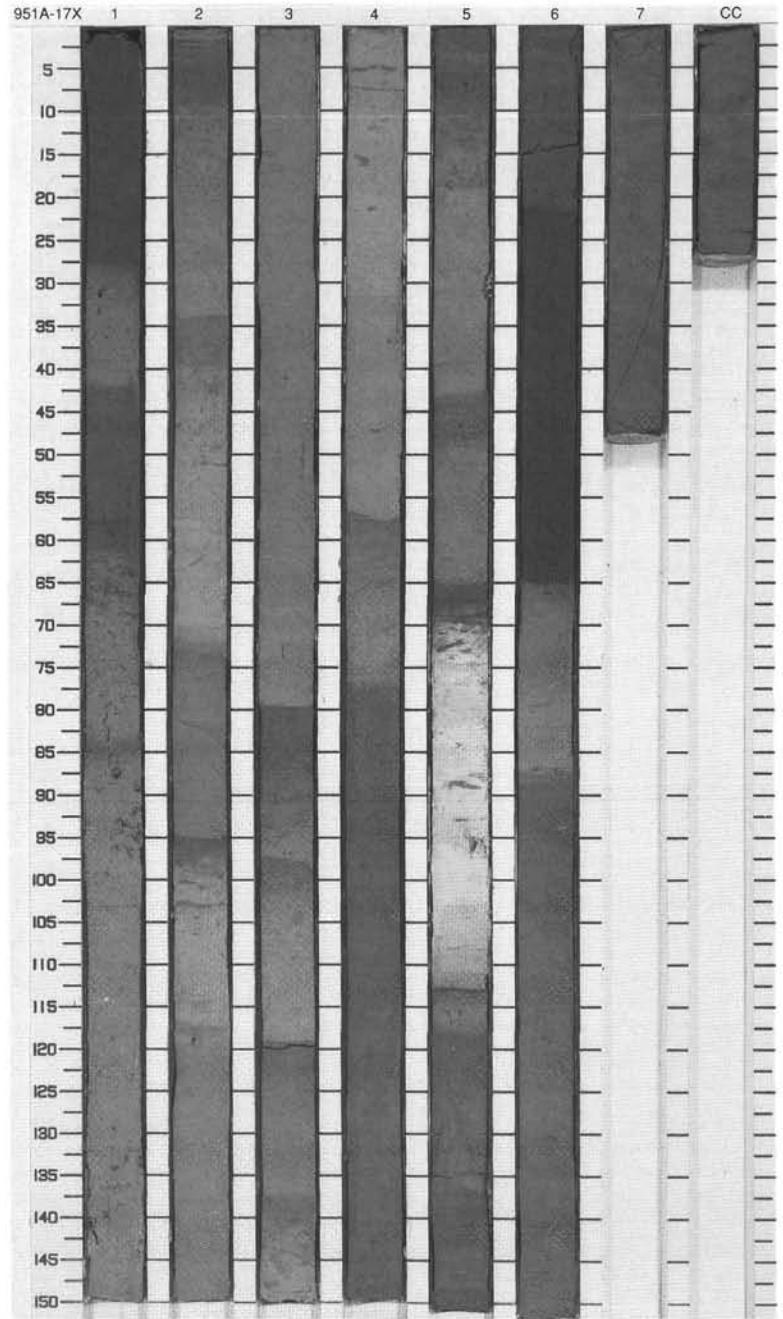
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		[Symbol]			1Y 6/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT
1	[Pattern]	1		[Symbol]			5Y 3.5/1	Major Lithology: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT and minor white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.
2	[Pattern]	2		[Symbol]			5Y 4/1	
2	[Pattern]	2		[Symbol]		S		Minor Lithologies: Minor interbeds of brown CLAY occur in Section 1, 33-41, 56-61, 91-98, and 105-109 cm, Section 2, 53-58 cm, Section 5, 12-18, 60-68, and 93-94 cm, Section 6, 0-2, 25-27, and 58-59 cm, and Section CC, 43 cm.
3	[Pattern]	3		[Symbol]		C		
4	[Pattern]	4	early Pliocene				0.4GY 3/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
5	[Pattern]	5						
6	[Pattern]	6		[Symbol]		S		
7	[Pattern]	7		[Symbol]		S		
7	[Pattern]	7		[Symbol]		C		
8	[Pattern]	8		[Symbol]		S		
8	[Pattern]	8		[Symbol]			2.6Y 5.6/1	
9	[Pattern]	9		[Symbol]				
9	[Pattern]	9		[Symbol]			6Y 6/1	
	[Pattern]	CC		[Symbol]		C		



SITE 951 HOLE A CORE 17X

CORED 140.8 - 150.5 mbsf

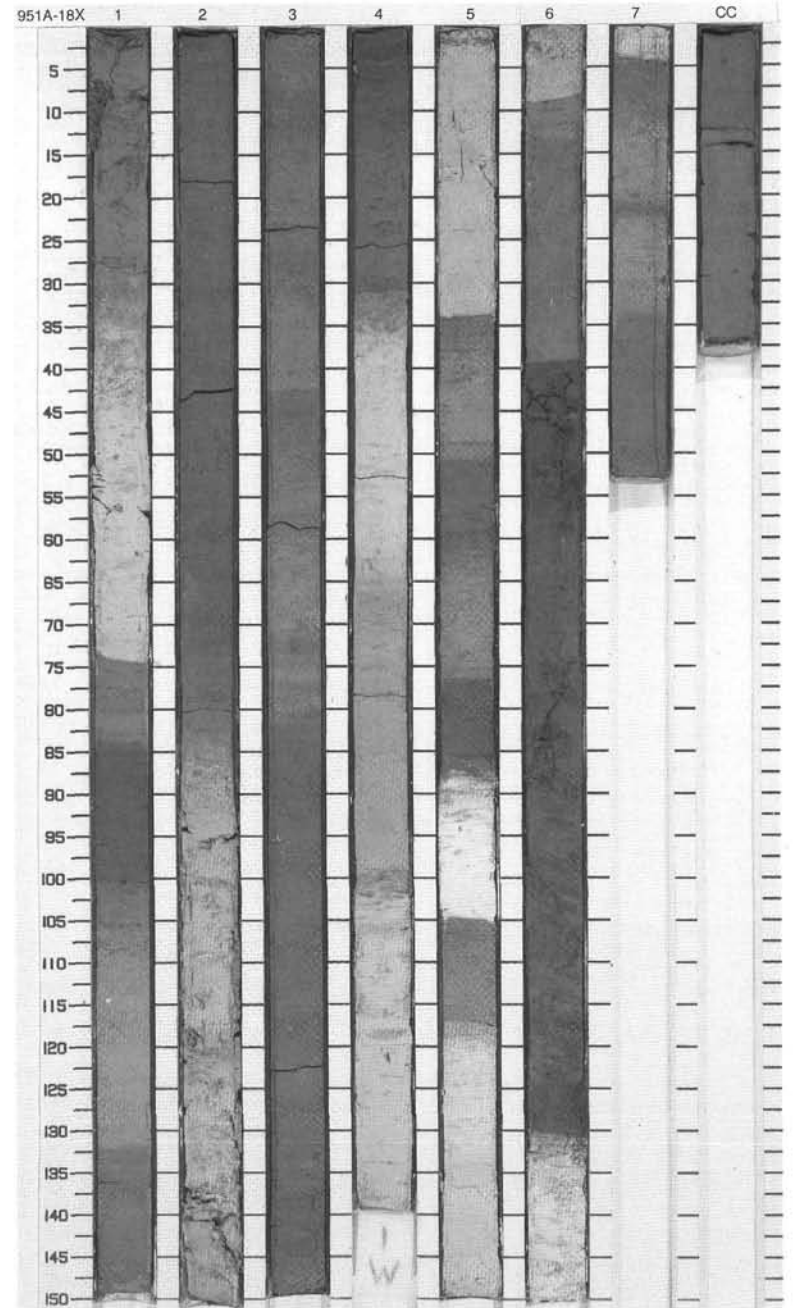
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1	early Pliocene	[Wavy lines]		C	9Y 3/1	<p>NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithologies: This core consists mainly of interbedded green, gray, and white CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 58-61 cm, Section 2, 2-5, 34-37, and 95-97 cm, Section 3, 79-86, 97-100, 120-122, and 138-141 cm, Section 4, 57-59 cm, Section 5, 6-9, 44-45, and 67-70 cm, and Section 6, 0-2 and 65-73 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2						S	5Y 5/1	
3						C	4Y 4.5/1	
4						S	4Y 5/1	
5						S	2Y 4.4/1	
6						C	5Y 6.5/1	
7						C	5Y 6.5/1	
8		6				O		
9		7				S		
		CC				C	8.6Y 4/1	



