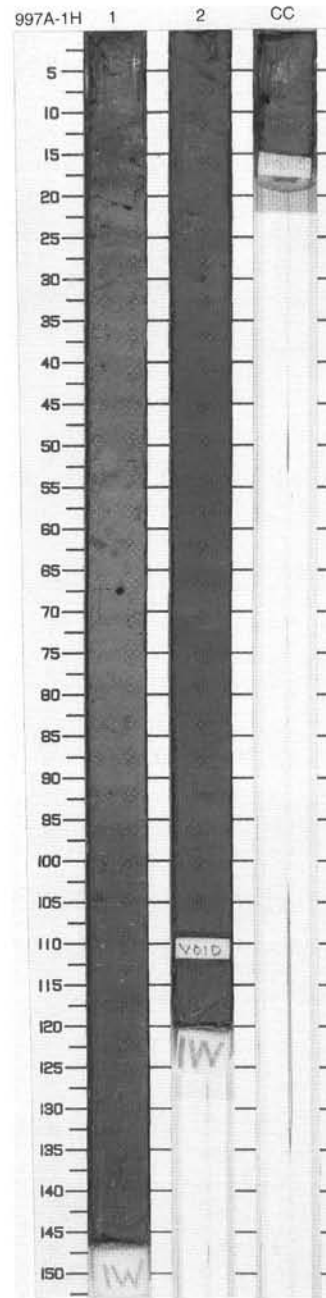


SITE 997 HOLE A CORE 1H

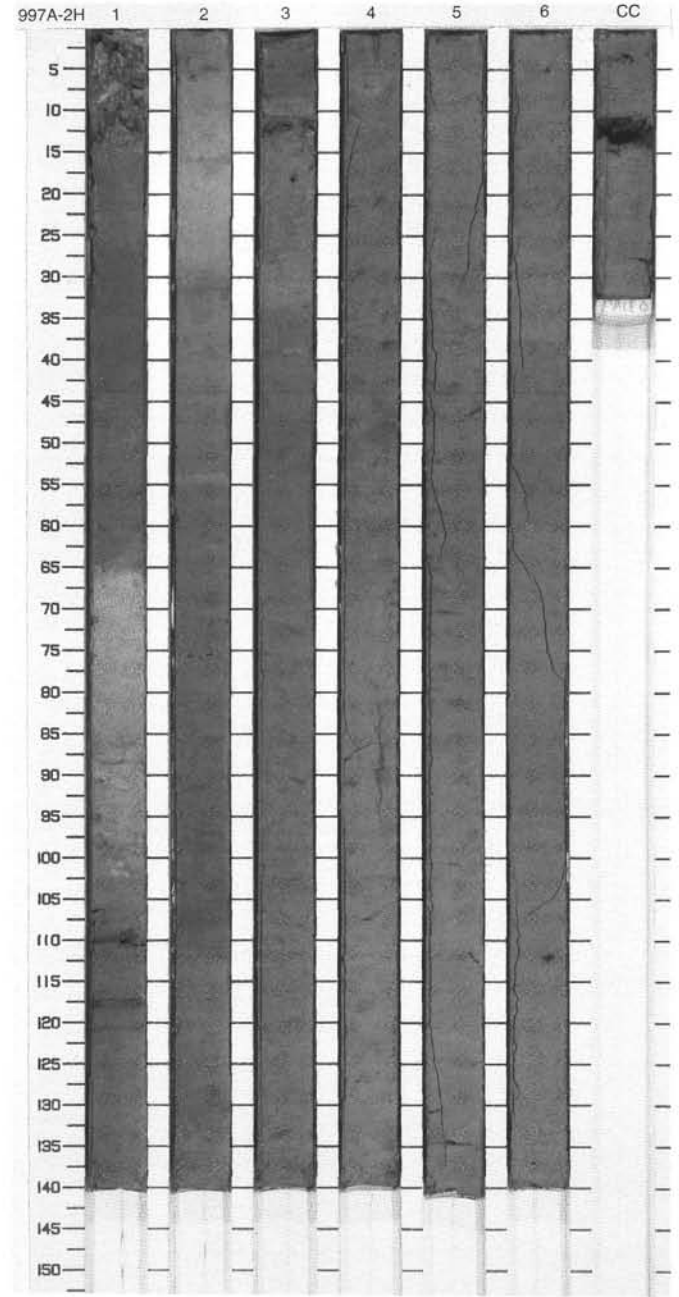
CORED 0.0 - 2.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pleistocene	~	I	S	5Y 5/1	<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: This core consists of greenish gray to dark greenish gray (5Y 5/1 to 7.5YR 5/2) NANNOFOSSIL-RICH CLAY with slight bioturbation throughout. Beds foraminifers and pteropod-shell fragments occur in Section 2, 59-61 and 69-72 cm.</p> <p>Minor Lithology: Grayish brown (10YR 5/2) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY occurs in Section 1, 0-19 cm.</p>
2	[Dotted pattern]	2				S	5Y 6/1 To 5Y 4/1	
CC	[Dotted pattern]	CC	S	7.5YR 5/2 To 5Y 5/1				



SITE 997 HOLE A CORE 2H CORED 2.9 - 12.4 mbsf

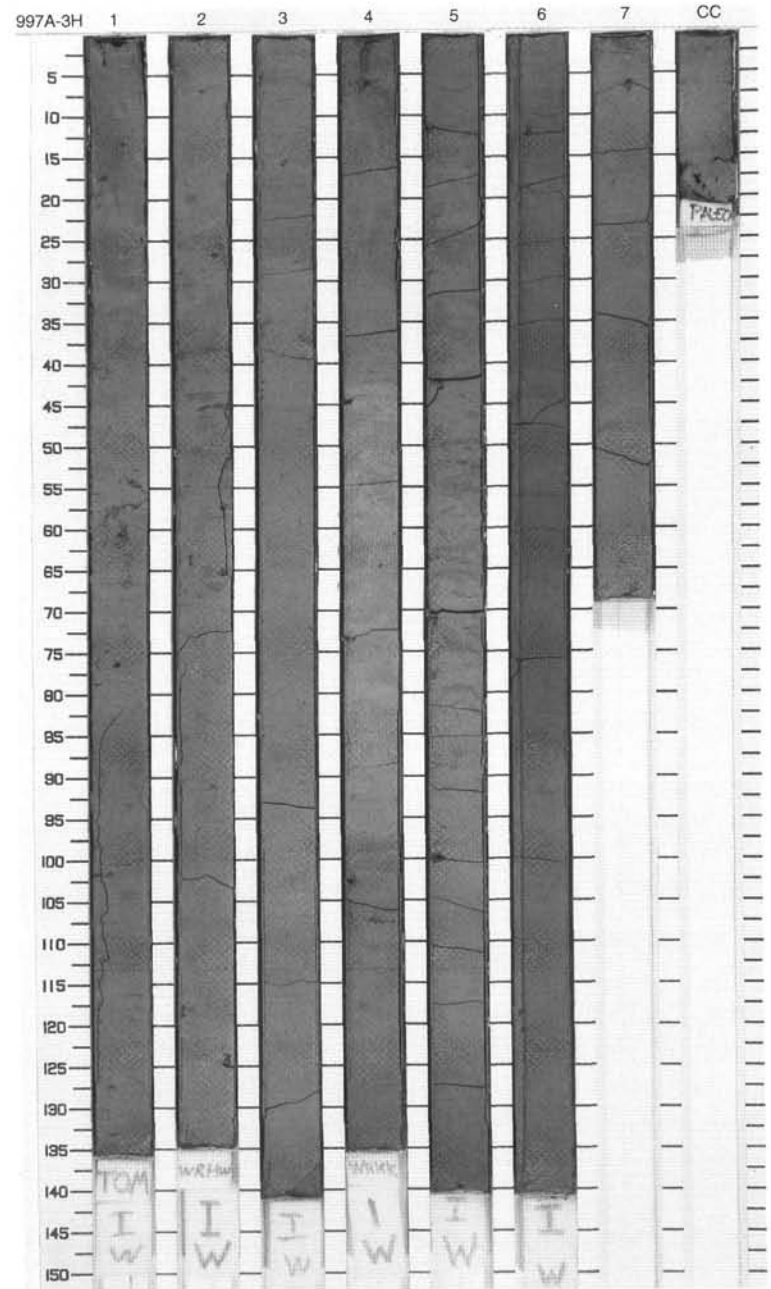
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description		
1	[Pattern]	1	late Pleistocene	}}	O	S	5GY 5/1	FORAMINIFER-RICH NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY Major Lithologies: This core consists of moderately to intensely bioturbated greenish gray (5GY 5/1) FORAMINIFER-RICH NANNOFOSSIL-RICH CLAY in Section 1, 0-56 cm, and Section 1, 122 cm, to Section 3, 30 cm, Section 3, 30 cm, though CC and NANNOFOSSIL-BEARING CLAY in Section 3, 30 cm, through CC. Minor Lithology: A bed of light greenish gray (5GY 7/1 to 6/1) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY occurs in Section 1, 65-122 cm.		
2	[Pattern]	2					S		I	5GY 7/1 To 5GY 6/1
3	[Pattern]	3					S D C		I	
4	[Pattern]	4					I			
5	[Pattern]	5					S D C		I	5GY 5/1
6	[Pattern]	6					I			
7	[Pattern]	7					I			
8	[Pattern]	8					I			
9	[Pattern]	9					I			
		CC			I	M				



SITE 997 HOLE A CORE 3H

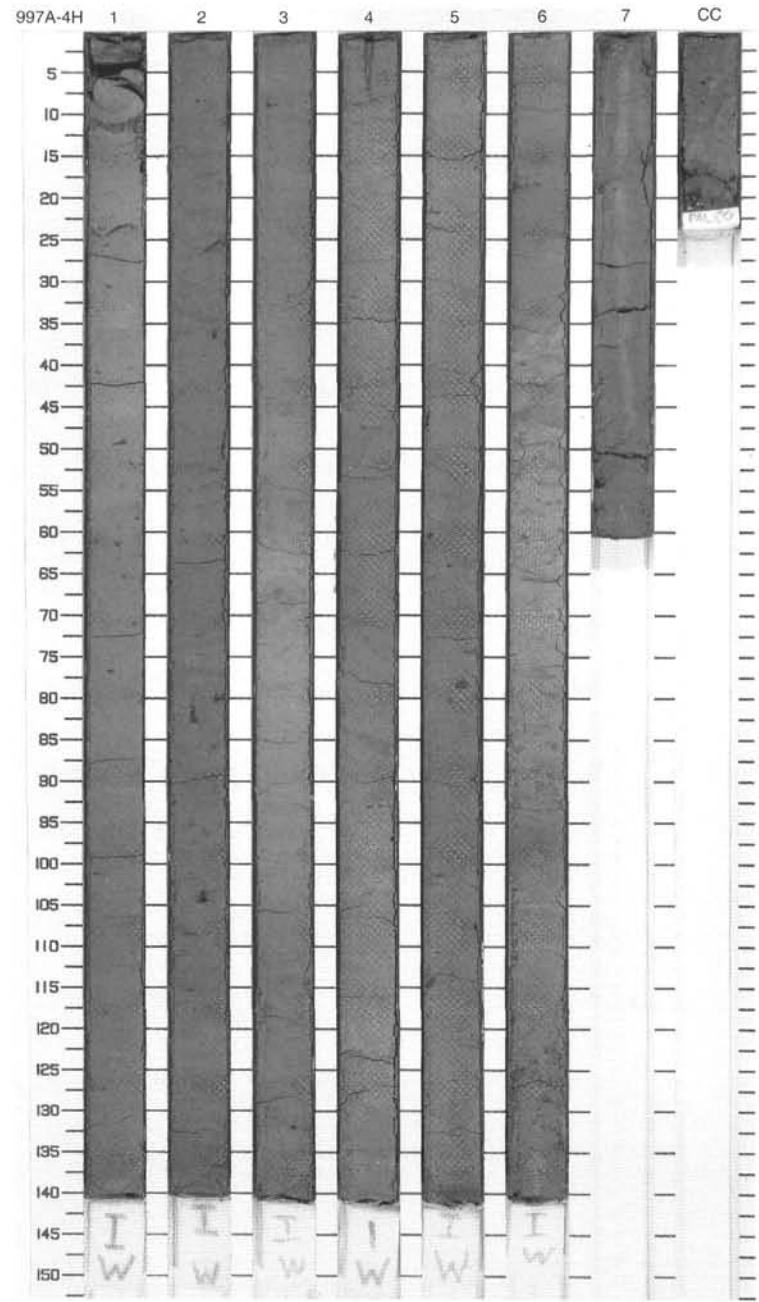
CORED 12.4 - 21.9 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	}}				FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-RICH CLAY Major Lithologies: This core consists of moderately bioturbated, greenish gray (5GY 5/1) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and moderately to intensely bioturbated, greenish gray to gray (5GY 6/1 to 5Y 6/1) or gray (5Y 5/1) NANNOFOSSIL- RICH CLAY.
2	[Dotted pattern]	2	}}		I W	5GY 5/1	
3	[Dotted pattern]	3	}}		S DC	5GY 5/1	
4	[Dotted pattern]	3	}}		I	5GY 5/1	
5	[Dotted pattern]	4	}}		I	5GY 6/1 To 5Y 6/1	
6	[Dotted pattern]	4	}}		S	5GY 5/1	
7	[Dotted pattern]	5	}}		I	5GY 6/1 To 5Y 6/1	
8	[Dotted pattern]	6	}}		I	5Y 5/1	
9	[Dotted pattern]	7	}}		I	5GY 5/1	
	[Dotted pattern]	7	}}		I	5Y 5/1	
	[Dotted pattern]	CC	}}		M	5GY 5/1	



SITE 997 HOLE A CORE 4H CORED 21.9 - 31.4 mbsf

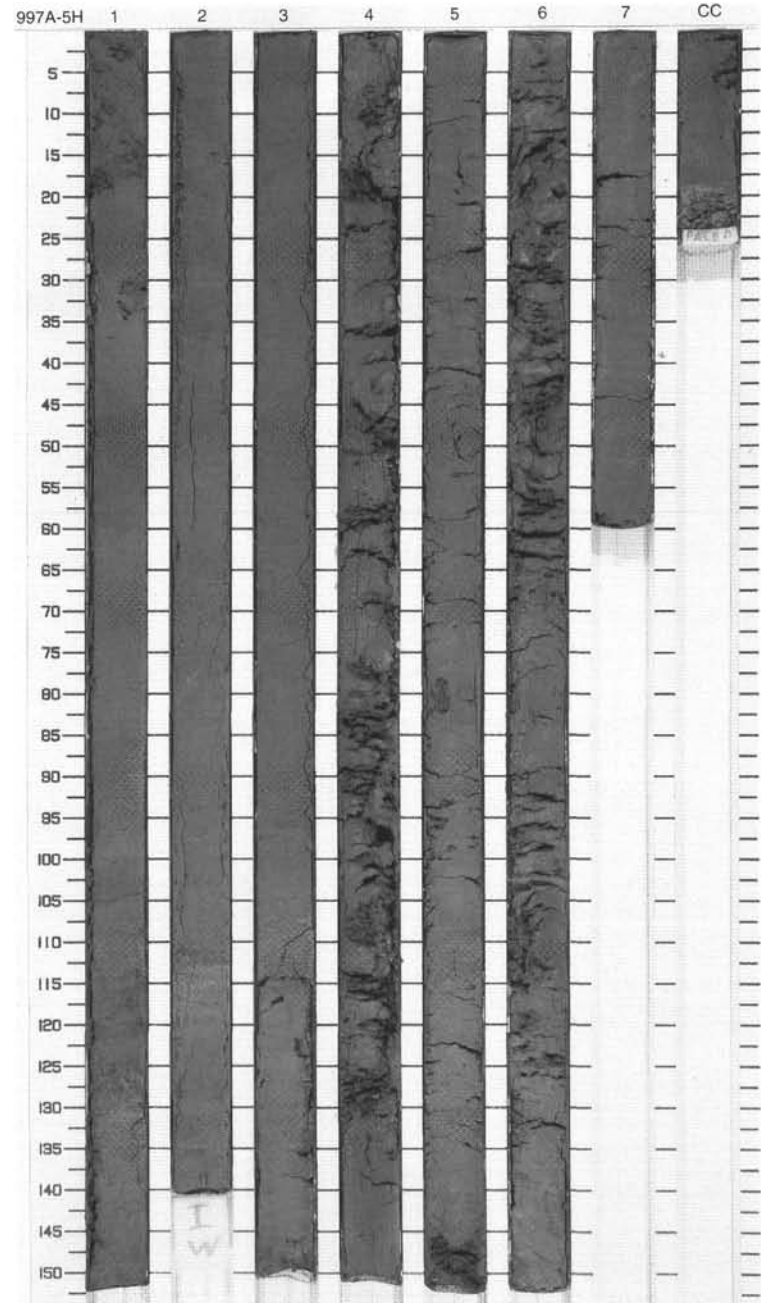
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pleistocene	~	I	5GY 5/1	5GY 5/1	<p>FORAMINIFER-BEARING NANNOFOSSIL-BEARING CLAY, NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-RICH CLAY</p> <p>Major Lithologies: This core consists of moderately to intensely bioturbated, greenish gray (5GY 5/1) FORAMINIFER-BEARING NANNOFOSSIL-BEARING CLAY, greenish-gray (5G 5/1) NANNOFOSSIL-BEARING CLAY and greenish gray to gray (5GY 6/1 to 5Y 6/1) NANNOFOSSIL-RICH CLAY.</p>
2	[Dotted pattern]	2		~	S DC	5GY 6/1 To 5Y 6/1	5GY 6/1 To 5Y 6/1	
3	[Dotted pattern]	3		~	I	5GY 5/1	5GY 5/1	
4	[Dotted pattern]	4		~	I	5GY 6/1 To 5Y 6/1	5GY 6/1 To 5Y 6/1	
5	[Dotted pattern]	5		~	S DC	5GY 5/1	5GY 5/1	
6	[Dotted pattern]	6		~	I	5Y 5/1	5Y 5/1	
7	[Dotted pattern]	7		~	I	5G 6/1	5G 6/1	
8	[Dotted pattern]	8		~	I	5G 5/1	5G 5/1	
9	[Dotted pattern]	9		~	I	5Y 5/1	5Y 5/1	
CC						M		



SITE 997 HOLE A CORE 5H

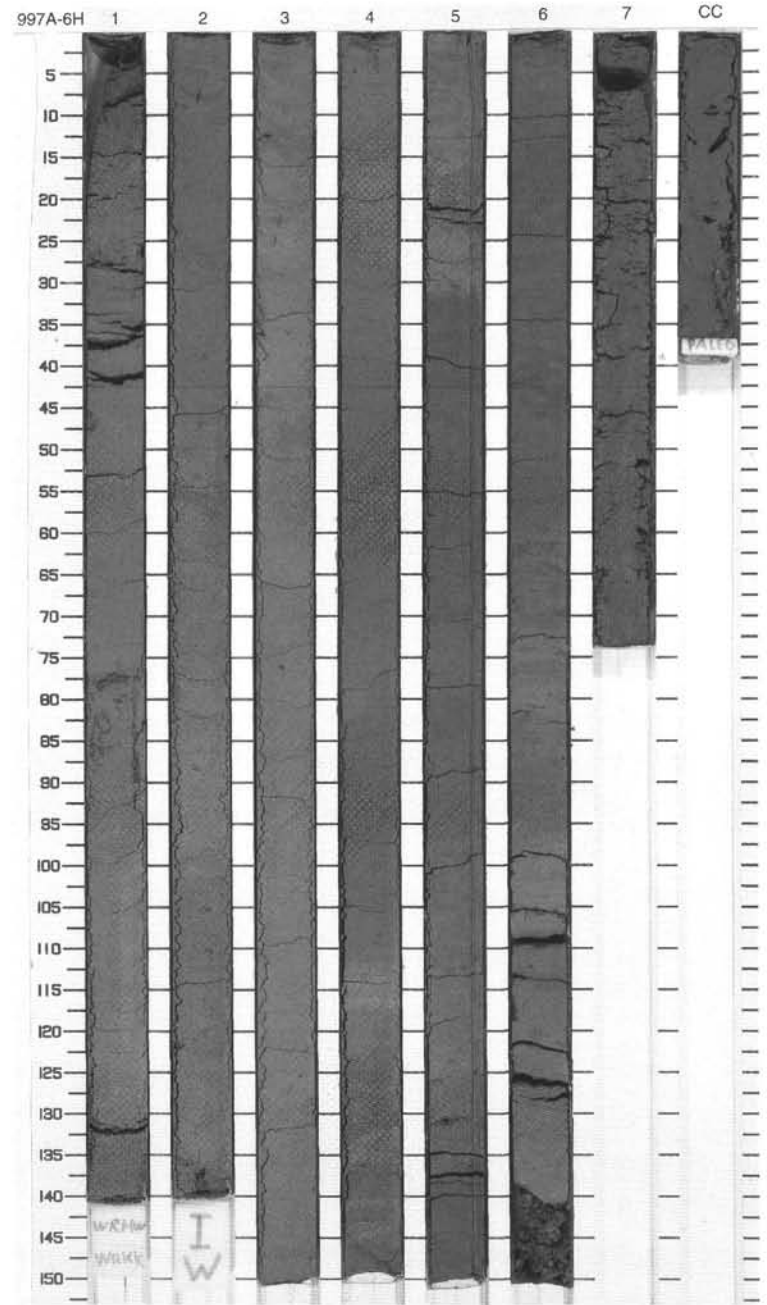
CORED 31.4 - 40.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	early Pleistocene	S DC	O	S	5BG 6/1	NANNOFOSSIL-RICH DIATOM-RICH CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY
2	[Pattern]	2					5B 6/1	Major Lithologies: This core consists of moderately bioturbated, greenish gray to bluish gray (5BG 6/1 to 5B 6/1 and 5GY 5/1) and greenish gray to gray (5GY 5/1 to 5Y 5/1) NANNOFOSSIL-RICH DIATOM-RICH CLAY and greenish gray (5GY 6/1 and 5GY 5/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAY.
3	[Pattern]	3					5GY 5/1	Minor Lithology: A FORAMINIFER-RICH NANNOFOSSIL-RICH DIATOM-RICH CLAY forms beds as much as 5 cm thick in Sections 1, 2 and 3.
4	[Pattern]	4					5GY 6/1	
5	[Pattern]	5	early Pleistocene	S DC	---	S DC	5GY 6/1	
6	[Pattern]	6						
7	[Pattern]	7						
8	[Pattern]	6					5GY 5/1	
9	[Pattern]	7						
		CC						



SITE 997 HOLE A CORE 6H CORED 40.9 - 50.4 mbsf

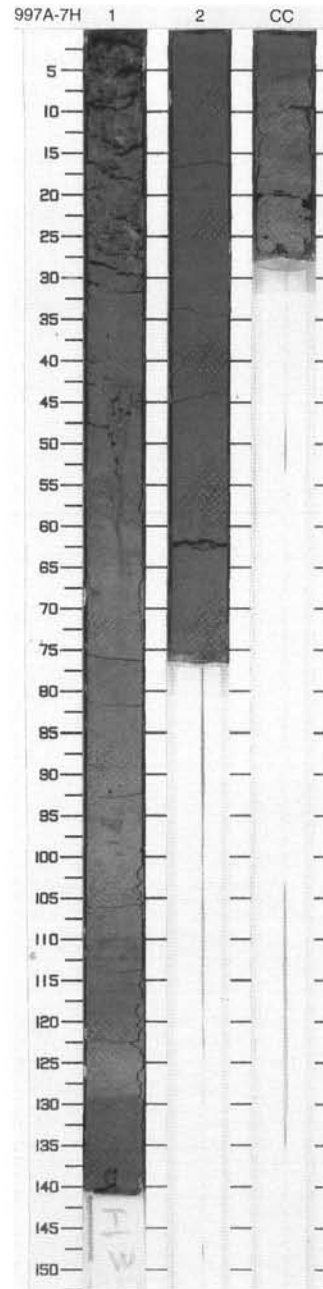
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	early Pleistocene			W W S DC I S S DC S DC O M	5GY 5/1	DIATOM-RICH CLAY and DIATOM-BEARING CLAY
2	[Pattern]	2					5GY 6/1 To 5Y 6/1	Major Lithologies: This core consists of homogeneous greenish gray (5GY 6/1, 5GY 6/1 to 5GY 5/1 and 5GY 5/1) and olive gray (5Y 5/2) DIATOM-RICH CLAY and greenish gray to gray (5GY 5/1 to 5Y 5/1) and olive gray (5Y 5/2) DIATOM-BEARING CLAY. Moderate bioturbation occurs only in Section 4.
3	[Pattern]	3					5GY 5/1	Minor Lithologies: Concentrations of sponge spicules less than 0.5 cm in diameter occur in Sections 1 and 2. A bed of FORAMINIFER-RICH DIATOM-RICH CLAY occurs in Section 5, 10-19 cm. Individual burrows of Zoophycos are visible in Section 4, 125-145 cm.
4	[Pattern]	4					5GY 6/1	
5	[Pattern]	5					5GY 6/1 To 5GY 5/1	
6	[Pattern]	6					5Y 5/2	
7	[Pattern]	7					5GY 6/1	
8	[Pattern]	8					5BG 6/1	
9	[Pattern]	9					5Y 5/2	
10	[Pattern]	CC					5GY 5/1 To 5Y 5/1	



SITE 997 HOLE A CORE 7H

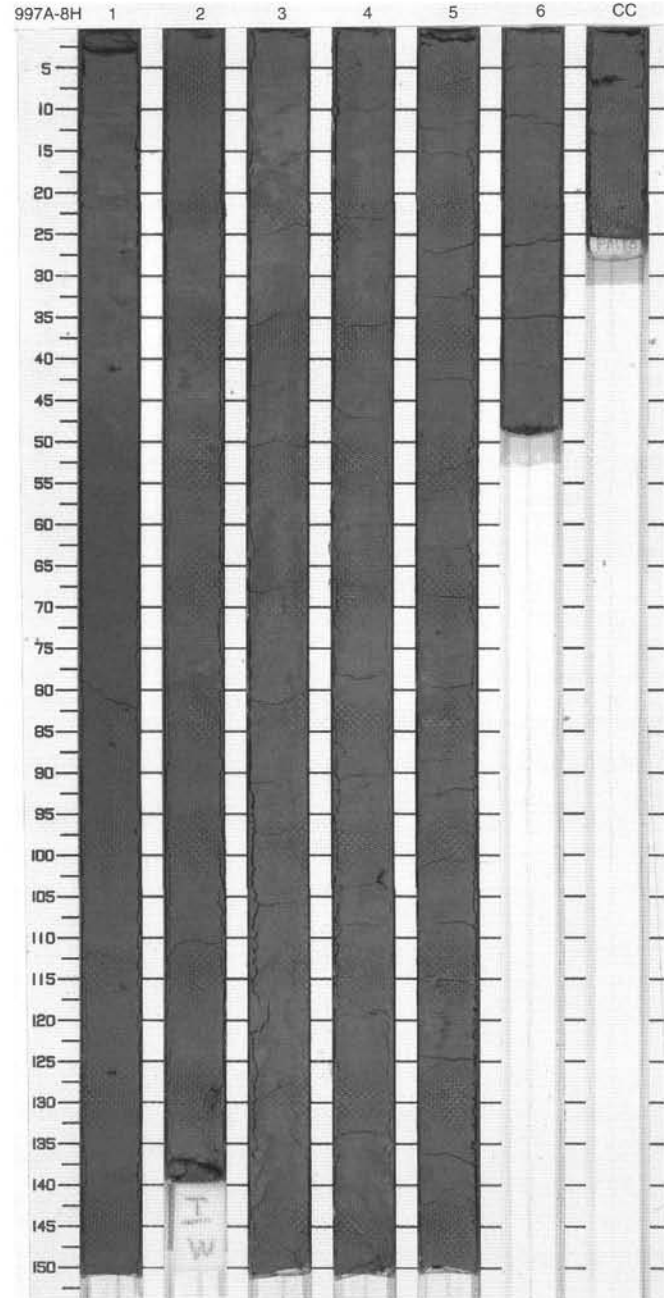
CORED 50.4 - 52.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pleistocene	~	○ ○	S D C	5GY 5/1	NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY Major Lithologies: This core consists of slightly to moderately bioturbated, greenish gray (5GY 5/1 and 5G 6/1) NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY.
2	[Dotted pattern]	2					5G 6/1	
		CC				M	5GY 5/1	Minor Lithologies: FORAMINIFER-RICH NANNOFOSSIL-RICH CLAY occurs in Section 1, 125-130 cm.



