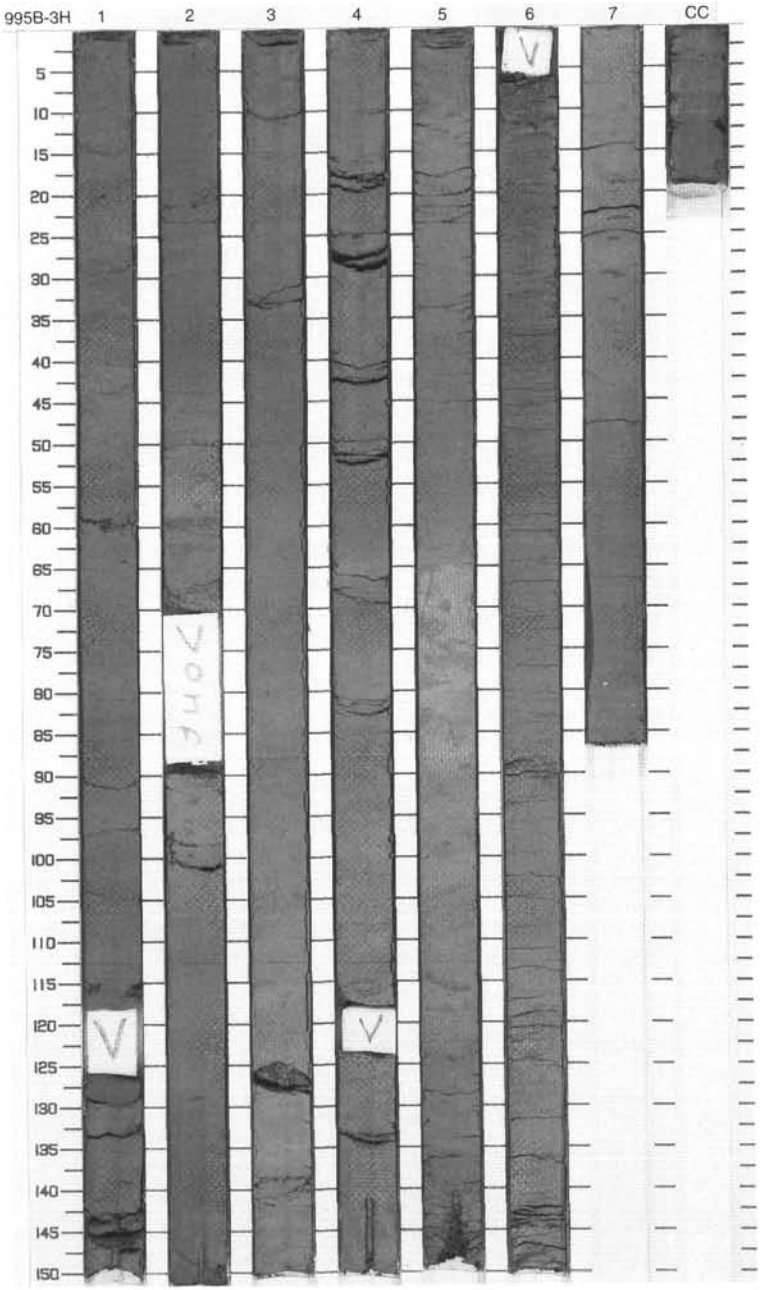
SITE 995 HOLE B CORE 3H CORED 100.0 - 109.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–10	Void	1	early Pleistocene				5G 4/1	DIATOM-BEARING NANNOFOSSIL-BEARING CLAY Major Lithology: This core consists of slight to intensely bioturbated, dark greenish gray to greenish gray (5G 4/1 to 5/1, rarely 5G 6/1, and 5GY 4/1 to 5/1) DIATOM-BEARING NANNOFOSSIL-BEARING CLAY. General Description: Voids created by gas expansion occur in Sections 1, 2, 4 and 6.
		2					5G 5/1	
		3					5G 4/1	
							5G 5/1	
		4					5GY 4/1	
							5GY 5/1	
		5					5GY 4/1	
							5G 6/1	
		6					5G 5/1	
		7					5G 5/1 To 5GY 4/1	
		CC						

995B-4W NO RECOVERY



SITE 995 HOLE B CORE 5X CORED 235.0 - 244.6 mbsf

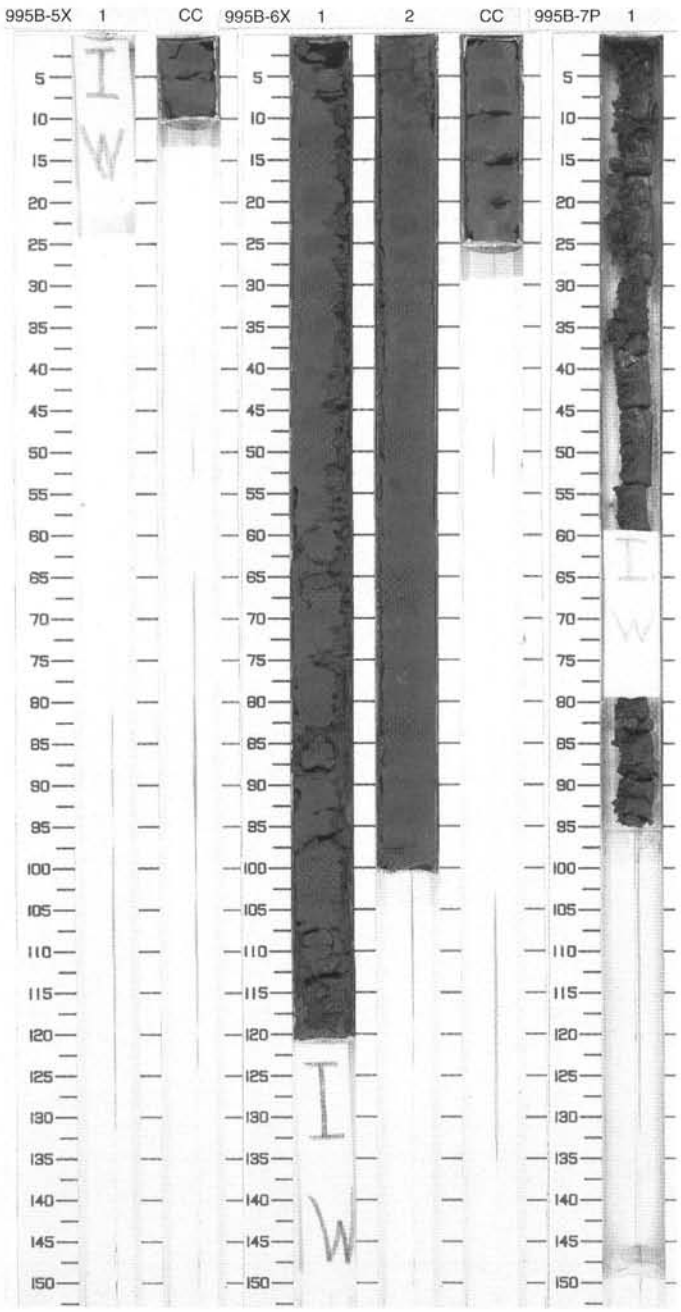
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1 CC				I		NANNOFOSSIL-BEARING CLAY Major Lithology: This core consists of greenish-gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY.

SITE 995 HOLE B CORE 6X CORED 244.6 - 254.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2		1 2 CC	late Pliocene			S I	5GY 5/1	NANNOFOSSIL-BEARING CLAYSTONE Major Lithology: This core consists of homogeneous to slightly bioturbated greenish gray (5GY 5/1) NANNOFOSSIL-BEARING CLAY. General Description: Drilling biscuits occur throughout.