SITE 951 HOLE A CORE 18X

CORED 150.5 - 160.1 mbsf

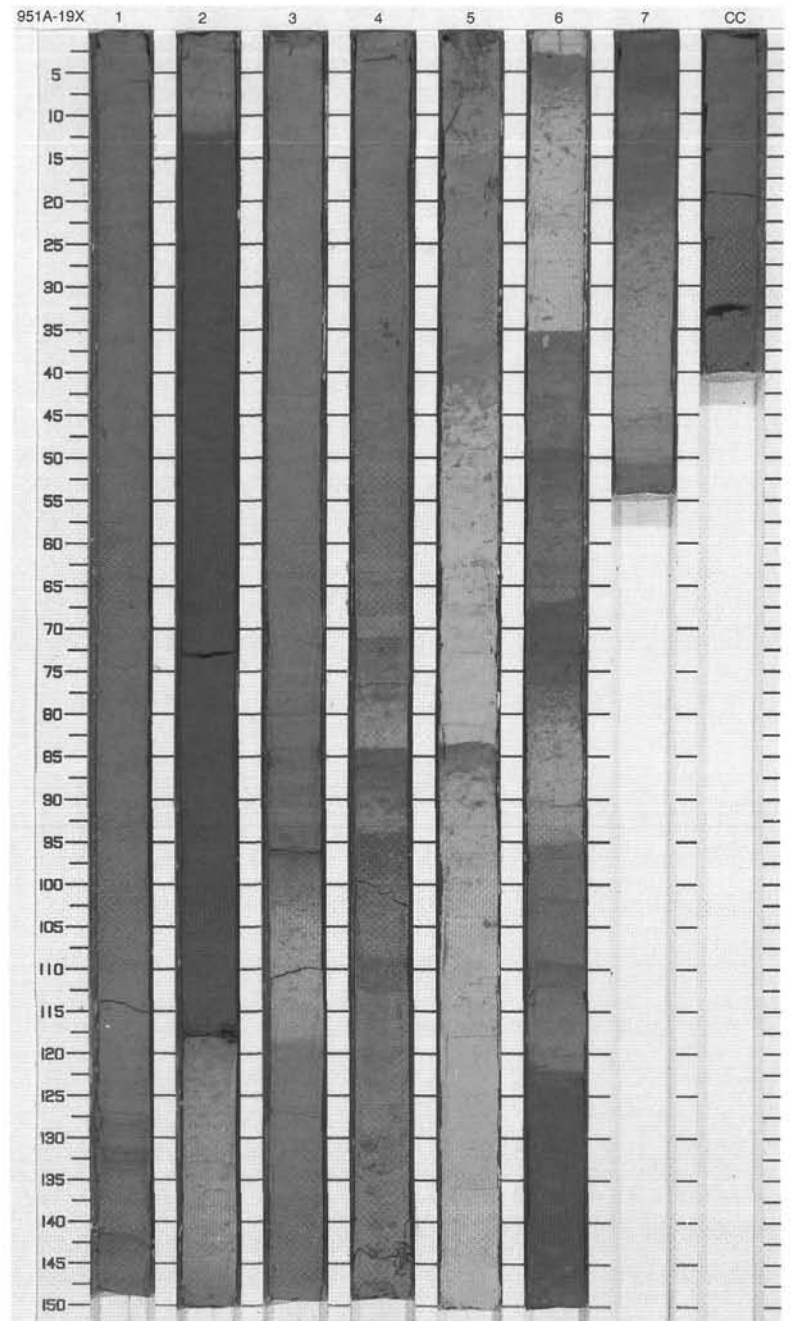
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}		C S	4.6Y 4/0.6 4Y 5/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE
1	[Pattern]	1		}		C	7Y 3.5/1	Major Lithologies: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT and white NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops.
2	[Pattern]	2		}		C	7.4Y 2/1	
3	[Pattern]	3		}		C	3Y 5/0.6	Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 27-34 and 100-106 cm, Section 2, 82-86 cm, Section 3, 23-28, 42-47, and 57-59 cm, Section 4, 31-33 and 99-101 cm, Section 5, 33-36, 59-60, and 85-88 cm, Section 6, 131-133 cm, and Section 7, 4-7 cm.
4	[Pattern]	3		}		C	7Y 2.6/1	
5	[Pattern]	4	early Pliocene	}		C	7.4Y 3/0.6	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
6	[Pattern]	4		}		C	8Y 5/1	
6	[Pattern]	5		}		O I	3Y 5.4/1	
7	[Pattern]	5		}}		S	3Y 4/1	
7	[Pattern]	5		}}		S	4Y 6/0.6	
8	[Pattern]	6				C	7Y 4/1	
8	[Pattern]	6				C	8Y 3.4/0.5	
9	[Pattern]	7		}}			4.4Y 6/1	
9	[Pattern]	7		}}			8Y 4/1	
		CC						



SITE 951 HOLE A CORE 19X

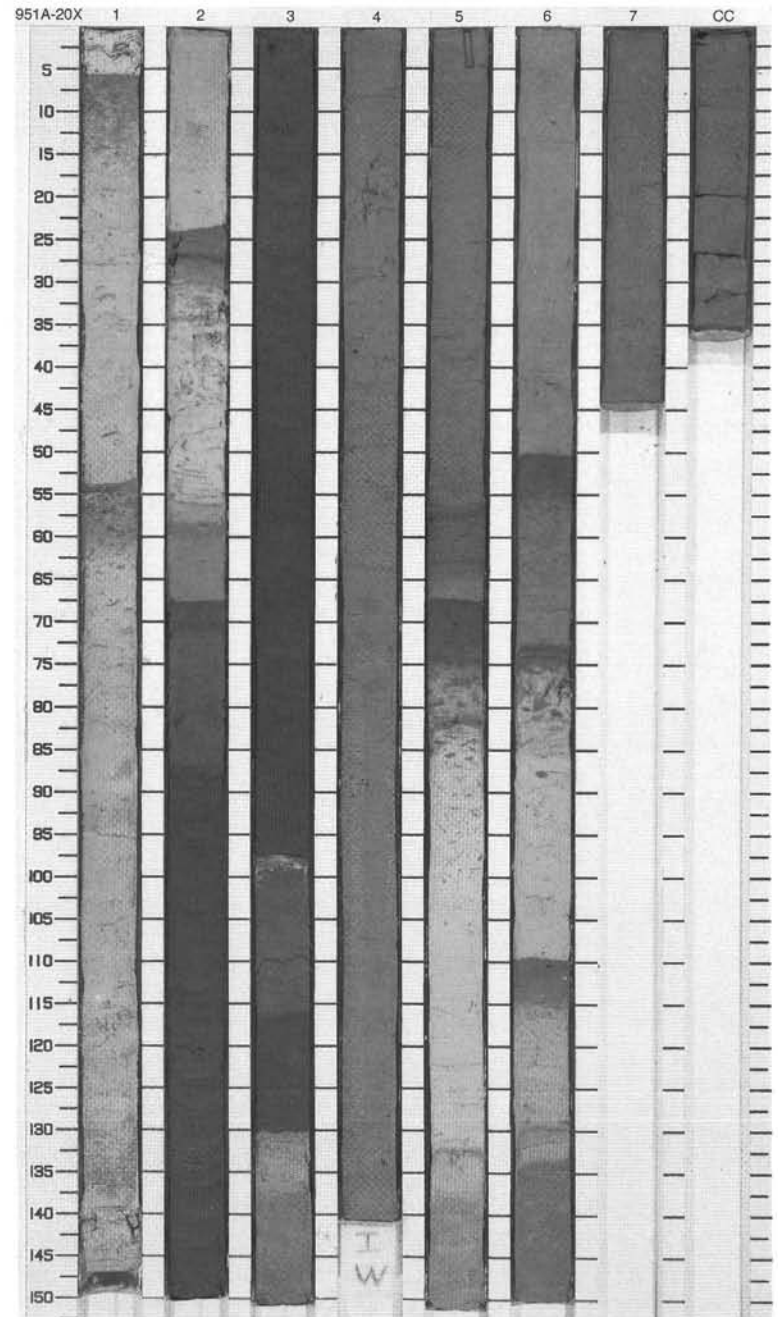
CORED 160.1 - 169.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		[Symbol]				<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE</p> <p>Major Lithologies: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 2, 118-120 cm, Section 3, 96-97 cm, Section 4, 71-74, 84-87, and 94-98 cm, Section 5, 36-40 and 83-86 cm, Section 6, 3-5, 35-37, 49-51, 73-77, 110-112, and 147-150 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Pattern]	2		[Symbol]		C		
3	[Pattern]	3		[Symbol]		S	9Y 4/1	
4	[Pattern]	3		[Symbol]				
5	[Pattern]	4	early Pliocene	[Symbol]		C		
6	[Pattern]	4		[Symbol]		O		
7	[Pattern]	5		[Symbol]		C S	7.5Y 7/1	
8	[Pattern]	6		[Symbol]		C		
9	[Pattern]	7		[Symbol]			10Y 5/1	
	[Pattern]	CC				C		

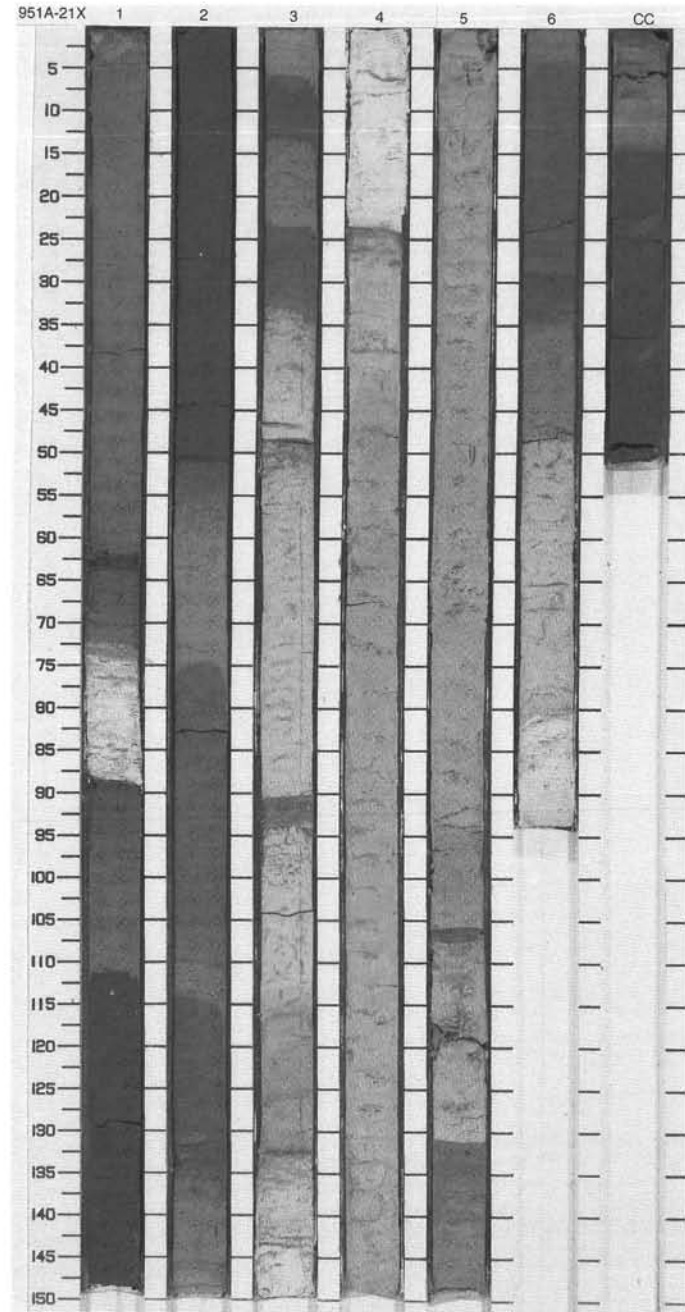


SITE 951 HOLE A CORE 20X CORED 169.8 - 179.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}			4Y 5/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 5-6 and 53-54 cm, Section 2, 24-28 and 67-68 cm, Section 3, 97-99 cm, Section 5, 67-82 cm, and Section 6, 50-54, 73-75, and 110-113 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Pattern]	2		}}		S		
3	[Pattern]	3				C		
4	[Pattern]	3		}}		C		
5	[Pattern]	4	early Pliocene	}}		C	1GY 3/1 or 9Y 4/1	
6	[Pattern]	5				O		
7	[Pattern]	5		}}		S		
8	[Pattern]	6		}}		C		
9	[Pattern]	7		}}		S	4.5Y 5/1	
	[Pattern]	CC				C	9Y 4/1	