SITE 997 HOLE A CORE 8H CORED 52.9 - 61.4 mbsf

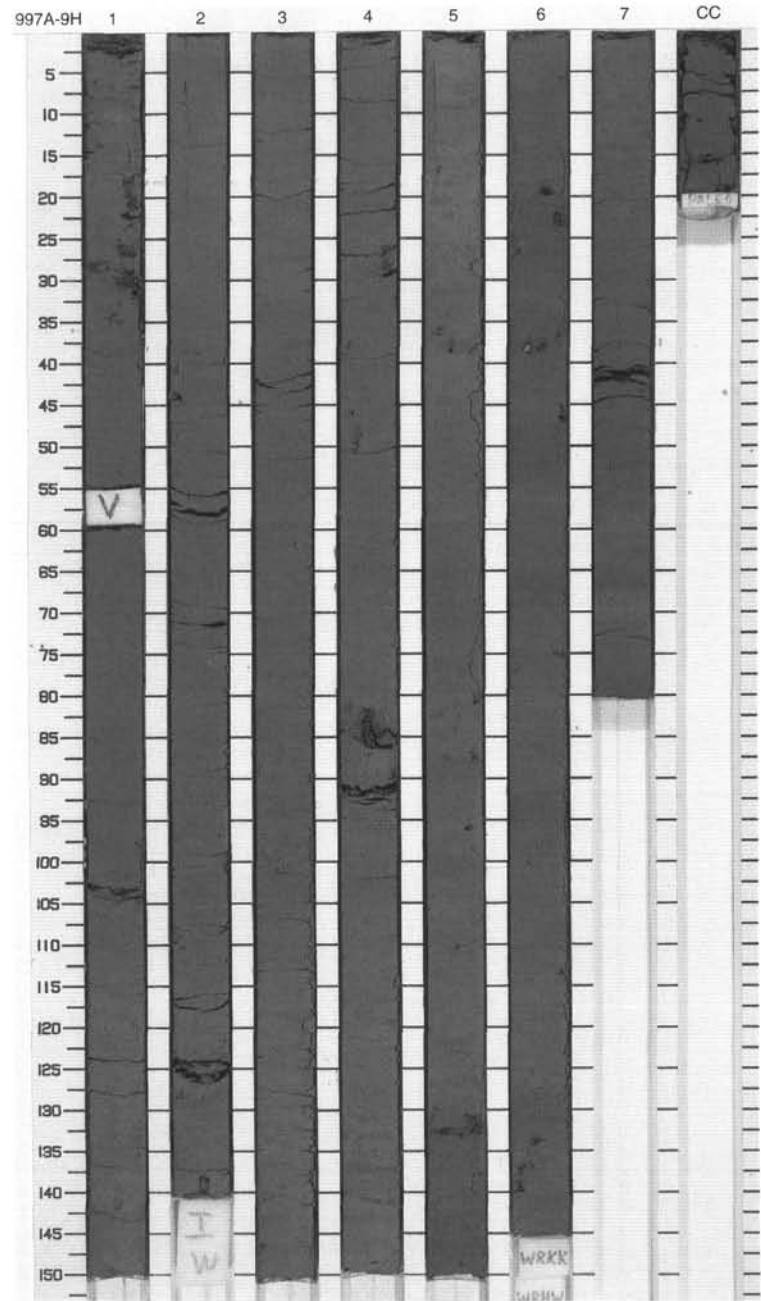
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pleistocene	P	-	S DC	5GY 5/1	<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: This core consists of slightly to intensely bioturbated, greenish gray (5GY 5/1, 5G 5/1, and 5GY 5/1 to 5G 5/1) NANNOFOSSIL-RICH CLAY.</p> <p>Minor Lithologies: PYRITE CONCRETIONS occur in Section 1, 34 cm, 75 cm, 79 cm, 108 cm, and 119 cm, and CARBONATE CONCRETIONS occur in Section 3, 14-18 cm, Section 5, 45 cm and 120 cm, and Section 6, 40 cm and 47 cm.</p>
2	[Dotted pattern]	2					5GY 5/1 To 5G 5/1	
3	[Dotted pattern]	3					5GY 5/1	
4	[Dotted pattern]	4					W	
5	[Dotted pattern]	5					5GY 5/1 To 5G 5/1	
6	[Dotted pattern]	6					S DC	
7	[Dotted pattern]	CC						
8	[Dotted pattern]					M		



SITE 997 HOLE A CORE 9H

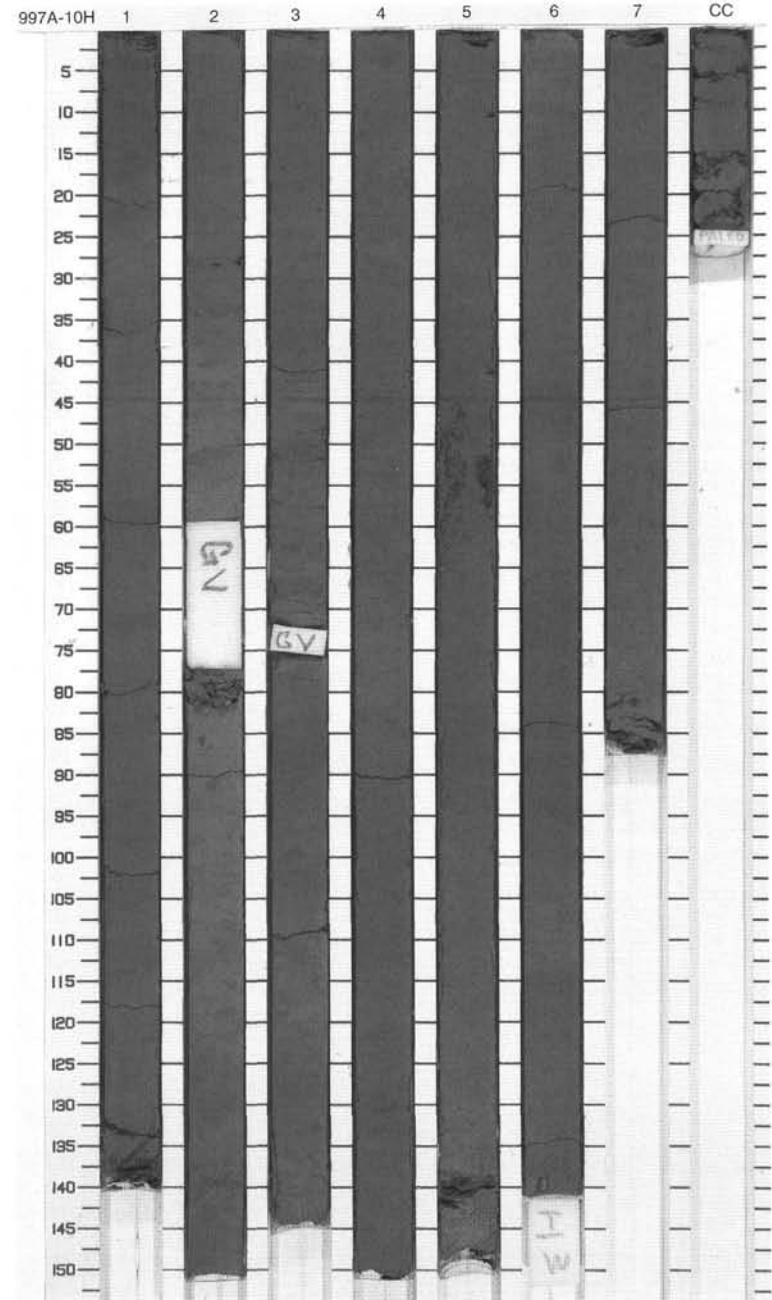
CORED 61.4 - 70.9 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pleistocene			5GY 5/1 To 5Y 5/1	<p>NANNOFOSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of slightly to moderately bioturbated, greenish gray (5GY 5/1 to 5Y 5/1, 5GY 5/1, and 5G 5/1) NANNOFOSSIL-BEARING CLAY.</p> <p>Minor Lithologies: A PYRITE CONCRETION occurs in Section 4, 84-86 cm.</p>
2	[Dotted pattern]	2					
3	[Dotted pattern]	3					
4	[Dotted pattern]	4					
5	[Dotted pattern]	5					
6	[Dotted pattern]	6					
7	[Dotted pattern]	7					
8	[Dotted pattern]	6				5GY 5/1	
9	[Dotted pattern]	7				W	
10	[Dotted pattern]	CC				M	



SITE 997 HOLE A CORE 10H CORED 70.9 - 80.4 mbsf

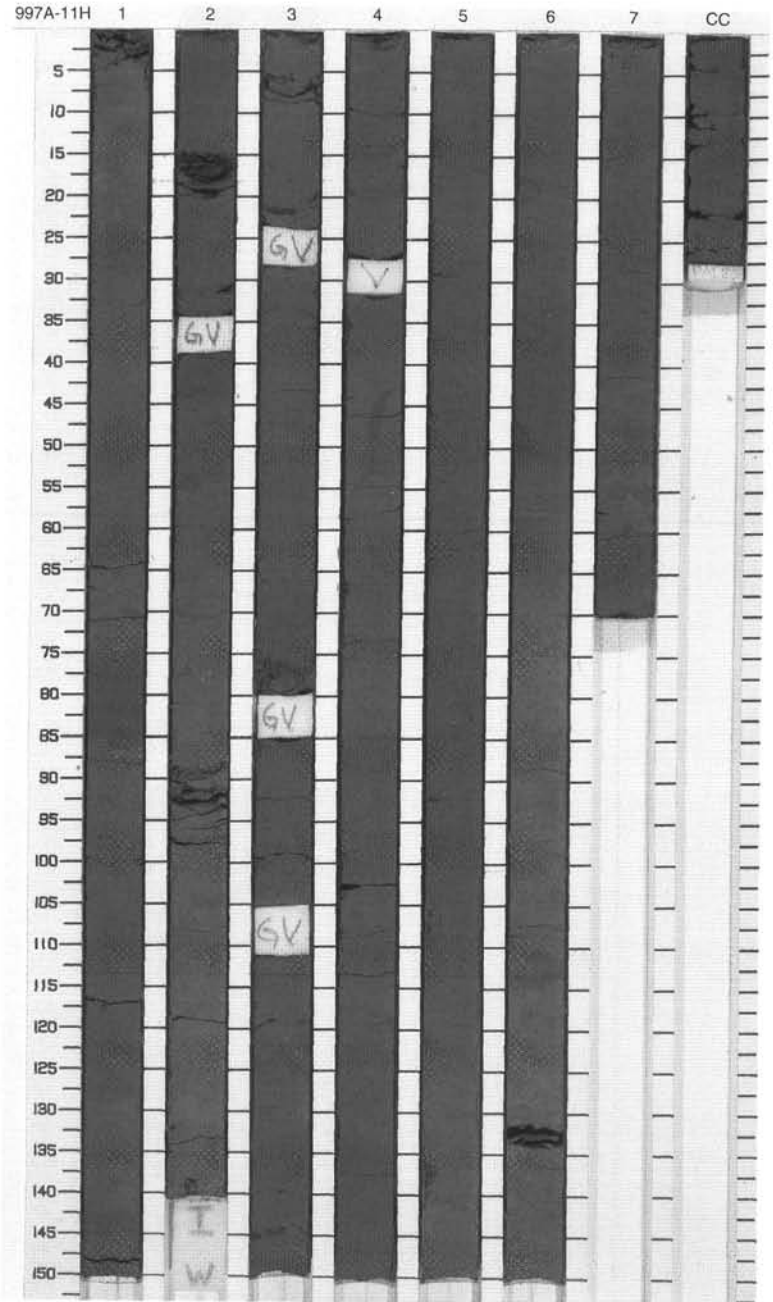
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~				<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: This core consists of greenish gray (5GY 5/1) NANNOFOSSIL-RICH CLAY, with slight to moderate bioturbation.</p> <p>Minor Lithologies: A 6-cm thick gray (5Y 5/1) carbonate bed occurs in Section 3, 139 cm.</p>
2	Void	2		~		S DC		
3	[Dotted pattern]	3		~				
4	[Dotted pattern]	3	late Pliocene - early Pleistocene	~				
5	[Dotted pattern]	4		~			5GY 5/1	
6	[Dotted pattern]	5		~		S DC		
7	[Dotted pattern]	5		~		S		
8	[Dotted pattern]	6		~				
9	[Dotted pattern]	7		~		I		
10	[Dotted pattern]	CC		~		M		



SITE 997 HOLE A CORE 11H

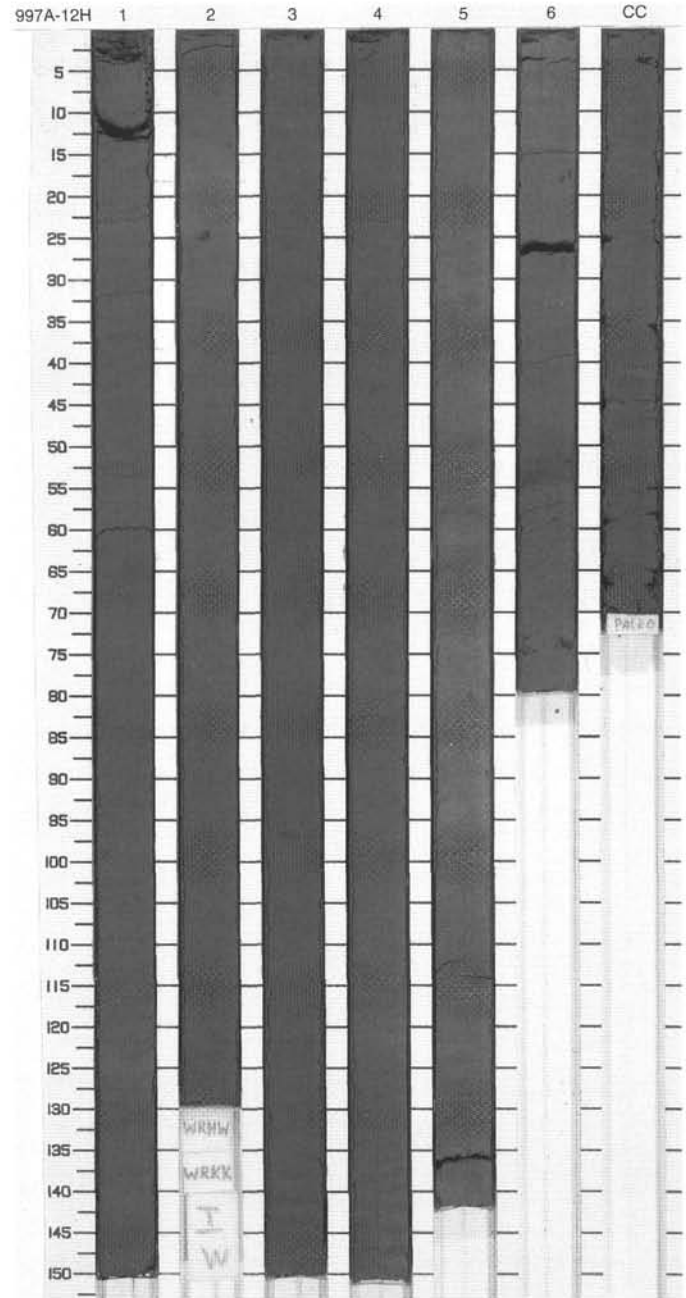
CORED 80.4 - 89.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pliocene	~	~	I	5GY 5/1	<p>DIATOM-BEARING NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-RICH CLAY</p> <p>Major Lithologies: This core consists of greenish gray (5GY 5/1 to 5G 6/1) DIATOM-BEARING NANNOFOSSIL-RICH CLAY in Sections 1 and 2, and NANNOFOSSIL-RICH CLAY in Sections 3 through CC, with slight to intense bioturbation.</p> <p>Minor Lithologies: A thin bed of white (5YR 8/1) carbonate-rich clay occurs in Section 5, 81-82 cm.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	6						
7	[Dotted pattern]	7						
8	[Dotted pattern]	6						
9	[Dotted pattern]	7						
10	[Dotted pattern]	CC						



SITE 997 HOLE A CORE 12H CORED 89.9 - 99.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~		1 WW		<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: This core consists of greenish gray (5GY 5/1 to 5BG 5/1) NANNOFOSSIL-RICH CLAY with slight to intense bioturbation.</p> <p>Minor Lithologies: A bed with higher concentrations of dispersed foraminifers and shell fragments occurs in Section 6, 49-55 cm.</p>
2	[Dotted pattern]	2		~		S		
3	[Dotted pattern]	3		~			5GY 5/1	
4	[Dotted pattern]	4	late Pliocene	~		S		
5	[Dotted pattern]	5		~			5G 5/1 To 5BG 5/1	
6	[Dotted pattern]	6		~			5GY 5/1	
CC	[Dotted pattern]	CC		~		S		



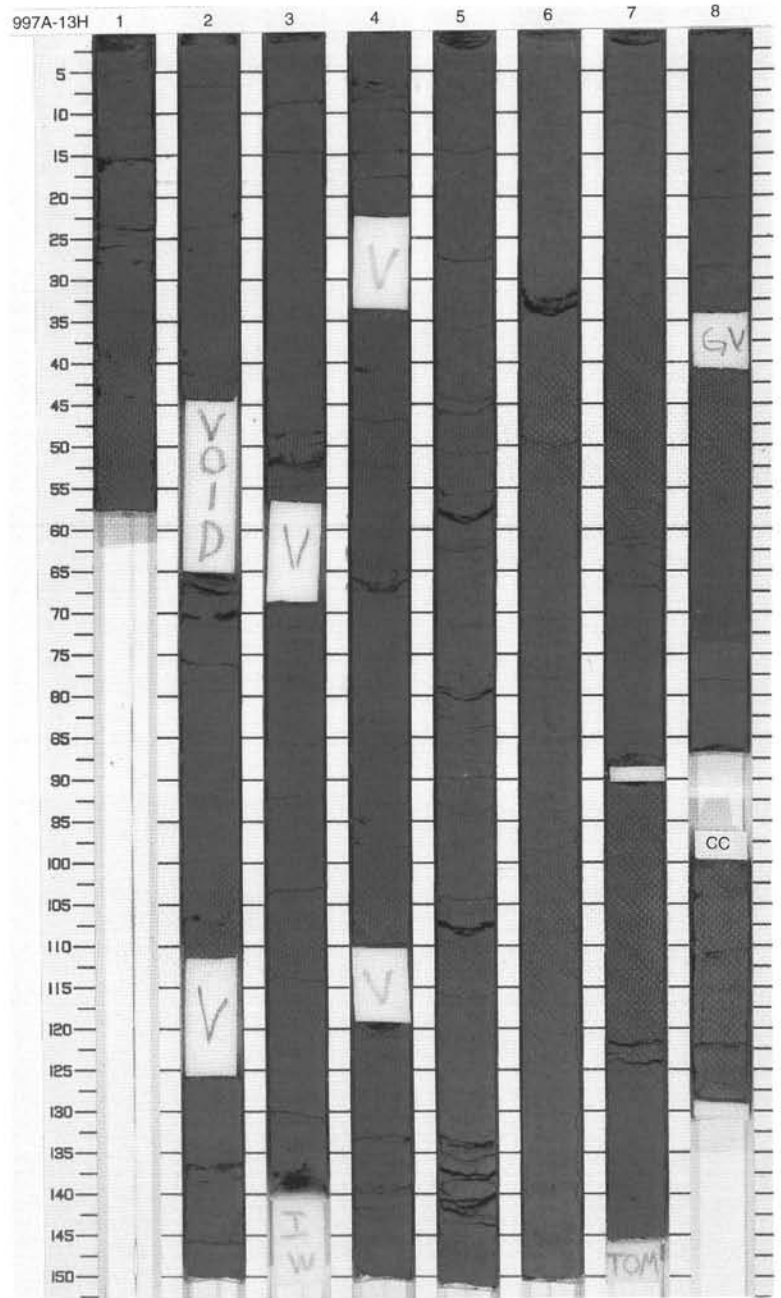
SITE 997 HOLE A CORE 13H

CORED 99.4 - 108.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			W			DIATOM-BEARING NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-BEARING CLAY
1	Void							
2		2						
2	Void							
3		3						
3	Void							
4		4						
4					I			
5		5	late Pliocene				5GY 4/1 To 5GY 5/1	
6								
7		6						
8		7						
9		8						
10								
		CC						

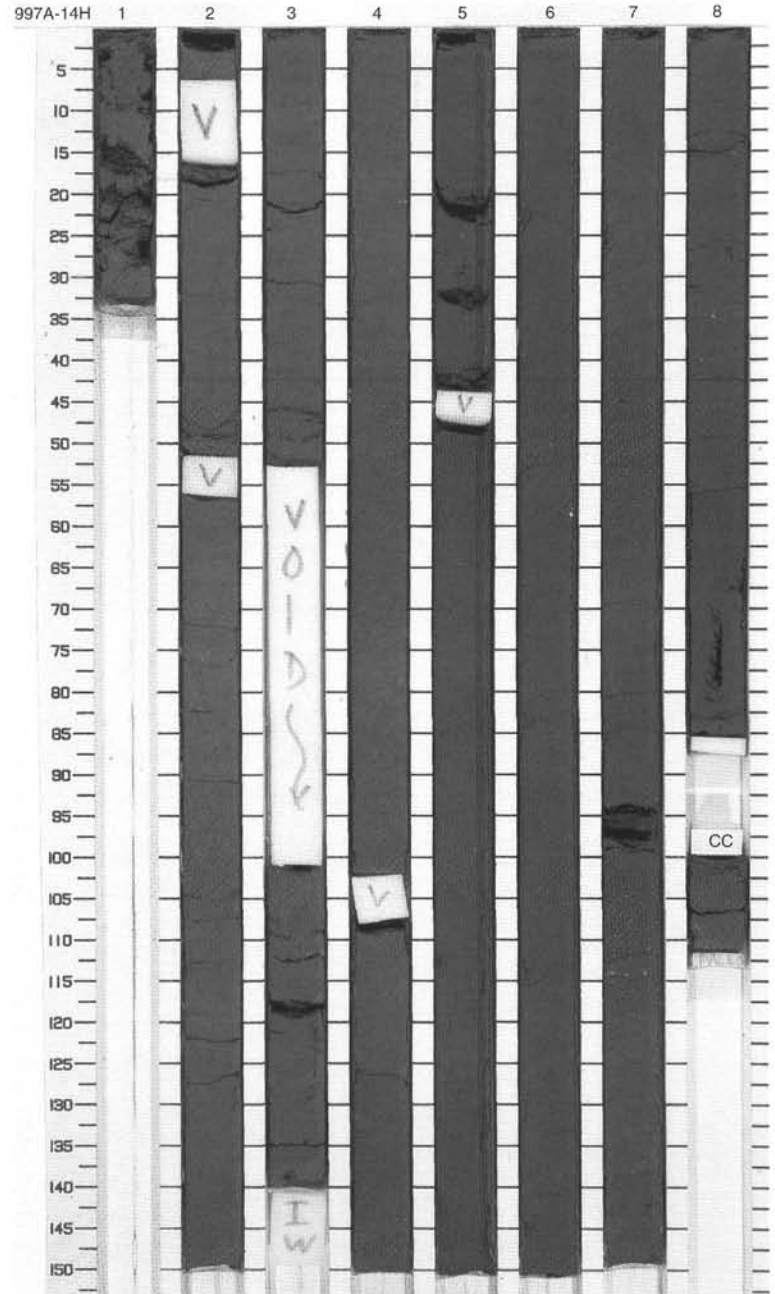
Major Lithologies:
 This core consists of greenish gray (5GY 4/1 to 5/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAY in Sections 1 through 4 and NANNOFOSSIL-BEARING CLAY in Sections 5 through CC, with slight to moderate bioturbation. Sections 5 to 7 are color mottled by black, irregular shaped patches.

Minor Lithology:
 A bed of CARBONATE-RICH SILTY CLAY consisting of silt-sized carbonate rhombs occurs in Section 8, 68-74 cm.



SITE 997 HOLE A CORE 14H CORED 108.9 - 118.4 mbsf

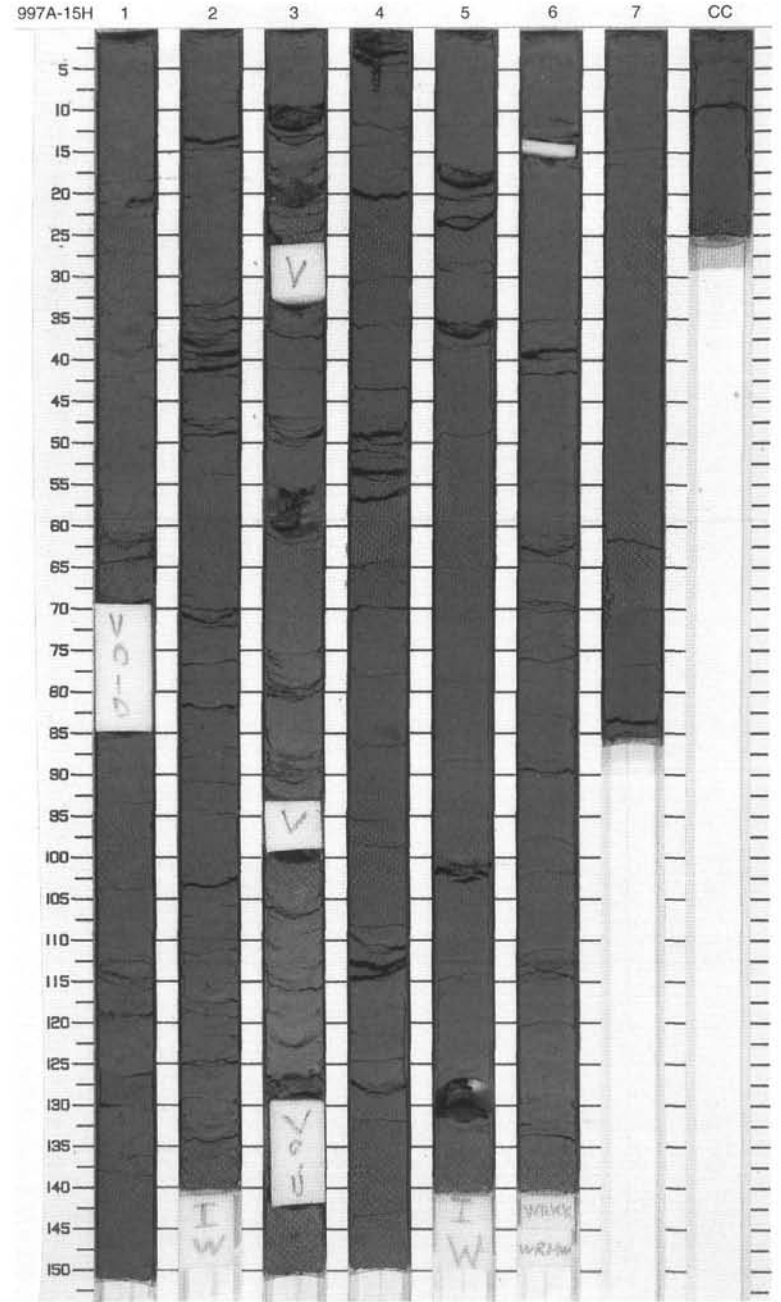
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		}}	W			<p>NANNOFOSSIL-BEARING CLAY and DIATOM-BEARING CLAY</p> <p>Major Lithologies: This core consists of greenish gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY in Sections 1 through 4, and DIATOM-BEARING CLAY in Sections 5 through CC. Moderate bioturbation throughout. In Sections 3 through CC, white sponge spicule aggregates as much as 5 mm in diameter commonly occur.</p>
2	[Dotted pattern]	2		}}	S			
3	[Dotted pattern]	3		}}				
3	[Dotted pattern]	3		}}	I			
4	[Dotted pattern]	4		}}				
5	[Dotted pattern]	5	late Pliocene	}}	S	5GY 5/1		
6	[Dotted pattern]	6		}}				
7	[Dotted pattern]	7		}}				
8	[Dotted pattern]	8		}}				
10	[Dotted pattern]	CC		}}				



SITE 997 HOLE A CORE 15H

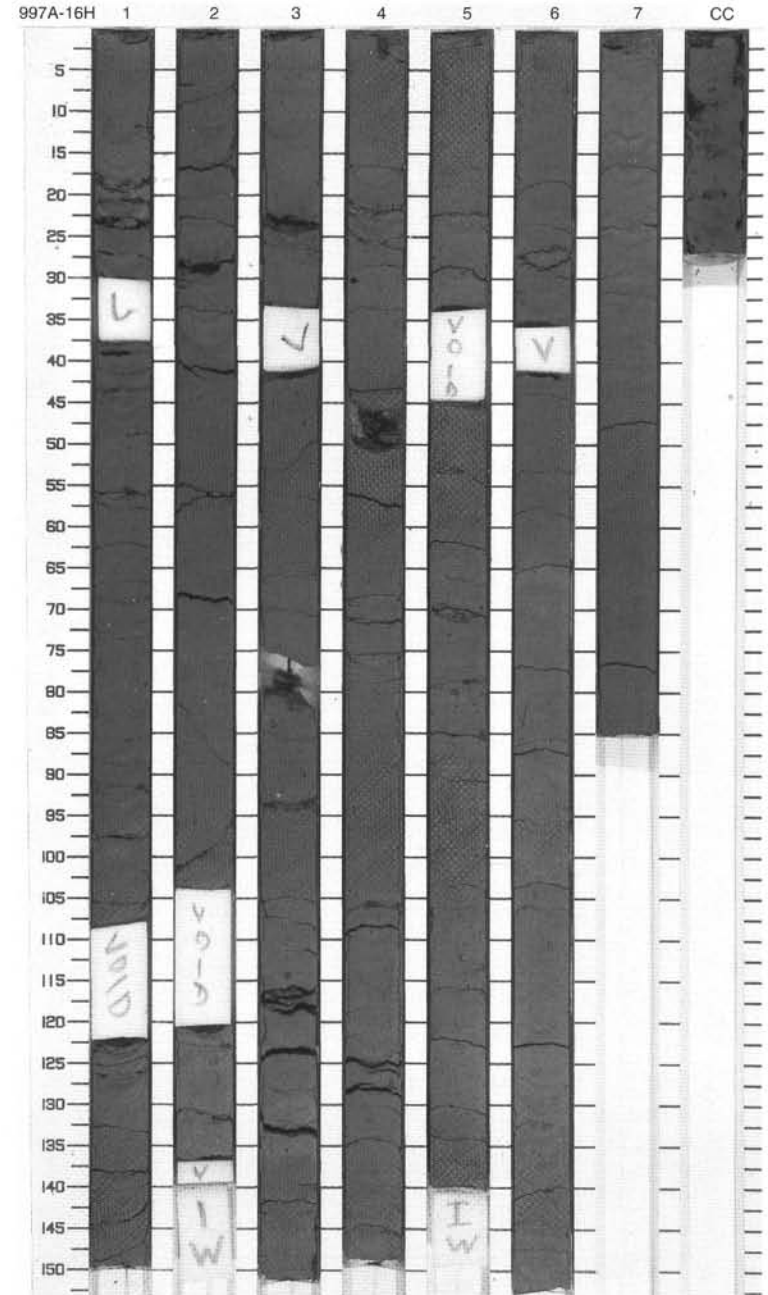
CORED 118.4 - 127.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0		1		}}	W W W W			DIATOM-RICH CLAY and DIATOM-BEARING CLAY Major Lithologies: This core consists of greenish gray (5GY 5/1) DIATOM-RICH CLAY in Sections 1 through 4 and DIATOM- BEARING CLAY in Sections 5 through CC. Moderate bioturbation throughout. White patches of sponge spicules, as much as 8 mm in diameter, occur throughout.
0.5	Void	1		}}				
1		1		}}				
1.5		1		}}				
2		2		}}	S			
2.5		2		}}				
3		2		}}	I			
3.5		2		}}				
4		3		}}				
4.5	Void	3		}}				
5		4	late Pliocene	}}			5GY 5/1	
5.5		4		}}				
6		4		}}				
6.5		4		}}				
7		5		}}	S			
7.5		5		}}				
8		5		}}	I			
8.5		5		}}				
9		6		}}				
9.5		6		}}				
10		6		}}				
10.5		6		}}				
11		6		}}				
11.5		6		}}				
12		6		}}				
12.5		6		}}				
13		7		}}				
13.5		7		}}				
14		7		}}				
14.5		7		}}				
15		7		}}				
15.5		7		}}				
16		CC		}}				



SITE 997 HOLE A CORE 16H CORED 127.9 - 137.4 mbsf

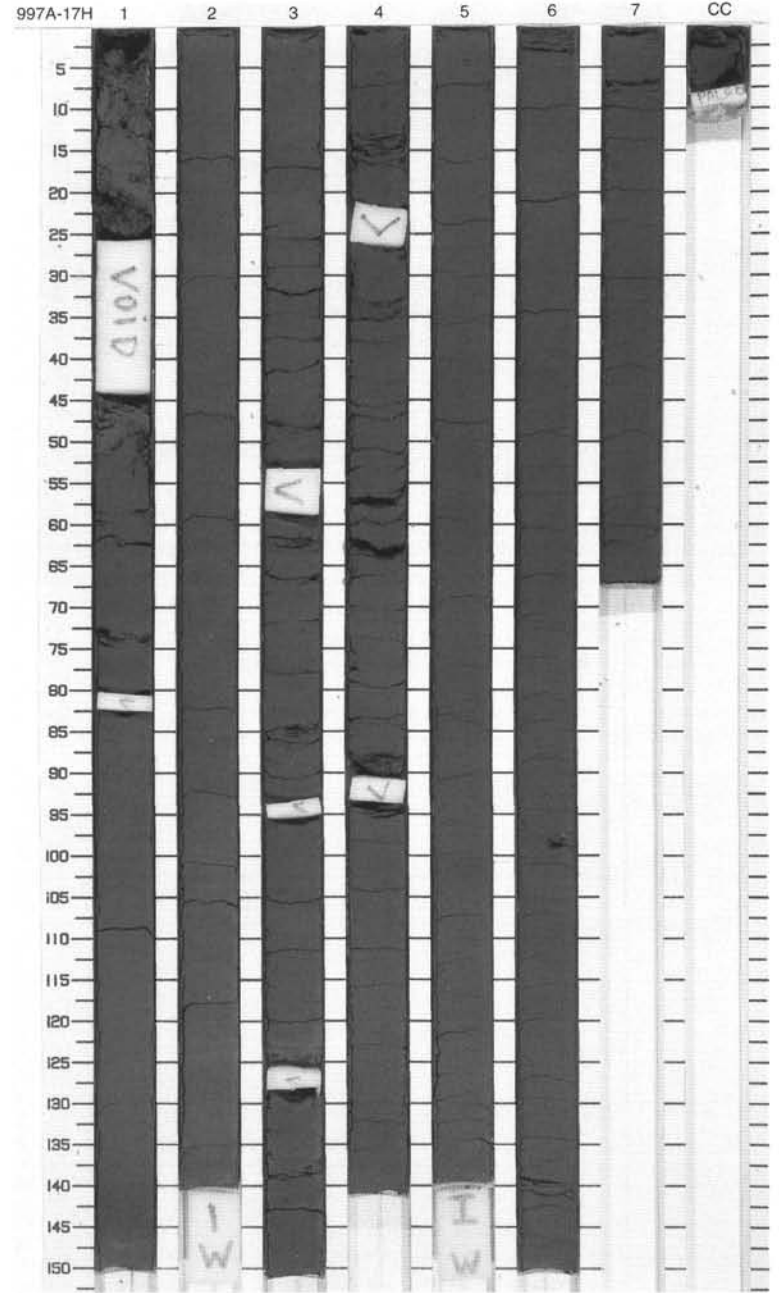
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	Void	1	late Pliocene	S	S	S	5GY 5/1	<p>DIATOM-BEARING CLAY and NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithologies: This core consists of greenish gray (5GY 5/1) DIATOM-BEARING CLAY in Sections 1 through 3, and NANNOFOSSIL-BEARING CLAY in Sections 5 through CC. Moderate bioturbation is throughout. White sponge-spicule patches as much as 5 mm in diameter are rare to common throughout.</p> <p>Minor Lithology: Section 4 consists of greenish gray (5GY 5/1) CLAY.</p>
2	Void	2						
3	Void	3						
4		4						
5		5						
6		6						
7		7						
8		CC						
9								
10								



SITE 997 HOLE A CORE 17H

CORED 137.4 - 146.9 mbsf

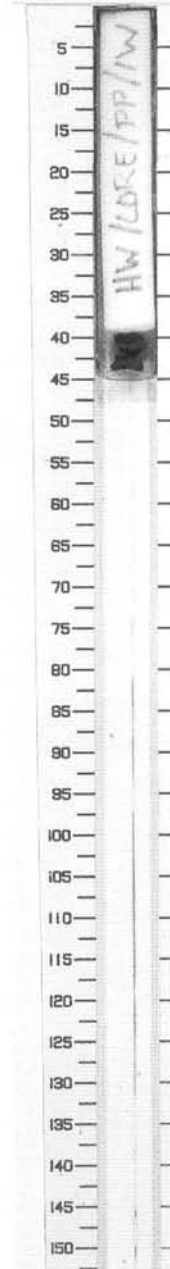
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0	Void				oo			NANNOFOSSIL-BEARING CLAY
1		1						Major Lithology: This core consists of greenish gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation. White patches of sponge spicules are rare to common in Sections 2 through 5. A complete gastropod shell occurs in Section 6, 97 cm.
2		2			S			
3		3			I			
4		4	late Pliocene				5GY 5/1	
5		5			S			
6		6			I			
7		7						



SITE 997 HOLE A CORE 18P CORED 146.9 - 147.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1				W S	5GY 5/1	DIATOM-BEARING CLAY
		early Pli						Major Lithology: This core consists of homogeneous, greenish gray (5GY 5/1) DIATOM- BEARING CLAY.