SITE 995 HOLE B CORE 7P CORED 308.5 - 309.5 mbsf

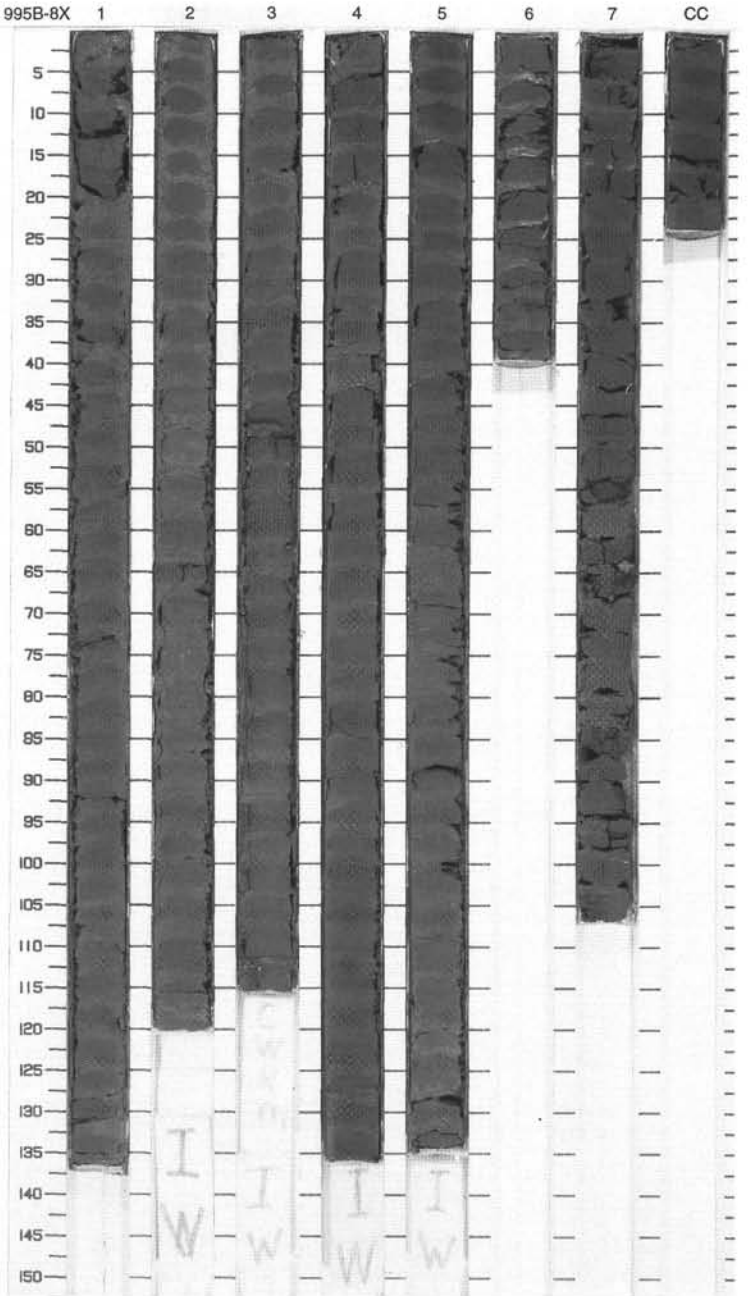
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Plio			I	5GY 4/1	NANNOFOSSIL CLAY Major Lithology: This core consists of dark greenish-gray (5GY 4/1) NANNOFOSSIL CLAY.



SITE 995 HOLE B CORE 8X CORED 309.5 - 314.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene				5G 4/1	NANNOFOSSIL-RICH CLAY Major Lithology: This core consists of moderately bioturbated, dark greenish-gray (5GY 4/1) and greenish gray (5GY 5/1) NANNOFOSSIL-RICH CLAY. General Description: Drilling biscuits occur throughout. Section 7 self-extruded onto the drilling floor causing original orientation and stratigraphic order to be lost.
		2				S	5G 5/1	
		3				I	5GY 4/1	
		4				I W	5G 5/1	
		5				I S	5G 4/1	
		6				I		
		7			W W W W			
		CC			X			

995B-9X NO RECOVERY

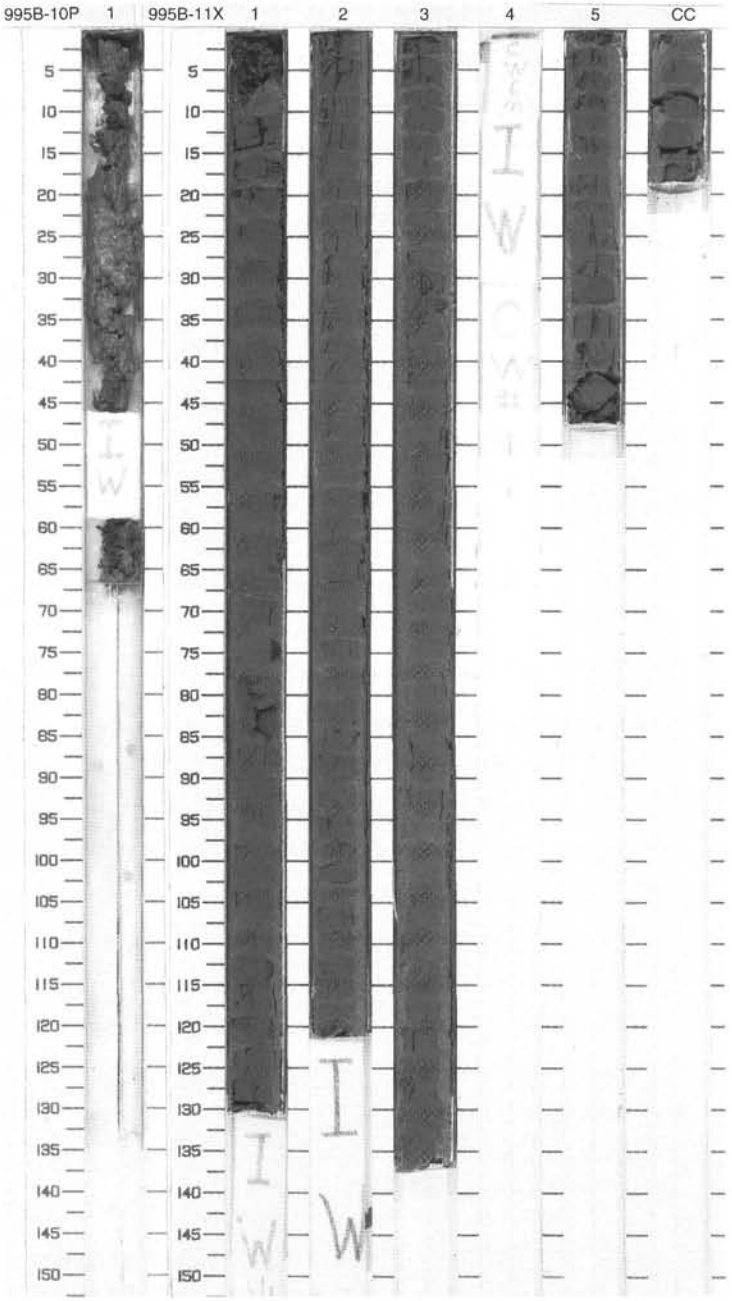


SITE 995 HOLE B CORE 10P CORED 319.1 - 320.1 mbsf

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

SITE 995 HOLE B CORE 11X CORED 410.0 - 417.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4 5		1 2 3 4 5 CC	early Pliocene			I S I S S W W	5GY 4/1	NANNOFOSSIL-RICH CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1), moderately bioturbated NANNOFOSSIL-RICH CLAYSTONE. General Description: Drilling biscuits occur throughout. High-angle to vertical fractures occur in some intervals.



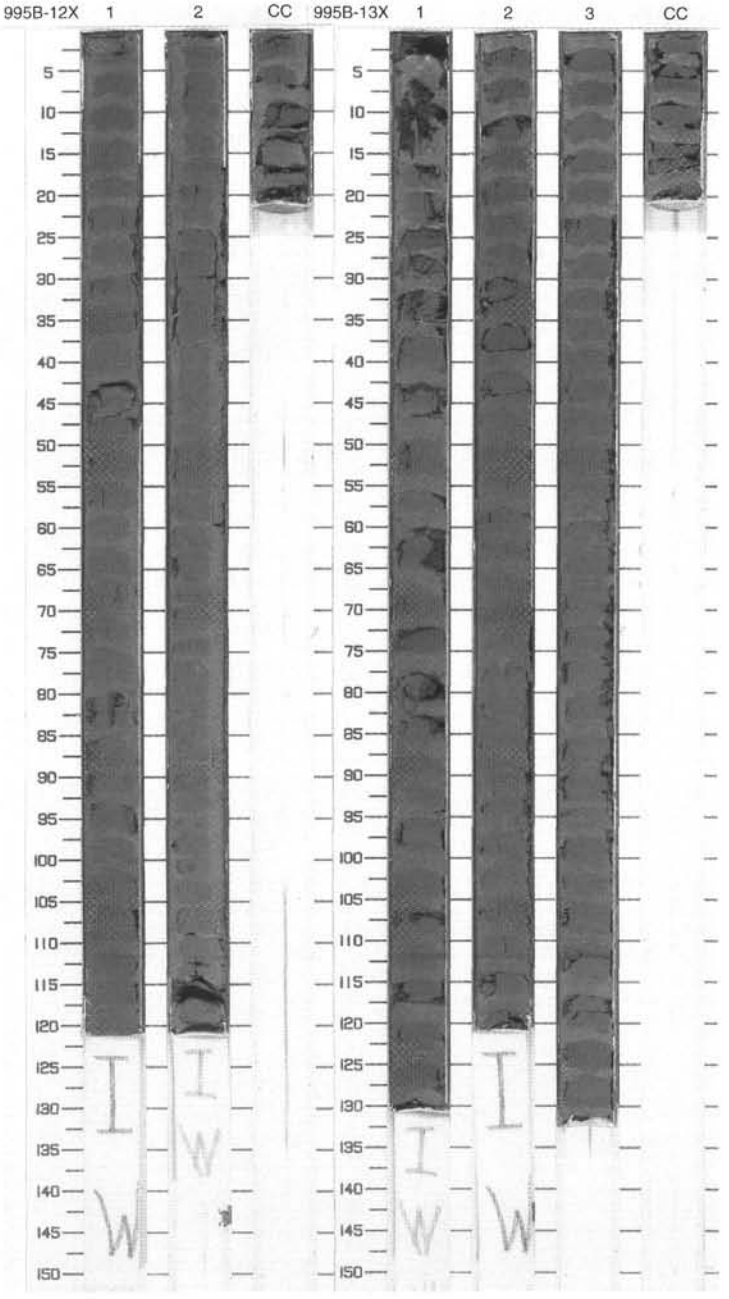
SITE 995 HOLE B CORE 12X CORED 417.8 - 427.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3		1 2 CC	early Pliocene			I S I	5GY 4/1	NANNOFOSSIL-RICH CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1), moderately bioturbated NANNOFOSSIL-RICH CLAYSTONE. General Description: Drilling biscuits occur throughout.