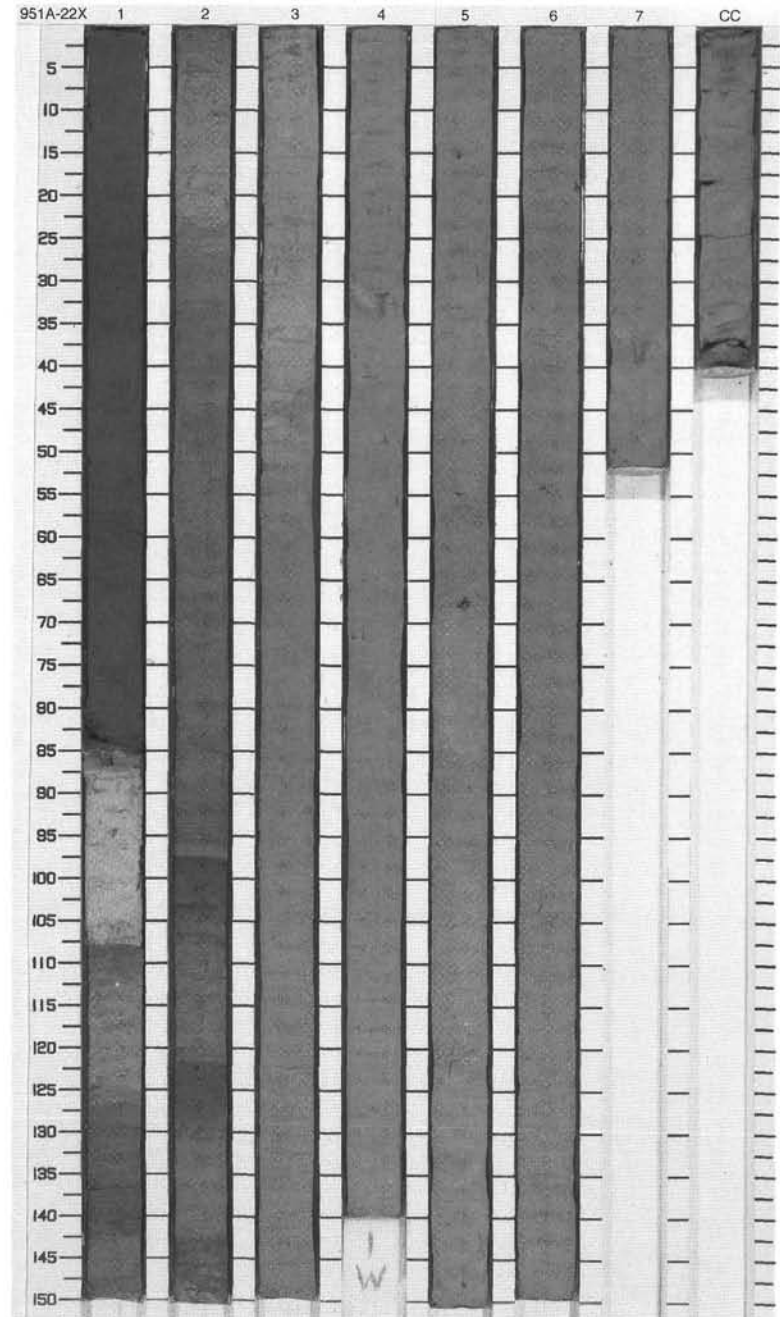


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	early Pliocene	[Symbol]		C	7Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common. Minor Lithologies: Minor interbeds of brown and gray CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 72-74 cm, Section 2, 51-55 and 134 cm, Section 3, 7-12, 46-48, 90-93, and 132 cm, Section 4, 24-28 cm, Section 5, 106-107 and 131-136 cm, and Section 6, 28-32 cm. General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
2	[Pattern]	2		[Symbol]		S		
3	[Pattern]	3		[Symbol]		S		
4	[Pattern]	3		[Symbol]		C		
5	[Pattern]	4		[Symbol]		S		
6	[Pattern]	5		[Symbol]		O		
7	[Pattern]	5	late Miocene	[Symbol]		S	2.5Y 6/1	
8	[Pattern]	6		[Symbol]		S		
	[Pattern]	CC		[Symbol]		C		9Y 3/1
	[Pattern]			[Symbol]		C		

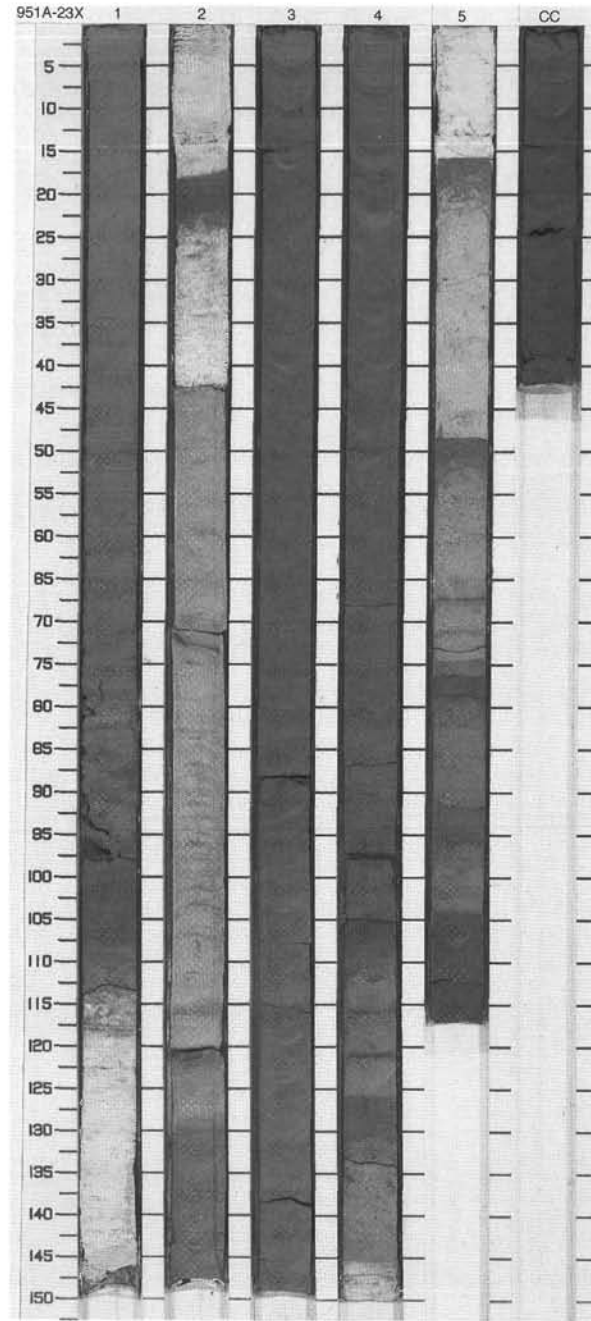


SITE 951 HOLE A CORE 22X CORED 189.1 - 198.7 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1			C	9Y 3.5/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded gray and brown CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common. Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 84-85, 108-109, 137-141, and 147-150 cm, Section 2, 97-104, 122-129, and 143-144 cm. General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
					C S	3.5Y 5/1	
2		2			C	7Y 3/1	
3						0.5Y 4/1	
4		3					
5		4			C		
6		5			O ^l	6.5Y 4.5/1	
7							
8		6			S		
9		7					
		CC					

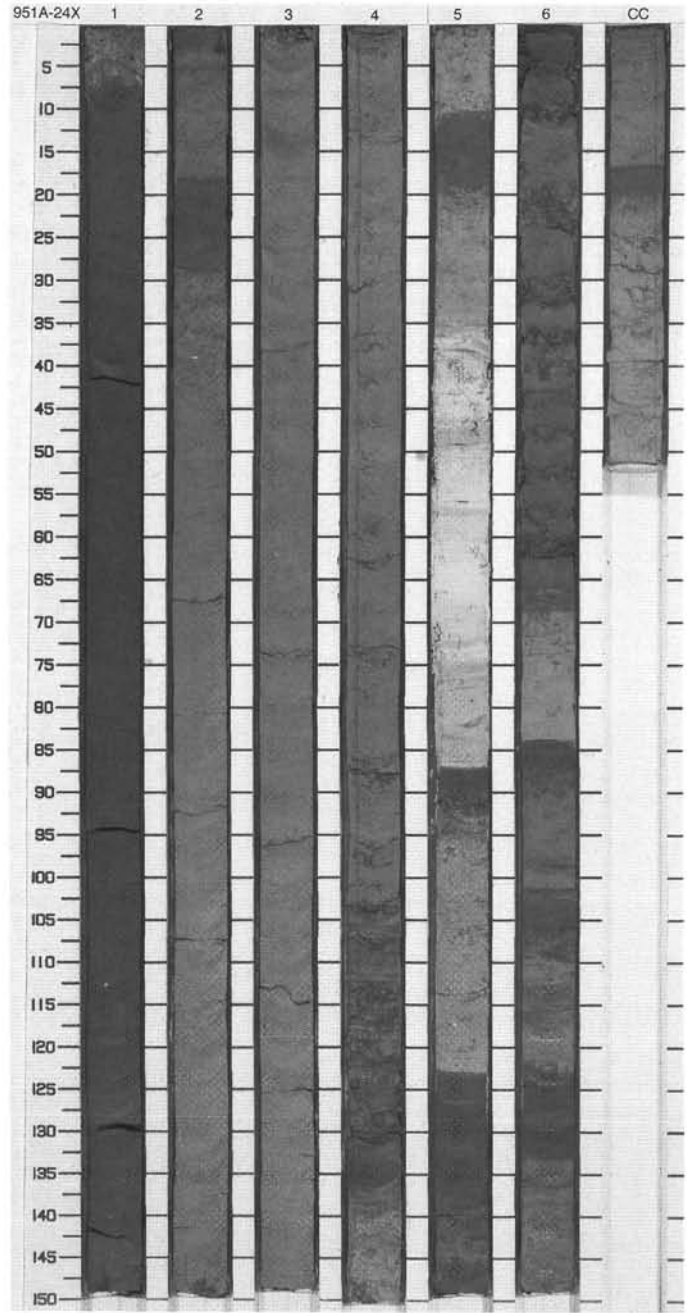


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene	[Symbol]		C	4Y 5.5/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL OOZE</p> <p>Major Lithologies: This core consists mainly of interbedded green and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT and tan-gray NANNOFOSSIL OOZE. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS or CLAY occur in Section 1, 102-113 cm, Section 2, 18-23 and 120 cm, Section 4, 105-109 and 126-131 cm, and Section 5, 15-18, 48-50, 76-79, and 92-95 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Pattern]	2		[Symbol]		S		
3	[Pattern]	3		[Symbol]		C		
4	[Pattern]	4		[Symbol]		S	3Y 5/1	
5	[Pattern]	5		[Symbol]		C		
6	[Pattern]	6		[Symbol]		S		
7	[Pattern]	7		[Symbol]		C	2GY 4/1	
		CC					5Y 4/1	
								C