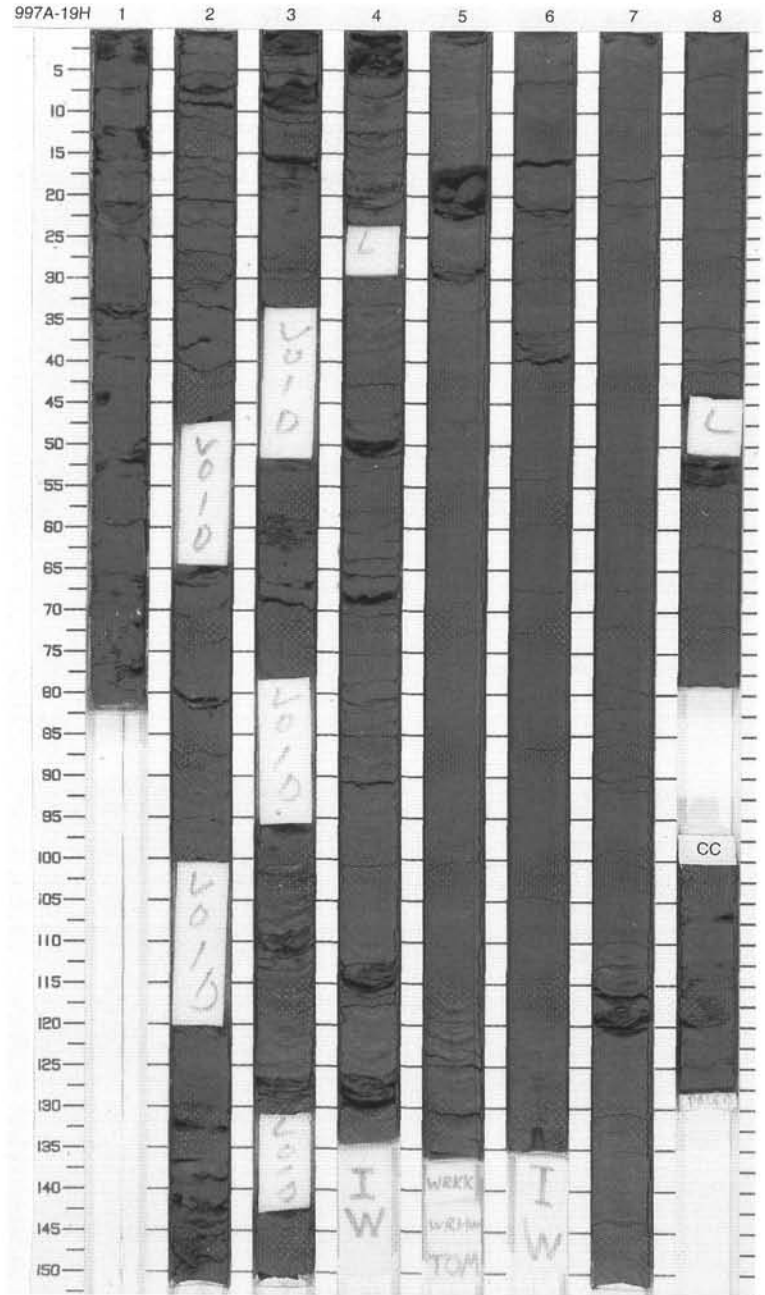
997A-18P 1



SITE 997 HOLE A CORE 19H

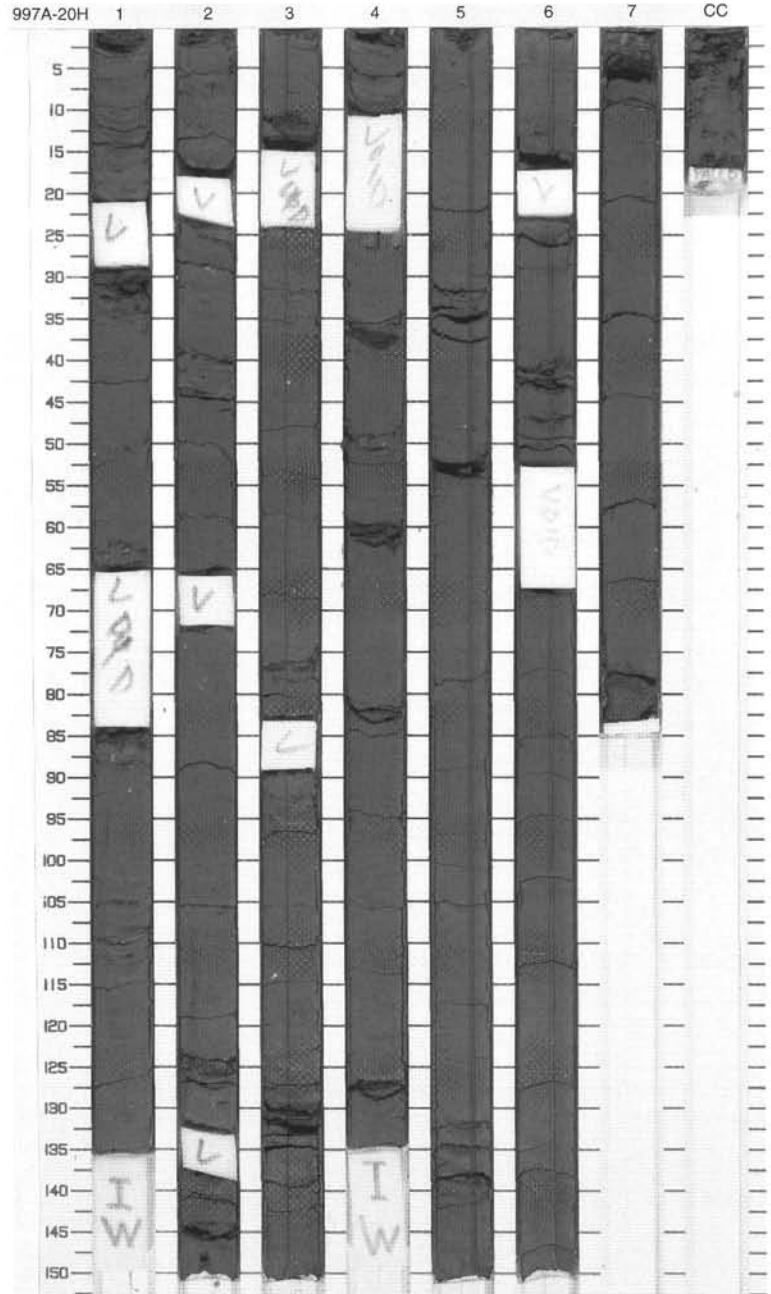
CORED 147.9 - 157.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			WWW			DIATOM-BEARING CLAY Major Lithology: This core consists of homogeneous, greenish gray (5GY 5/1) DIATOM- BEARING CLAY. Rare patches of sponge spicules are present.
1	Void							
2	Void	2			S			
2	Void							
3	Void							
3	Void	3						
4								
4		4						
5			late Pliocene					
5		5			I		5GY 5/1	
6					S			
7					WW W			
8								
9		7						
10					I			
		8						
		CC						



SITE 997 HOLE A CORE 20H CORED 157.4 - 166.9 mbsf

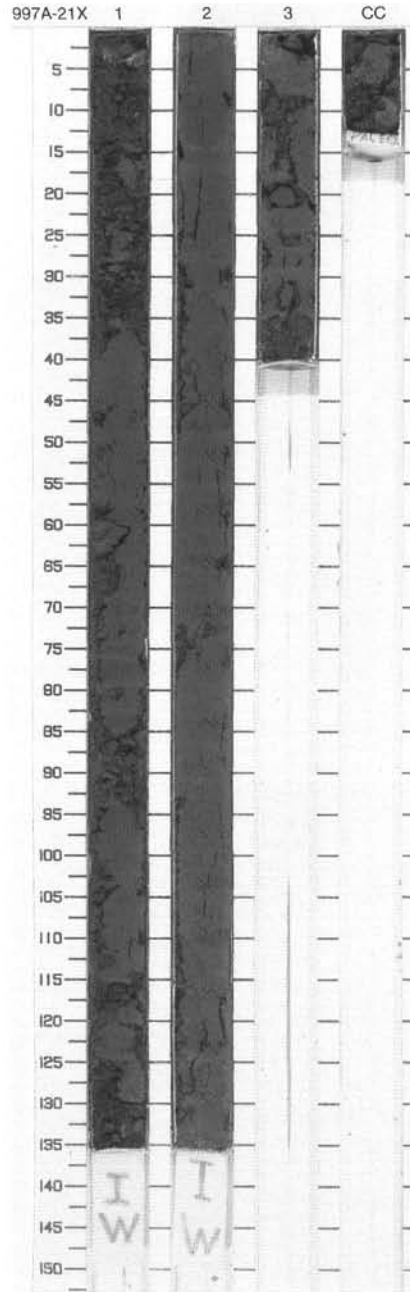
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0					OO			DIATOM-RICH CLAY
1	Void	1						Major Lithology: This core consists of slightly bioturbated, greenish gray (5GY-5/1) DIATOM-RICH CLAY.
2		2			S			
3		3						
4	Void	4	late Pliocene				5GY 5/1	
5		5						
6	Void	6						
7		7						
8								
9								
10		CC						



SITE 997 HOLE A CORE 21X

CORED 166.9 - 173.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Pattern]	1	late Pliocene	[Symbol]	[Symbol]	I	5GY 5/1	DIATOM-RICH CLAY	
2	[Pattern]	2						S	Major Lithology: This core consists of greenish gray (5GY 5/1) DIATOM-RICH CLAY.
3	[Pattern]	3						I	General Description: Section 1, 0-40 cm, contains disturbed Pleistocene sediments with BIOCALCIRUDITE fragments (2 X 2 cm). These fragments appear to be the result of contamination from material cored at Site 996, which became stuck in the XCB core barrel and then dislodged during drilling in Hole 997A. Drilling biscuits occur throughout the rest of the core.
		CC							

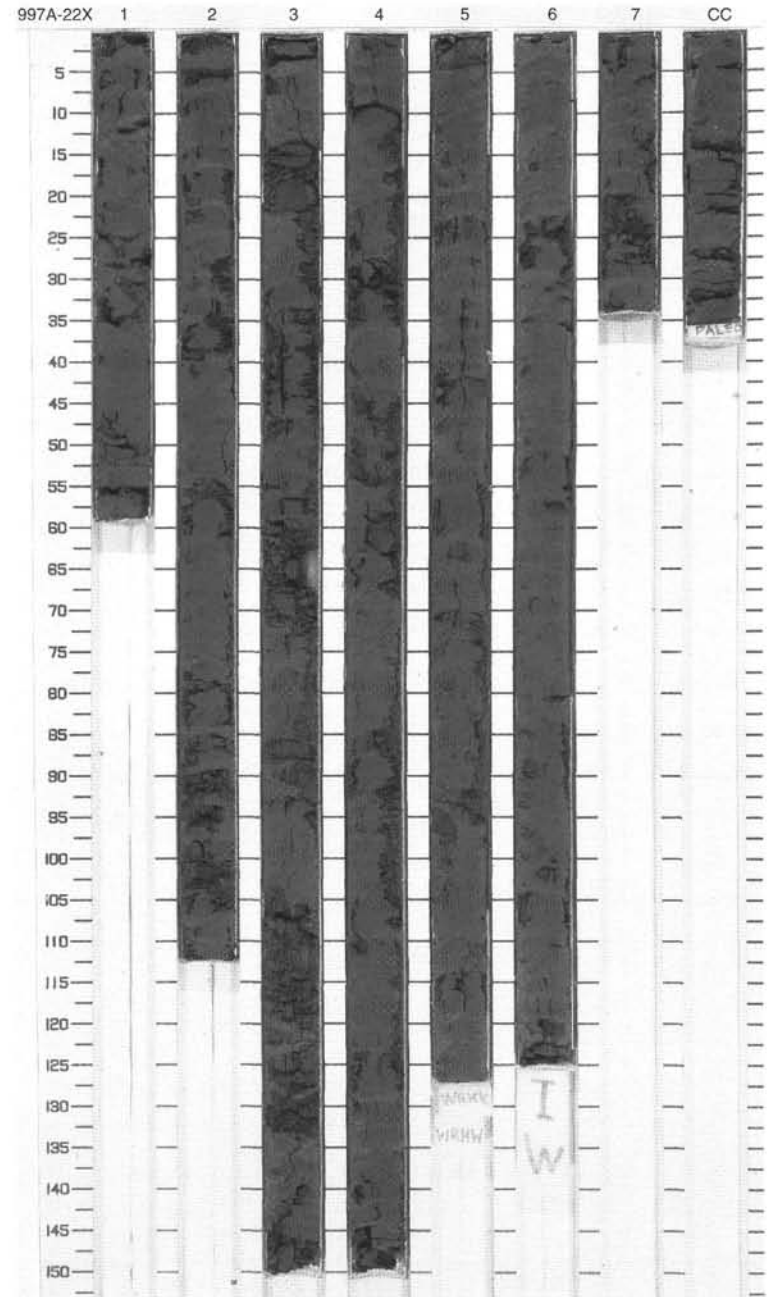


SITE 997 HOLE A CORE 22X CORED 173.5 - 183.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1			X			DIATOM-RICH CLAY
1-2	[Dotted pattern]	2		X	S			Major Lithology: This core consists of homogeneous, greenish gray (5GY 5/1) DIATOM-RICH CLAY. General Description: Drilling biscuits occur throughout. Vertical fractures are common in Sections 2 through CC.
2-3	[Dotted pattern]	3		X				
3-4	[Dotted pattern]	4	late Pliocene	X			5GY 5/1	
4-5	[Dotted pattern]	5		X	S			
5-6	[Dotted pattern]	6		X	W _W			
6-7	[Dotted pattern]	7		X	I			
7-8	[Dotted pattern]	CC		X				

997A-23X NO RECOVERY

997A-24X NO RECOVERY

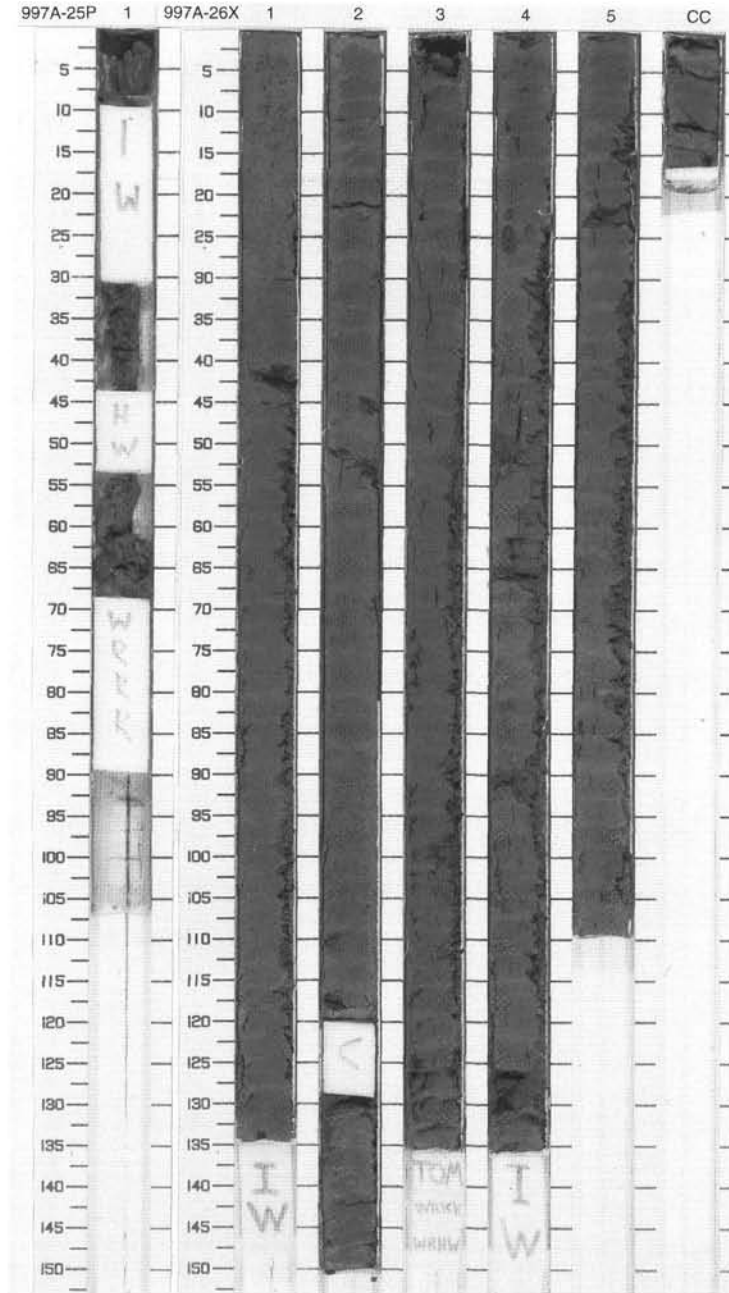


SITE 997 HOLE A CORE 25P CORED 202.4 - 203.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pli		wwww	I W W	5GY 5/1	CLAY Major Lithology: This core consists of greenish gray (5GY 5/1) CLAY. General Description: The core is highly disturbed by coring process and sampling.

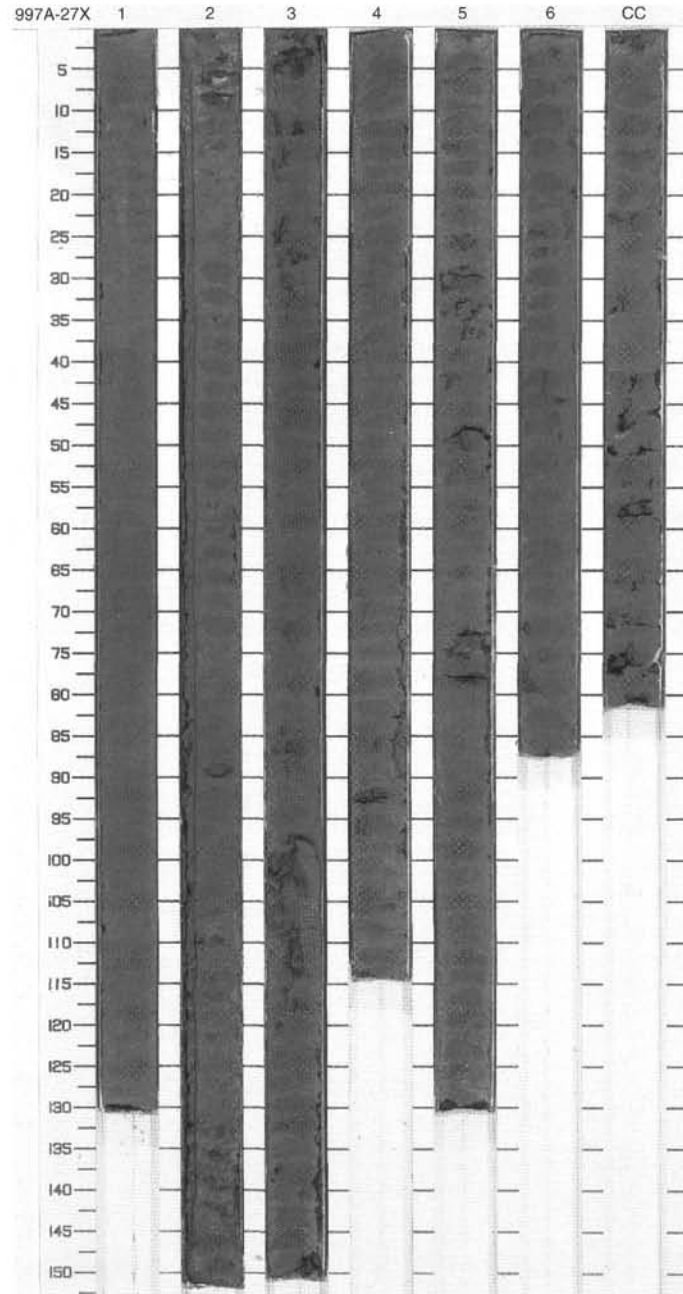
SITE 997 HOLE A CORE 26X CORED 203.4 - 212.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pliocene	~~~~~	XXXXXX	I S	5GY 5/1	NANNOFOSSIL-BEARING CLAY Major Lithology: This core consists of greenish gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY with slight bioturbation. General Description: Drilling biscuits occur throughout.
2		2						
3		3						
4		4						
5		4						
6		5						
7		5						
		CC						



SITE 997 HOLE A CORE 27X CORED 212.0 - 221.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		⌘	⌘			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2			⌘			
3	[Dotted pattern]	3		⌘				
4	[Dotted pattern]	3			S			
5	[Dotted pattern]	4	late Pliocene				5GY 4/1	
6	[Dotted pattern]	5						
7	[Dotted pattern]	6			⌘			
8	[Dotted pattern]	CC						



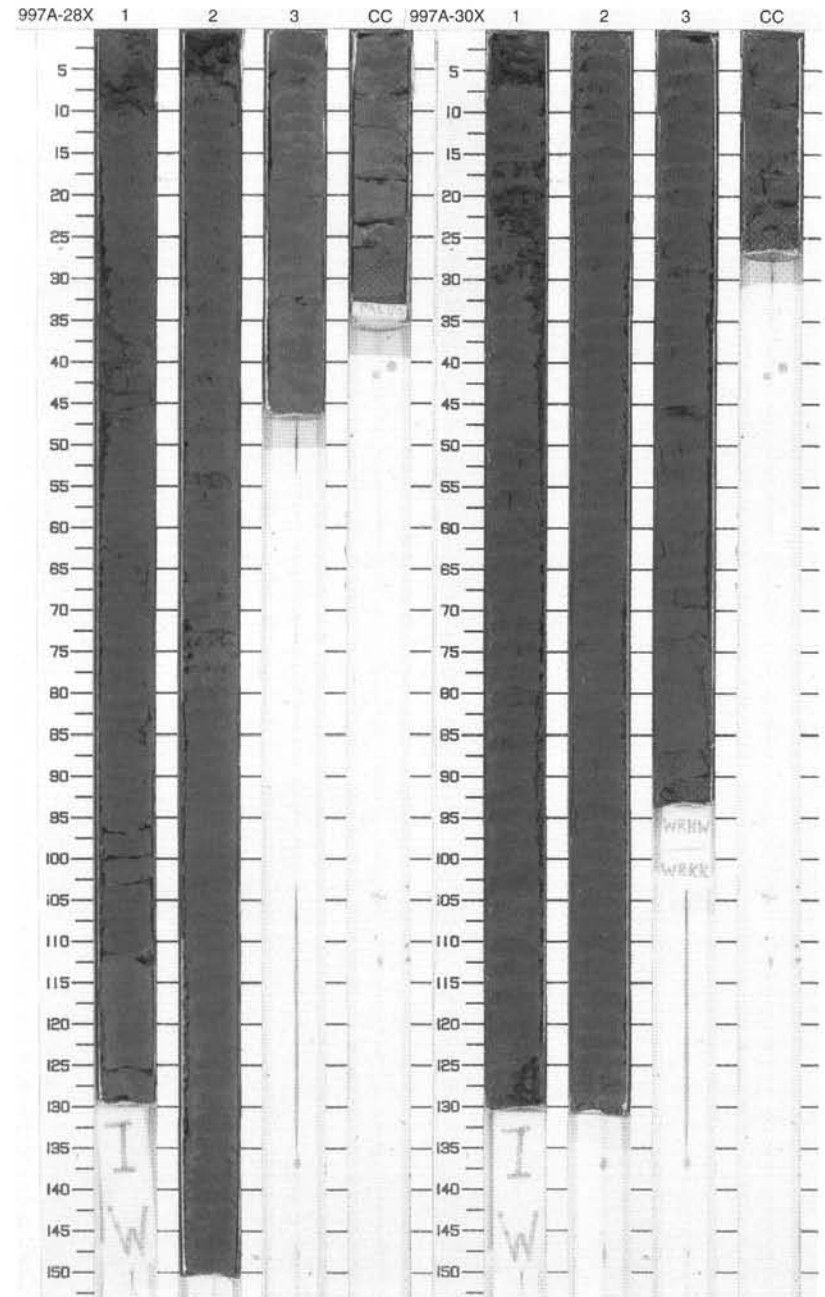
SITE 997 HOLE A CORE 28X CORED 221.6 - 231.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pliocene	X	X	I	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
		CC						

997A-29X NO RECOVERY

SITE 997 HOLE A CORE 30X CORED 232.3 - 240.9 mbsf

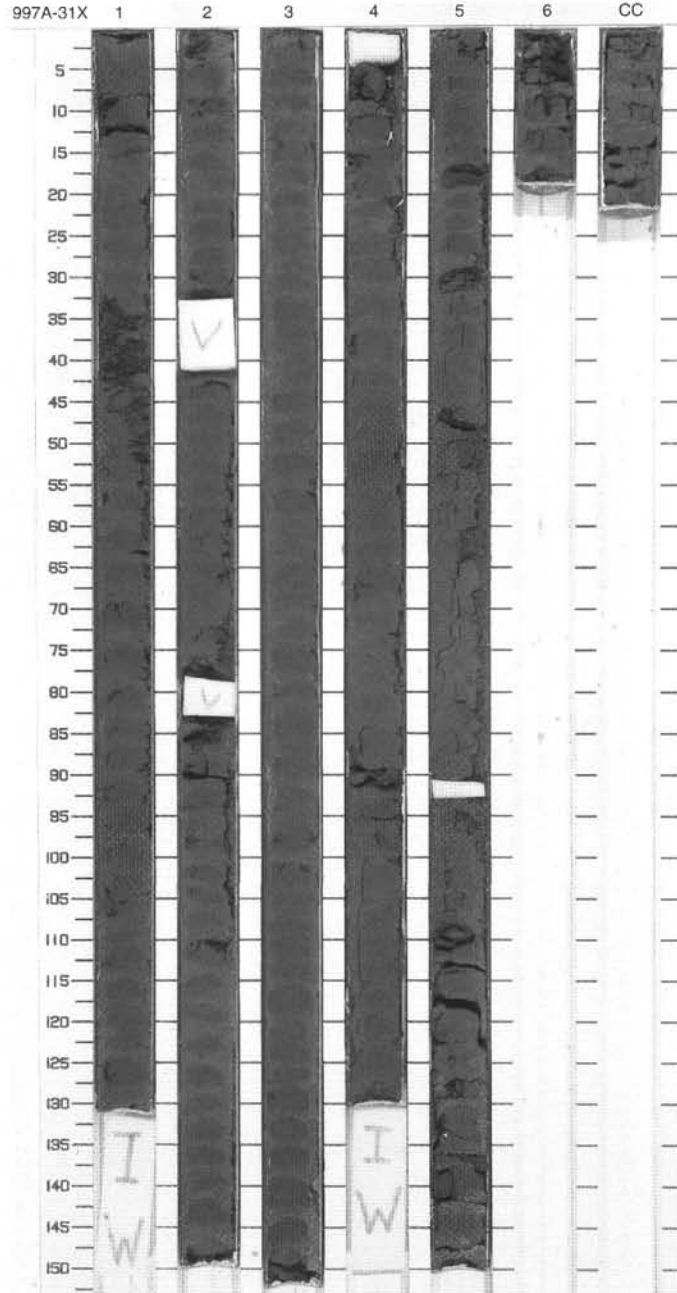
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pliocene		X	I	5GY 4/1	<p>DIATOM-BEARING NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAY.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4		CC				W W		



SITE 997

SITE 997 HOLE A CORE 31X CORED 240.9 - 250.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pleistocene	}	I	I	5GY 4/1	DIATOM-BEARING NANNOFOSSIL-BEARING CLAY Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAY. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3			I	S		
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	6			X X X	S		
7	[Dotted pattern]	7						
CC	[Dotted pattern]	CC						