SITE 995 HOLE B CORE 13X CORED 427.4 - 437.0 mbsf

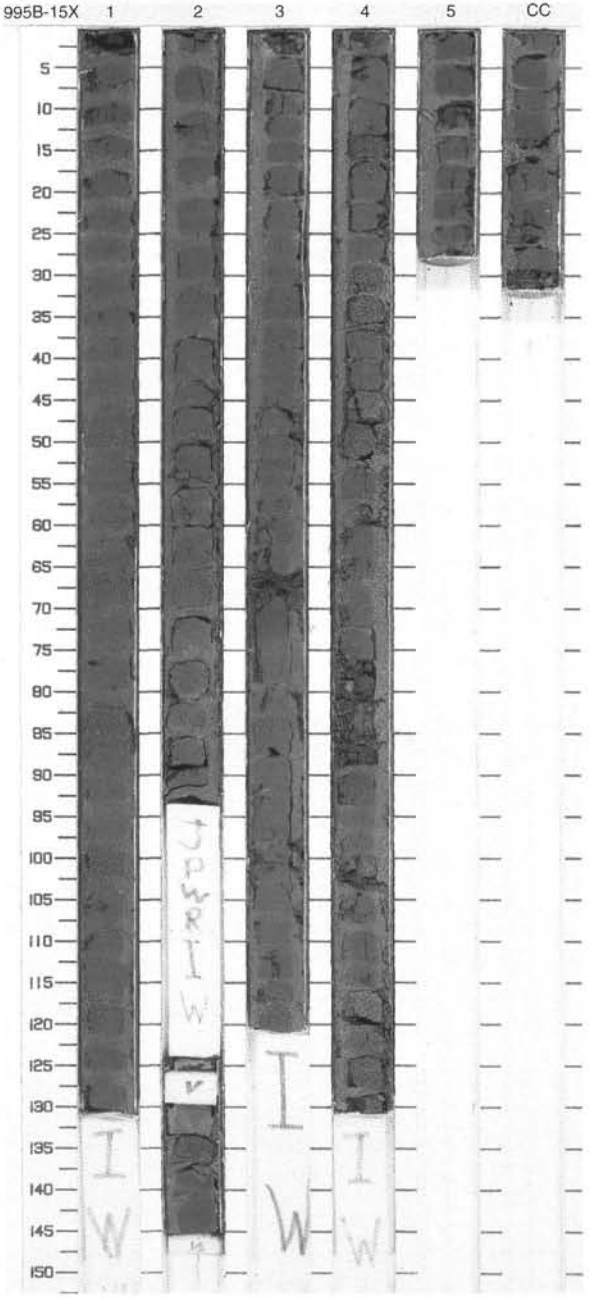
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4		1 2 3 CC	early Pliocene			I S I	5GY 4/1	NANNOFOSSIL-RICH CLAYSTONE Major Lithology: This core consists of dark greenish gray (5GY 4/1), moderately bioturbated NANNOFOSSIL-RICH CLAYSTONE. General Description: Drilling biscuits occur throughout. High-angle to vertical fractures occur in some intervals. The sediment has fissle texture.

995B-14X NO RECOVERY



SITE 995 HOLE B CORE 15X CORED 446.6 - 456.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4 5 6		1 2 3 4 5 CC	early Pliocene			I S I I I	W 5GY 5/1	NANNOFOSSIL-BEARING CLAYSTONE Major Lithology: This core consists of greenish gray (5GY 5/1), slightly bioturbated NANNOFOSSIL-BEARING CLAYSTONE. General Description: Drilling biscuits occur throughout.

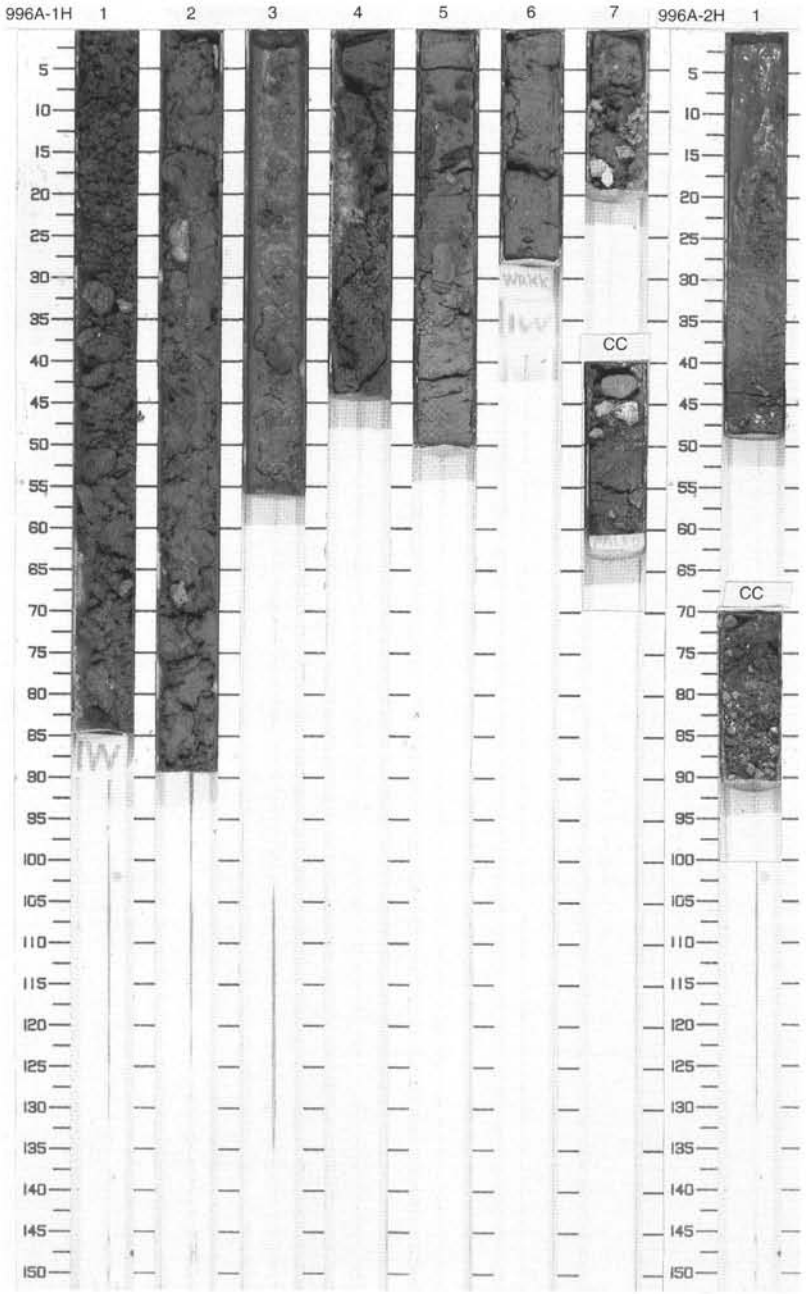


SITE 996 HOLE A CORE 1H COLLECTED 0.0 - 8.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4		1 2 3 4 5 6 7 CC	late Pleistocene			S I S D C S I W S	5G 5/1	NANNOFOSSIL-RICH ARAGONITIC CLAYEY SILT and NANNOFOSSIL-RICH CLAY Major Lithologies: This core consists of greenish gray (5G 4/1 to 5/1) NANNOFOSSIL-RICH ARAGONITIC CLAYEY SILT in Sections 1 and 2, and NANNOFOSSIL-RICH CLAY in Sections 3 through CC. Carbonate nodules (as much as 5 cm in diameter) and bivalve shell fragments are abundant throughout. Aragonite occurs as silt-sized needles which dominate the matrix of Sections 1 and 2, but decrease in abundance downcore.

SITE 996 HOLE A CORE 2H COLLECTED 8.5 - 9.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1 CC	late Pleistocene		○ ×	DC M D C	5BG 4/1	NANNOFOSSIL-RICH CLAY Major Lithology: This core consists of dark greenish gray (5BG 4/1) NANNOFOSSIL-RICH CLAY. Large bivalve shell fragments occur in Sections 1, 45 cm, and CC, and smaller shell fragments are disseminated throughout the core. Small carbonate concretions as much as 1 cm in diameter occur in Section CC.