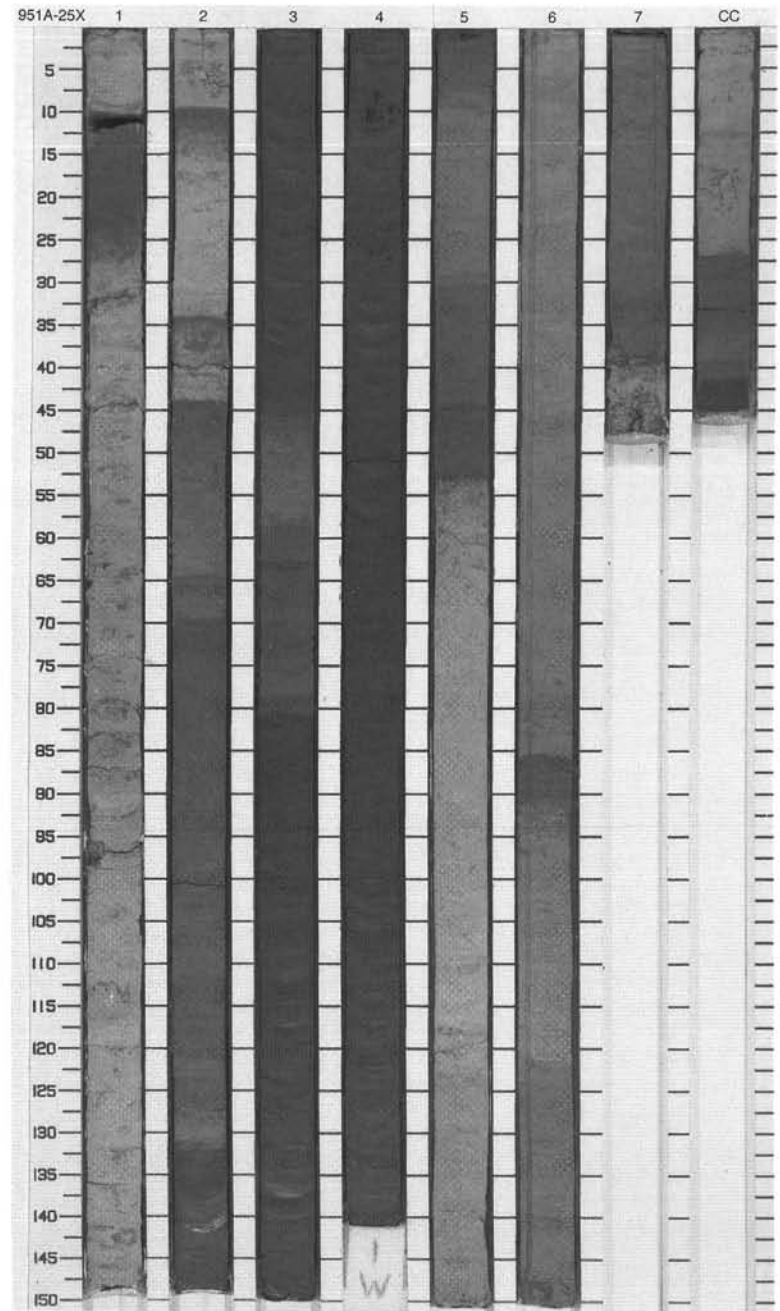


SITE 951 HOLE A CORE 24X CORED 208.4 - 218.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1						<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL CLAY</p> <p>Major Lithologies: This core consists mainly of interbedded gray CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL CLAY. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY and CLAY WITH NANNOFOSSILS occur in Section 2, 18-28 cm, Section 4, 131-138 cm, Section 5, 10-19, 87-91, 123-138, Section 6, 65-68, 84-87, 101-102, and 133-136 cm, and Section CC, 16-19 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Pattern]	2		}}			C	
3	[Pattern]	3					C	
4	[Pattern]	3					C	
5	[Pattern]	4					C	
6	[Pattern]	4		}}			C	
6	[Pattern]	5		}}			C	
7	[Pattern]	5		}}			C	
8	[Pattern]	6		}}			C	
9	[Pattern]	6		}}			C	
	[Pattern]	CC		}}			CC	
							8.5Y 3/0.5	
							7Y 3/1	

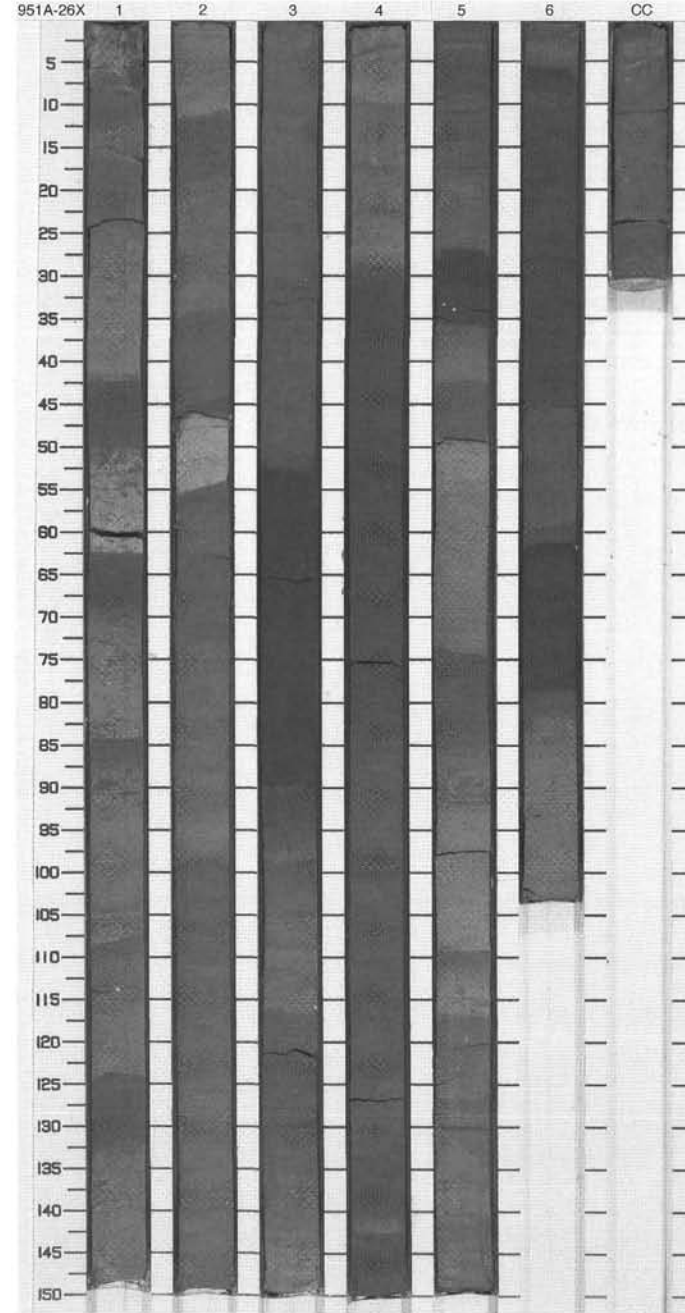


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1	middle Miocene-late Miocene	}}		SC	4Y 5/1	<p>CLAY WITH NANNOFOSSILS, CLAYEY NANNOFOSSIL MIXED SEDIMENT, NANNOFOSSIL OOZE and CLAY</p> <p>Major Lithologies: This core consists of interbedded gray CLAY WITH NANNOFOSSILS, CLAYEY NANNOFOSSIL MIXED SEDIMENT, NANNOFOSSIL OOZE, and CLAY. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown and gray CLAY occur in Section 1, 12-26 cm, Section 2, 9-14, 34-36, 44-49, and 124-126 cm, Section 3, 45-47 and 62-67 cm, Section 5, 1-7 and 43-52 cm, Section 7, 39-40, and Section CC, 26-29 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Dotted pattern]	2		C				
3	[Dotted pattern]	3		C				
4	[Dotted pattern]	3		C				
5	[Dotted pattern]	4		C				
6	[Dotted pattern]	4		C				
7	[Cross-hatched pattern]	5		O ¹				
8	[Cross-hatched pattern]	6	C	1GY 3/1				
9	[Cross-hatched pattern]	7	S					
	[Cross-hatched pattern]	CC	C					



SITE 951 HOLE A CORE 26X CORED 227.7 - 237.3 mbsf

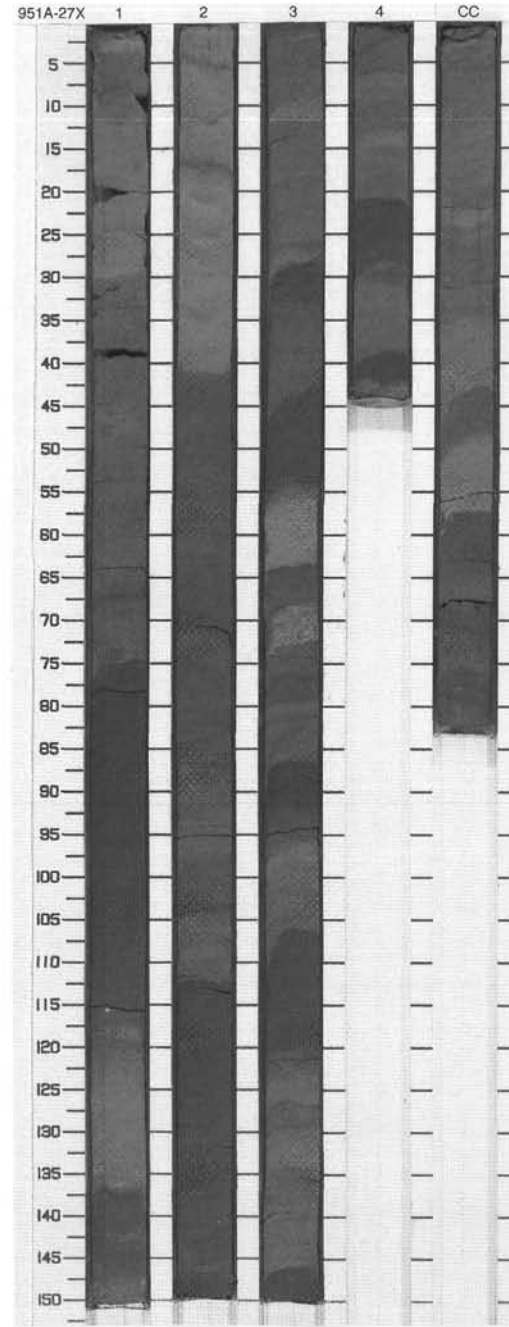
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}			3Y 4/2	<p>CLAY WITH NANNOFOSSILS and CLAY</p> <p>Major Lithologies: This core consists mainly of interbedded green and gray CLAY WITH NANNOFOSSILS and CLAY. Units typically have sharp basal contacts and bioturbated tops. Silty bases are common.</p> <p>Minor Lithologies: Minor interbeds of brown and gray CLAY WITH NANNOFOSSILS and CLAY occur in Section 1, 8-11, 15-24, 42-50, 62-69, 84-87, 108-110, and 124-132 cm, Section 2, 10-14, 45-46, and 54-57 cm, Section 3, 31-32, 90-103, and 116-136 cm, Section 4, 75-83, 90-101, and 101-124 cm, Section 5, 35-37, 49-53, 74-77, 109-111, and 130-134 cm, Section 6, 45-47 and 79-81 cm, and Section CC, 23-26 and 26-31 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
1	[Pattern]	1		}}			2Y 3.5/2	
2	[Pattern]	2		}}			7Y 3.5/1	
3	[Pattern]	3		}}			3GY 2.5/1	
4	[Pattern]	4		}}		C	5.5Y 4/2	
5	[Pattern]	4		}}		C	8Y 4/1	
6	[Pattern]	5		}}			3.5Y 4/1	
7	[Pattern]	5		}}				
8	[Pattern]	6		}}		C	0.5GY 3/1	
	[Pattern]	CC		}}		S		



