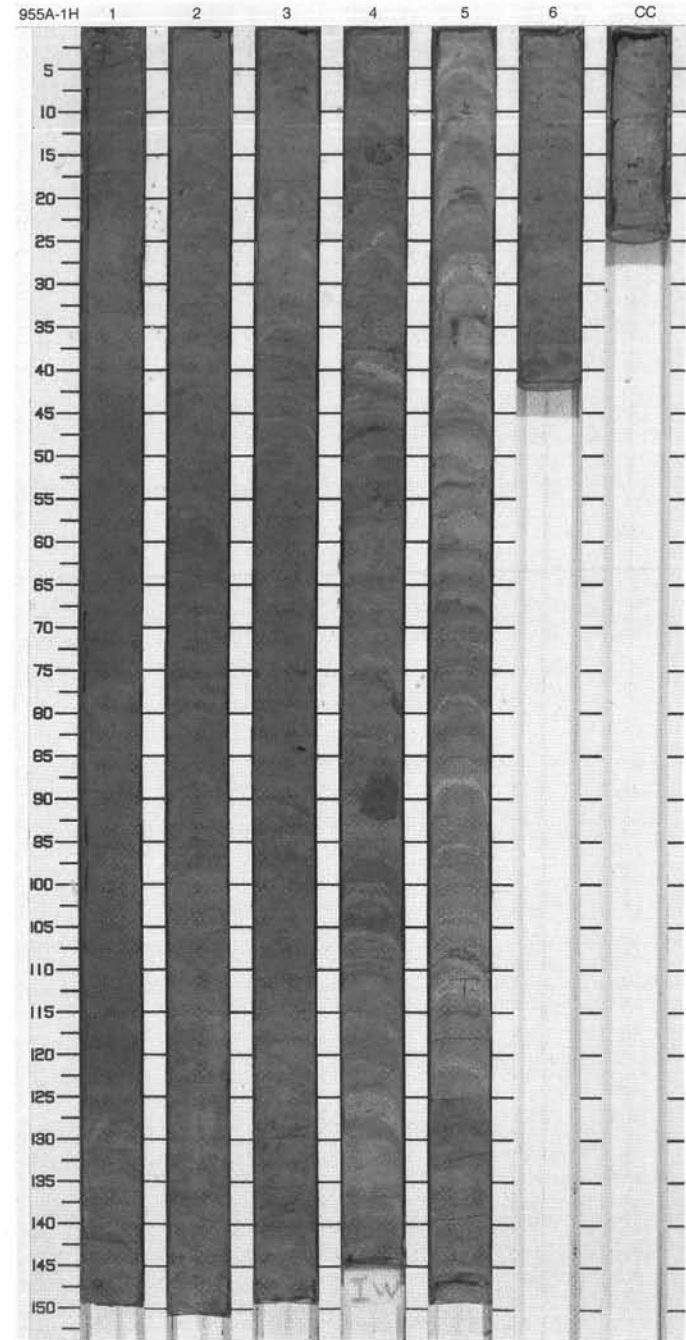


SITE 955 HOLE A CORE 1H

CORED 0.0 - 8.1 mbsf

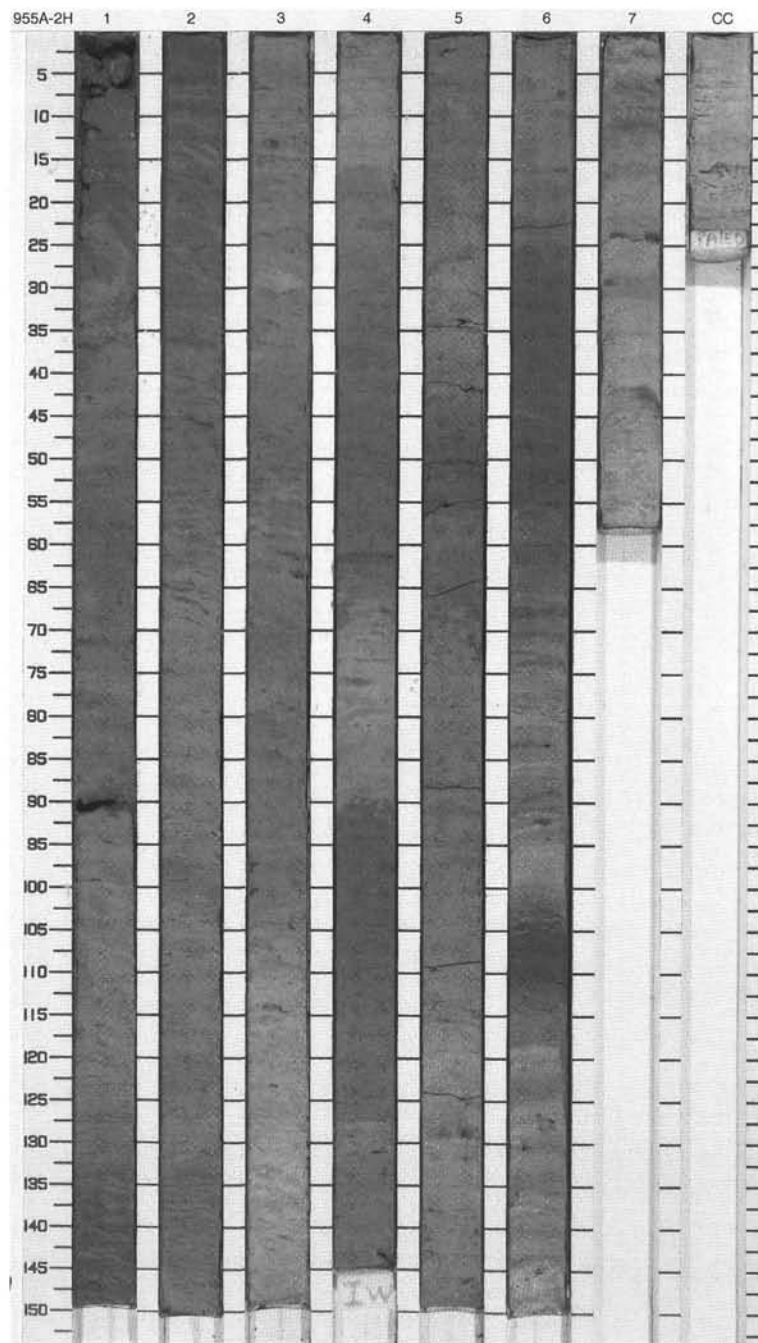
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		---	}}	10YR 5/2		<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithologies:                      CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as homogeneous mottled and bioturbated medium to thick beds. CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs as thin to medium beds with moderate bioturbation and mottling and contains variable amounts of quartz, siliceous microfossils, and manganese micronodules.</p> <p>Minor Lithologies:                      CALCAREOUS SAND occurs as thin, fine-grained, graded beds with a sharp base in Section 4, 13-39 and 51-55 cm.</p> <p>General Description:                      This core consists mainly of structureless CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS with extensive disturbance.</p>
2	[Pattern]	2		}}				
3	[Pattern]	3		}}				
4	[Pattern]	3		}}				
5	[Pattern]	4	late Pleistocene	--- ↑ F	}}	2.5Y 4/2 to 5Y 4/1		
6	[Pattern]	4		}}	O <sup>1</sup>			
7	[Pattern]	5		}}				
8	[Pattern]	6		Mn	M			
		CC						