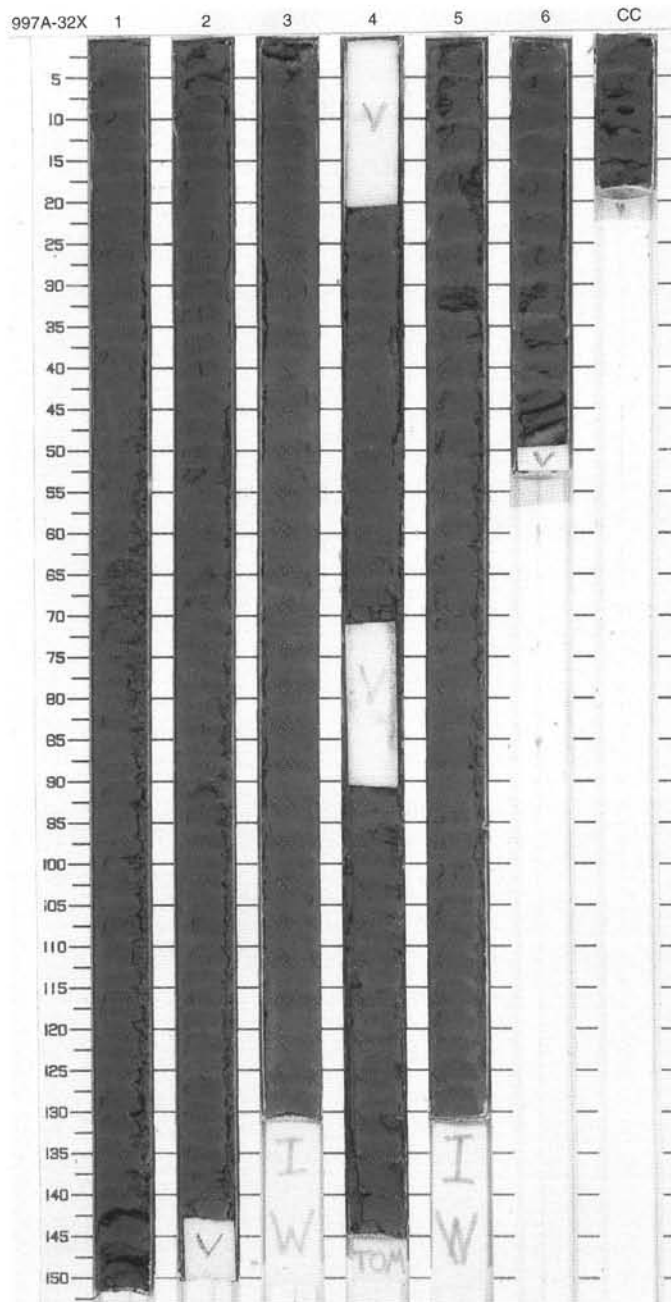


SITE 997 HOLE A CORE 32X

CORED 250.5 - 260.1 mbsf

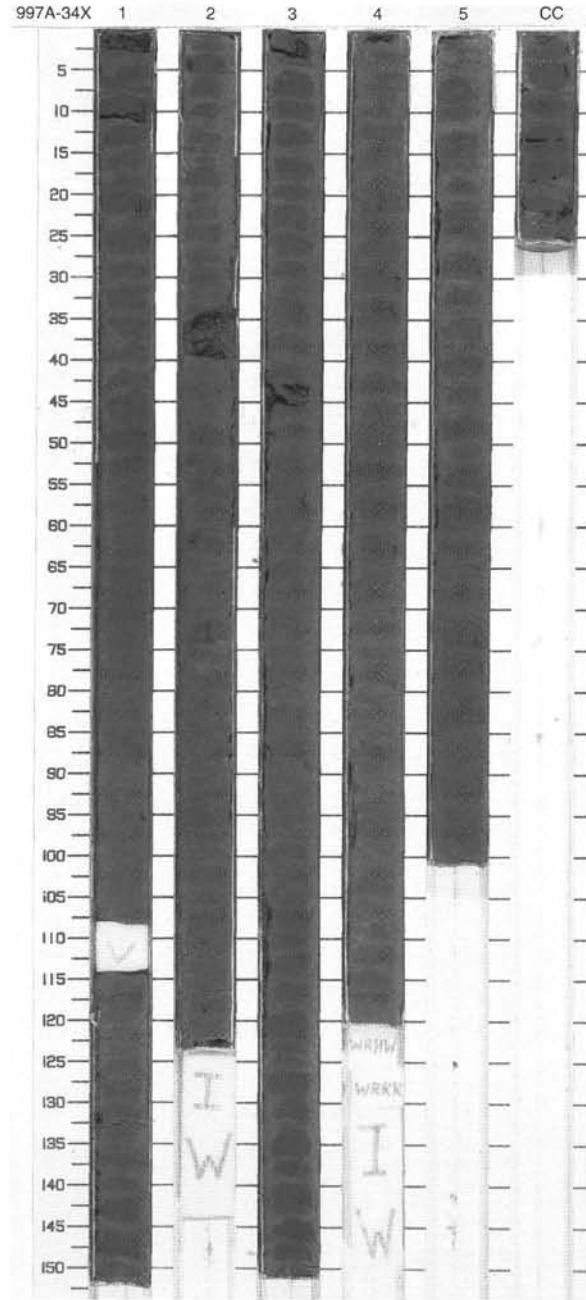
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pliocene	[Diagonal lines]	[X pattern]		5GY 4/1	DIATOM-BEARING NANNOFOSSIL-RICH CLAY Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-RICH CLAY, with slight to moderate bioturbation. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	6						
CC	[Dotted pattern]	CC						

997A-33P NO RECOVERY



SITE 997 HOLE A CORE 34X CORED 261.1 - 269.7 mbsf

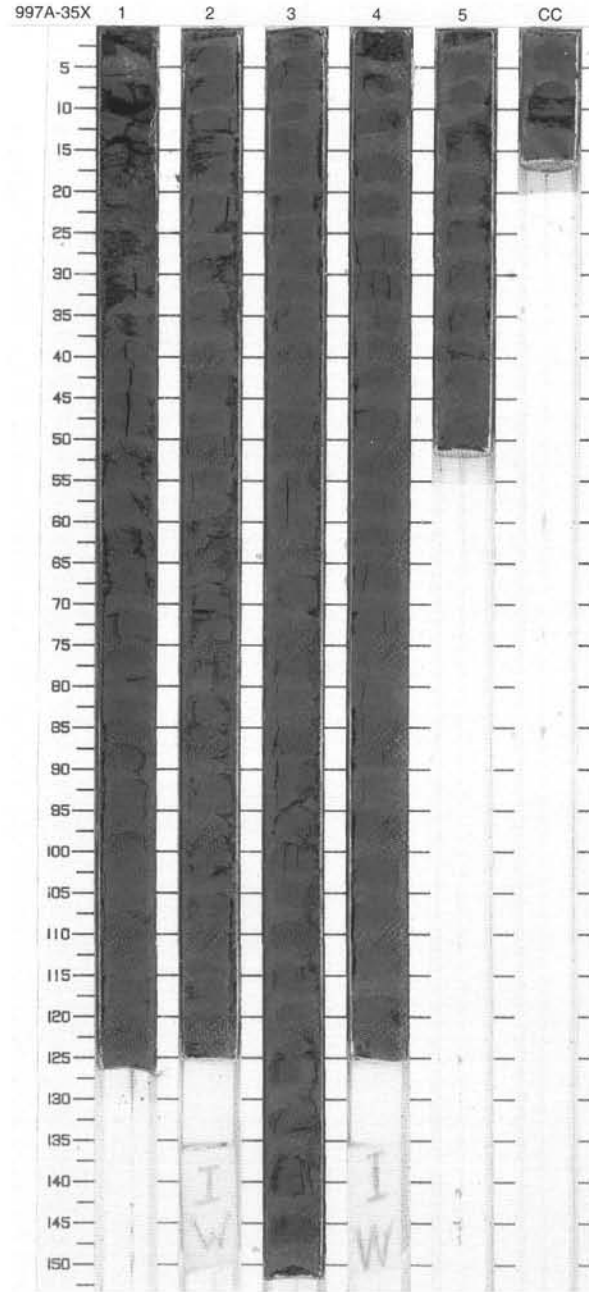
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Dotted pattern]	1	late Pliocene	[Wavy pattern]	[X pattern]		5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.</p> <p>Minor Lithology: A thin bed of FORAMINIFER-RICH CLAYEY SILT occurs in Section 4, 91-93 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>	
2	[Dotted pattern]	2							S
3	[Dotted pattern]	3							I
4	[Dotted pattern]	4							I WW
5	[Dotted pattern]	5							S
6	[Dotted pattern]	6							
7	[Dotted pattern]	7							
CC	[Dotted pattern]	CC							



SITE 997 HOLE A CORE 35X

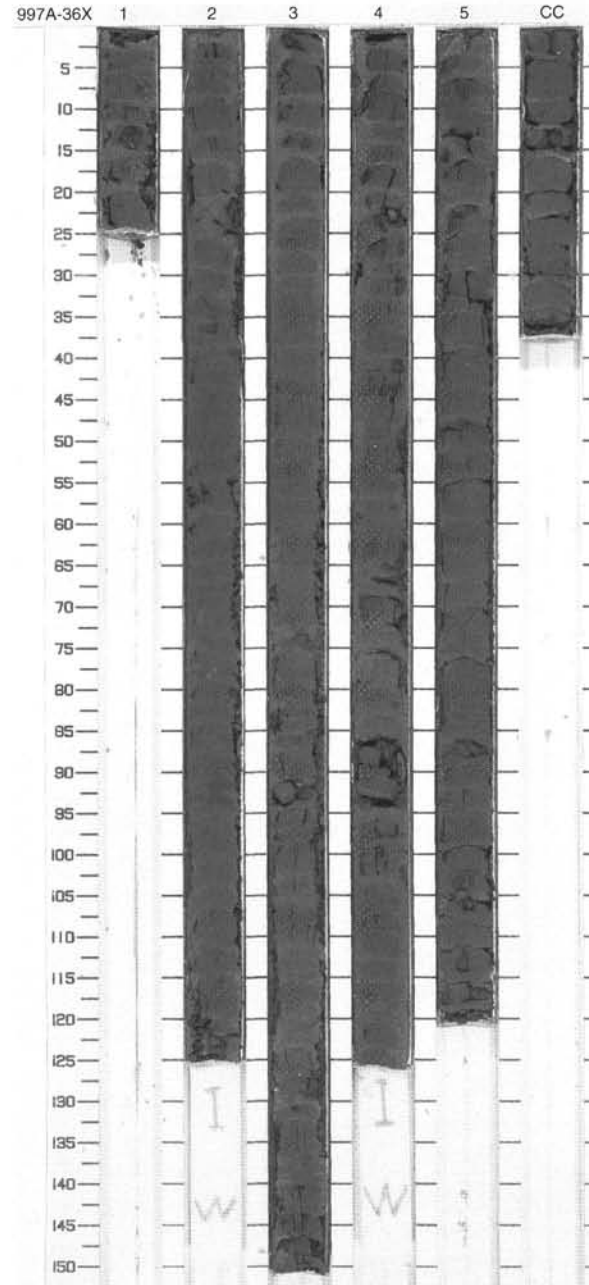
CORED 269.7 - 279.3 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	[Wavy line]	[X pattern]			<p>NANNOFOSSIL-BEARING DIATOM-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-BEARING CLAY with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	[Wavy line]	[X pattern]	S		
3	[Dotted pattern]	3	[Wavy line]	[X pattern]	I	5GY 4/1	
4	[Dotted pattern]	4	[Wavy line]	[X pattern]			
5	[Dotted pattern]	5	[Wavy line]	[X pattern]	I		
6	[Dotted pattern]	5	[Wavy line]	[X pattern]	S		
		CC					



SITE 997 HOLE A CORE 36X CORED 279.3 - 288.9 mbsf

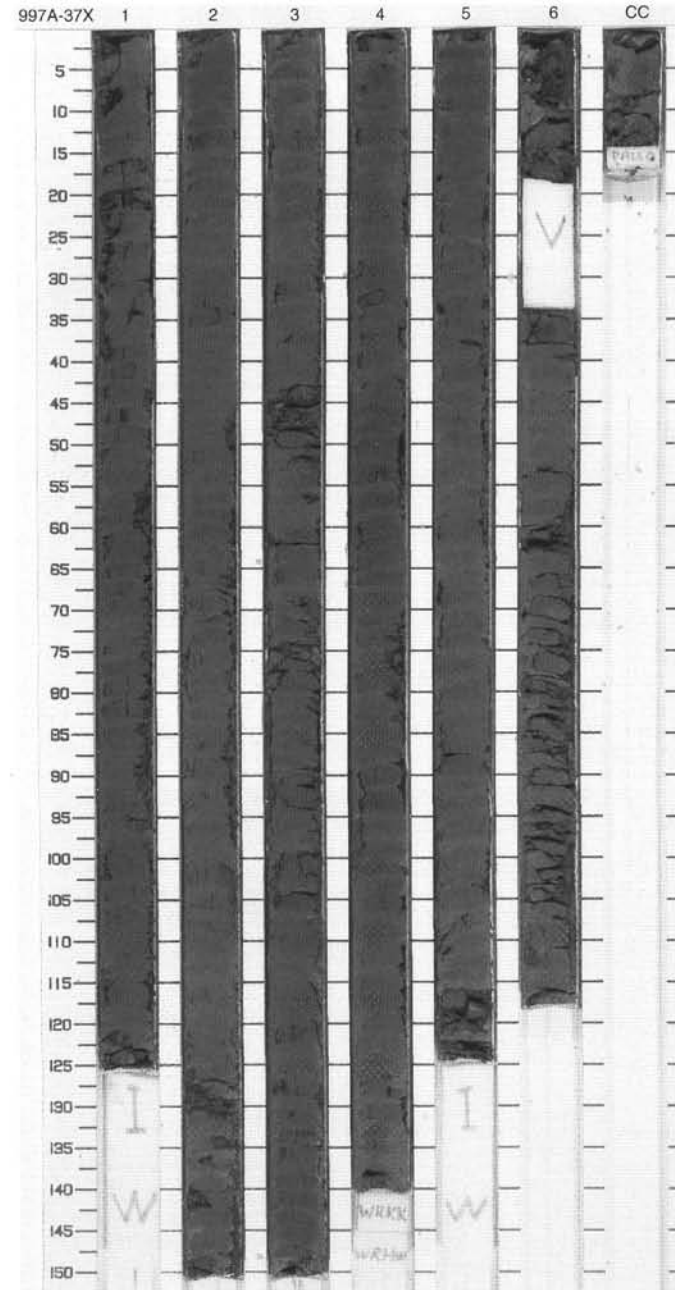
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pliocene	[Wavy lines]	[Wavy lines]		5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY and DIATOM-BEARING NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithologies: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY in Sections 1 through 4, and DIATOM-BEARING NANNOFOSSIL-BEARING CLAY in Sections 5 and CC. Slight to moderate bioturbation occurs throughout.</p> <p>General Description: The core was broken into numerous drilling biscuits. Section 1 self-extruded onto the drilling floor because of gas expansion. Original orientation and stratigraphic order have been lost.</p>
2	[Dotted pattern]	2		[Wavy lines]	[Wavy lines]	S		
3	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]	I		
4	[Dotted pattern]	4		[Wavy lines]	[Wavy lines]	I		
5	[Dotted pattern]	5		[Wavy lines]	[Wavy lines]	S		
6	[Dotted pattern]	CC		[Wavy lines]	[Wavy lines]	S		



SITE 997 HOLE A CORE 37X

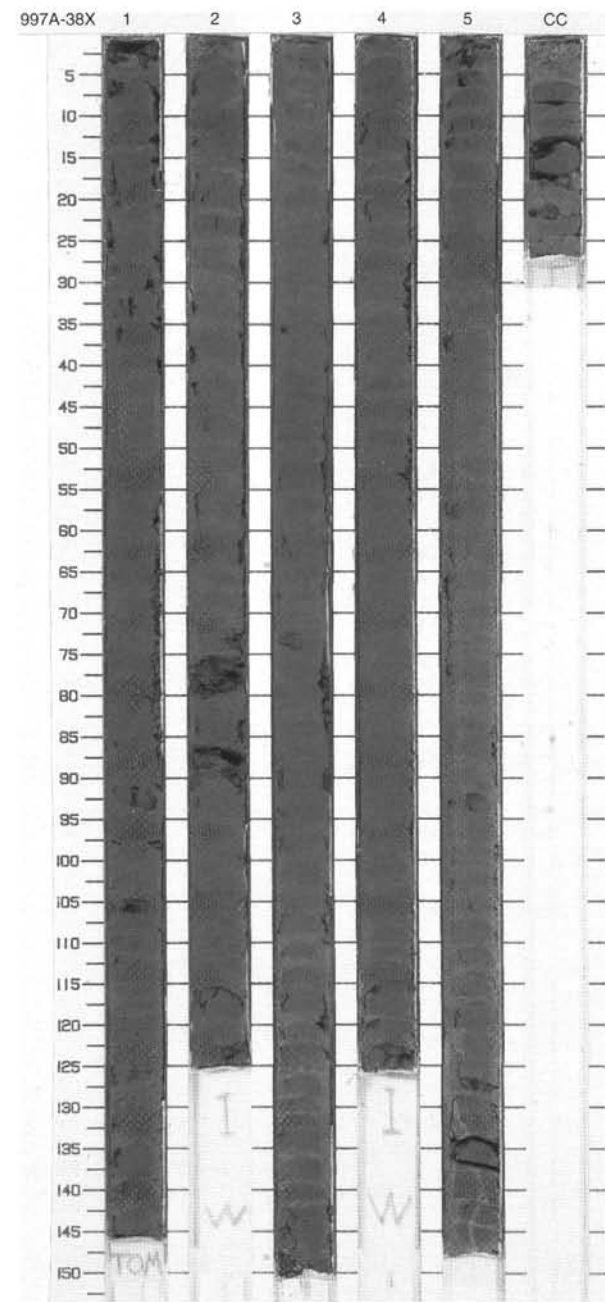
CORED 288.9 - 298.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pliocene	[Symbol]	[Symbol]	I	5GY 4/1	DIATOM-BEARING NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY Major Lithologies: This core consists of dark greenish gray (5GY 4/1 to 5Y 4/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAY in Sections 1 through 4, and NANNOFOSSIL-BEARING DIATOM-RICH CLAY in Sections 5 through CC. Slight to moderate bioturbation occurs in some intervals. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	6						
7	[Dotted pattern]	5	Ww	S	5GY 4/1 To 5Y 4/1			
8	[Dotted pattern]	6	I	I	5GY 4/1			
	[Dotted pattern]	CC						



SITE 997 HOLE A CORE 38X CORED 298.5 - 308.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Dotted pattern]	1	early Pliocene	~	XXXX	W	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of greenish gray to gray (5GY 4/1 to 5Y 4/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>	
2	[Dotted pattern]	2							S
3	[Dotted pattern]	3							I
4	[Dotted pattern]	4							I
5	[Dotted pattern]	5							S
6	[Dotted pattern]	CC							

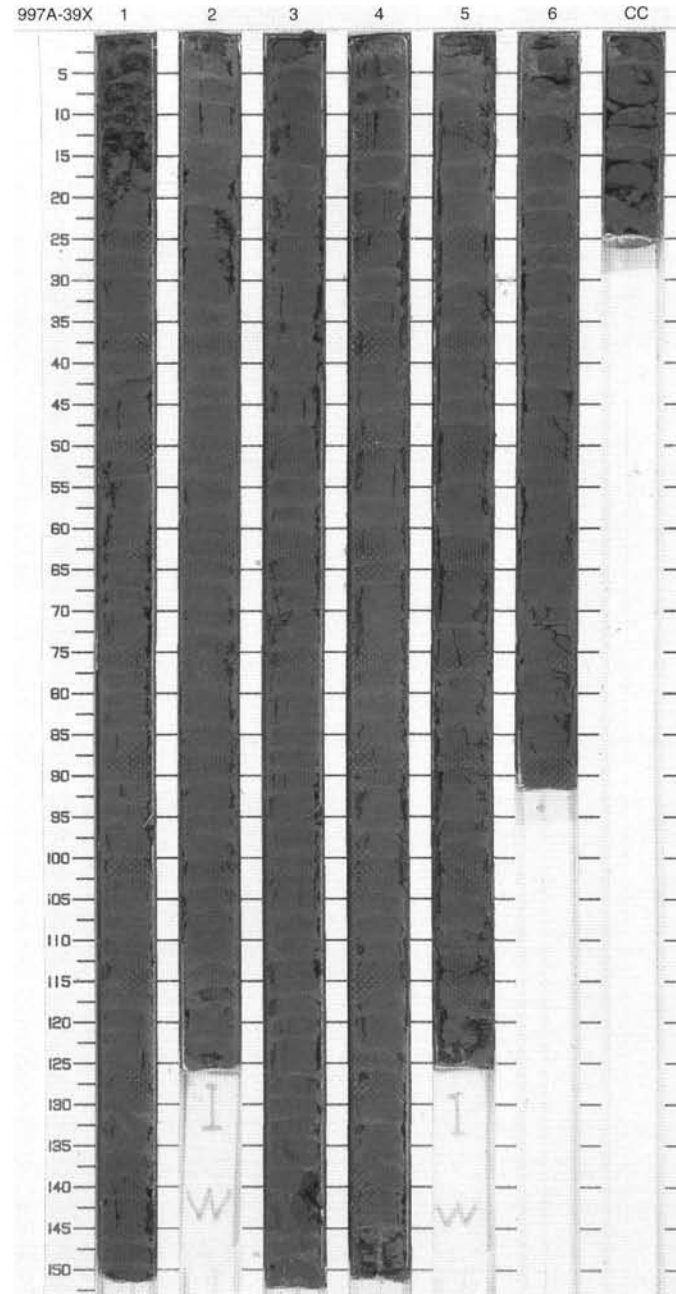


SITE 997 HOLE A CORE 39X

CORED 308.1 - 317.7 mbsf

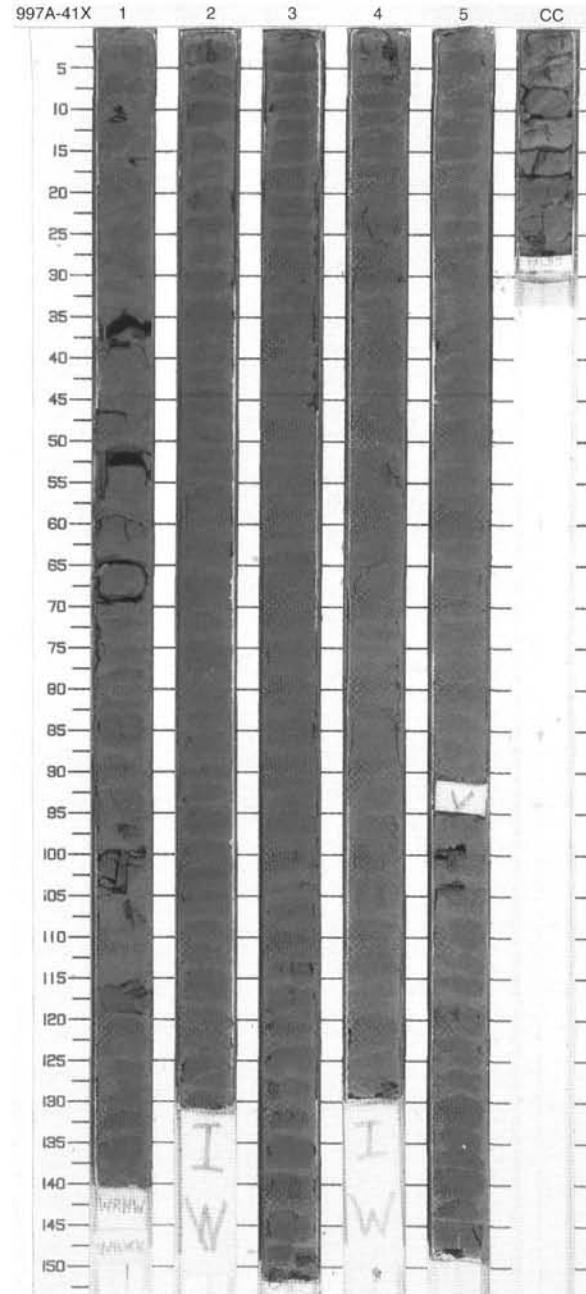
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
0-1	[Dotted pattern]	1	~	X			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of greenish gray to gray (5GY 4/1 to 5Y 4/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
1-2	[Dotted pattern]	2	~	S		5GY 4/1	
2-3	[Dotted pattern]	3	~	S			
3-4	[Dotted pattern]	3	~	S			
4-5	[Dotted pattern]	4	~	~		5GY 4/1 To 5Y 4/1	
5-6	[Dotted pattern]	5	~	~			
6-7	[Dotted pattern]	6	~	~		5Y 4/1	
7-8	[Dotted pattern]	6	~	~			
8	[Dotted pattern]	CC	~	~			

997A-40P NO RECOVERY



SITE 997 HOLE A CORE 41X CORED 318.7 - 327.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		W	W	W	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of greenish gray to gray (5GY 4/1 to 5Y 4/1) NANNOFOSSIL-BEARING CLAY, with moderate to intense bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2		W	W	W	5GY 4/1	
3	[Dotted pattern]	3	early Pliocene	I	I	I	5GY 4/1 To 5Y 4/1	
4	[Dotted pattern]	4		S	S	S	5GY 4/1	
5	[Dotted pattern]	5		I	I	I	5GY 4/1	
CC	[Dotted pattern]	CC						

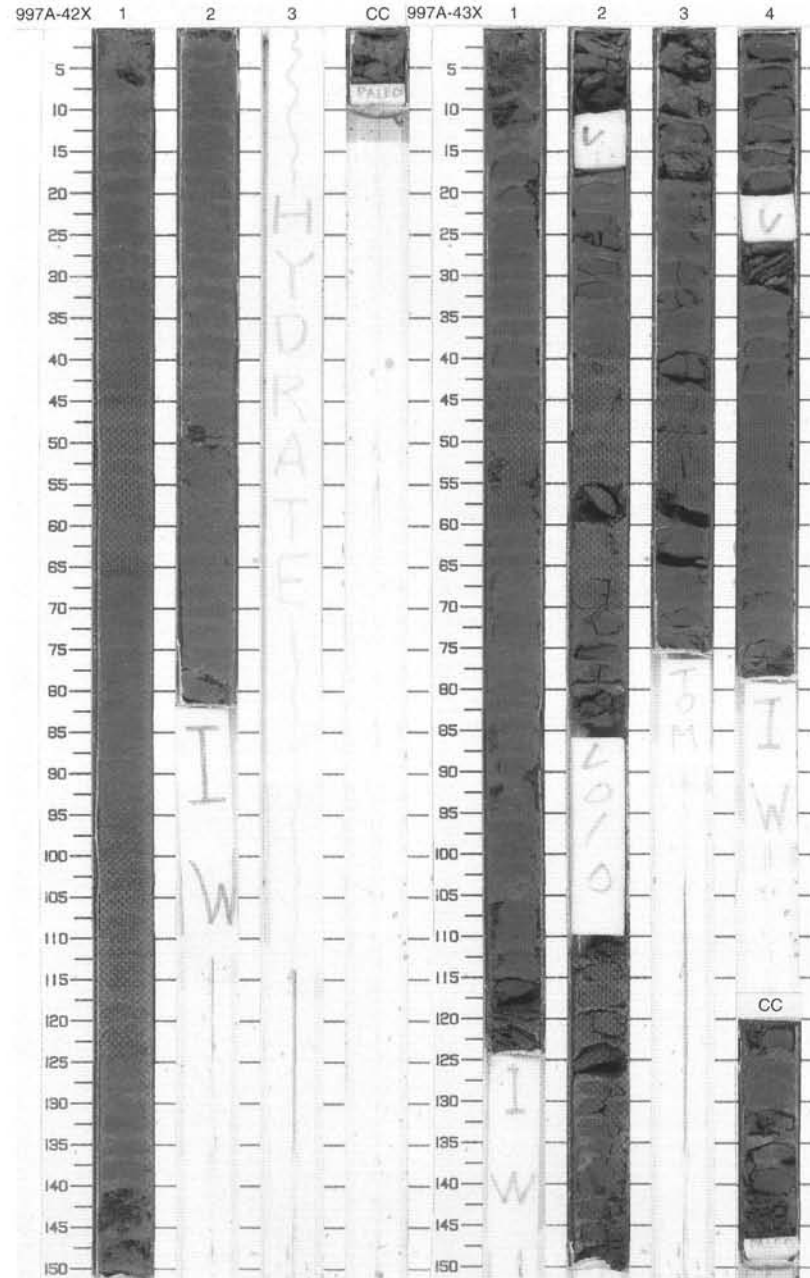


SITE 997 HOLE A CORE 42X CORED 327.4 - 337.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene				5GY 4/1 To 5Y 4/1	<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: This core consists of greenish gray to gray (5GY 4/1 to 5Y 4/1) NANNOFOSSIL-RICH CLAY with slight to moderate bioturbation. Dipping bedding surfaces occur in Section 1, 40-60 and 82 cm.</p> <p>General Description: Drilling biscuits occur throughout. Section 3 contained massive gas hydrates; the entire section was taken as samples for shipboard and shore-based studies.</p>
2		2					5GY 4/1	
3		3						
		CC						

SITE 997 HOLE A CORE 43X CORED 337.0 - 346.7 mbsf

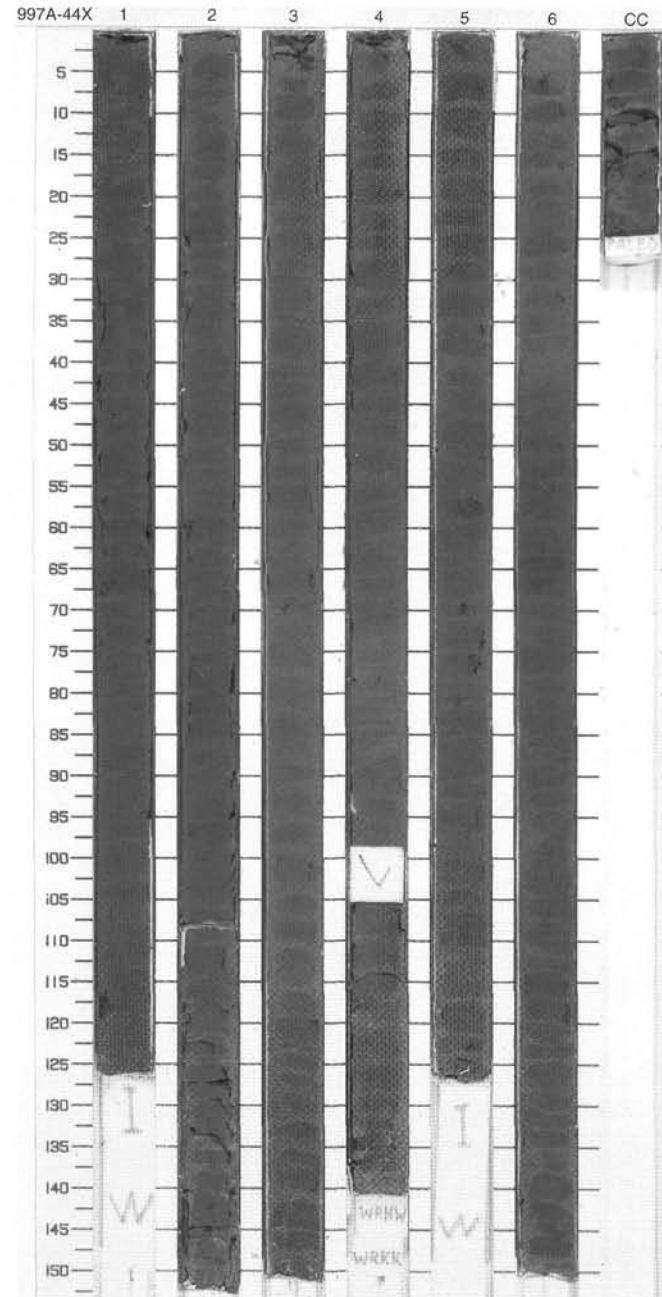
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene				5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2		2						
	Void							
3		3						
4		4						
5		CC						