SITE 951 HOLE A CORE 27X

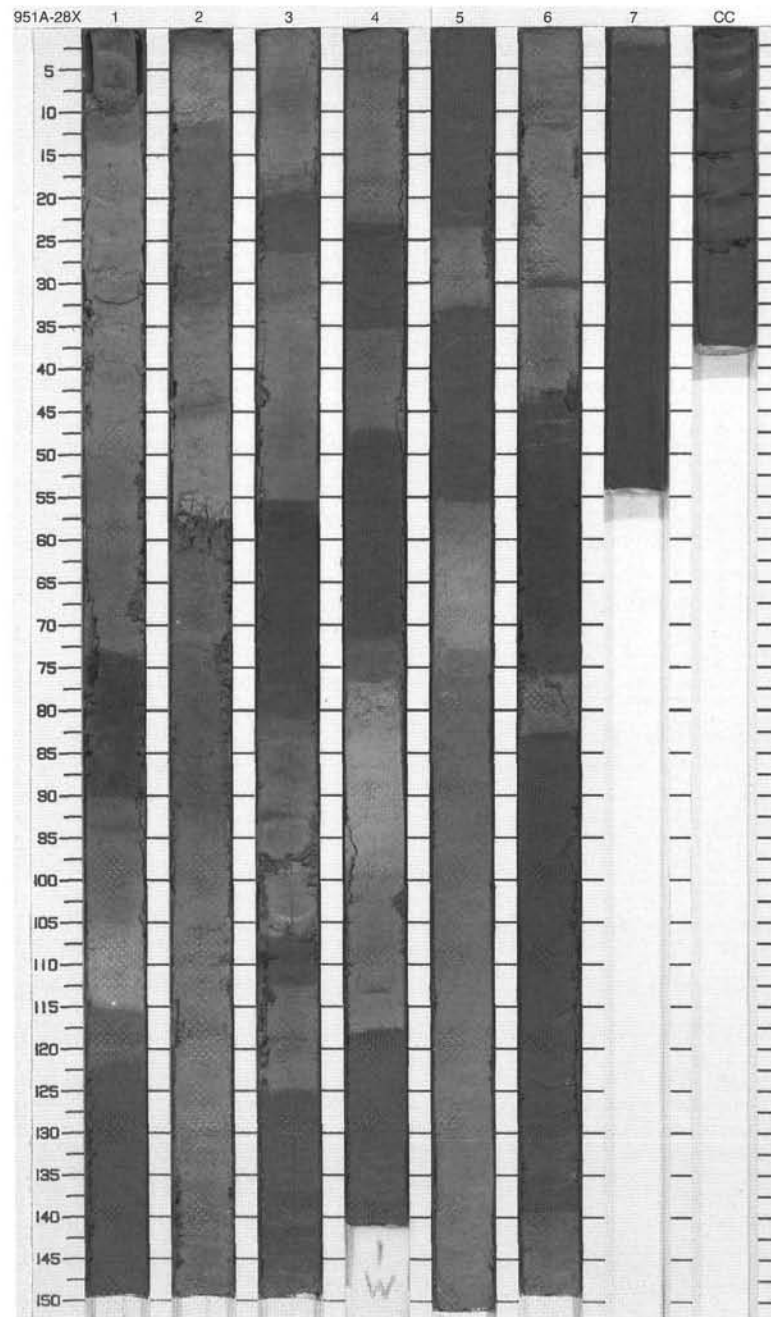
CORED 237.3 - 247.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	middle Miocene-late Miocene	[Symbol]	WWW	C	0.4G 3/1	<p>CLAY WITH NANNOFOSSILS</p> <p>Major Lithology: This core consists mainly of interbedded green and gray CLAY WITH NANNOFOSSILS. Units typically have sharp basal contacts and bioturbated tops.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY WITH NANNOFOSSILS occur in Section 1, 29-53, 115-120, and 146-150 cm, Section 2, 40-43, 62-66, 74-79, and 95-97 cm, Section 3, 7-8, 11-13, 19-21, 32-35, 53-54, 63-68, 72-75, 92-96, 119-120, 126-129, 134-137, and 149-150 cm, Section 4, 0-4 and 2-29 cm, and Section CC, 34-36, 43-47, 57-59, 68-70, and 76-80 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Pattern]	2		[Symbol]		C	4.4Y 4/1	
3	[Pattern]	3		[Symbol]		OC	0.3GY 3/1	
4	[Pattern]	4		[Symbol]				
5	[Pattern]	CC		[Symbol]			9Y 3.4/0.4	



SITE 951 HOLE A CORE 28X CORED 247.0 - 256.6 mbsf

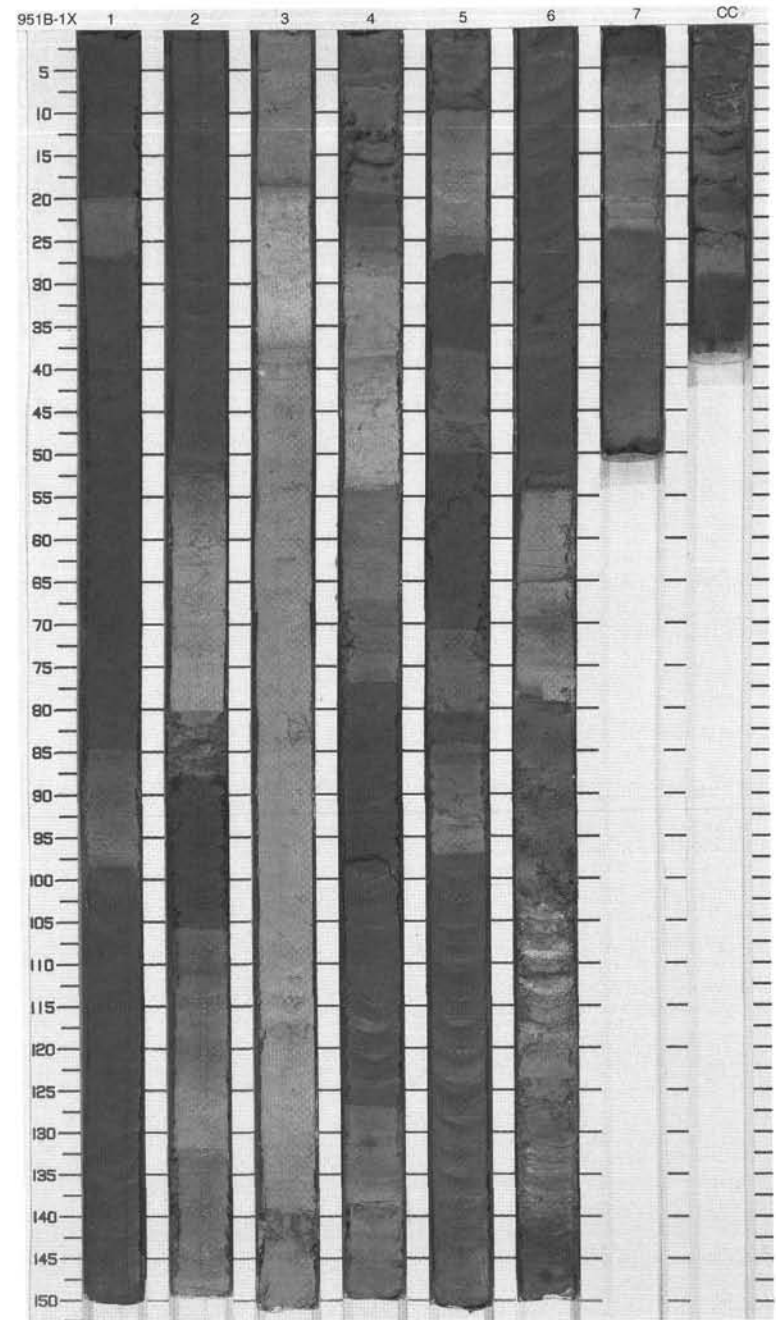
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Miocene-late Miocene				8Y 4/1	<p>CLAY WITH NANNOFOSSILS</p> <p>Major Lithology: This core consists mainly of interbedded green and gray CLAY WITH NANNOFOSSILS. Units typically have sharp basal contacts and bioturbated tops.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY occur in Section 1, 50-61 and 90-100 cm, Section 2, 1-2, 11-15, 23-32, 57-65, 72-83, and 136-145 cm, Section 3, 25-34, 80-84, 112-116, and 146-150 cm, Section 4, 35-37 and 71-76 cm, Section 5, 23-24 and 55-58 cm, and Section 6, 11-12, 76-77, and 139-140 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
							5GY 3/1	
2		2					8Y 4/0	
3		3					7G 4/1	
4		4					8GY 5/1	
5		5					9Y 2/1	
6		6						
7		7						
8		8						
9		9						
		CC						