SITE 996 HOLE A CORE 3X — CORED 9.5 - 19.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	late Ple			S DC I W	5GY 4/1 To 5GY 6/1	NANNOFOSSIL-RICH CALCAREOUS CLAYEY SILT
		CC						

Major Lithology:
This core consists of greenish gray (5GY 6/1) to dark greenish gray (5GY 4/1) NANNOFOSSIL-RICH CALCAREOUS CLAYEY SILT. Bivalve shell fragments occur in Sections 1, 35 cm, and CC, 8 cm. Silt-sized grains of inorganic carbonate comprise 25 % of the sediment.

SITE 996 HOLE A CORE 4X — CORED 19.0 - 28.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						CARBONATE NODULE

Major Lithology:
This core consists of a single gray (5Y 6/1) CARBONATE NODULE, which is 5 cm in diameter and is composed of bivalve shells cemented by carbonate.

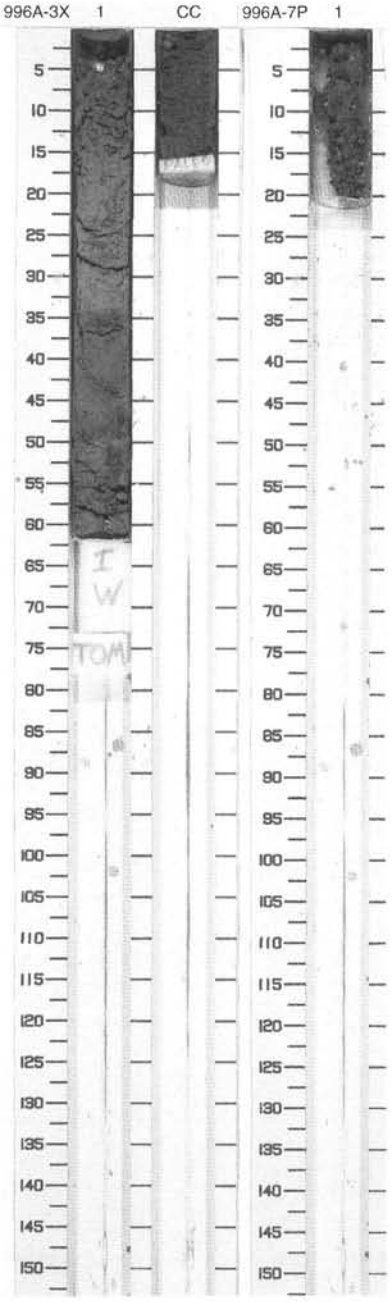
General Description:
Numerous large mussel shell fragments plus portions of the internal tissues of the mussel were also recovered in this core. These remains appear to be portions of a living mussel that somehow was transported down the dril hole during drilling operations and entrained in the core barrel.

996A-5X NO RECOVERY
996A-6X NO RECOVERY

SITE 996 HOLE A CORE 7P — CORED 47.5 - 48.5 mbsf

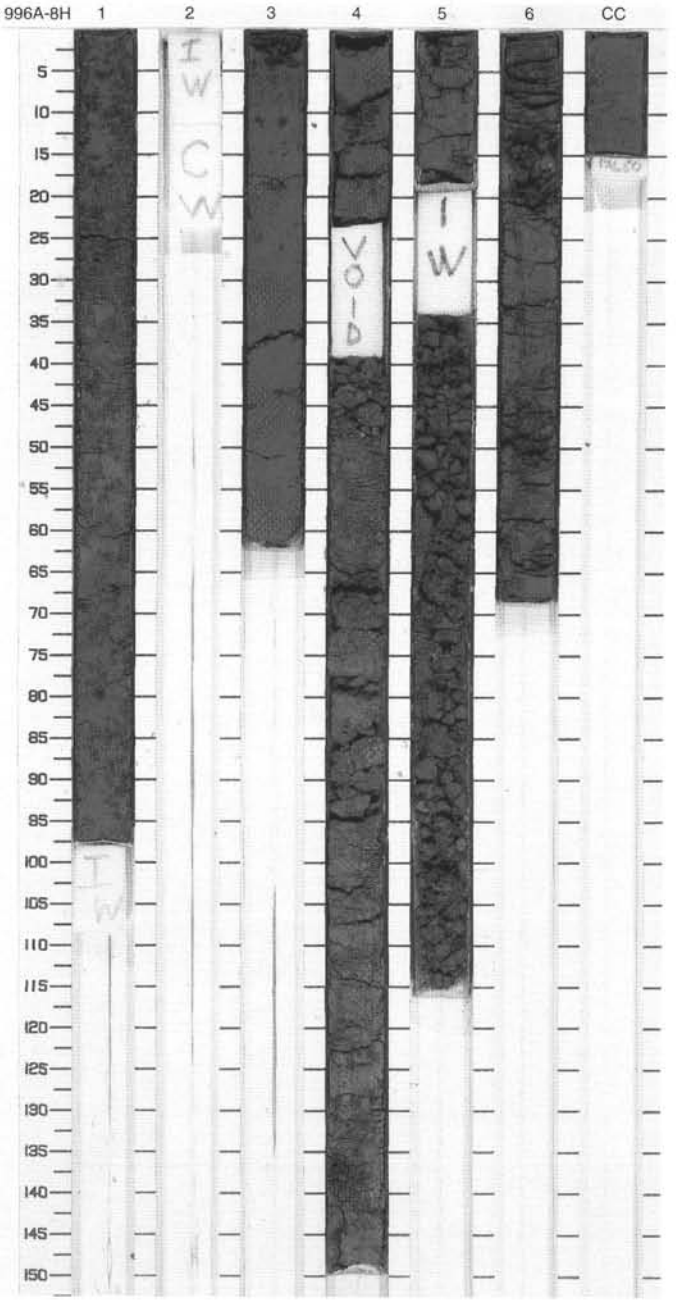
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1						NANNOFOSSIL-RICH CLAY

Major Lithology:
This core consists of greenish gray (5GY 5/1) NANNOFOSSIL-RICH CLAY with abundant disseminated small shell fragments.



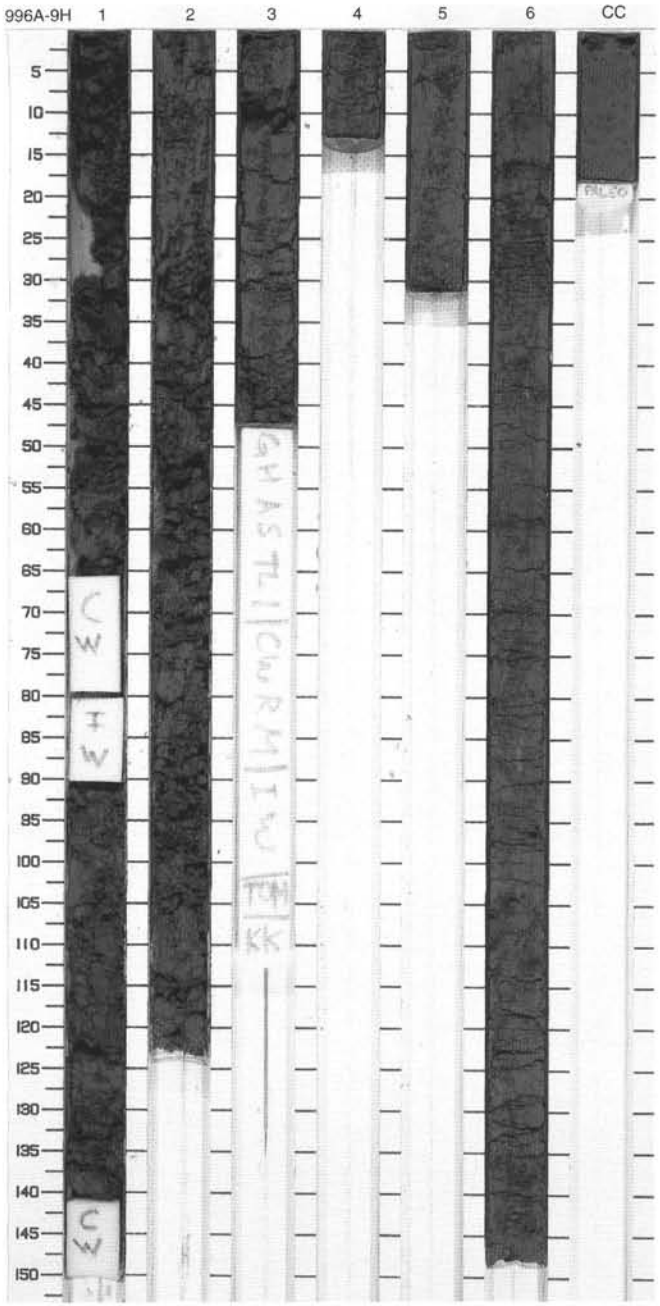
SITE 996 HOLE A CORE 8H CORED 48.5 - 58.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4 5		1 2 3 4 5 6 CC	late Pleistocene early Pleistocene		WWWWW	S DC I I W S DC S I M	5GY 5/1	NANNOFOSSIL-RICH FORAMINIFER-RICH CLAY and FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY Major Lithologies: This core consists of homogenous greenish-gray (5GY 5/1) NANNOFOSSIL-RICH FORAMINIFER-RICH CLAY and FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. General Description: The surfaces of Sections 1, 4, and 6 contain numerous, closely spaced, crenulated small cracks. Section 5, 35-117 cm, is completely disrupted.