SITE 997 HOLE A CORE 44X CORED 346.7 - 356.3 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	}}	XX	I	5GY 4/1	<p>DIATOM-BEARING CLAY and NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithologies: This core consists of greenish gray to gray (5GY 4/1 to 5Y 4/1), moderately bioturbated DIATOM-BEARING CLAY in Sections 1 through 3, and intensely bioturbated NANNOFOSSIL-BEARING CLAY in Sections 4 through CC.</p> <p>General Description: Drilling biscuits occur throughout. Section 2, 110-150 cm, was severely disturbed by shipboard examination for the presence of gas hydrates.</p>
2	[Dotted pattern]	2	}}	XX	S		
3	[Dotted pattern]	3	}}	XX			
4	[Dotted pattern]	4	}}	XX		5GY 4/1 To 5Y 4/1	
5	[Dotted pattern]	5	}}	XX			
6	[Dotted pattern]	6	}}	XX	W _W	5GY 4/1 To 5Y 4/1	
7	[Dotted pattern]	7	}}	XX	S		
8	[Dotted pattern]	8	}}	XX	I		
9	[Dotted pattern]	9	}}	XX			
		CC	}}	XX			

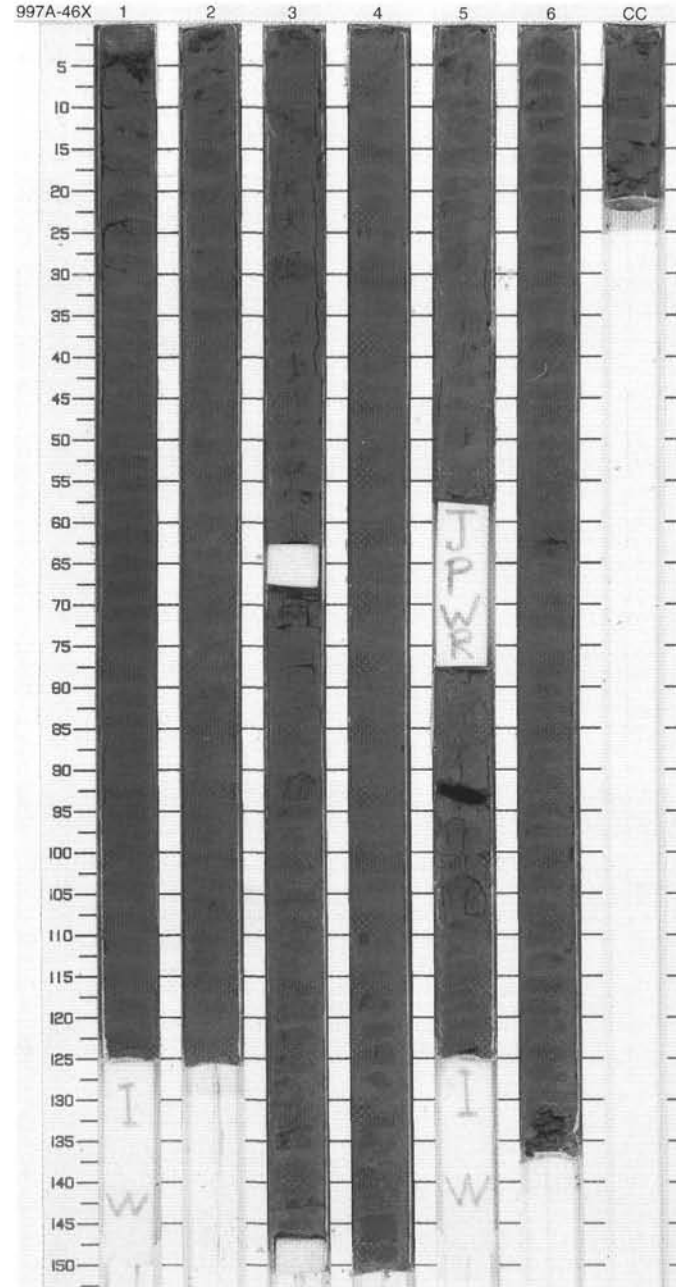
997A-45X NO RECOVERY



SITE 997 HOLE A CORE 46X

CORED 365.9 - 375.6 mbsf

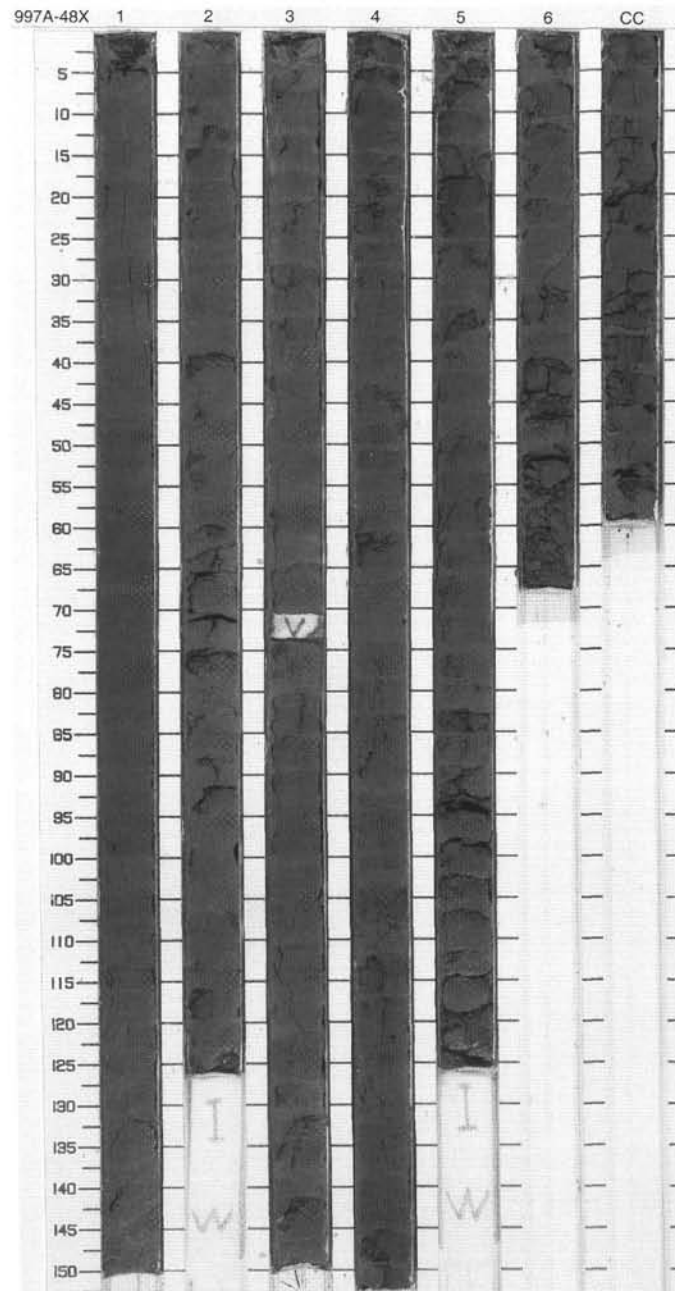
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	[Wavy lines]	[X marks]			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight to intense bioturbation. An intensely burrowed interval occurs in Section 3, 0-62 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	[Wavy lines]	[X marks]			
3	[Dotted pattern]	3	[Wavy lines]	[X marks]			
4	[Dotted pattern]	3	[Wavy lines]	[X marks]			
5	[Dotted pattern]	4	[Wavy lines]	[X marks]		5GY 4/1	
6	[Dotted pattern]	4	[Wavy lines]	[X marks]			
7	[Dotted pattern]	5	[Wavy lines]	[X marks]			
8	[Dotted pattern]	5	[Wavy lines]	[X marks]			
9	[Dotted pattern]	6	[Wavy lines]	[X marks]			
		CC					



SITE 997 HOLE A CORE 48X

CORED 385.3 - 394.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~	www			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY. Slight to intense bioturbation occurs throughout.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2		~	S			
3	[Dotted pattern]	3		~	I			
4	[Dotted pattern]	3	early Pliocene	~			5GY 4/1	
5	[Dotted pattern]	4		~				
6	[Dotted pattern]	5		~	S			
7	[Dotted pattern]	5		~				
8	[Dotted pattern]	6		~				
		CC		~				



SITE 997 HOLE A CORE 49P CORED 394.9 - 395.9 mbsf

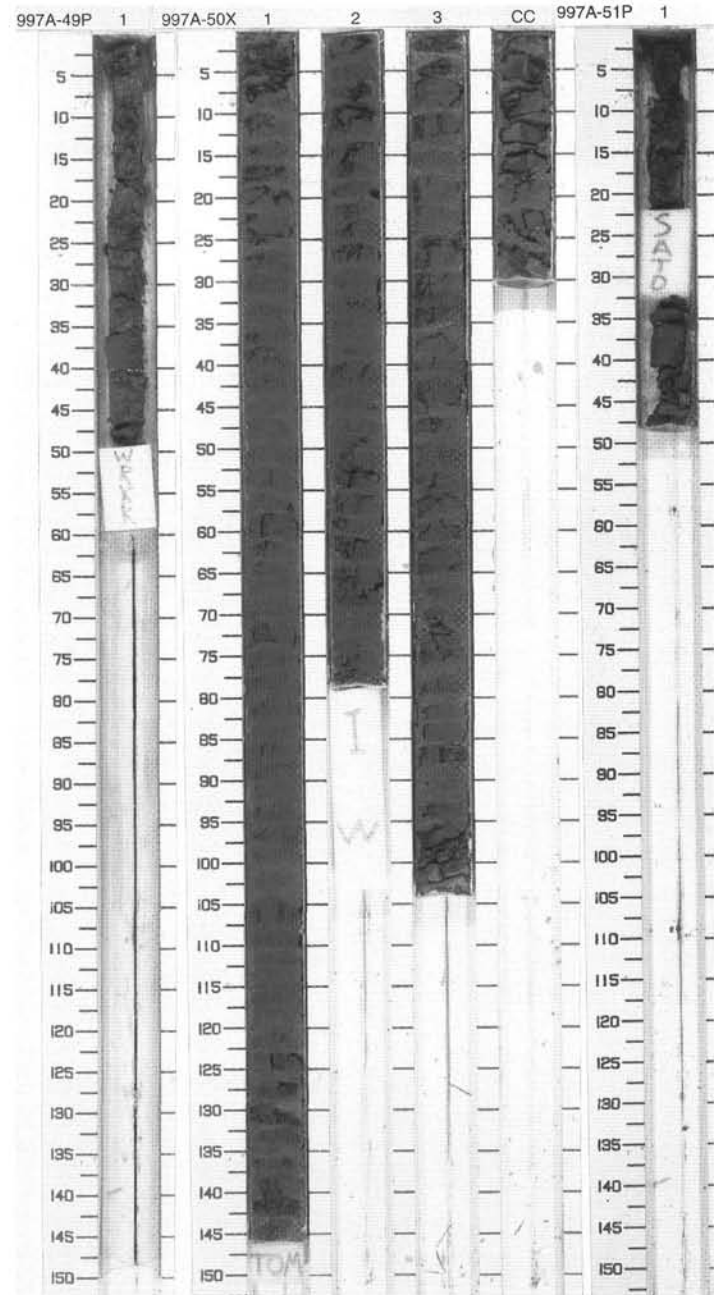
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1			W	S	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY.</p> <p>General Description: This core was highly disturbed by the drilling process.</p>
			early Pliocene					

SITE 997 HOLE A CORE 50X CORED 395.9 - 404.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			X			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2		2	early Pliocene		X	S	5GY 4/1	
3		3			X			
			CC					

SITE 997 HOLE A CORE 51P CORED 404.5 - 405.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1			W	W	5GY 4/1	<p>DIATOM-BEARING NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-RICH CLAY.</p>
			early Pliocene					

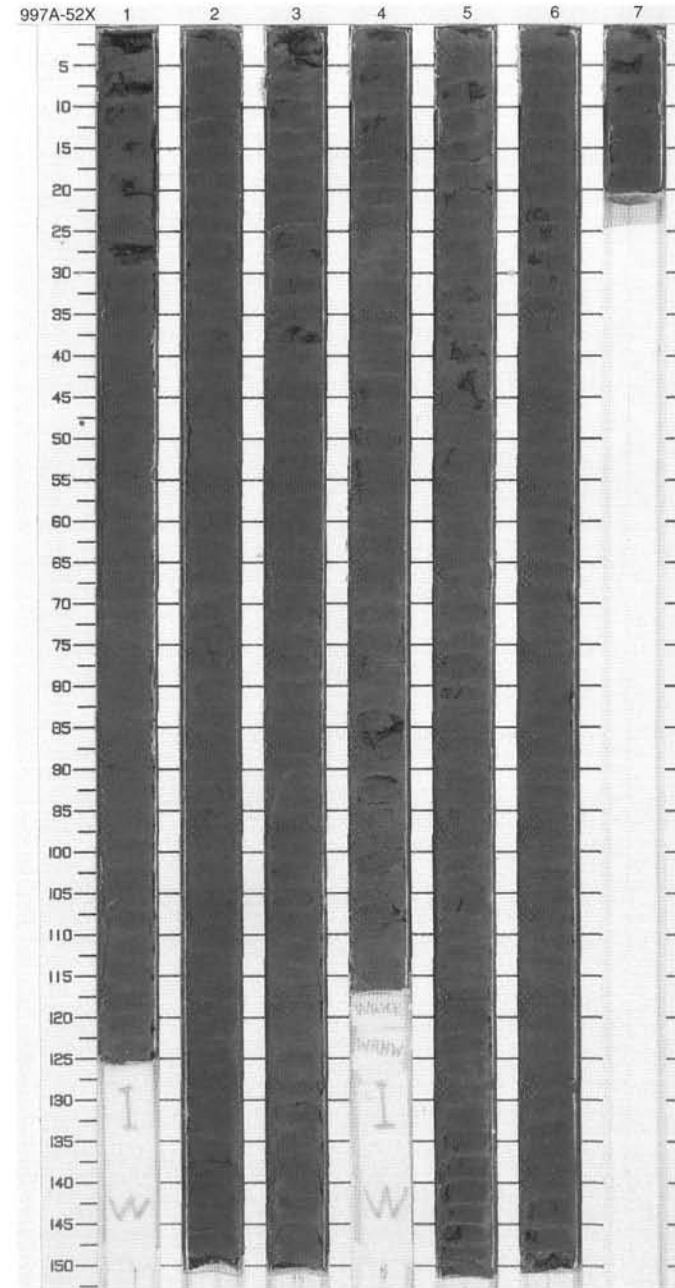


SITE 997 HOLE A CORE 52X

CORED 405.5 - 414.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		}}	XX			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2		}}	XX			
3	[Dotted pattern]	3		}}	XX			
4	[Dotted pattern]	3		}}	XX			
5	[Dotted pattern]	4	early Pliocene	}}	XX		5GY 4/1	
6	[Dotted pattern]	4		}}	XX			
7	[Dotted pattern]	5		}}	XX			
8	[Dotted pattern]	6		}}	XX			
9	[Dotted pattern]	7		}}	XX			

997A-53X Entire 0.03 m of core to paleontologists.

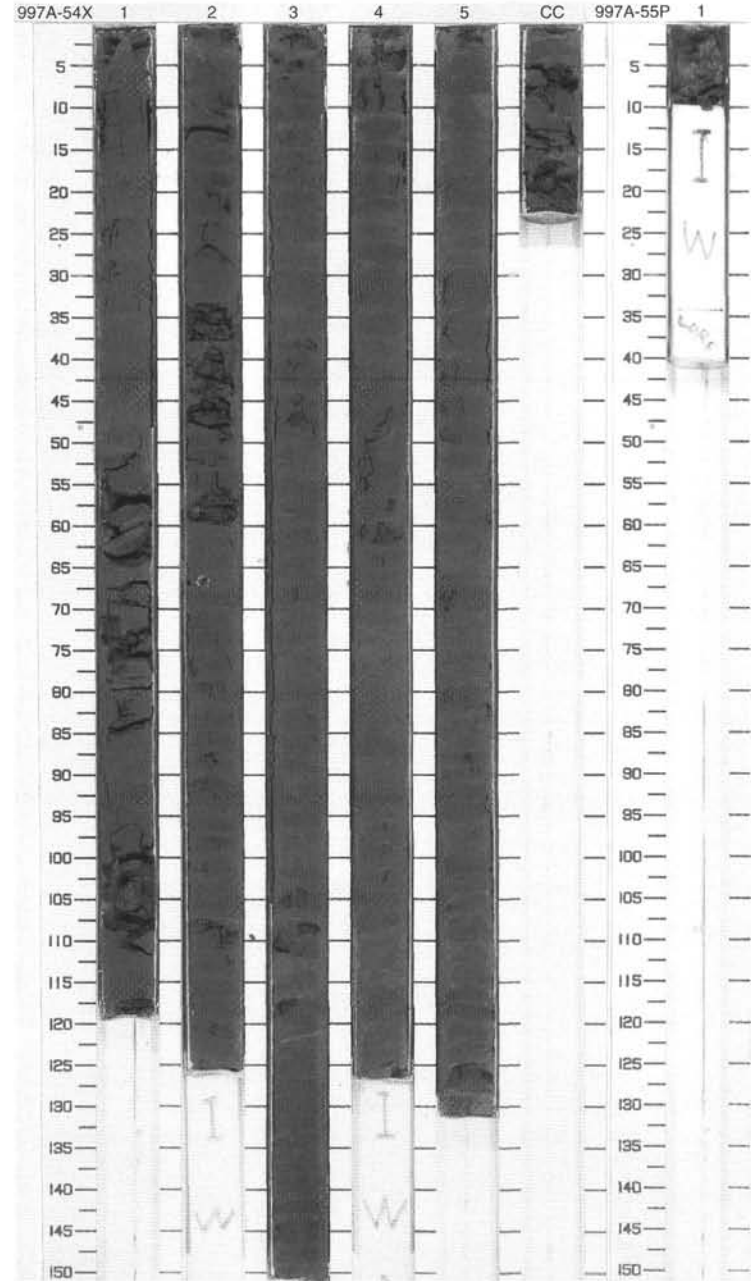


SITE 997 HOLE A CORE 54X CORED 423.7 - 433.3 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	[Wavy lines]	[X's]	S	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY with moderate bioturbation. Carbonate-enriched thin lamina occur in Section 3, 122 cm, Section 4, 73 and 103 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	[Wavy lines]	[X's]	S		
3	[Dotted pattern]	3	[Wavy lines]	[X's]	I		
4	[Dotted pattern]	4	[Wavy lines]	[X's]	S		
5	[Dotted pattern]	4	[Wavy lines]	[X's]	S		
6	[Dotted pattern]	5	[Wavy lines]	[X's]	I		
7	[Dotted pattern]	5	[Wavy lines]	[X's]	S		
CC							

SITE 997 HOLE A CORE 55P CORED 433.3 - 434.3 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
		1		W	S W	5GY 5/1	<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of greenish gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY.</p> <p>General Description: This core is severely disturbed and soupy.</p>
		early Pliocene					



SITE 997 HOLE B CORE 1X

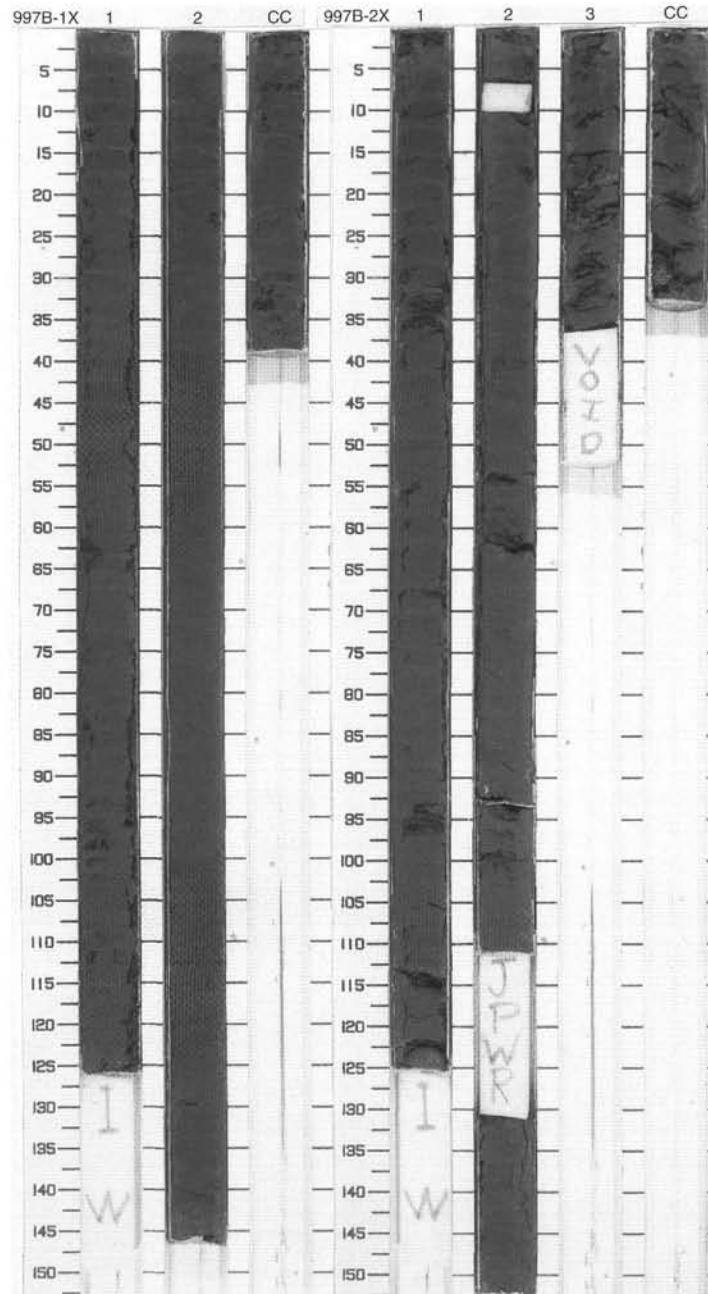
CORED 318.5 - 328.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pliocene	[Wavy lines]	[X marks]	I	5GY 4/1	NANNOFOSSIL-BEARING CLAY
2	[Dotted pattern]	2						Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with moderate to intense bioturbation.
3	[Dotted pattern]	CC						General Description: Drilling biscuits occur throughout.

SITE 997 HOLE B CORE 2X

CORED 328.1 - 337.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pliocene	[Wavy lines]	[X marks]	I	5GY 4/1	DIATOM-BEARING NANNOFOSSIL-BEARING CLAY
2	[Dotted pattern]	2						Major Lithology: This core consists of dark greenish gray (5GY 5/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAY with slight to moderate bioturbation.
3	[Dotted pattern]	3						General Description: Drilling biscuits occur throughout.
		CC				W		

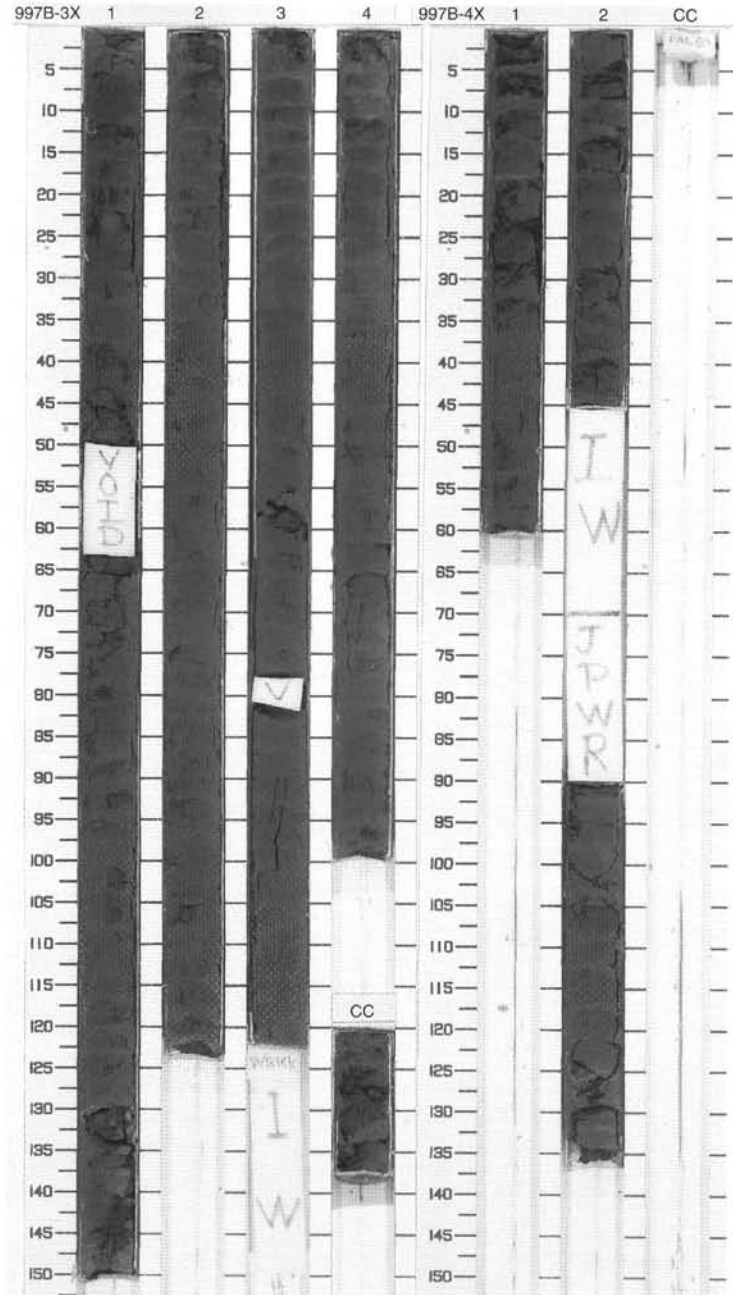


SITE 997 HOLE B CORE 3X CORED 337.7 - 347.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~	XXXX			<p>NANNOFOSSIL-BEARING CLAY</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAY with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	early Pliocene	~	XXXX	S	5GY 4/1	
3	[Dotted pattern]	3		~	XXXX			
4	[Dotted pattern]	4		~	XXXX	I W		
5	[Dotted pattern]	CC						

SITE 997 HOLE B CORE 4X CORED 414.2 - 423.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pliocene	~		S	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
	[Dotted pattern]	2		~		I W		
	[Dotted pattern]	CC						



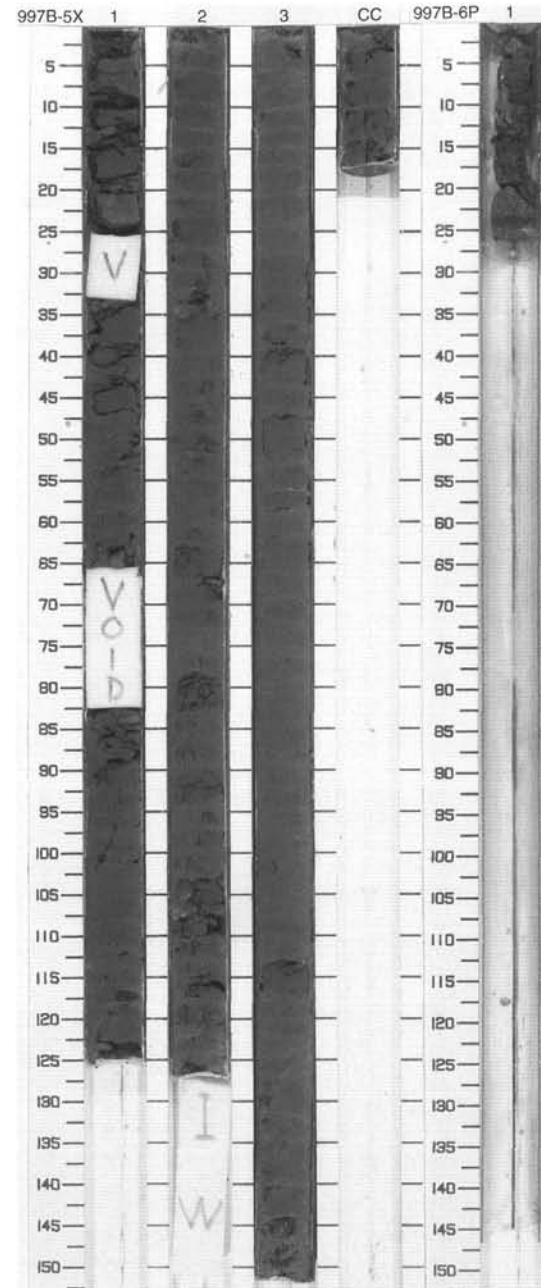
SITE 997 HOLE B CORE 5X CORED 423.8 - 433.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pliocene	[Wavy lines]	[X pattern]		5GY 4/1	DIATOM-BEARING NANNOFOSSIL-BEARING CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAYSTONE with slight bioturbation. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	CO						

SITE 997 HOLE B CORE 6P CORED 433.4 - 434.4 mbsf

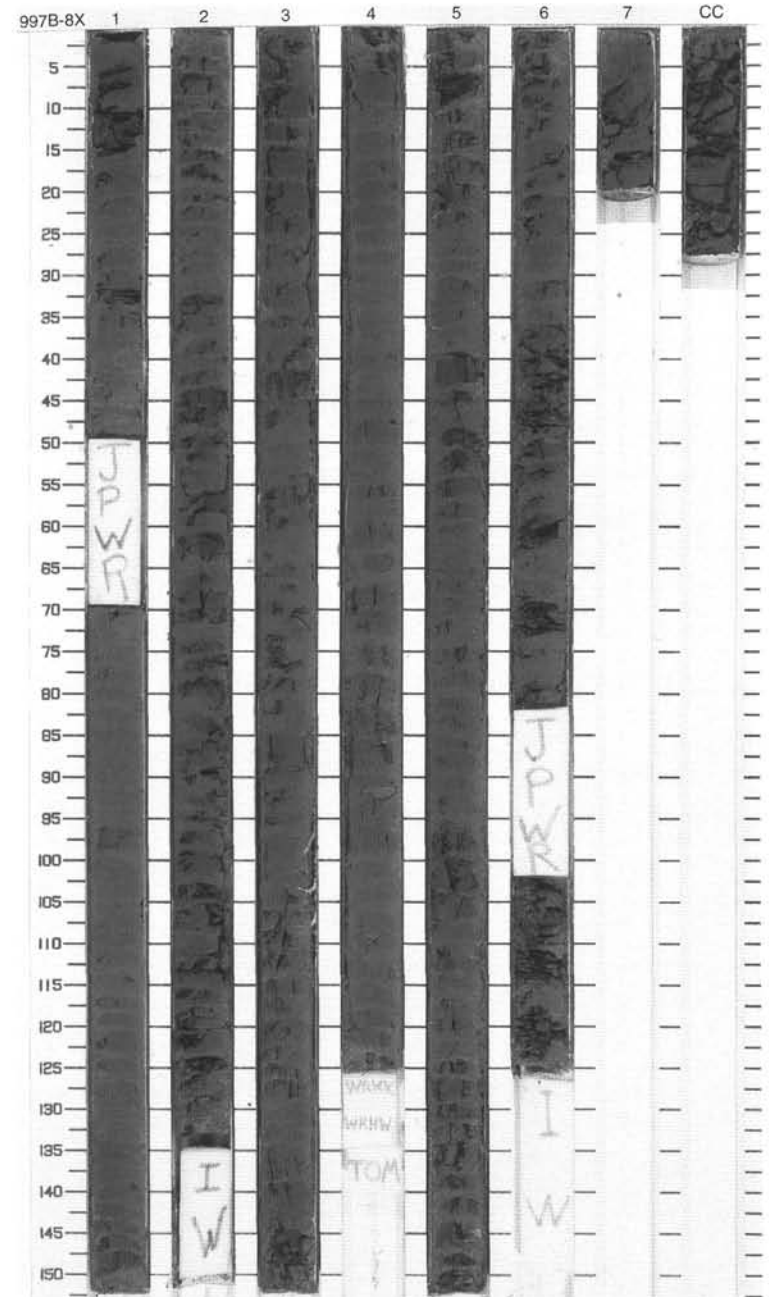
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1						CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1) CLAYSTONE.