DRILLED 0-255.0 mbsf

SITE 951 HOLE B CORE 1X CORED 255.0 - 264.6 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1				5G 4/1 to 10Y 3/1	CLAY WITH NANNOFOSSILS Major Lithology: This core consists mainly of interbedded green and gray CLAY WITH NANNOFOSSILS. Units typically have sharp basal contacts and bioturbated tops.
2	[Wavy pattern]	2	↑ F [Wavy pattern]			3GY 5/1	Minor Lithologies: Minor interbedded and interlaminated brown CLAY occur in Section 1, 19-20 cm, Section 2, 52 cm, Section 4, 35 cm, Section 5, 70 and 84 cm, and Section 7, 3-4 and 34 cm.
3	[Dotted pattern]	3	[Wavy pattern]				General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
4	[Dotted pattern]	4	↑ F [Wavy pattern]				
5	[Dotted pattern]	5	[Wavy pattern]			9Y 3/1	
6	[Dotted pattern]	6	[Wavy pattern]				
7	[Dotted pattern]	7	[Wavy pattern]				
CC	[Dotted pattern]	CC	[Wavy pattern]				

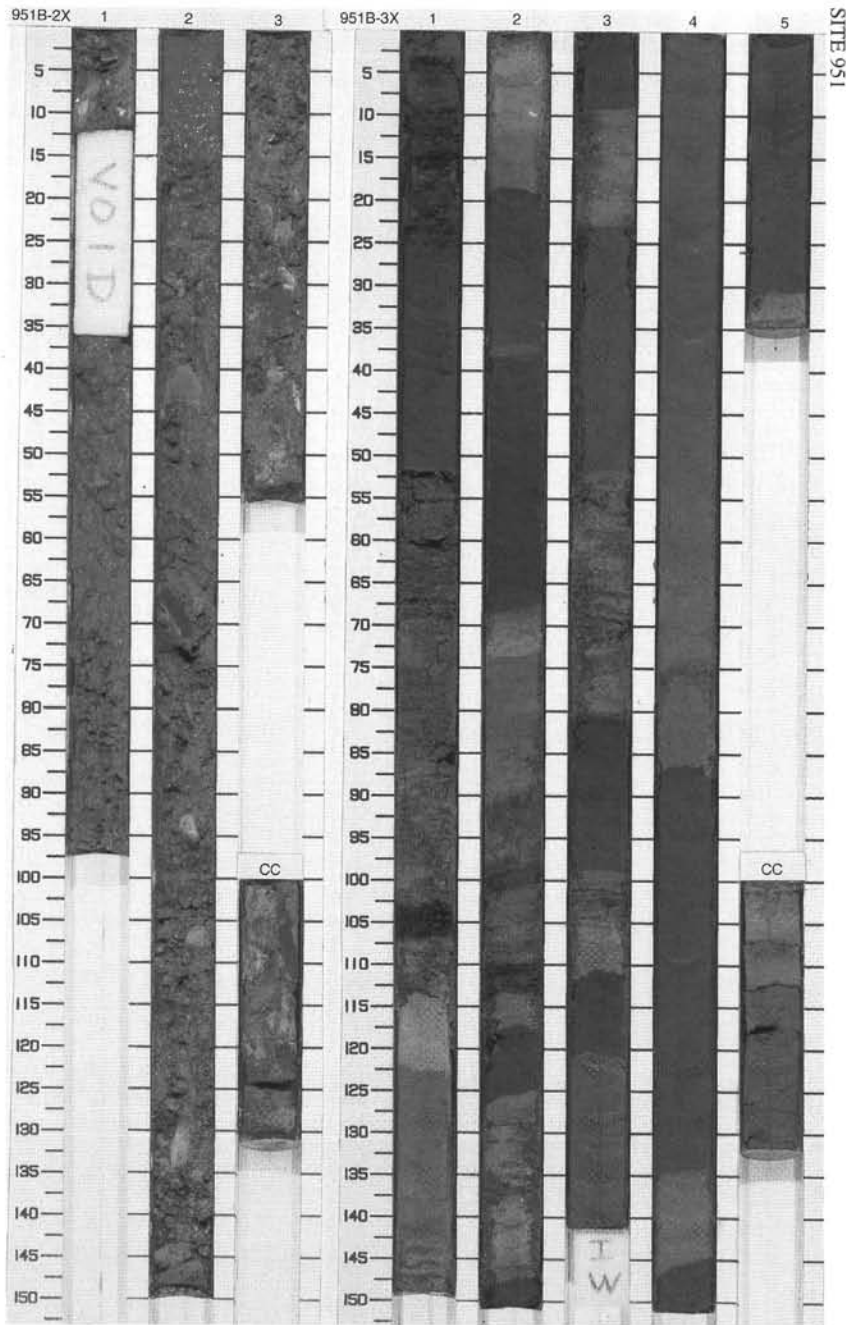


SITE 951 HOLE B CORE 2X CORED 264.6 - 274.3 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
0-1	[Dotted pattern]	1					CLAY WITH NANNOFOSSILS Major Lithology: This core is strongly disturbed by drilling. Possible major lithology is CLAY WITH NANNOFOSSILS.
1-2	[Dotted pattern]	2					
2-3	[Dotted pattern]	3					
3-3.5	[Dotted pattern]	CC					

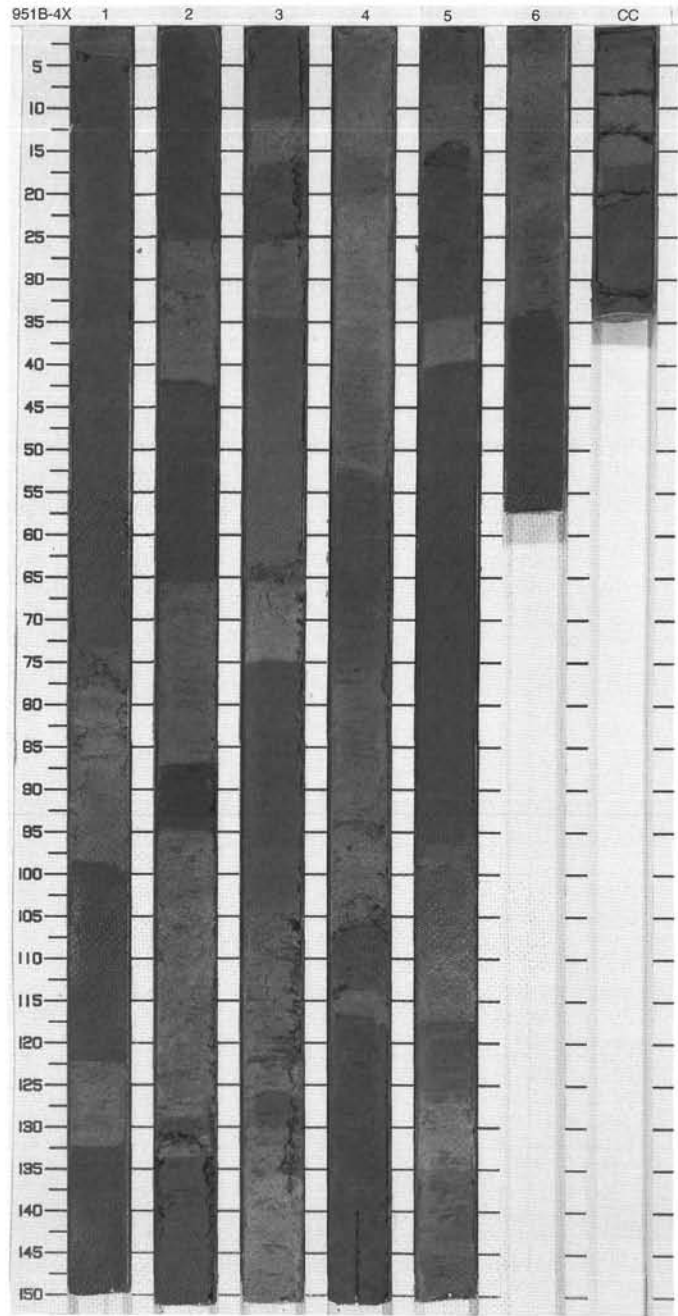
SITE 951 HOLE B CORE 3X CORED 274.3 - 283.9 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
0-1	[Dotted pattern]	1	[Horizontal lines]			4G 4/1 to 8Y 2.5/1.5	CLAY WITH SILICEOUS MICROFOSSILS Major Lithology: This core consists mainly of green CLAY WITH SILICEOUS MICROFOSSILS. Microfossils include diatoms and sponge spicules. Units typically have sharp basal contacts and slightly bioturbated tops. Minor Lithologies: Minor interbeds and interlaminae of brown CLAY occur in Section 1, 51-69 and 107 cm, Section 2, 69 and 124 cm, Section 3, 51, 98, and 121 cm, Section 4, 132 cm, and Section 5, 31 cm.
1-2	[Dotted pattern]	2	[Horizontal lines]				
2-3	[Dotted pattern]	3	[Horizontal lines]			4G 3/1 to 10Y 2/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
3-4	[Dotted pattern]	4	[Horizontal lines]				
4-5	[Dotted pattern]	5	[Horizontal lines]				
5-5.5	[Dotted pattern]	CC					