SITE 996 HOLE A CORE 9H CORED 58.0 - 63.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pleistocene		WWWWWWWWWWWWWW	I W	5GY 5/1 To 5G 5/1	FORAMINIFER-RICH SILTY CLAY Major Lithology: This core consists of greenish gray (5GY 5/1 to 5G 5/1) to dark greenish gray (5GY 4/1) FORAMINIFER-RICH SILTY CLAY. General Description: Sections 1 and 2 were completely disrupted by hydrate sampling. Original orientation, stratigraphic order and structure have been lost.
2		2				W		
						S DC		
3		3				W		
						I W		
						W		
4		4					5GY 5/1	
		5						
5		6				S DC	5GY 5/1 To 5GY 4/1	
		CC				M		



SITE 996 HOLE B CORE 1H CORED 0.0 - 3.4 mbsf

Description

NANNOFOSSIL-BEARING ARAGONITIC SILTY CLAY, FORAMINIFER-BEARING NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-BEARING CLAY

Major Lithologies:
Sections 1 and 2 consist of greenish gray to gray (5GY 5/1 to 5Y 5/1) NANNOFOSSIL-BEARING ARAGONITIC SILTY CLAY, with abundant bivalve shell fragments disseminated throughout. Needle-shaped, silt-sized aragonite grains are dispersed throughout. Sections 3 through CC consist of homogeneous, greenish gray (5GY 5/1 to 5GY 6/1) NANNOFOSSIL-BEARING CLAY and FORAMINIFER-BEARING NANNOFOSSIL-BEARING CLAY with shell fragments disseminated throughout.

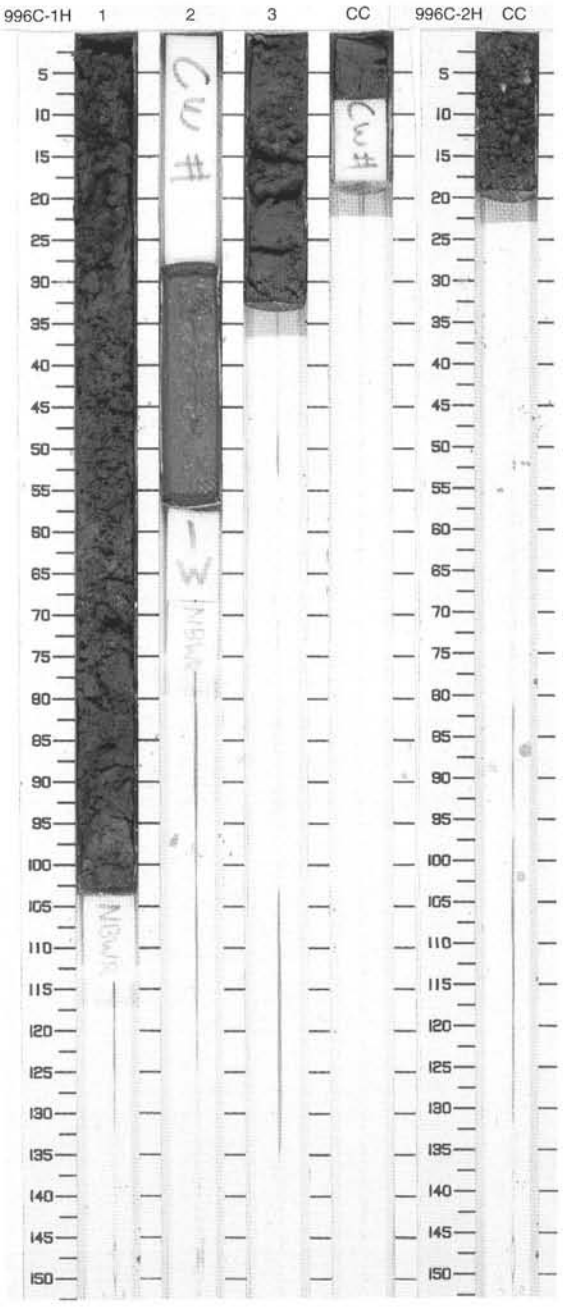
General Description:
Sections 1 and 2 self-extruded onto drilling floor because of gas expansion. All orientation, structure and stratigraphic order have been lost.

SITE 996 HOLE C CORE 1H — CORED 0.0 - 2.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1, 2		1, 2, 3, CC	late Pleistocene			S D C, W, S I W, S D C W	5Y 5/3, 5Y 6/1, 5Y 4/1	NANNOFOSSIL-BEARING ARAGONITIC SILTY CLAY, NANNOFOSSIL-BEARING ARAGONITIC CLAYEY SILT and NANNOFOSSIL-BEARING SILTY CLAY Major Lithologies: This core consists of olive (5Y 5/3) NANNOFOSSIL-BEARING ARAGONITIC SILTY CLAY in Section 1, 0-90cm, gray (5Y 6/1) NANNOFOSSIL-BEARING ARAGONITIC CLAYEY SILT in Section 2, and dark gray (5Y 4/1 to N4) to gray (5Y 5/1 to N5) NANNOFOSSIL-BEARING SILTY CLAY in Sections 3 and CC. Carbonate nodules composed of shell fragments cemented by aragonite occur in Section 1. Shell fragments are abundant throughout.

SITE 996 HOLE C CORE 2H — CORED 2.4 - 2.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						NANNOFOSSIL-BEARING ARAGONITIC SILTY CLAY Major Lithology: This core consists of greenish gray to dark greenish gray (5GY 5/1 to 4/1) NANNOFOSSIL-BEARING ARAGONITIC SILTY CLAY. Small carbonate nodules (as much as 1 cm in diameter) are common.



SITE 996 HOLE D CORE 1H CORED 0.0 - 3.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC		©		I W	5Y 7/1	BIOCALCIRUDITE

Major Lithology:
The sediment from 0-40 cm in Section CC was used for IW samples, thus the lithology is uncertain. The remainder of this core consists of a single 5 x 5 cm, light gray to greenish gray (5Y 7/1 to 5GY 5/1) carbonate nodule of BIOCALCIRUDITE, which is composed predominantly of biogenic shell fragments and less abundant non-biogenic intraclasts, all bonded by aragonite cement.

SITE 996 HOLE D CORE 2X CORED 3.5 - 13.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						SHELL FRAGMENTS and CARBONATE CONCRETION

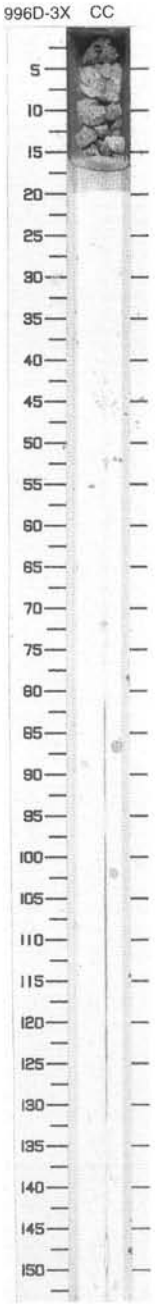
Major Lithologies:
This core consists of shell fragments as much as 1 cm in diameter, and a carbonate concretion.

SITE 996 HOLE D CORE 3X CORED 13.0 - 22.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						ARAGONITIC CALCIRUDITE

Major Lithology:
This core consists of gray to greenish gray (N5 to 5GY 5/1) CALCIRUDITE, which is composed predominantly of non-biogenic intraclasts of lithified calcareous silty clay and less abundant biogenic shell fragments, all bonded by aragonite cement.