997B-7X NO RECOVERY



SITE 997 HOLE B CORE 8X CORED 443.0 - 452.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~	X	W		DIATOM-BEARING NANNOFOSSIL-BEARING CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAYSTONE with slight bioturbation. General Description: Drilling biscuits occur throughout. Some sediments in Sections 2 and 3 were disturbed by shipboard examination for gas hydrates. No hydrates were found.
2	[Dotted pattern]	2		~	X	S		
3	[Dotted pattern]	3		~	X	I		
4	[Dotted pattern]	3		~	X			
5	[Dotted pattern]	4	early Pliocene	~	X		5GY 4/1	
6	[Dotted pattern]	4		~	X	WW		
7	[Dotted pattern]	5		~	X	S		
8	[Dotted pattern]	6		~	X	W		
9	[Dotted pattern]	7		~	X	I		
	[Dotted pattern]	CC		~	X			



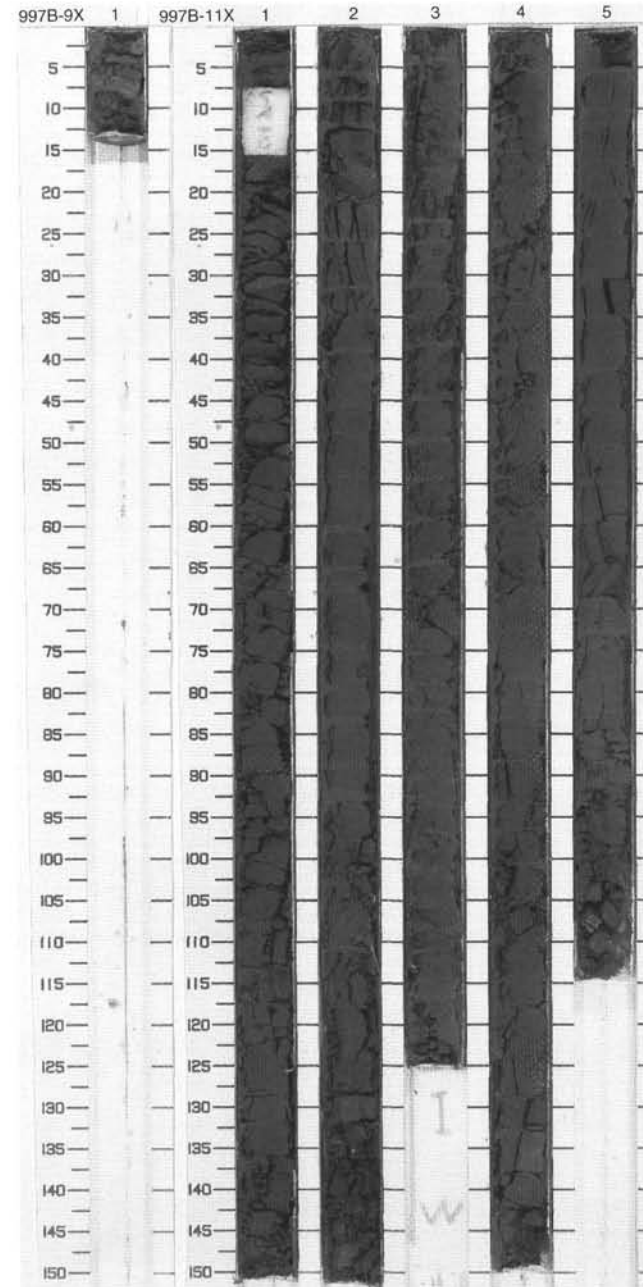
SITE 997 HOLE B CORE 9X CORED 452.6 - 462.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1						NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE
								Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE.

997B-10P Entire core was taken for samples.

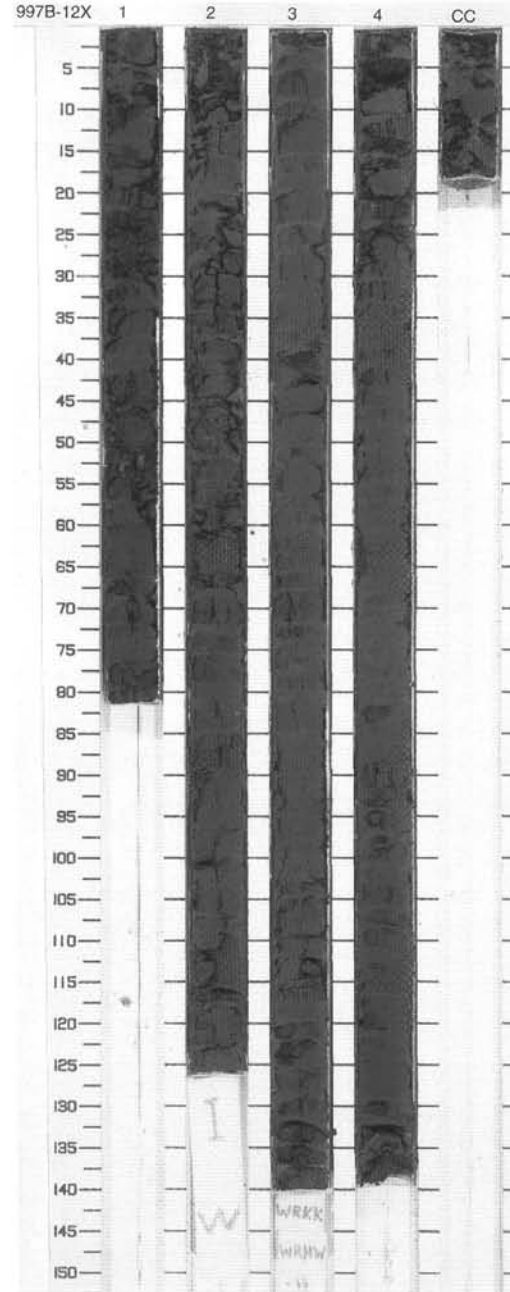
SITE 997 HOLE B CORE 11X CORED 463.2 - 471.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}}	X	W		DIATOM-RICH CLAYSTONE
2		2		}}	X	S		Major Lithology: This core consists of greenish gray (5GY 4/1) DIATOM-RICH CLAYSTONE.
3		3	early Pliocene	}}	X		5GY 4/1	General Description: Drilling biscuits occur throughout. Some intervals of Section 1 were disturbed during shipboard examination for gas hydrates. No hydrates were found.
4	}}			X				
5		4		}}	X			
6		5		}}	X			
7				}}	X	S		



SITE 997 HOLE B CORE 12X CORED 471.8 - 481.5 mbsf

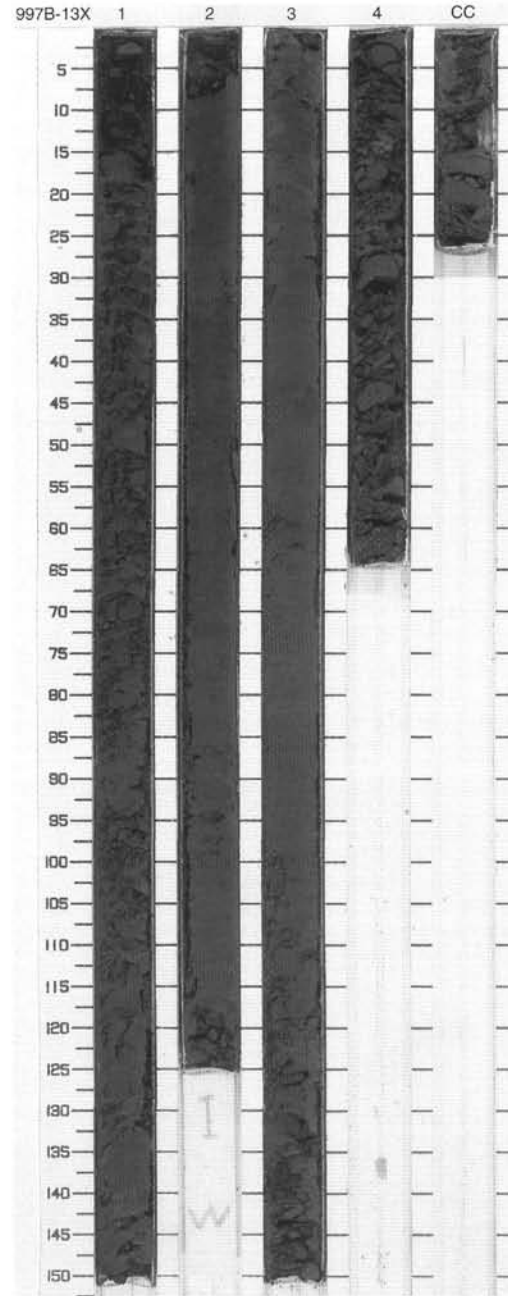
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pliocene	~	WWW		5GY 4/1	<p>DIATOM-RICH NANNOFOSSIL-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-RICH NANNOFOSSIL-RICH CLAYSTONE with moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout. Some sediments in Section 2 were disturbed during shipboard examination for gas hydrates. No hydrates were found.</p>
2	[Dotted pattern]	2		~	XXX			
3	[Dotted pattern]	3		~	XXX	I		
4	[Dotted pattern]	4		~	XXX	WW		
5	[Dotted pattern]	CC		~				



SITE 997 HOLE B CORE 13X

CORED 481.5 - 491.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X pattern]		5GY 4/1	DIATOM-RICH CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-RICH CLAYSTONE with slight bioturbation. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	CC						

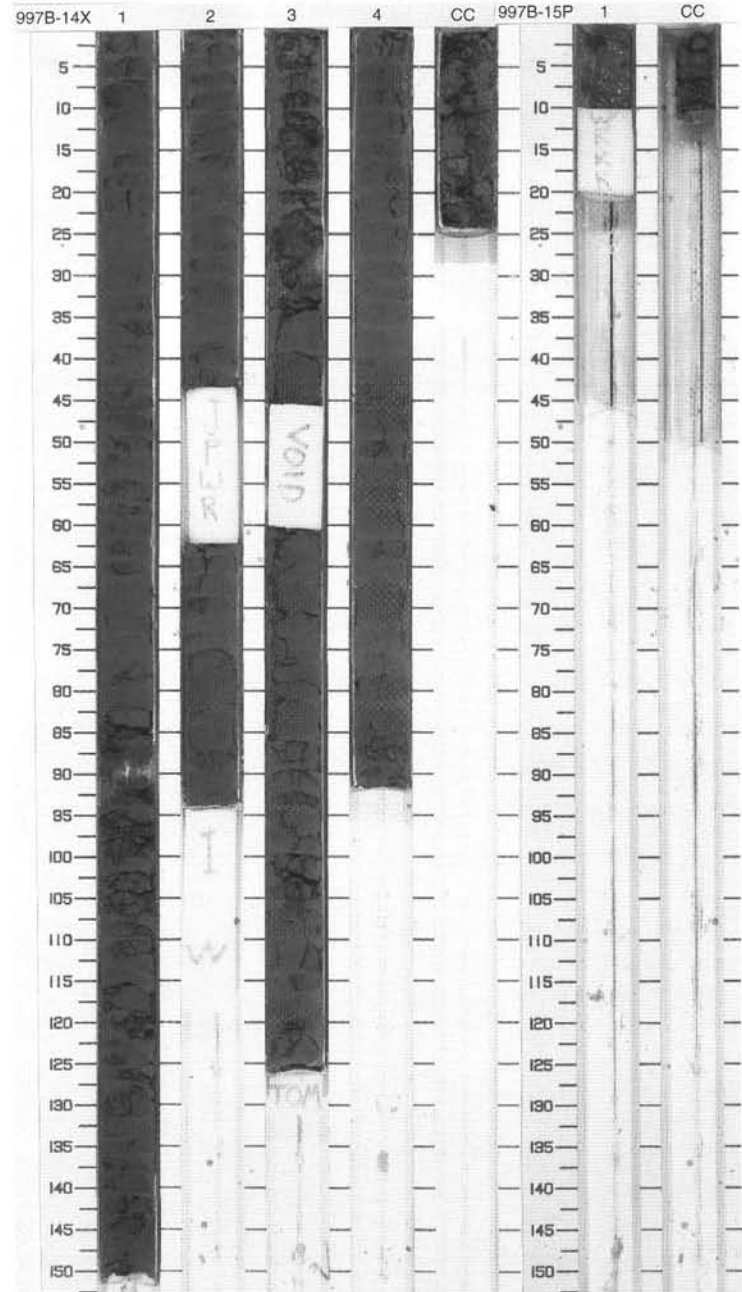


SITE 997 HOLE B CORE 14X CORED 491.1 - 500.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X pattern]	WS	5GY 4/1	<p>DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-RICH CLAYSTONE with slight bioturbation. Foraminifers are concentrated in olive-colored (5Y 4/2) burrows and thin lamina.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	CC						

SITE 997 HOLE B CORE 15P CORED 500.8 - 501.8 mbsf

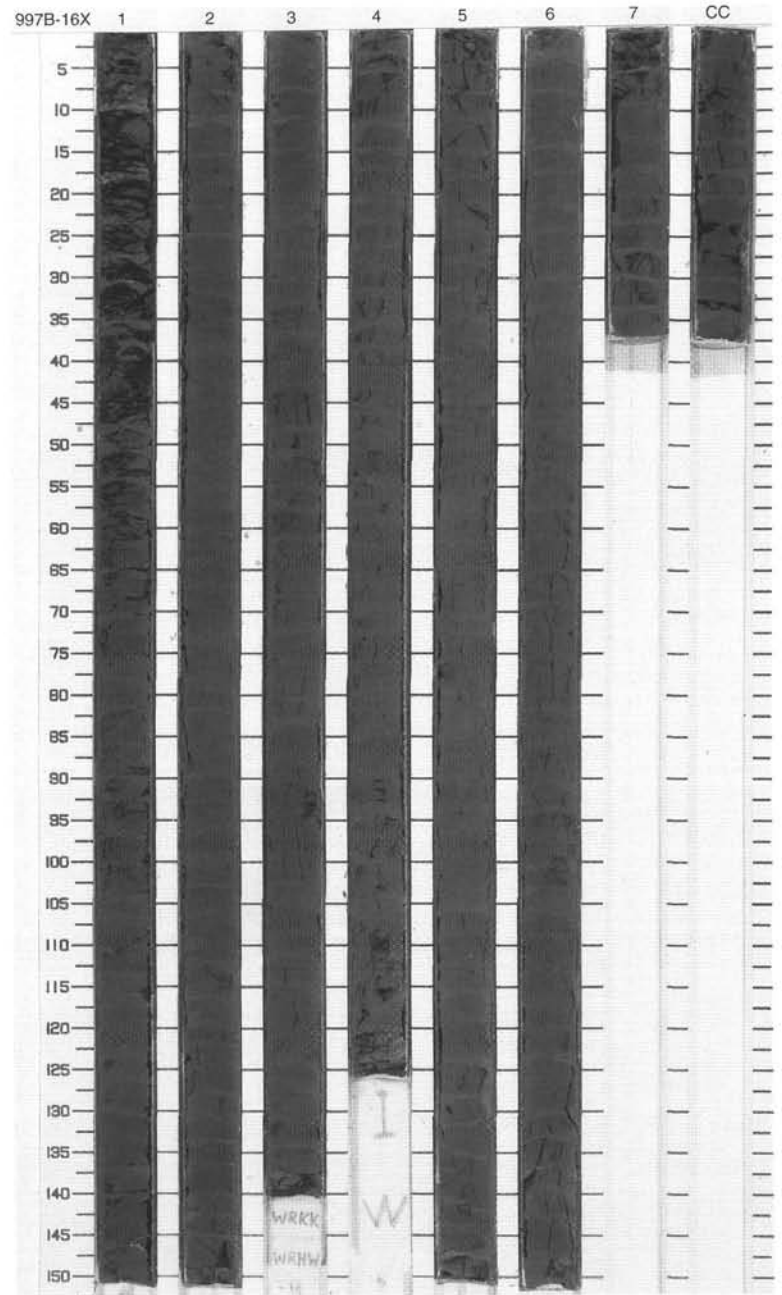
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1			OO	W		<p>DIATOM-BEARING NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAYSTONE.</p>



SITE 997 HOLE B CORE 16X

CORED 501.8 - 510.4 mbsf

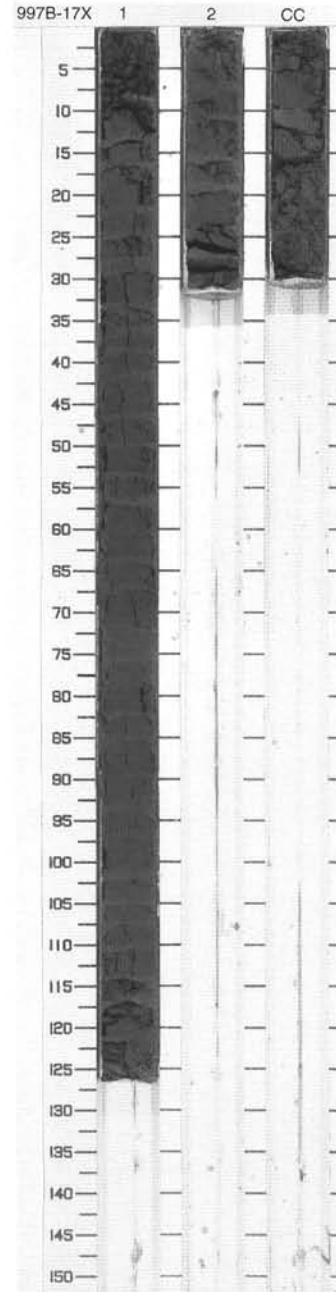
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		[Wavy line]	[X pattern]			<p>NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout. The sediment has a fissile texture in Section 1, 0-70 cm. High-angle to vertical fractures occur in several intervals.</p>
2	[Dotted pattern]	2		[Wavy line]	[X pattern]	S		
3	[Dotted pattern]	3		[X pattern]	[X pattern]			
4	[Dotted pattern]	3		[X pattern]	[X pattern]			
5	[Dotted pattern]	4	late Miocene	[X pattern]	[X pattern]	WW	5GY 4/1	
6	[Dotted pattern]	5		[X pattern]	[X pattern]			
7	[Dotted pattern]	6		[X pattern]	[X pattern]			
8	[Dotted pattern]	6		[X pattern]	[X pattern]			
9	[Dotted pattern]	7		[X pattern]	[X pattern]			
	[Dotted pattern]	CC		[Wavy line]	[X pattern]			



SITE 997 HOLE B CORE 17X

CORED 510.4 - 520.0 mbsf

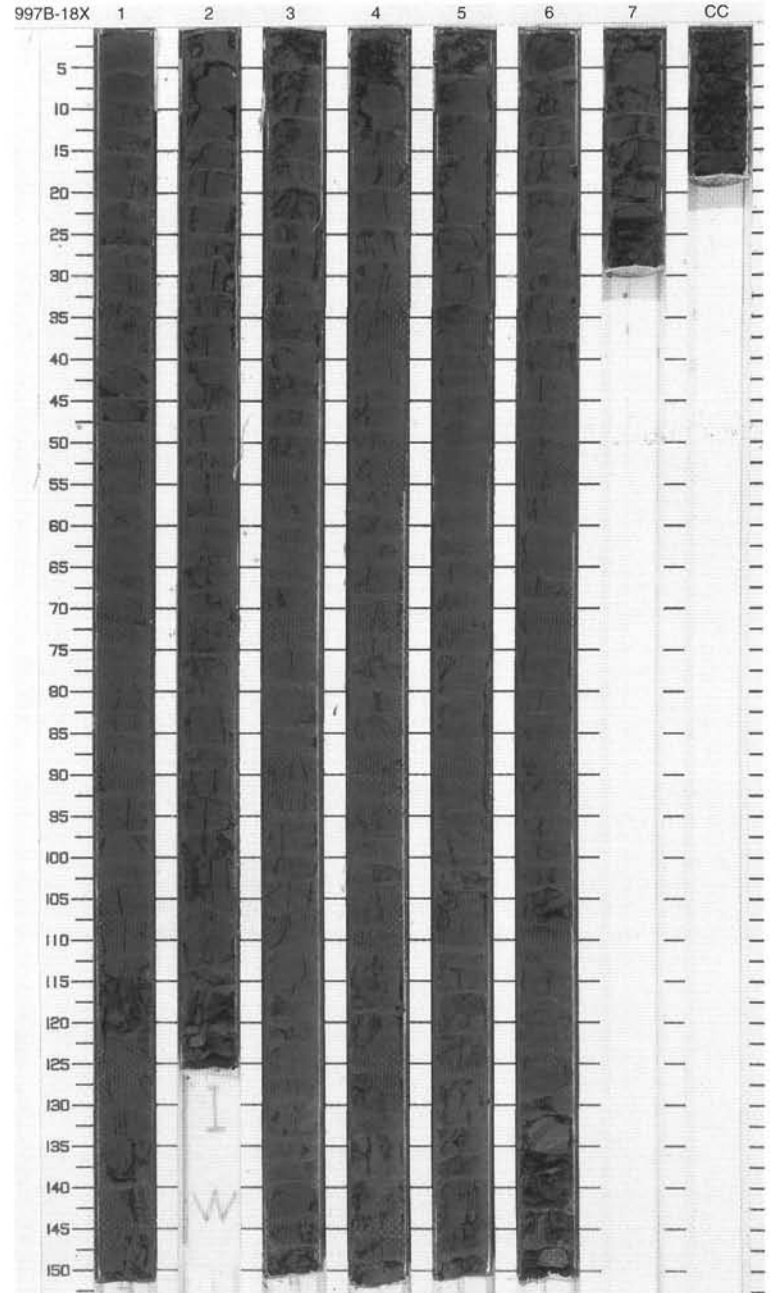
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Miocene			S	5GY 4/1	<p>NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2		2				I		
		CC						



SITE 997 HOLE B CORE 18X

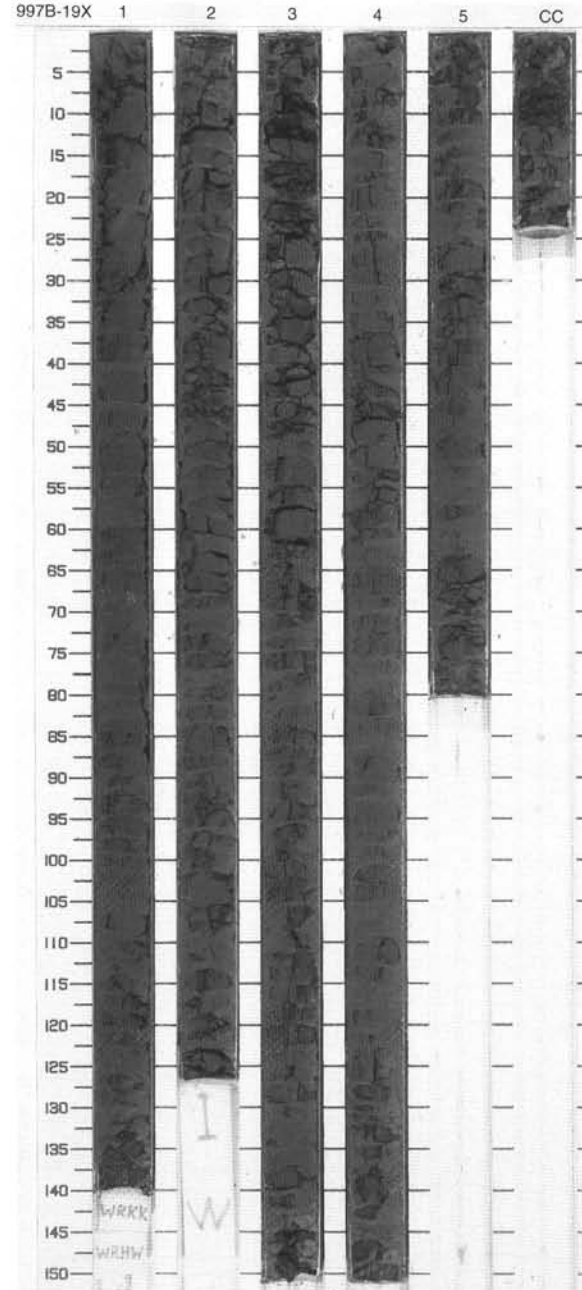
CORED 520.0 - 529.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[X pattern]	[X pattern]		5GY 4/1	DIATOM-BEARING CLAYSTONE and DIATOM-RICH CLAYSTONE Major Lithologies: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING CLAYSTONE in Sections 1 through 4, and DIATOM-RICH CLAYSTONE in Section 5 through CC, with slight to intense bioturbation. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2		[X pattern]	[X pattern]	S		
3	[Dotted pattern]	3		[X pattern]	[X pattern]	I		
4	[Dotted pattern]	4		[X pattern]	[X pattern]			
5	[Dotted pattern]	5		[X pattern]	[X pattern]			
6	[Dotted pattern]	6		[X pattern]	[X pattern]	S		
7	[Dotted pattern]	7		[X pattern]	[X pattern]			
CC	[Dotted pattern]	CC						



SITE 997 HOLE B CORE 19X CORED 529.6 - 539.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene	~	XX	WW	5GY 4/1	<p>DIATOM-RICH NANNOFOSSIL-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-RICH NANNOFOSSIL-RICH CLAYSTONE with moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Pattern]	2		~	XX			
3	[Pattern]	3		~	XX	I		
4	[Pattern]	4		~	XX			
5	[Pattern]	5		~	XX			
6	[Pattern]	6		~	XX			
7	[Pattern]	7		CC	~			

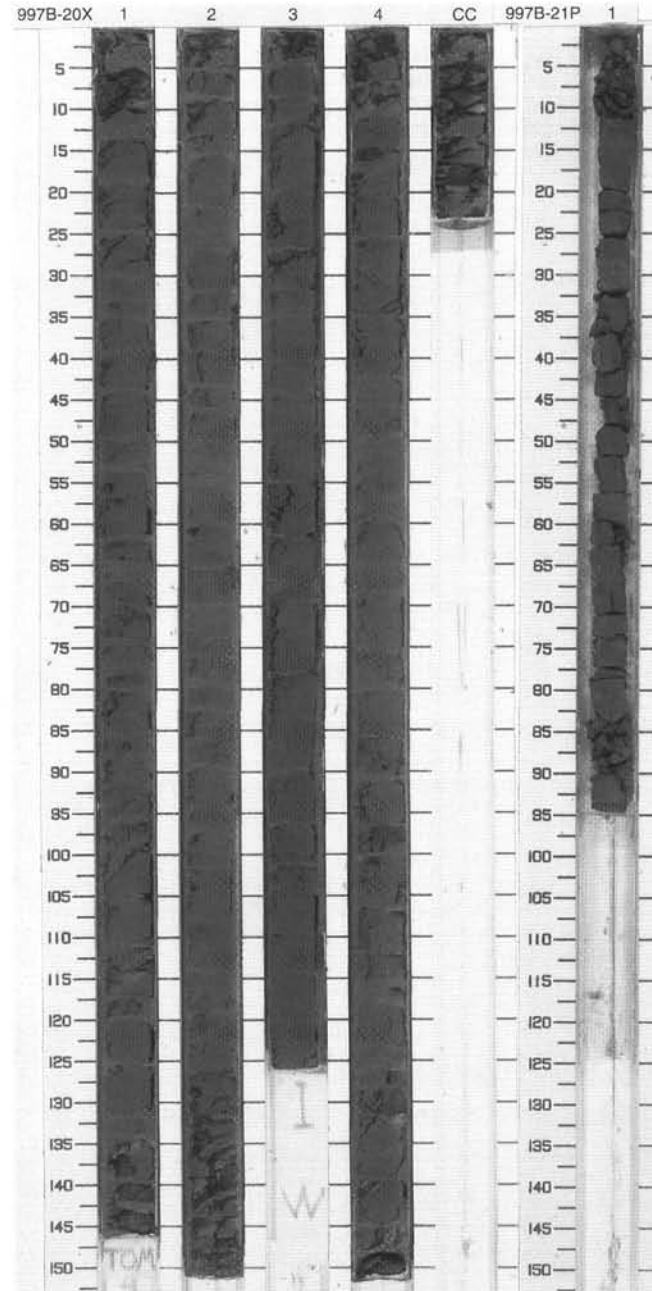


SITE 997 HOLE B CORE 20X CORED 539.2 - 548.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X pattern]	W	5GY 4/1	<p>NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 5/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>	
2	[Dotted pattern]	2							S
3	[Dotted pattern]	3							
4	[Dotted pattern]	4							
5	[Dotted pattern]	4							
6	[Dotted pattern]	CC							