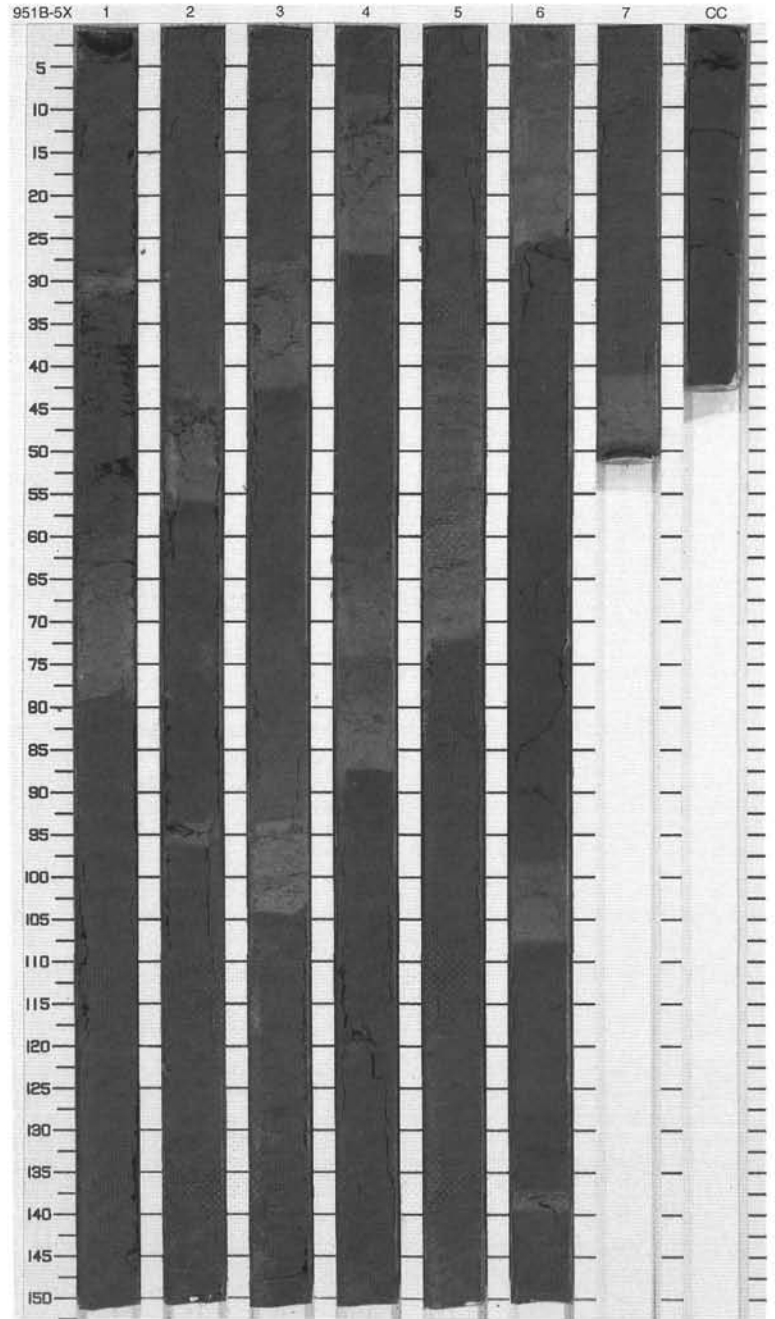
SITE 951 HOLE B CORE 4X CORED 283.9 - 293.6 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
0-1	[Dotted pattern]	1	[Horizontal lines]				<p>CLAY WITH SILICEOUS MICROFOSSILS</p> <p>Major Lithology: This core consists mainly of interbedded green CLAY WITH SILICEOUS MICROFOSSILS. Microfossils include diatoms and sponge spicules. Units typically have sharp basal contacts.</p> <p>Minor Lithologies: Minor interbeds of brown CLAY occur in Section 1, 73 and 122 cm, Section 2, 2-25, 65, and 94 cm, Section 3, 10, 103, and 135 cm, Section 4, 75-76 cm, and Section 5, 7, 97, and 146 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
1-2	[Dotted pattern]	2	[Horizontal lines]				
2-3	[Dotted pattern]	3	[Horizontal lines]				
3-4	[Dotted pattern]	4	[Horizontal lines]				
4-5	[Dotted pattern]	5	[Horizontal lines]				
5-6	[Dotted pattern]	6	[Horizontal lines]				
6-7	[Dotted pattern]	CC					
							1GY 3/1 to 4GY 3.5/1.5
							O



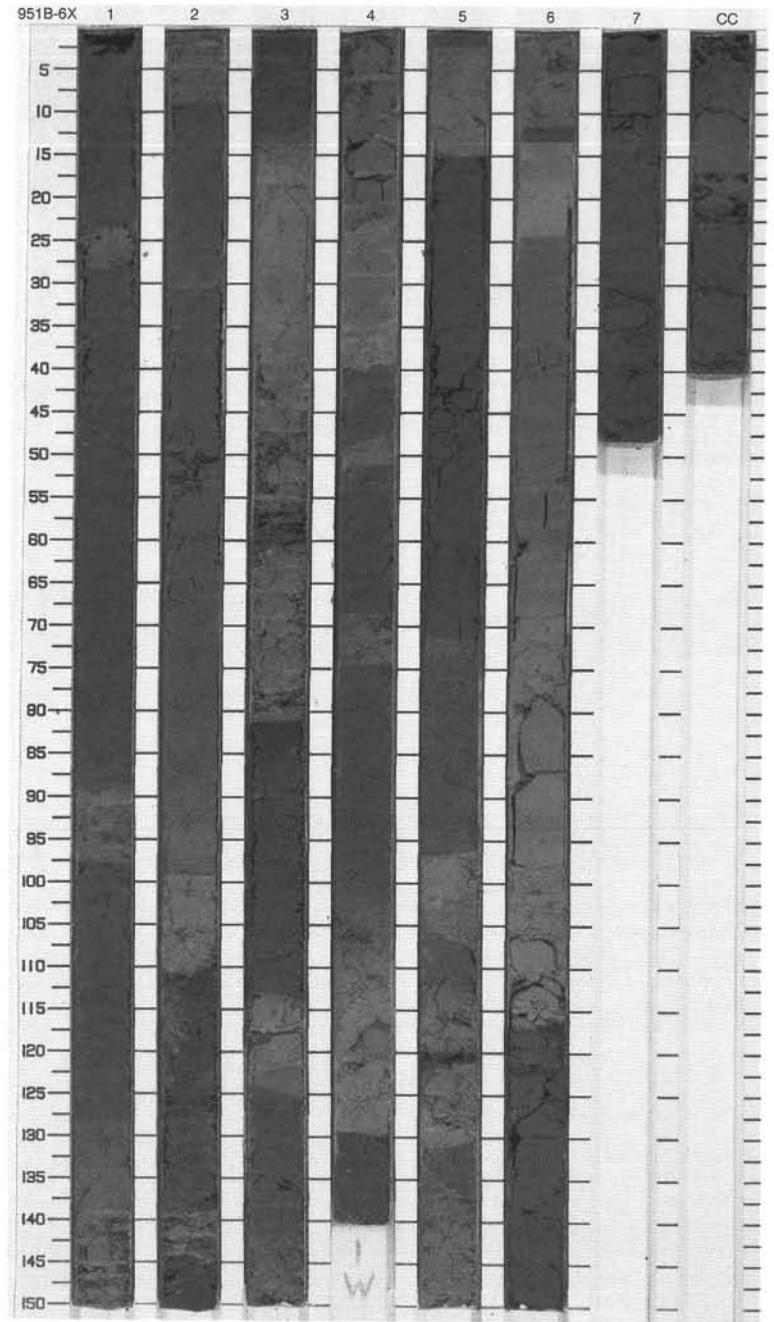
SITE 951 HOLE B CORE 5X CORED 293.6 - 303.2 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
0-1	[Dotted pattern]	1	 				<p>CLAY WITH SILICEOUS MICROFOSSILS</p> <p>Major Lithology: This core consists mainly of interbedded green CLAY WITH SILICEOUS MICROFOSSILS. Units typically have sharp basal contacts and bioturbated tops.</p> <p>Minor Lithologies: Minor interbeds of gray or green CLAY occur in Section 1, 60-63 cm, Section 2, 44-46 cm, Section 3, 27 and 93 cm, Section 4, 7-11, 62-63, and 79 cm, and Section 5, 37 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
1-2	[Dotted pattern]	2	 				
2-3	[Dotted pattern]	3	 				
3-4	[Dotted pattern]	3	 				
4-5	[Dotted pattern]	4	 				
5-6	[Dotted pattern]	4	 				
6-7	[Dotted pattern]	5	 				
7-8	[Dotted pattern]	6	 				
8-9	[Dotted pattern]	7	 				
9-10	[Dotted pattern]	CC					



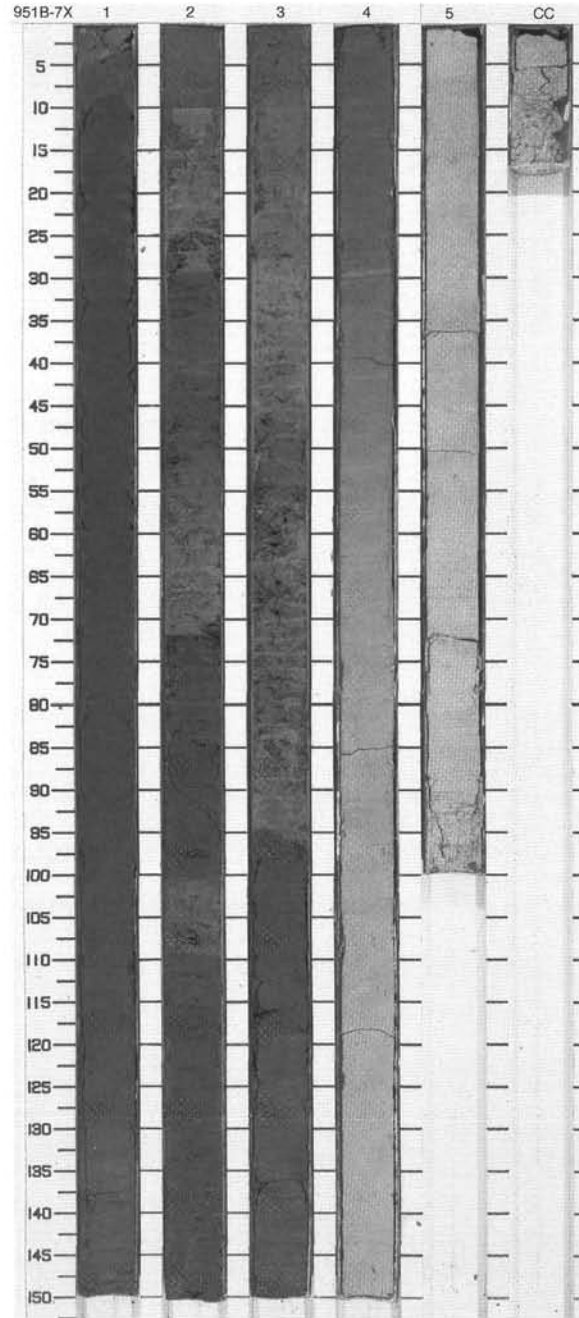
SITE 951 HOLE B CORE 6X CORED 303.2 - 312.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1					0.5GY 2.5/1	<p>CLAY and CLAY WITH SILICEOUS MICROFOSSILS</p> <p>Major Lithologies: This core consists mainly of interbedded green CLAY and green CLAY WITH SILICEOUS MICROFOSSILS. Units typically have sharp basal contacts.</p> <p>Minor Lithologies: Minor interbeds of green to gray CLAYEY SILT and gray CLAY occur in Section 1, 89 cm, Section 2, 94-99 cm, Section 4, 48-51 and 105-107 cm, Section 5, 0-2, 71-74, 120-121, and 138-139 cm, and Section 6, 11-13 and 60 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2		2						
3		3						
4		4						
5		4					1GY 3/1 to 2GY 3/1	
6		5						
7		6						
8		7						
9		CC						