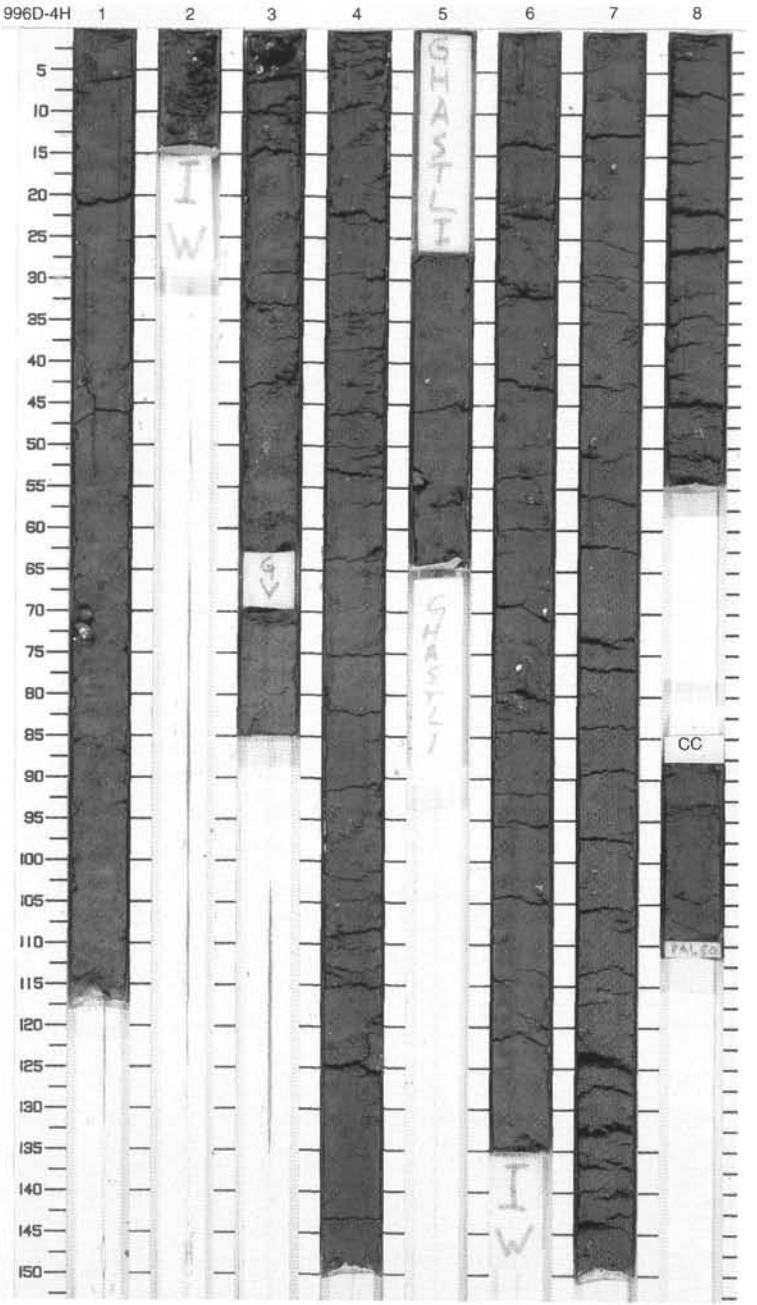
General Description:
The core was broken into numerous fragments.



SITE 996 HOLE D CORE 4H

CORED 22.6 - 32.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8		1, 2, 3, 4, 5, 6, 7, 8, CC	late Pleistocene			I, W, W, I	N5 To N4	NANNOFOSSIL-RICH CLAY Major Lithology: This core consists of gray to dark gray (N5 to N4) NANNOFOSSIL-RICH CLAY with moderate to intense bioturbation. Light gray carbonate nodules as much as 3 cm in diameter occur in Sections 1, 40-50 cm and 3, 50 cm.



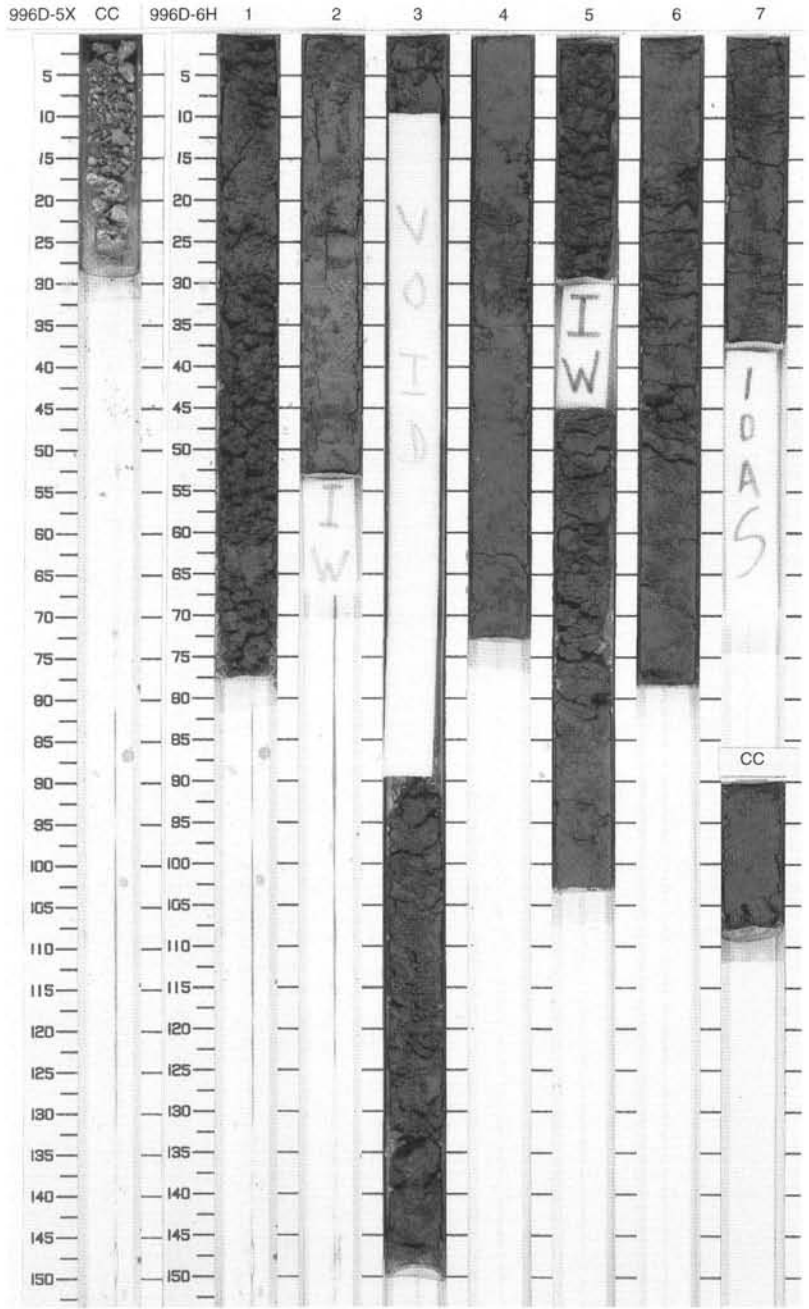
SITE 996 HOLE D CORE 5X CORED 32.1 - 41.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	early Pleistocene		W	T T		CALCIRUDITE Major Lithology: This core consists of light gray (5Y 7/1) carbonate nodules (as much as 4 cm in diameter) of CALCIRUDITE, which is composed of predominantly non-biogenic intraclasts of calcareous claystone and lesser abundant bioclasts.

SITE 996 HOLE D CORE 6H CORED 41.7 - 51.2 mbsf

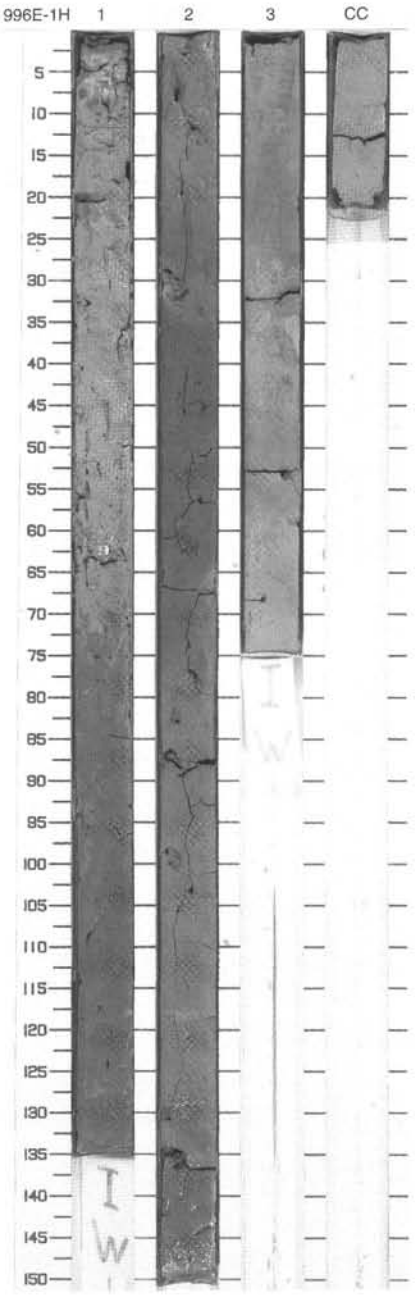
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4 5 6	Void	1 2 3 4 5 6 7 CC	early Pleistocene		W W W W	I I W	5GY 4/1 5GY 5/1 5GY 5/1 To 5Y 4/2	DIATOM-RICH NANNOFOSSIL-RICH CLAY Major Lithology: *This core consists of dark greenish* gray (5GY 4/1), greenish gray (5 GY 5/1) and olive gray (5Y 4/2) DIATOM-RICH NANNOFOSSIL-RICH CLAY. General Description: Section 1 contained abundant gas hydrates and was severely disturbed by sampling.