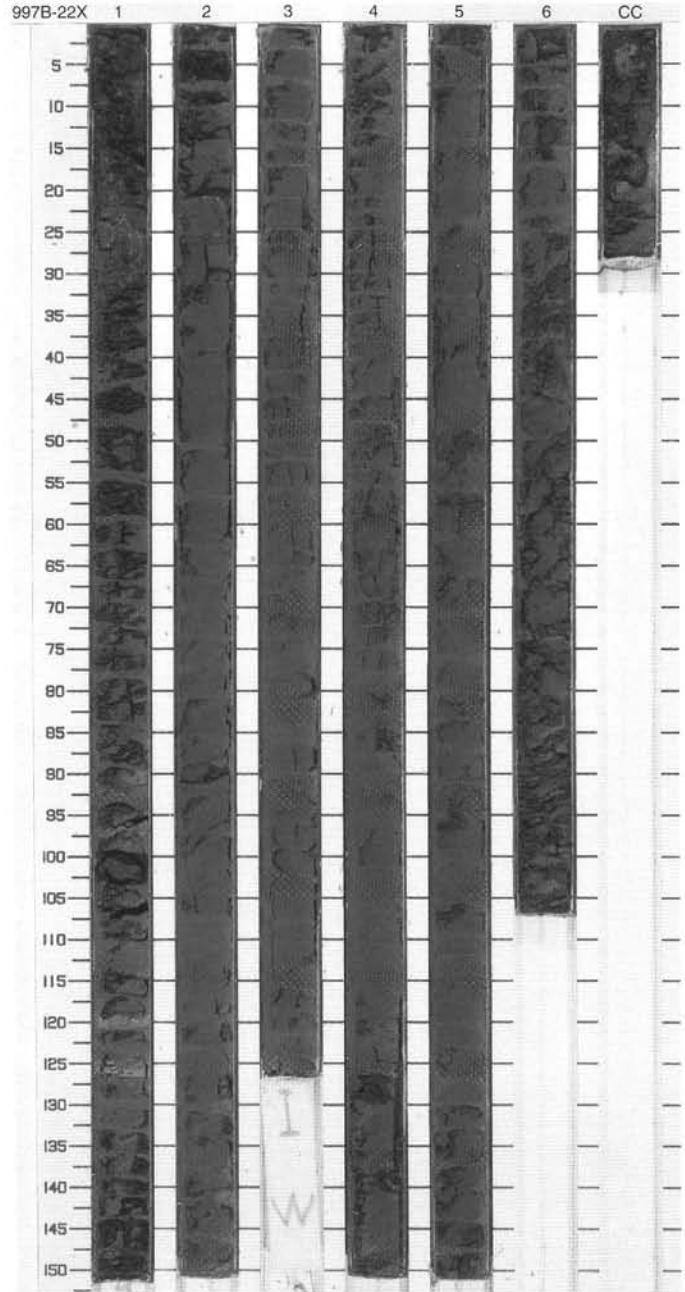
SITE 997 HOLE B CORE 21P CORED 548.8 - 549.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	[Dotted pattern]	1	late Mio			S	5GY 4/1	<p>DIATOM-RICH NANNOFOSSIL-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of homogeneous, dark greenish gray (5GY 4/1) DIATOM-RICH NANNOFOSSIL-RICH CLAYSTONE.</p>



SITE 997 HOLE B CORE 22X CORED 549.8 - 558.4 mbsf

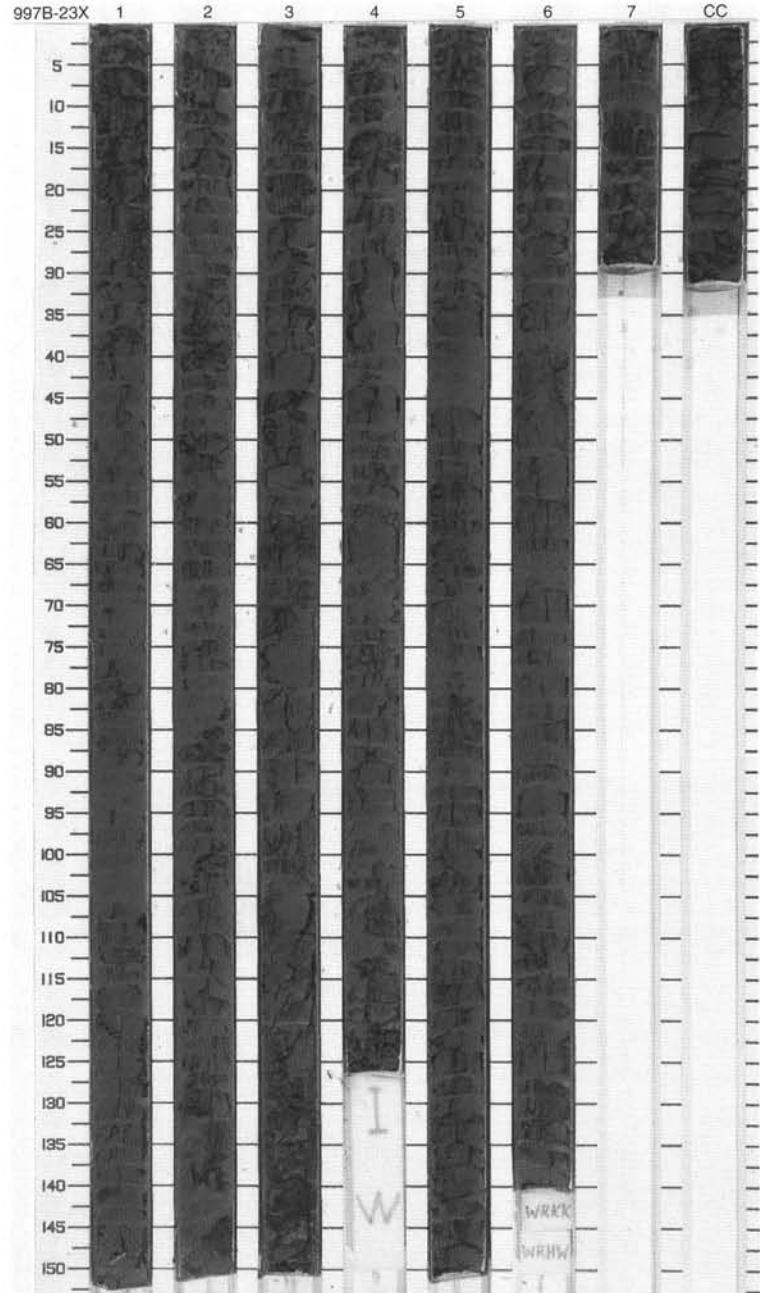
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	~	X	S	5GY 4/1	<p>NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3		~	X	I		
4	[Dotted pattern]	4		~	X			
5	[Dotted pattern]	5		~	X	S		
6	[Dotted pattern]	6		~	X			
7	[Dotted pattern]	CC		~				
8	[Dotted pattern]			~				



SITE 997 HOLE B CORE 23X

CORED 558.4 - 568.0 mbsf

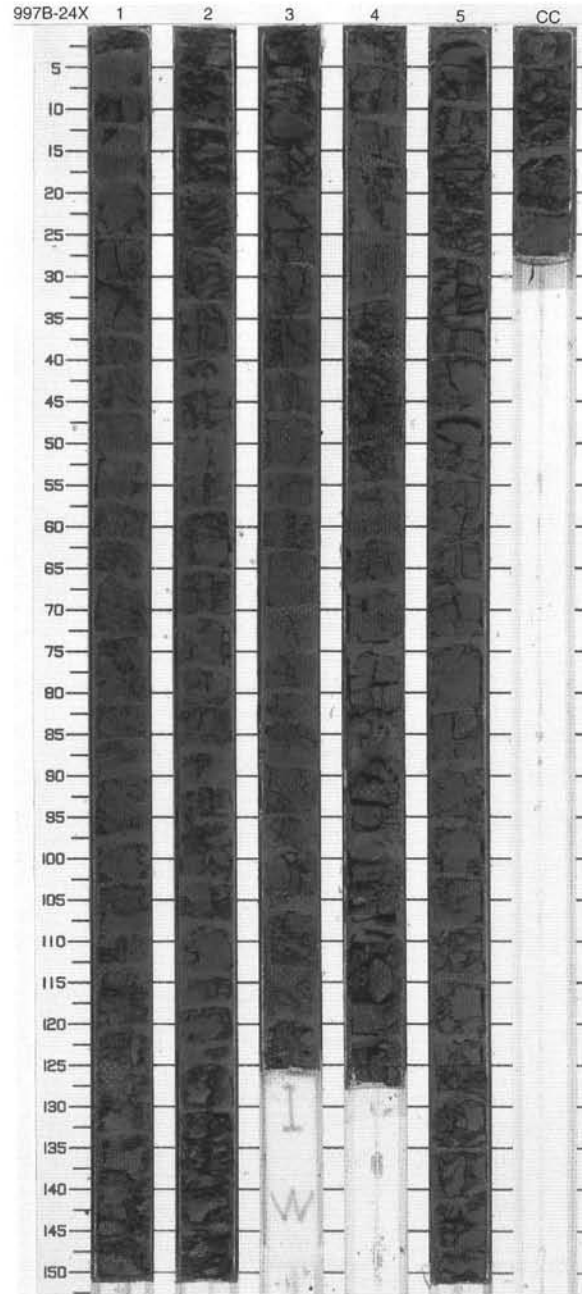
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[X-pattern]	[X-pattern]	S	5GY 4/1	<p>NANNOFOSSIL-BEARING DIATOM-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-BEARING CLAYSTONE with slight bioturbation. Pale olive (5Y 6/3) beds rich in diagenetic carbonate occur Section 3, 59 and 120 cm, and Section 4, 21 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	3						
5	[Dotted pattern]	4						
6	[Dotted pattern]	4						
7	[Dotted pattern]	5						
8	[Dotted pattern]	6	I	[X-pattern]	[X-pattern]	S		
9	[Dotted pattern]	6						
	[Dotted pattern]	7	CC	[X-pattern]	[X-pattern]	W _W		
	[Dotted pattern]	CC						



SITE 997 HOLE B CORE 24X CORED 568.0 - 577.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X pattern]		5GY 4/1	<p>NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2		[Wavy lines]	[X pattern]	S		
3	[Dotted pattern]	3		[Wavy lines]	[X pattern]			
4	[Dotted pattern]	3		[Wavy lines]	[X pattern]			
5	[Dotted pattern]	4		[Wavy lines]	[X pattern]	I		
6	[Dotted pattern]	4		[Wavy lines]	[X pattern]	S		
7	[Dotted pattern]	5		[Wavy lines]	[X pattern]			
	[Dotted pattern]	CC		[Wavy lines]				

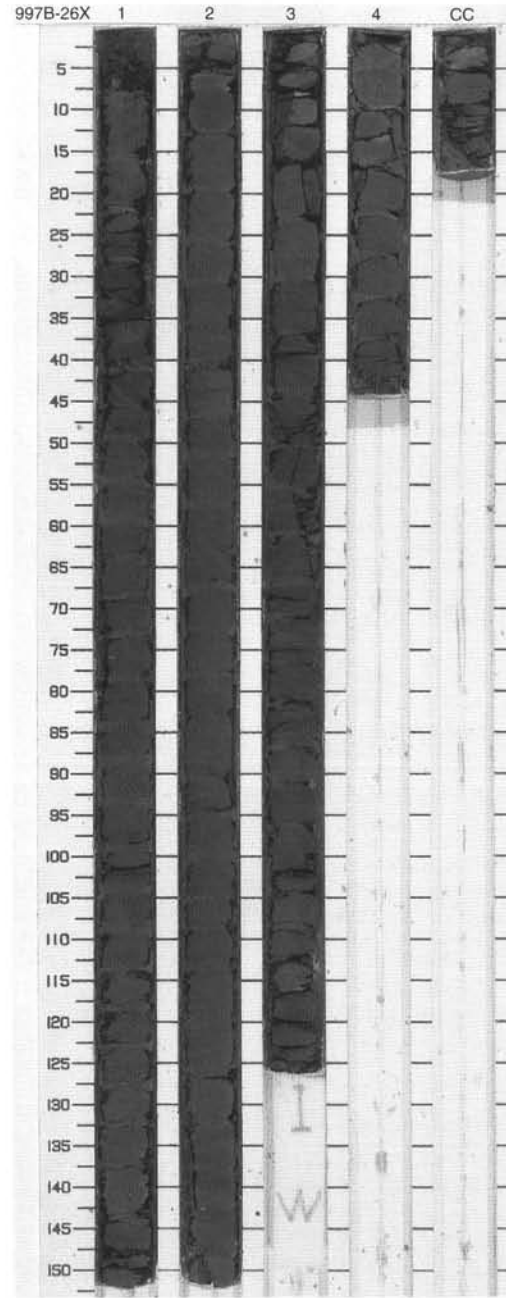
997B-25P NO RECOVERY



SITE 997 HOLE B CORE 26X

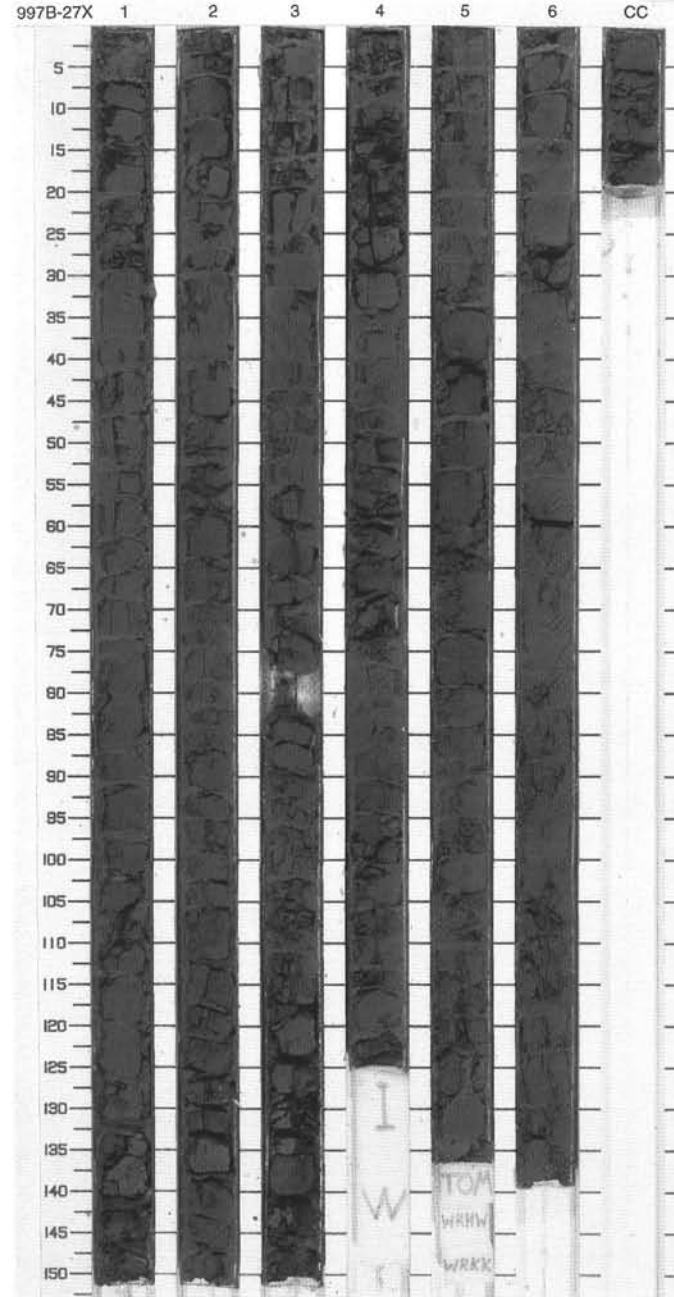
CORED 578.6 - 587.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	S	X	S	5GY 4/1	<p>DIATOM-RICH CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-RICH CLAYSTONE with moderate to intense bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	CC						



SITE 997 HOLE B CORE 27X CORED 587.2 - 596.9 mbsf

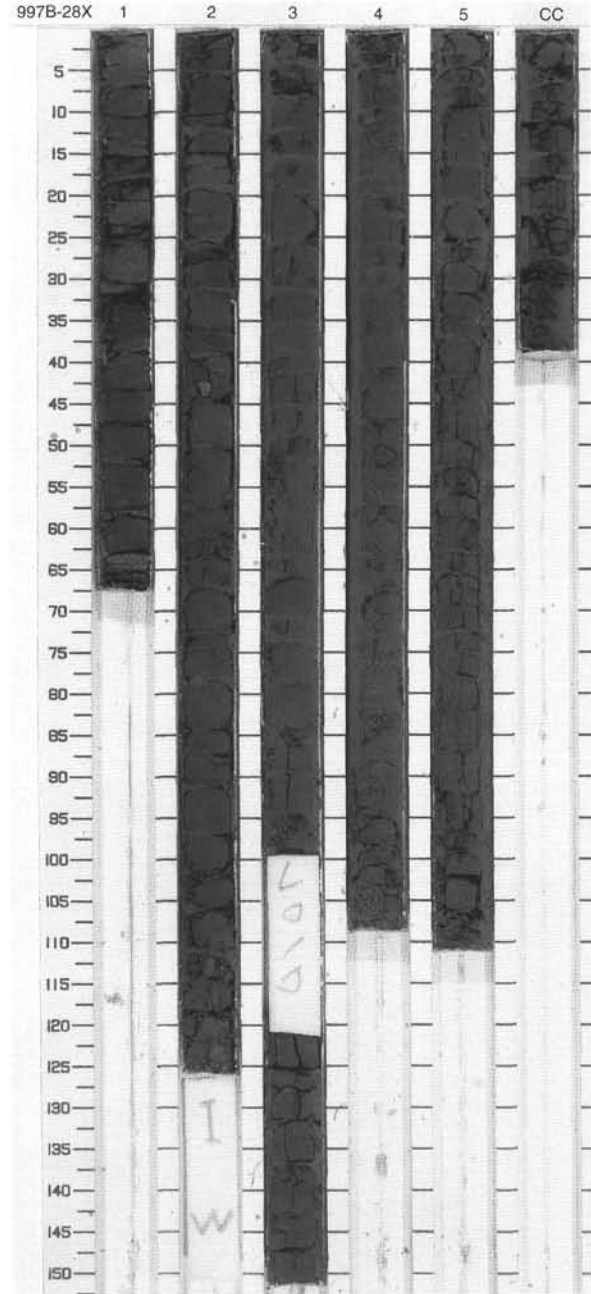
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	[Symbol]	[X]			<p>NANNOFOSSIL-BEARING DIATOM-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1 to 5/1) NANNOFOSSIL-BEARING DIATOM-BEARING CLAYSTONE with moderate to intense bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	[Symbol]	[X]			
3	[Dotted pattern]	3	[Symbol]	[X]		5GY 4/1	
4	[Dotted pattern]	4	[Symbol]	[X]			
5	[Dotted pattern]	5	[Symbol]	[X]		5GY 4/1 To 5GY 5/1	
6	[Dotted pattern]	6	[Symbol]	[X]		5GY 4/1	
7	[Dotted pattern]			[X]			
8	[Dotted pattern]			[X]			
9	[Dotted pattern]			[X]			



SITE 997 HOLE B CORE 28X

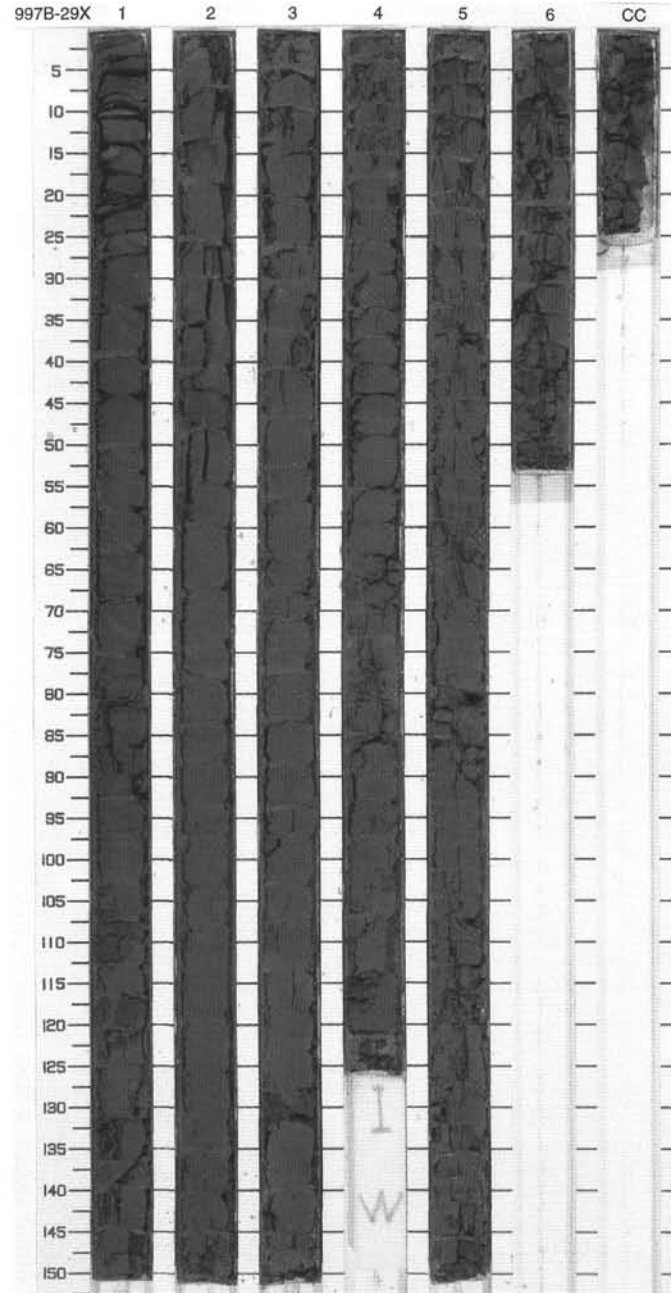
CORED 596.9 - 606.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[X marks]	[X marks]	S	5GY 4/1	DIATOM-BEARING CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1) DIATOM-BEARING CLAYSTONE with moderate to intense bioturbation. General Description: Drilling biscuits occur throughout.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	CC						



SITE 997 HOLE B CORE 29X CORED 606.5 - 616.1 mbsf

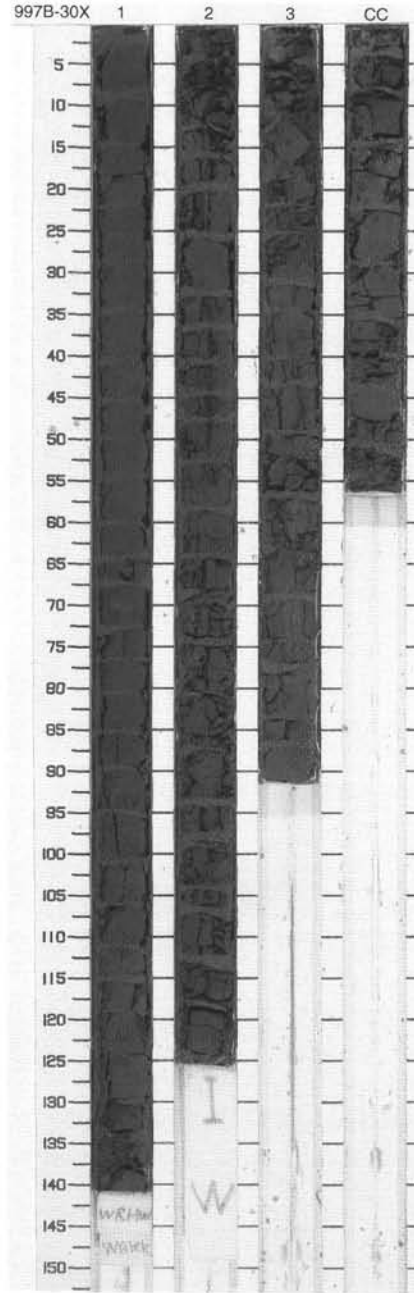
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	X	X	S	5GY 4/1	<p>NANNOFOSSIL-BEARING DIATOM-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOM-BEARING CLAYSTONE with moderate to intense bioturbation. Carbonate nodules as much as 1 cm in diameter occur at Section 4, 20 and 23 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	6						
8	[Dotted pattern]	CC						



SITE 997 HOLE B CORE 30X

CORED 616.1 - 625.7 mbsf

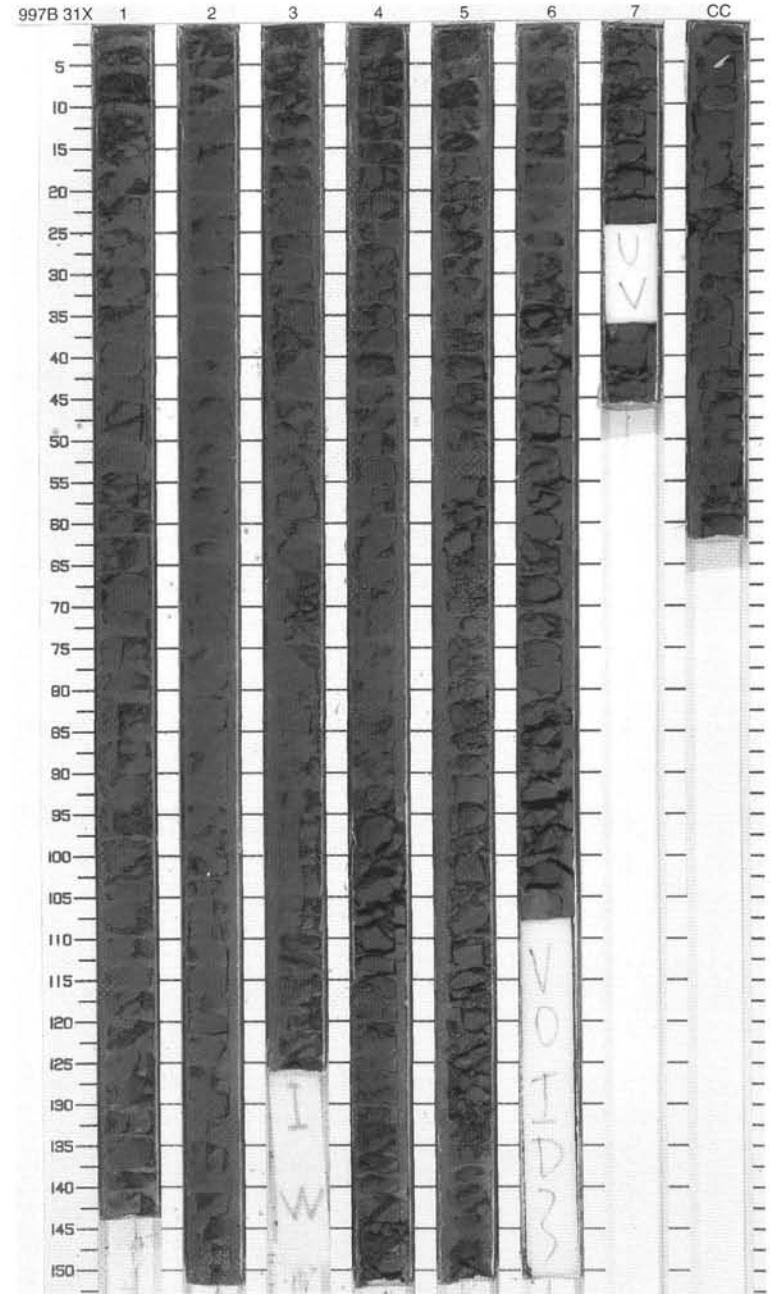
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X's]	S	5GY 4/1	<p>CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) CLAYSTONE with slight to moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2		[Wavy lines]	[X's]	W		
3	[Dotted pattern]	3		[Wavy lines]	[X's]	I		
4	[Dotted pattern]	CC		[Wavy lines]	[X's]			



SITE 997 HOLE B CORE 31X CORED 625.7 - 635.3 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	[Wavy lines]	[X marks]			<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with slight to intense bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	[Wavy lines]	[X marks]	S		
3	[Dotted pattern]	3	[Wavy lines]	[X marks]			
4	[Dotted pattern]	3	[Wavy lines]	[X marks]	I		
5	[Dotted pattern]	4	[Wavy lines]	[X marks]		5GY 4/1	
6	[Dotted pattern]	5	[Wavy lines]	[X marks]	S		
7	[Dotted pattern]	5	[Wavy lines]	[X marks]			
8	[Dotted pattern]	6	[Wavy lines]	[X marks]			
9	[Dotted pattern]	7	[Wavy lines]	[X marks]			
	Void						
		CC					

997B-32P NO RECOVERY

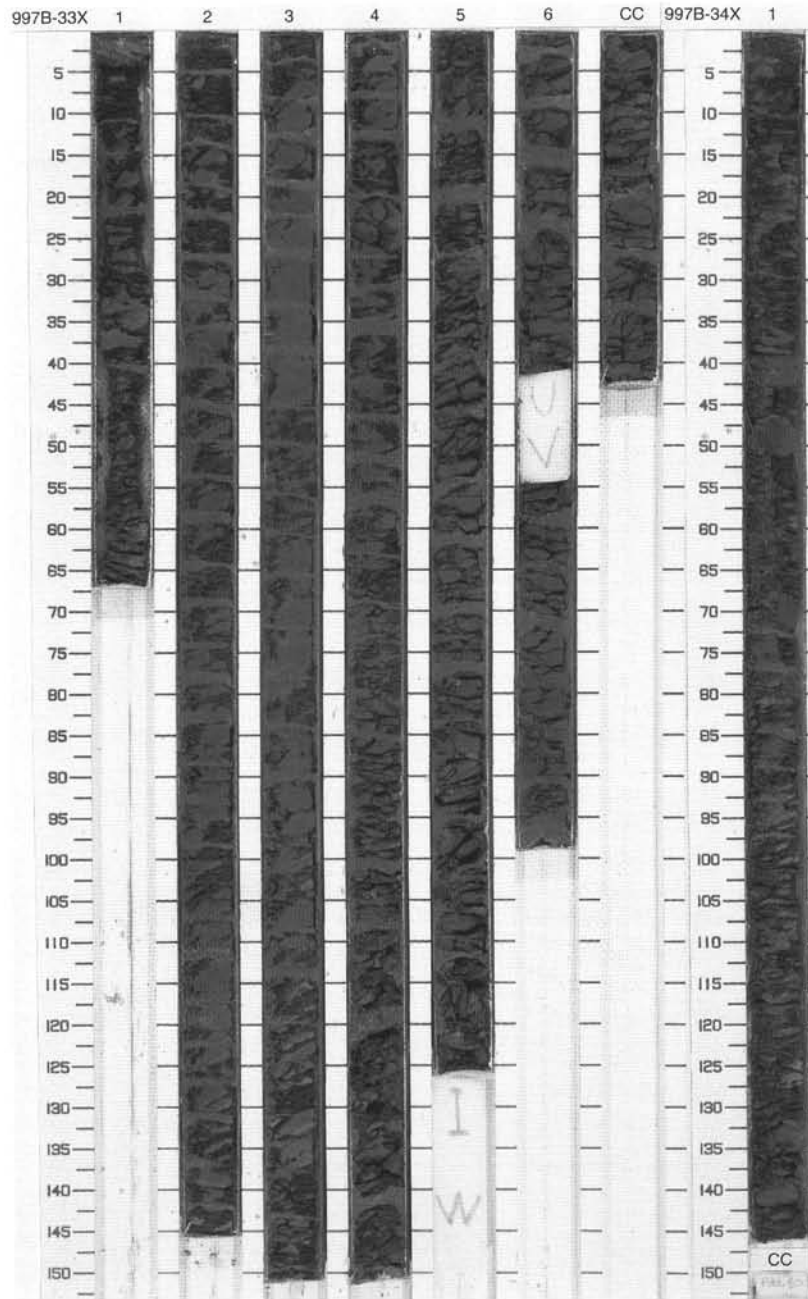


SITE 997 HOLE B CORE 33X CORED 636.3 - 644.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Miocene	S	W	S	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE and NANNOFOSSIL-BEARING SILTY CLAYSTONE</p> <p>Major Lithologies: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE in Sections 1 through 4 and NANNOFOSSIL-BEARING SILTY CLAYSTONE in Sections 5 through CC, with intense bioturbation.</p> <p>General Description: Section 1 is highly disturbed with no stratigraphic order and orientation. Drilling biscuits occur throughout.</p>
2		2						
3		3		S	I	S		
4		4						
5		5		S	I	S		
6		6						
CC		CC						