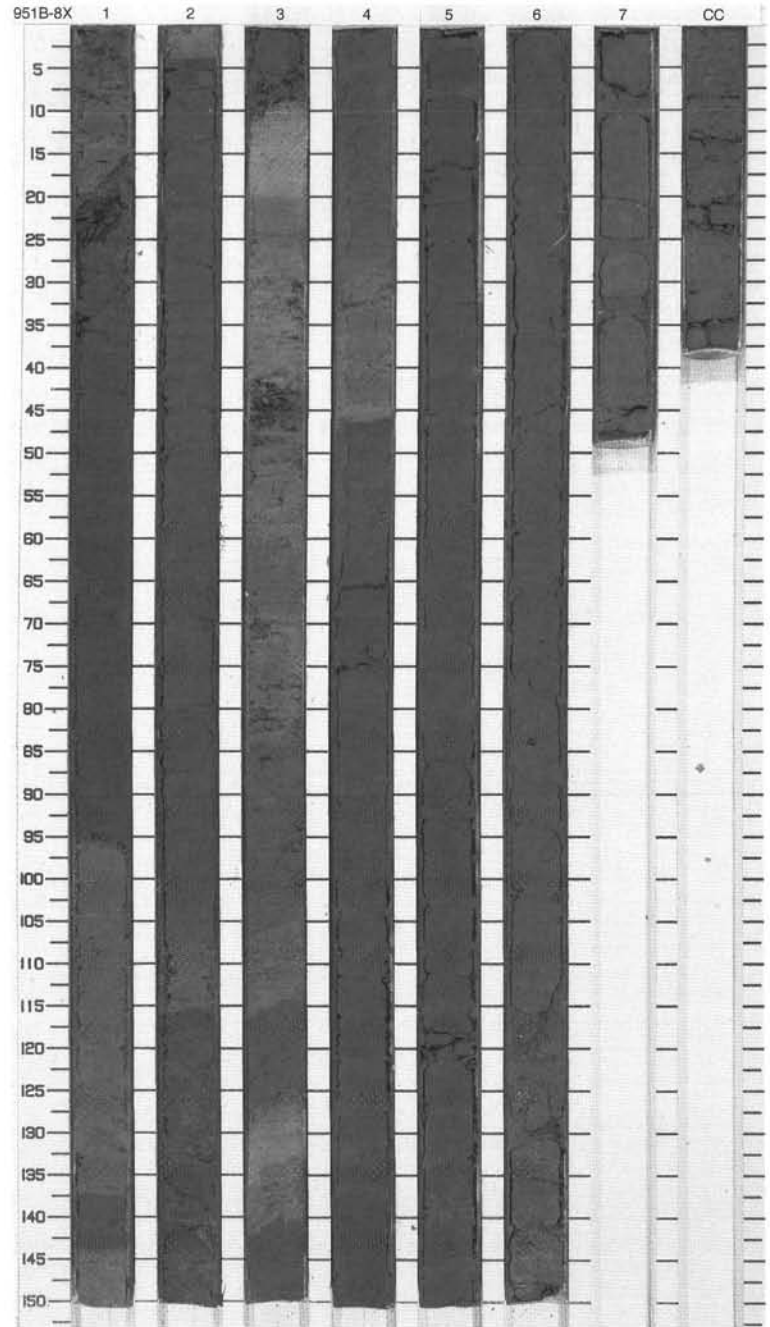
SITE 951 HOLE B CORE 7X CORED 312.9 - 322.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	middle Miocene-late Miocene	[Horizontal lines]				<p>CLAY, CALCAREOUS SILTY CLAY, and CALCARENITE</p> <p>Major Lithologies: This core consists mainly of interbedded green CLAY, white CALCAREOUS SILTY CLAY, and CALCARENITE. Units typically have sharp basal contacts.</p> <p>Minor Lithologies: Minor interbeds of gray CLAY and whitish gray SAND WITH CALCAREOUS MICROFOSSILS occur in Section 2, 101-102 cm, Section 3, 56-57 cm, and Section CC, 0-17 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Dotted pattern]	2					9Y 3/1	
3	[Dotted pattern]	3						
4	[Dotted pattern]	3						
5	[Dotted pattern]	4					1GY 4/1 to 3GY 5/1	
6	[Vertical lines]	5						
7	[Vertical lines]	5						
		CC						



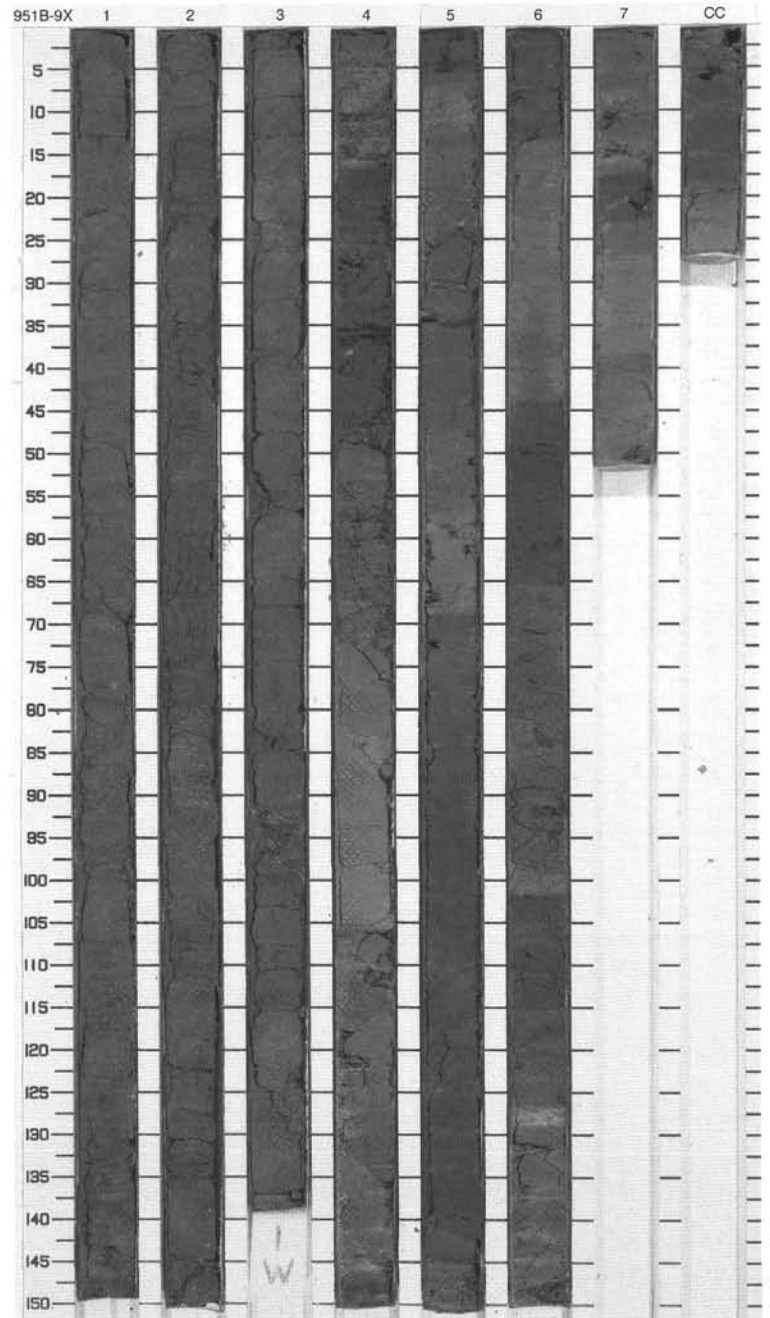
SITE 951 HOLE B CORE 8X CORED 322.5 - 332.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		[Symbol]			9Y 2/1	<p>CLAY, CLAY WITH SILICEOUS MICROFOSSILS, CLAY WITH NANNOFOSSILS and SANDSTONE</p> <p>Major Lithologies: This core consists mainly of interbedded green CLAY, CLAY WITH SILICEOUS MICROFOSSILS, CLAY WITH NANNOFOSSILS and SANDSTONE. Units typically have sharp basal contacts and bioturbated tops.</p> <p>Minor Lithologies: Minor interbeds of green and gray CLAY occur in Section 1, 95-96 and 117-118 cm, Section 2, 108-109 cm, and Section 3, 24-25 cm. Green GRAVEL occurs in Section CC, 3-4, 18-20, and 34-38 cm.</p> <p>General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.</p>
2	[Dotted pattern]	2		[Symbol]			4G 3/1	
3	[Dotted pattern]	3		[Symbol]			2.5G 3/1	
4	[Dotted pattern]	3		[Symbol]			4GY 3/1	
5	[Dotted pattern]	4	middle Miocene-late Miocene					9.5Y 3/1
6	[Dotted pattern]	5						
7	[Dotted pattern]	6						
8	[Dotted pattern]	6		[Symbol]				
9	[Dotted pattern]	7		[Symbol]				
	[Dotted pattern]	CC		[Symbol]				



SITE 951 HOLE B CORE 9X CORED 332.1 - 341.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Miocene-late Miocene	↑ F 		S		SILTY SAND and CLAY
2		2				S	0.5G 3/1 to 3GY 4/1	Major Lithologies: This core consists mainly of green SILTY SAND in the upper part and green and gray CLAY in the lower. Units typically have sharp basal contacts and very minor bioturbated tops.
3		3				S		Minor Lithologies: Minor interbeds of purple-blue CLAY occur in Section 4, 7-8, 47-48, and 66-68 cm, Section 5, 6-7, 47-50, and 127-129 cm, Section 6, 13-14, 65-68, and 127-129 cm, Section 7, 23-27 cm, and Section CC, 18-22 cm.
4		4				OI	0.5GY 3/1	General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
5		5				S	9GY 4/1	
6		6	S					
7		7	S					
8		8				S	10Y 3/1	
9		9	S					
CC		CC						



SITE 951 HOLE B CORE 10X CORED 341.9 - 351.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0								CLAY WITH NANNOFOSSILS and CLAY
1		1		}}				Major Lithologies: This core consists mainly of dark olive green CLAY WITH NANNOFOSSILS and CLAY. Units typically have sharp basal contacts and bioturbated tops.
2		2		}}				Minor Lithologies: Minor interbeds of blue-gray CLAY occur in Section 1, 119-121 cm, Section 2, 11-12, 37-38, 55-58, and 103-105 cm, Section 3, 81-82 and 92-93 cm, Section 4, 41-45 and 92-93 cm, Section 5, 7-8 and 71-72 cm, Section 6, 30-32 and 95-97 cm, and Section CC, 7 cm.
3		3		}}				General Description: This core consists of distinct interbeds of the major and minor lithologies. Many of the major lithologies have color changes in the upper parts depending on organic carbon content.
4		3	Middle Miocene-late Miocene	}}			1GY 2/1 to 10G 4/1	
5		4	Middle Miocene-late Miocene	}			O	
6		5	Middle Miocene-late Miocene	}}				
7		5	Middle Miocene-late Miocene	}}				
8		6	Middle Miocene-late Miocene	↑ F				
9		6	Middle Miocene-late Miocene	}				
		CC						