996D-7P NO RECOVERY



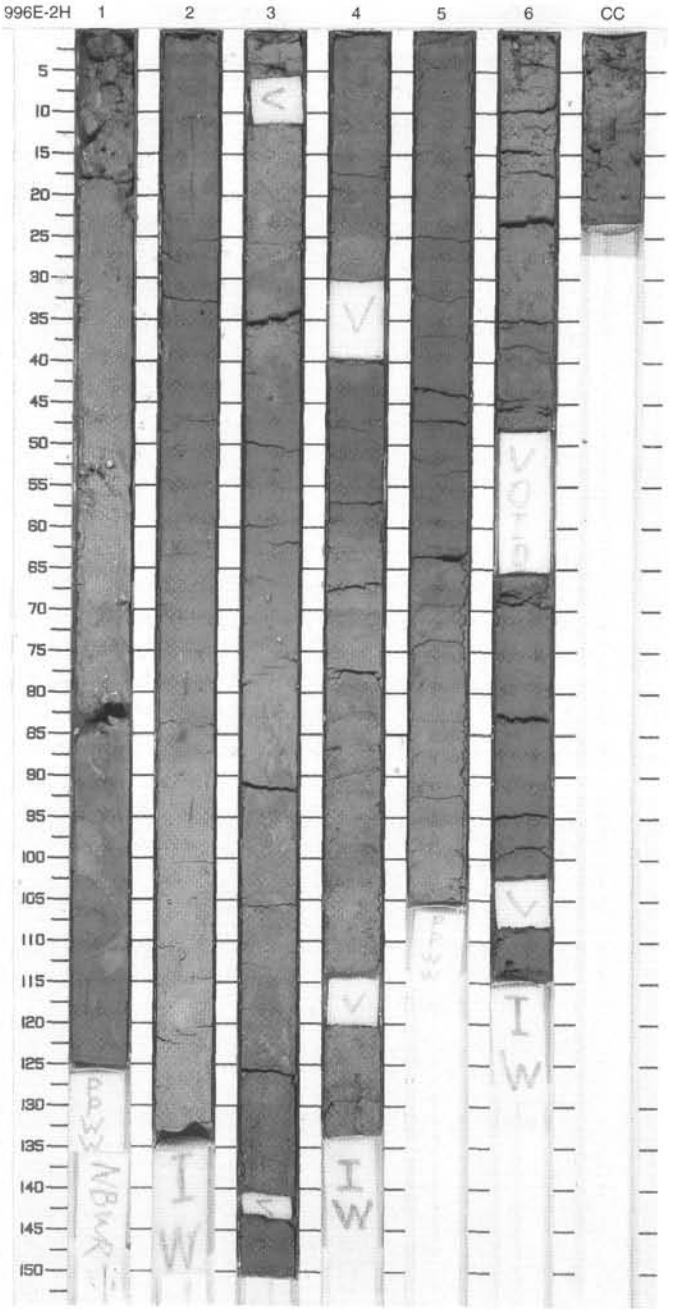
SITE 996 HOLE E CORE 1H CORED 0.0 - 4.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pleistocene			S	5Y 6/1	NANNOFOSSIL-BEARING SILTY CLAY Major Lithology: This core consists of greenish gray to gray (5Y 5/1 to 5GY 6/1) NANNOFOSSIL-BEARING SILTY CLAY. Minor Lithology: Section 1, 0-7 cm, consists of brown to pale brown (10YR 5/3 to 10YR 6/3) NANNOFOSSIL-BEARING SILTY CLAY.
							5Y 5/1	
2		2				I S	5GY 5/1 To 5Y 5/1	
							5GY 5/1	
3		3						
						I	5GY 6/1	
4		CC						



SITE 996 HOLE E CORE 2H CORED 4.1 - 13.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pleistocene			S	5Y 6/1	NANNOFOSSIL-BEARING SILTY CLAY and CLAY CONGLOMERATE Major Lithologies: This core consists predominantly of greenish gray to gray (5GY 5/1 to 5Y 6/1) NANNOFOSSIL-BEARING SILTY CLAY. Section 1, 81-125 cm, and Section 3, 10-73 cm, are CLAY CONGLOMERATES with contorted and steeply dipping beds and mud clasts of variegated shades of greenish gray to gray (5GY 5/1 to 5Y 6/1).
2						W W	5Y 5/1 To 5Y 6/1	
						S	5GY 5/1	
3		2				I	5GY 6/1 To 5Y 6/1	
		3					5Y 5/1 To 5Y 6/1	
4		4					5Y 5/1	
5						S	5GY 5/1	
		5				I		
6						S		
7	Void	6				W	5Y 5/1	
8		CC				I		

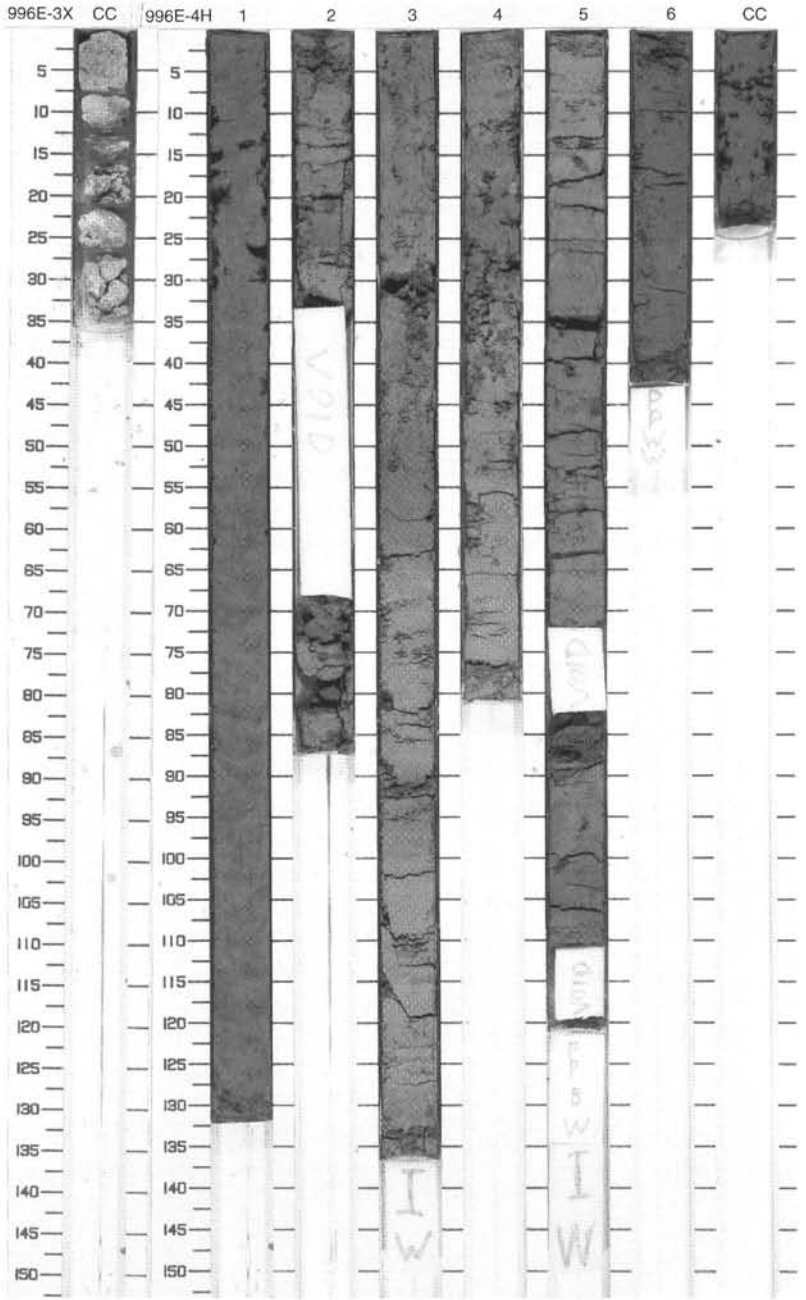


SITE 996 HOLE E CORE 3X CORED 13.6 - 23.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	early Pleistocene		X			BIOCALCIRUDITE Major Lithology: This core consists of light greenish gray to light gray (5GY 7/1 to N7) BIOCALCIRUDITE, which is composed predominantly of bioclasts of shell fragments and lesser abundant non-biogenic intraclasts of gray (5GY 5/1) calcareous claystone, all bonded by aragonite cement. General Description: The core was broken into four large blocks and numerous small fragments by drilling disturbance.