SITE 997 HOLE B CORE 34X CORED 644.9 - 654.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Miocene			S	5GY 4/1	<p>CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
		CC				WW		

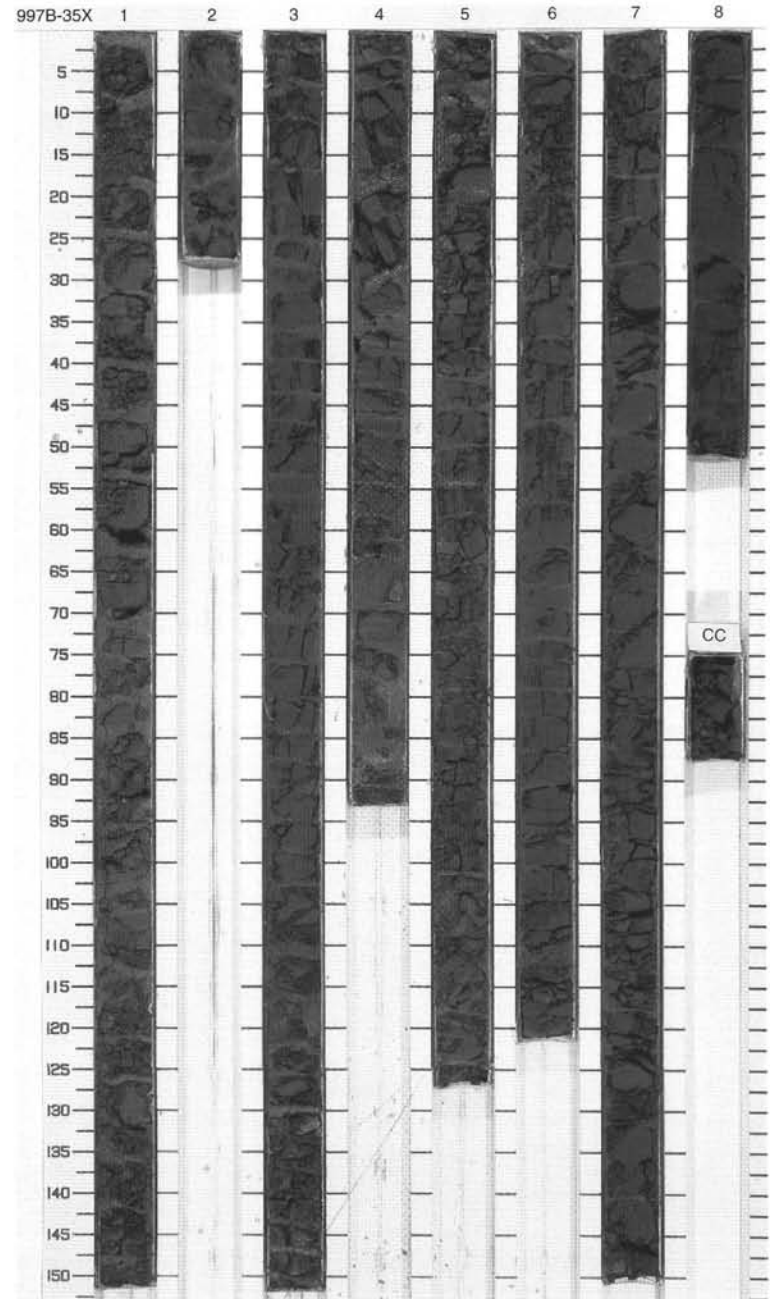


SITE 997

SITE 997 HOLE B CORE 35X CORED 654.5 - 664.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Hatched pattern]	1		⌘				<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with slight to moderate bioturbation. Thin lamina of carbonate silt frequently occur in Section 4, 14 cm, through Section 5, 118 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Hatched pattern]	2		⌘				
3	[Hatched pattern]	3		⊙				
4	[Hatched pattern]	4	late Miocene					
5	[Hatched pattern]	5					5GY 4/1	
6	[Hatched pattern]	6						
7	[Hatched pattern]	7						
8	[Hatched pattern]	8						
9	[Hatched pattern]	9						

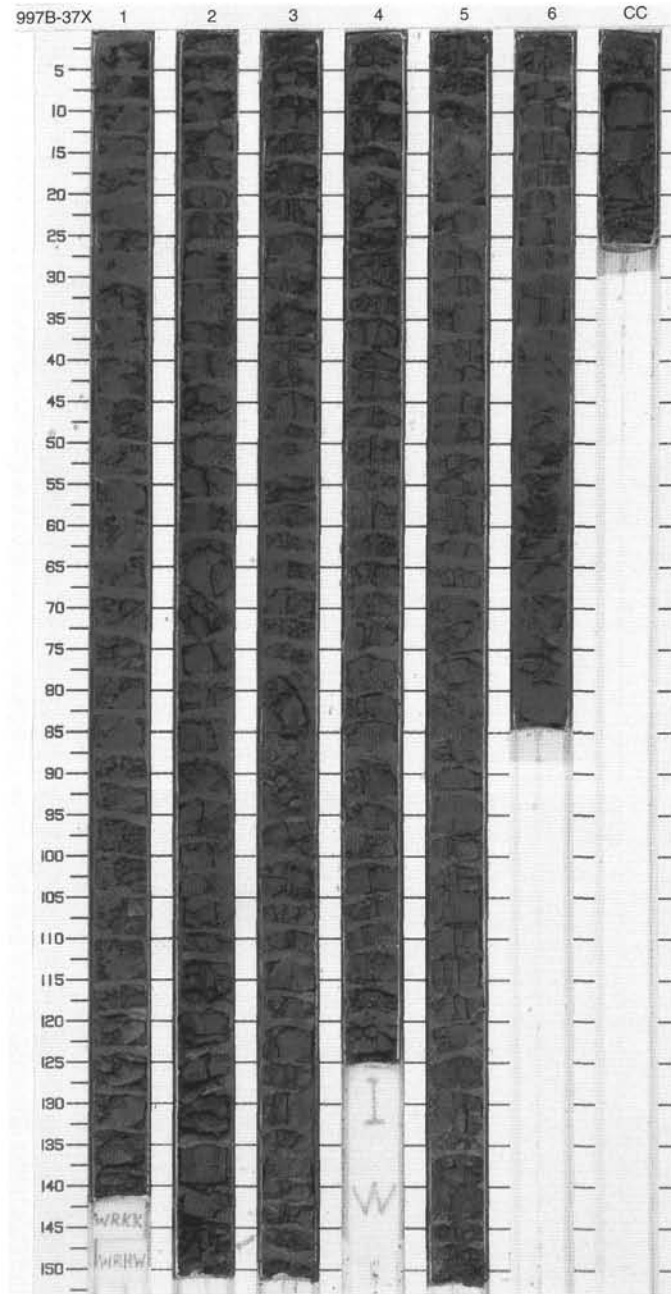
997B-36P NO RECOVERY



SITE 997 HOLE B CORE 37X

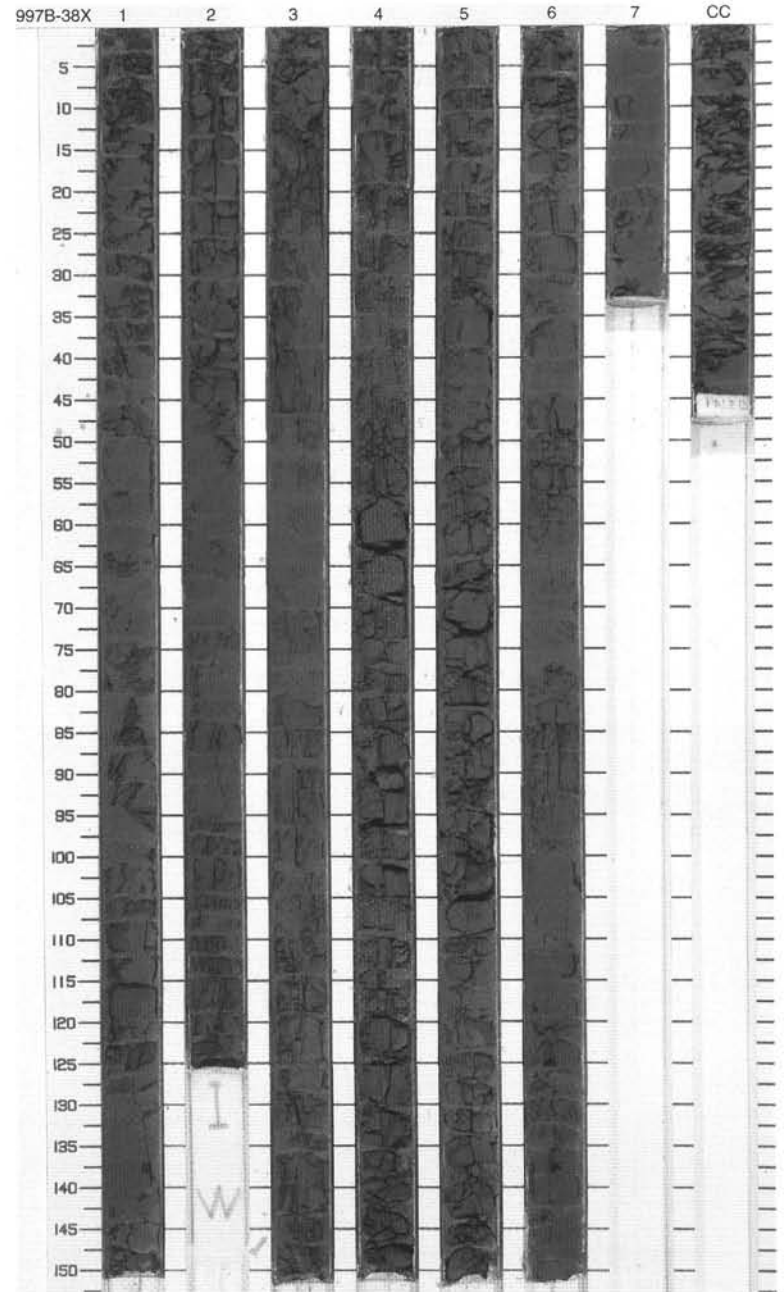
CORED 665.1 - 673.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X pattern]	W W	5GY 4/1	<p>NANNOFOSSIL-RICH CLAYSTONE and NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithologies: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-RICH CLAYSTONE in Sections 1 through 4 and NANNOFOSSIL-BEARING CLAYSTONE in Sections 5 through CC, with slight to moderate bioturbation.</p> <p>General Description: The sediments generally exhibit very fissile texture. Drilling biscuits occur throughout.</p>	
2	[Dotted pattern]	2							S
3	[Dotted pattern]	3							[X pattern]
4	[Dotted pattern]	4							[X pattern]
5	[Dotted pattern]	4							[X pattern]
6	[Dotted pattern]	4							[X pattern]
7	[Dotted pattern]	5							[X pattern]
8	[Dotted pattern]	6							[X pattern]
	[Dotted pattern]	CC							



SITE 997 HOLE B CORE 38X CORED 673.8 - 683.4 mbsf

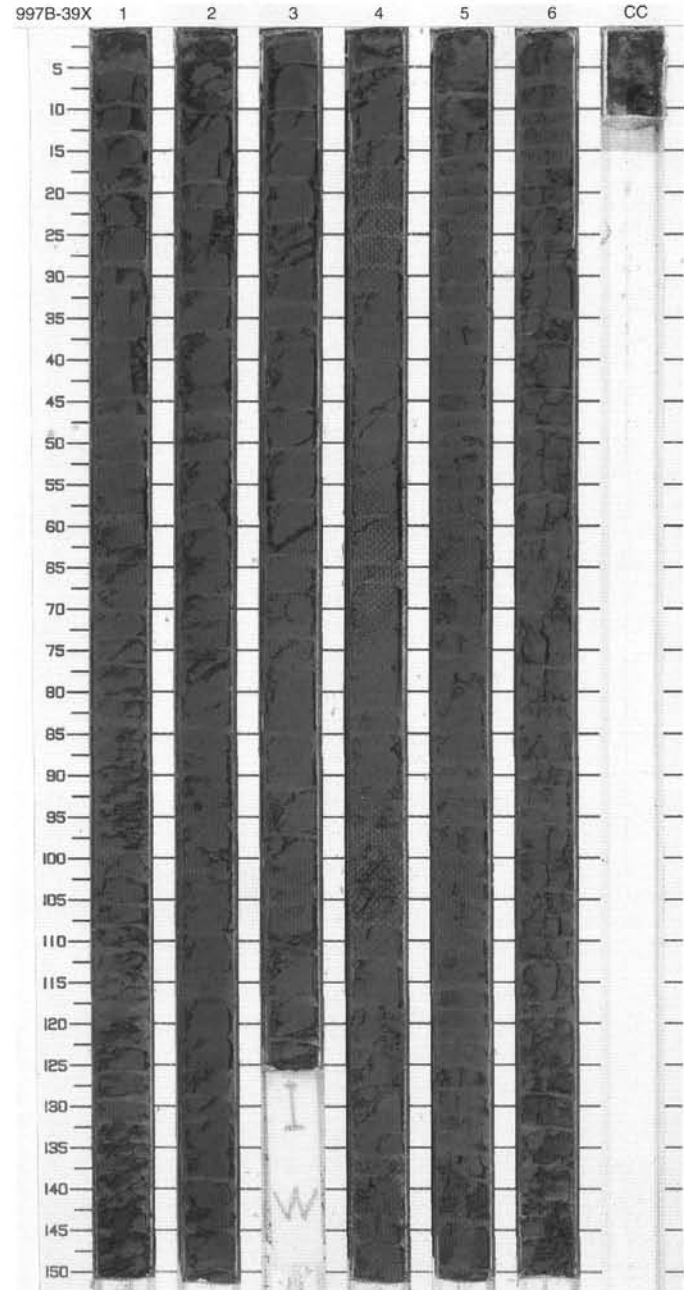
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	[Wavy lines]	[X marks]			<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with moderate bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2	[Wavy lines]	[X marks]	S		
3	[Dotted pattern]	3	[Wavy lines]	[X marks]	I		
4	[Dotted pattern]	4	[Wavy lines]	[X marks]		5GY 4/1	
5	[Dotted pattern]	5	[Wavy lines]	[X marks]	S		
6	[Dotted pattern]	6	[Wavy lines]	[X marks]			
7	[Dotted pattern]	7	[Wavy lines]	[X marks]			
	[Dotted pattern]	CC	[Wavy lines]	[X marks]			



SITE 997 HOLE B CORE 39X CORED 683.4 - 693.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene		X		5GY 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE. Thin carbonate silt lamina form parallel lamination in Sections 2 through 6.</p> <p>Minor Lithologies: An olive (5Y 4/3) FORAMINIFER-RICH CLAY bed occurs in Section 4, 98-100 cm.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2			X	S		
3	[Dotted pattern]	3			X			
4	[Dotted pattern]	4			X	I		
5	[Dotted pattern]	5			X	S		
6	[Dotted pattern]	6			X			
7	[Dotted pattern]	7			X			
8	[Dotted pattern]	8			X			
9	[Dotted pattern]	9			X			

997B-40P NO RECOVERY

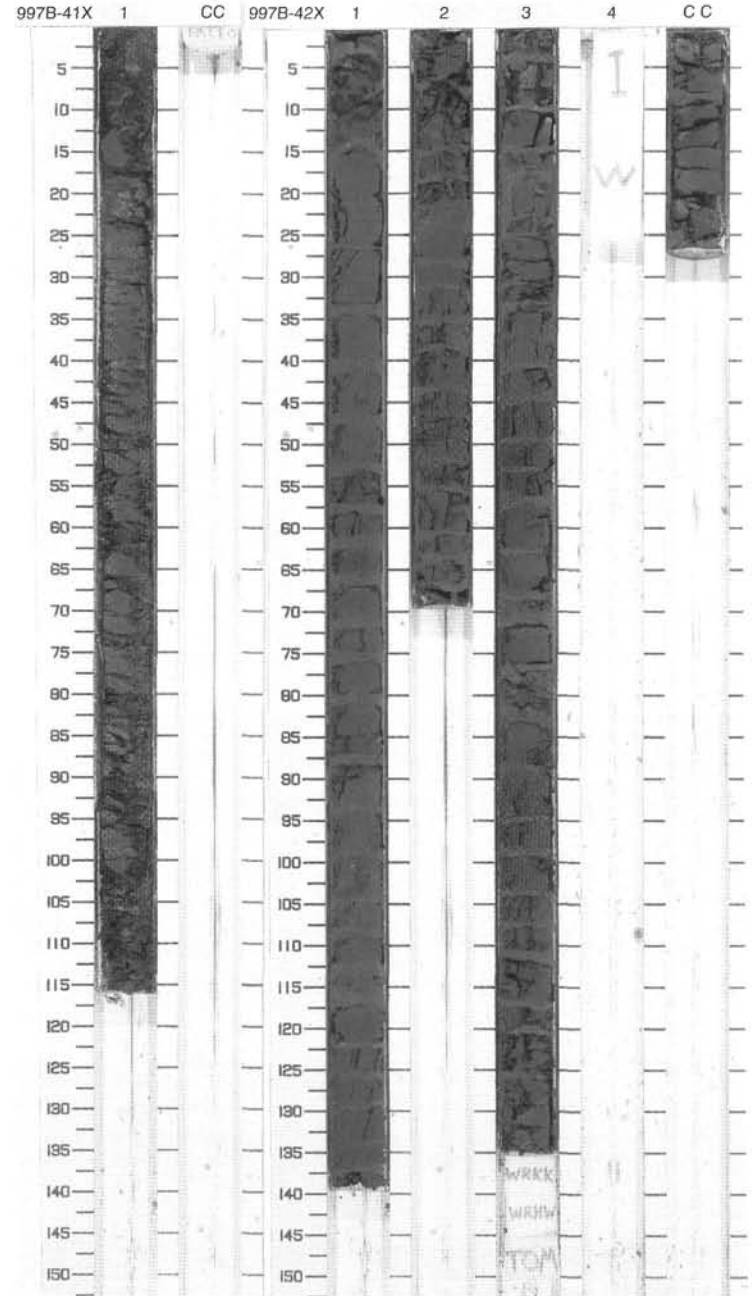


SITE 997 HOLE B CORE 41X CORED 694.0 - 702.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Mio			S	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout. The sediment exhibits very fissile texture.</p>

SITE 997 HOLE B CORE 42X CORED 702.6 - 712.2 mbsf

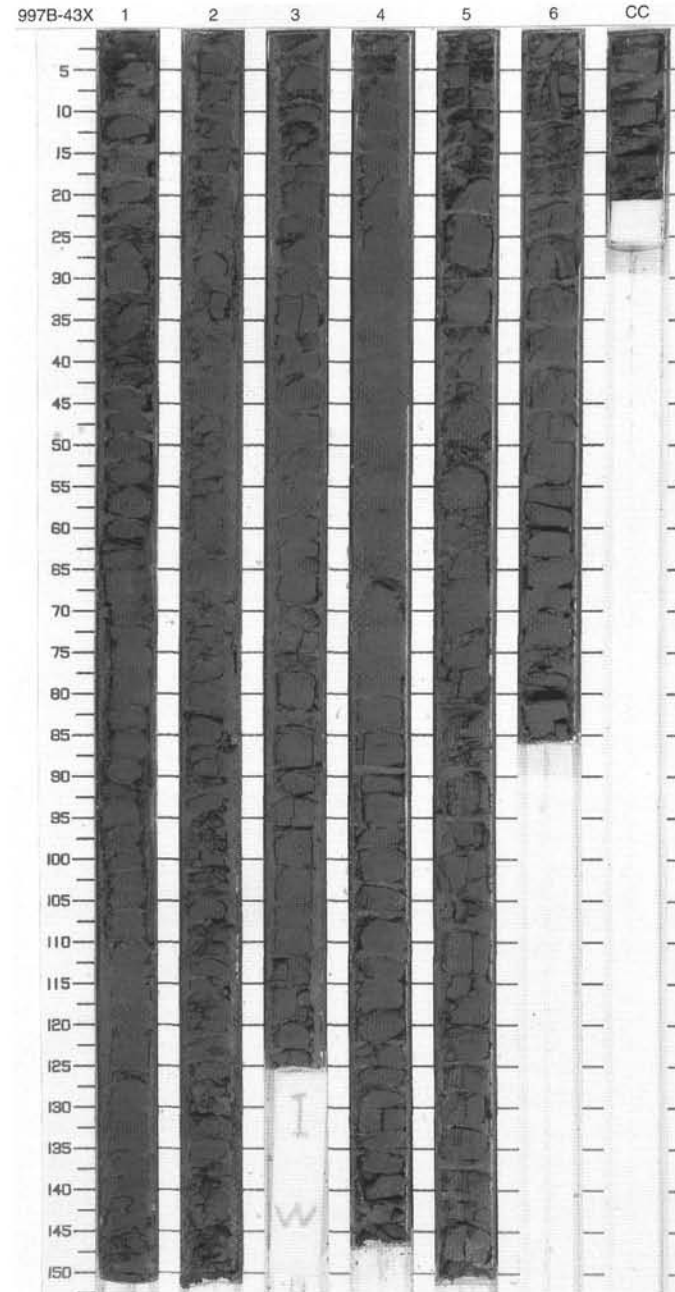
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Miocene			S	5GY 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with slight bioturbation.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2		2						
3		3						
4		4						
CC		CC				I		



SITE 997 HOLE B CORE 43X CORED 712.2 - 721.8 mbsf

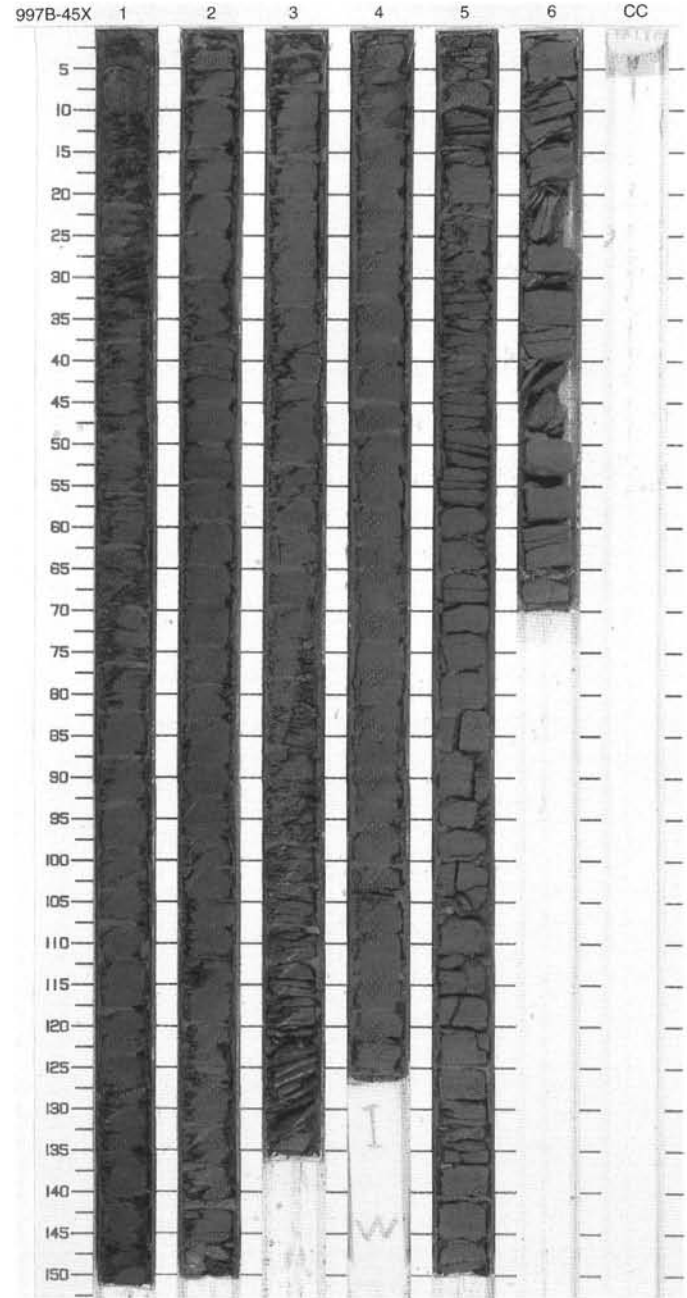
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X pattern]	S	5Y 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark gray to dark greenish gray (5Y 4/1 to 5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE with moderate to intense bioturbation.</p> <p>Minor Lithologies: An 8 mm thick carbonate-silt lens occurs in Section 1, 117 cm. Thin, very dark gray (5Y 3/1) and light greenish gray (5GY 6/1) color laminae and burrows occur from Section 3, 0 cm, to Section 6, 75 cm. The light-colored laminae contain disseminated foraminifer tests.</p> <p>General Description: Drilling biscuits occur throughout.</p>
2	[Dotted pattern]	2						
3	[Dotted pattern]	3						
4	[Dotted pattern]	4						
5	[Dotted pattern]	5						
6	[Dotted pattern]	6						
CC	[Dotted pattern]	CC					5Y 4/1 To 5GY 4/1	

997B-44P NO RECOVERY



SITE 997 HOLE B CORE 45X CORED 722.8 - 731.4 mbsf

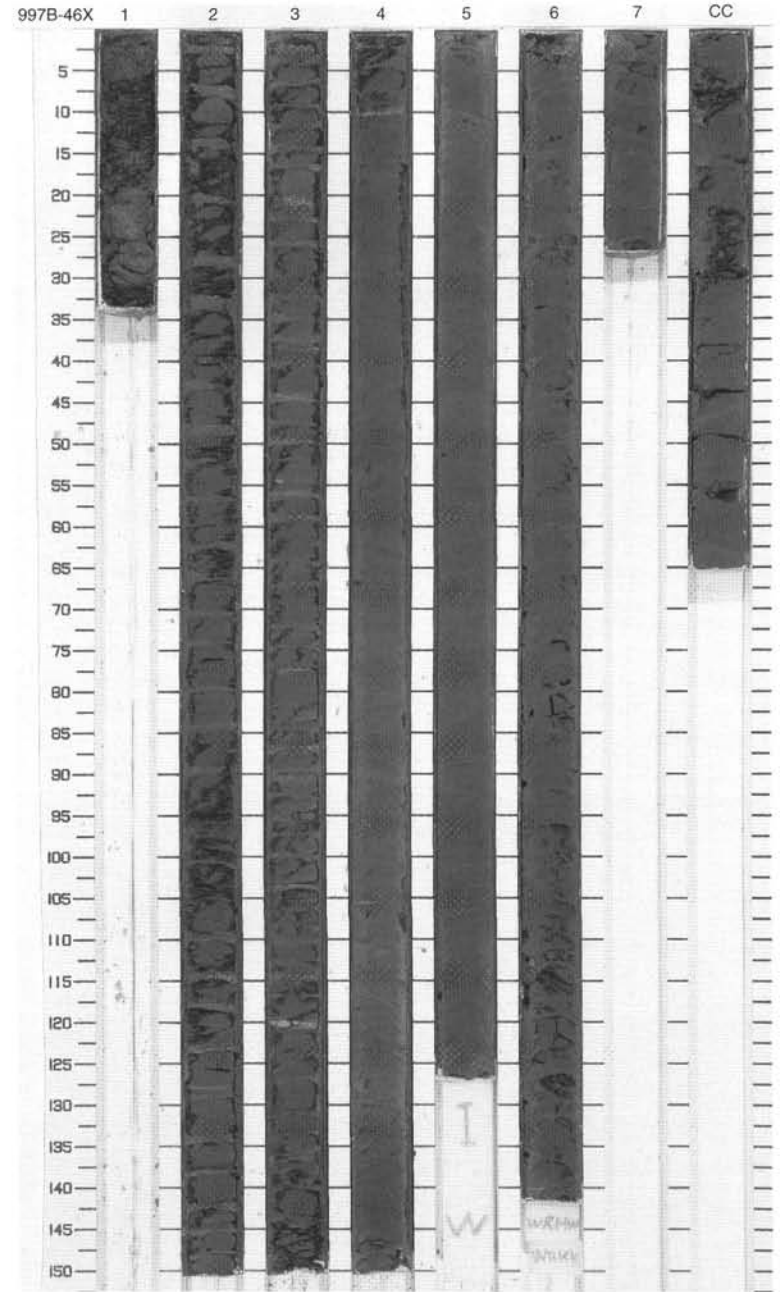
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Vertical lines]	[X pattern]		5Y 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE and CLAYSTONE</p> <p>Major Lithologies: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE in Sections 1 through 4 and CLAYSTONE in Sections 5 and 6 with moderate to intense bioturbation. Thin parallel lamination and a number of small burrows occur in Sections 1 through 6.</p> <p>General Description: Drilling biscuits occur throughout. Some intervals exhibit fissile texture.</p>
2	[Dotted pattern]	2		[Vertical lines]	[X pattern]	S		
3	[Dotted pattern]	3		[Vertical lines]	[X pattern]			
4	[Dotted pattern]	4		[Vertical lines]	[X pattern]			
5	[Dotted pattern]	5		[Vertical lines]	[X pattern]	I		
6	[Dotted pattern]	6		[Vertical lines]	[X pattern]	S		
7	[Dotted pattern]							
8	[Dotted pattern]							
9	[Dotted pattern]							
10	[Dotted pattern]							



SITE 997 HOLE B CORE 46X

CORED 731.4 - 741.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Miocene	[Wavy lines]	[X marks]	S	5Y 4/1	NANNOFOSSIL-BEARING CLAYSTONE
2	[Dotted pattern]	2						Major Lithology: This core consists of dark greenish gray (5GY 4/1 to 5/1) NANNOFOSSIL-BEARING CLAYSTONE with slight to intense bioturbation.
3	[Dotted pattern]	3						Minor Lithologies: Carbonate laminae, 2 to 5 mm thick, occur at Section 2, 127 cm, Section 3, 20, 38, 44, 54, 77 and 104 cm. Lenticular to spherical carbonate nodules, 8 mm to 1 cm in diameter, occur in Section 3, 120 cm, and Section 4, 10 and 106 cm.
4	[Dotted pattern]	4						General Description: Drilling biscuits occur throughout. Some intervals exhibit fissile texture.
5	[Dotted pattern]	5						5Y 5/1 To 5GY 4/1
6	[Dotted pattern]	6						5Y 5/1
7	[Dotted pattern]	7						5Y 5/1
CC	[Dotted pattern]	CC						



SITE 997 HOLE B CORE 47X CORED 741.1 - 750.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0		1	late Miocene				5GY 4/1	<p>NANNOFOSSIL-BEARING CLAYSTONE</p> <p>Major Lithology: This core consists of dark greenish gray (5GY 4/1) NANNOFOSSIL-BEARING CLAYSTONE. Sections 1 through 4 exhibit slight to moderate bioturbation.</p> <p>Minor Lithologies: Carbonate nodules occur in Section 2, 63, 80, 104, 110, and 116 cm, and Section 3, 23 cm. Carbonate laminae occur in Section 2, 45 cm, and Section 3, 15 cm. Faint parallel laminae occur in Section 1, 120-140 cm.</p> <p>General Description: Drilling biscuits commonly occur in this core but Section 4, 80 to 100 cm lacks biscuit structure and fissility.</p>
1		2			S			
2		3						
3		4						
4		5			I			
5		6			S			
6		CC			WW			