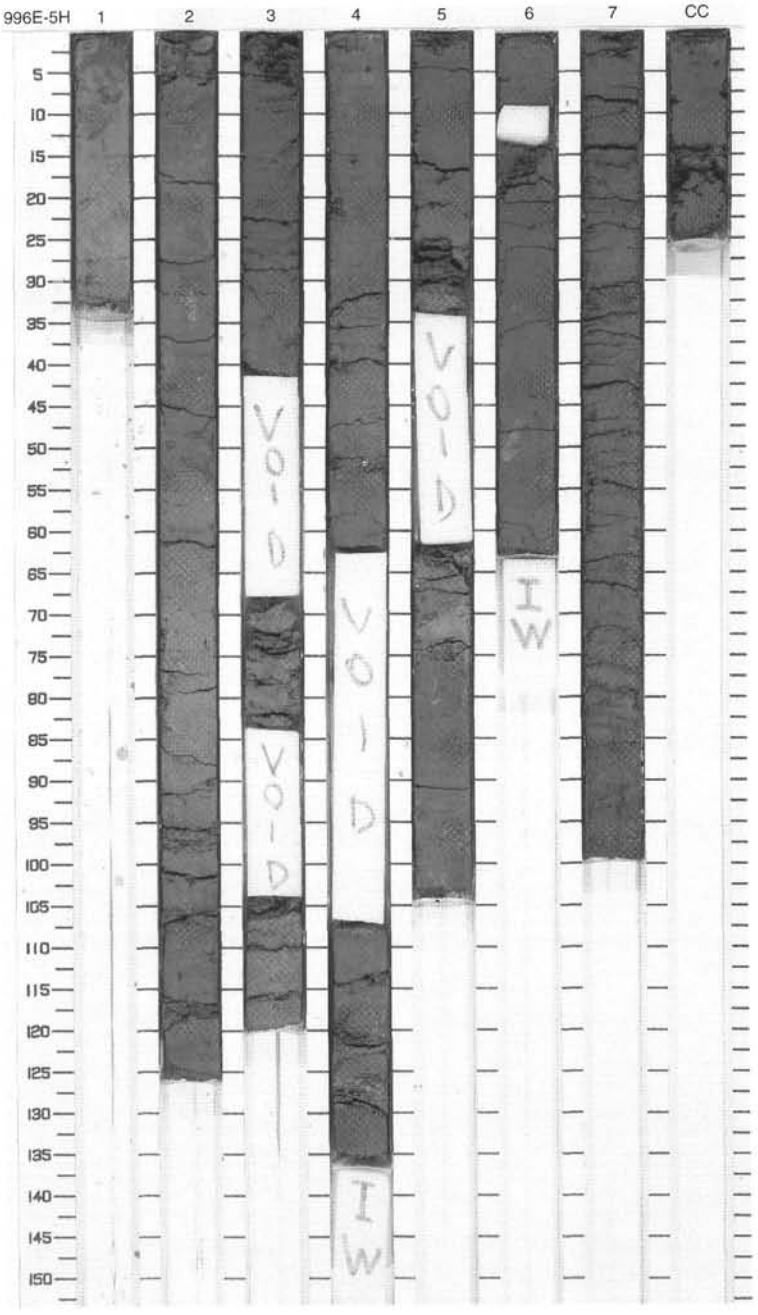
SITE 996 HOLE E CORE 4H CORED 23.2 - 32.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pleistocene		WWWWWW		5GY 5/1 To 5Y 5/1	SILTY CLAY and NANNOFOSSIL-BEARING SILTY CLAY Major Lithologies: This core consists of greenish gray to gray (5GY 5/1 to 5G 6/1) SILTY CLAY in Sections 1 through 3 and NANNOFOSSIL-BEARING SILTY CLAY in Sections 4 through CC. General Description: Section 1 self-extruded onto the drill floor because of gas expansion. Orientation and stratigraphic order have been lost.
2	Void	2				S	5GY 5/1 To 5GY 6/1	
3		3						
4		4				I	5GY 6/1 To 5Y 2/1	
5		5				S	5G 6/1	
6		6				I W	5GY 5/1	
		CC				W		



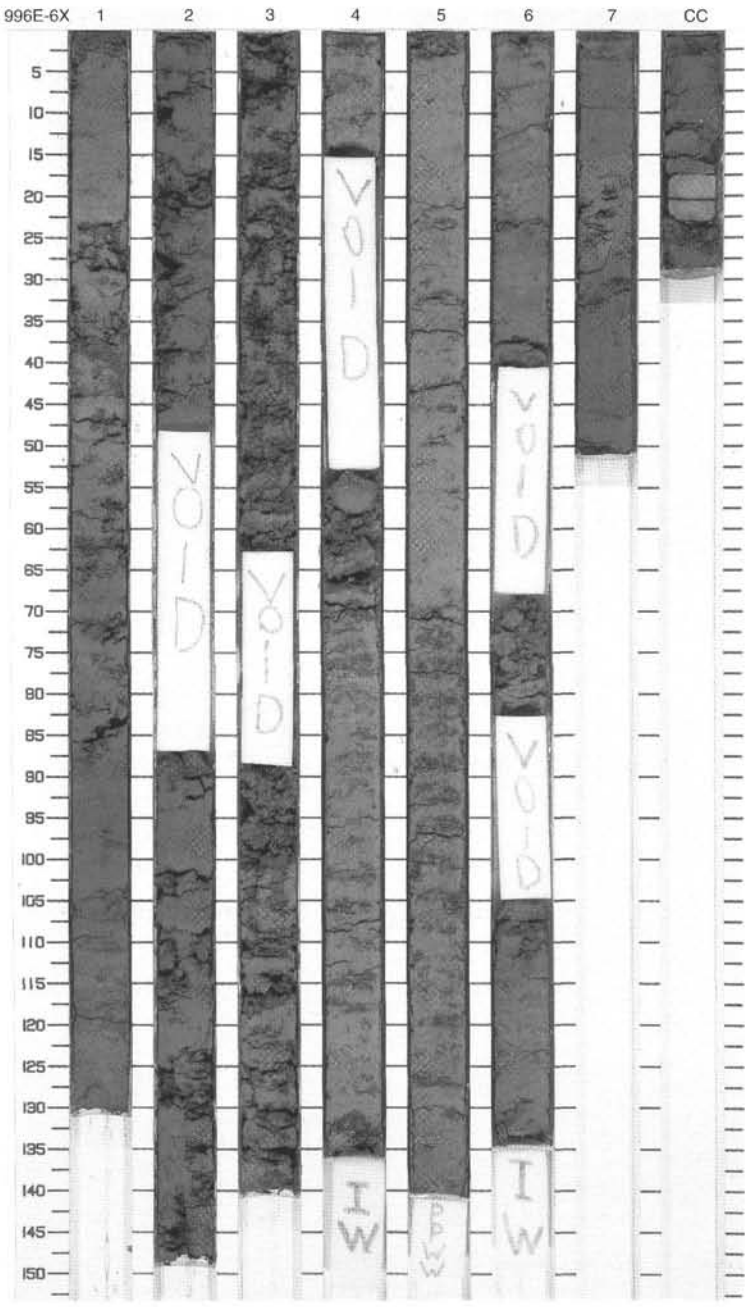
SITE 996 HOLE E CORE 5H CORED 32.7 - 42.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pleistocene				5GY 5/1 To 5Y 6/1	NANNOFOSSIL-BEARING SILTY CLAY Major Lithology: This core consists of greenish gray to gray (5GY 5/1 to 5Y 6/1) NANNOFOSSIL-BEARING SILTY CLAY. Minor Lithologies: A 5-cm thick, normally graded bed of olive gray (5Y 6/3) FORAMINIFER-BEARING CLAY occurs in Section 5, 70 cm. Light gray (5Y 6/1) irregular patches or blebs of quartz silt up to 8 mm thick occur in Section1, 42, 56, and 78 cm.
		2				S		
2	Void	3						
	Void							
3								
	Void	4				I	5GY 5/1	
4								
	Void	5				S		
5								
		6				I W		
6								
		7				S	5Y 5/1	
7								
		CC					5GY 5/1	



SITE 996 HOLE E CORE 6X CORED 42.2 - 51.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pleistocene			S	5GY 5/1	DIATOM-RICH NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY Major Lithologies: This core consists of greenish gray (5GY 5/1) DIATOM-RICH NANNOFOSSIL-RICH CLAY in Sections 1 through 3, and NANNOFOSSIL-BEARING CLAY in Sections 3 through CC. Minor Lithology: A bed or nodule of light greenish gray (5GY 7/1) CALCIRUDITE occurs in Section CC, 11-22 cm.
2	Void	2				S		
3	Void	3				S		
4	Void					S		
5		4						
6						I		
		5				S		
7						W		
8	Void	6						
	Void					I		
9		7						
		CC						



SITE 996 HOLE E CORE 7H CORED 51.8 - 61.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–7	Void; Void	1, 2, 3, 4, 5, 6, 7, CC	early Pleistocene		W W W W W W	S; I; S S; W; I; S; W	5GY 5/1; 5GY 4/1; 5GY 5/1 To 5GY 4/1; 5GY 4/1	NANNOFOSSIL-BEARING SILTY CLAY Major Lithology: This core consists of greenish gray (5GY 4/1 to 5GY 5/1) NANNOFOSSIL-BEARING SILTY CLAY. Minor Lithology: Section 6 consists of greenish gray (5GY 4/1) NANNOFOSSIL-RICH SILTY CLAY. General Description: Section 1 self-extruded onto the rig floor because of gas expansion. Orientation and stratigraphic order have been lost.

996E-8P NO RECOVERY