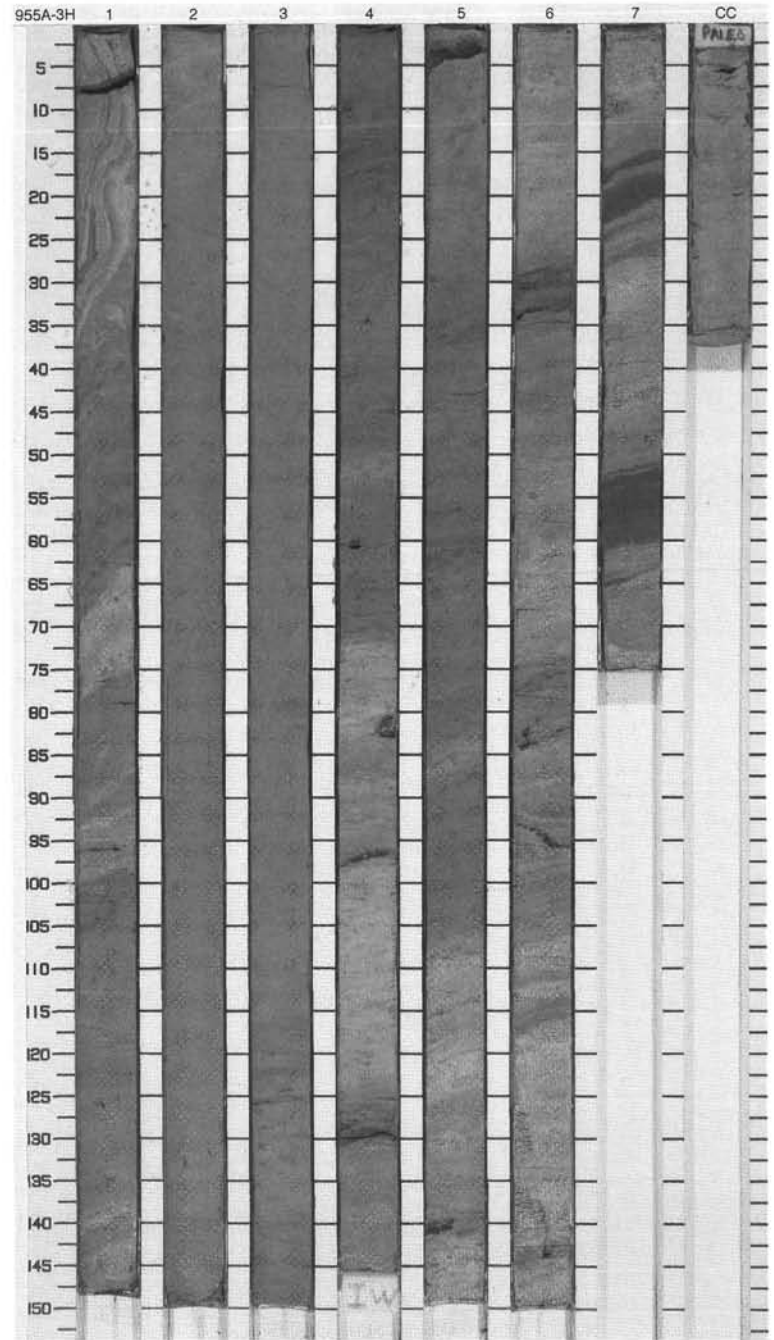
## SITE 955 HOLE A CORE 2H

CORED 8.1 - 17.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		--- A	W		2.5Y 4/2	CLAYEY NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL MIXED SEDIMENT
2		2		}}				Major Lithologies: CLAYEY NANNOFOSSIL OOZE occurs as homogeneous medium to thick beds with moderate to heavy bioturbation with sheared appearance and mottling. CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs as medium beds with moderate bioturbation and mottling.
3		3		}}				Minor Lithologies: FORAMINIFER SAND occurs as thin beds in Section 6, 60-65 cm. SILT occurs as very thin interbeds in Section 1, 71-72 cm. PUMICE SAND occurs as very thin interbeds in Section 1, 91-92 cm, and Section 5, 128-129 cm.
4		3		(P)}}				
5		4	late Pleistocene	--- }}			2.5Y 4/2 to 10Y 4/1	General Description: This core consists mainly of CLAYEY NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL MIXED SEDIMENT with thin interbeds of the minor lithologies. Drilling disturbance is important.
6		4		--- }}	O I			
7		5		}}				
8		6		A*}}				
9		6		--- }}				
10		7		}}				
11		7		---				
12		CC		}}	M			



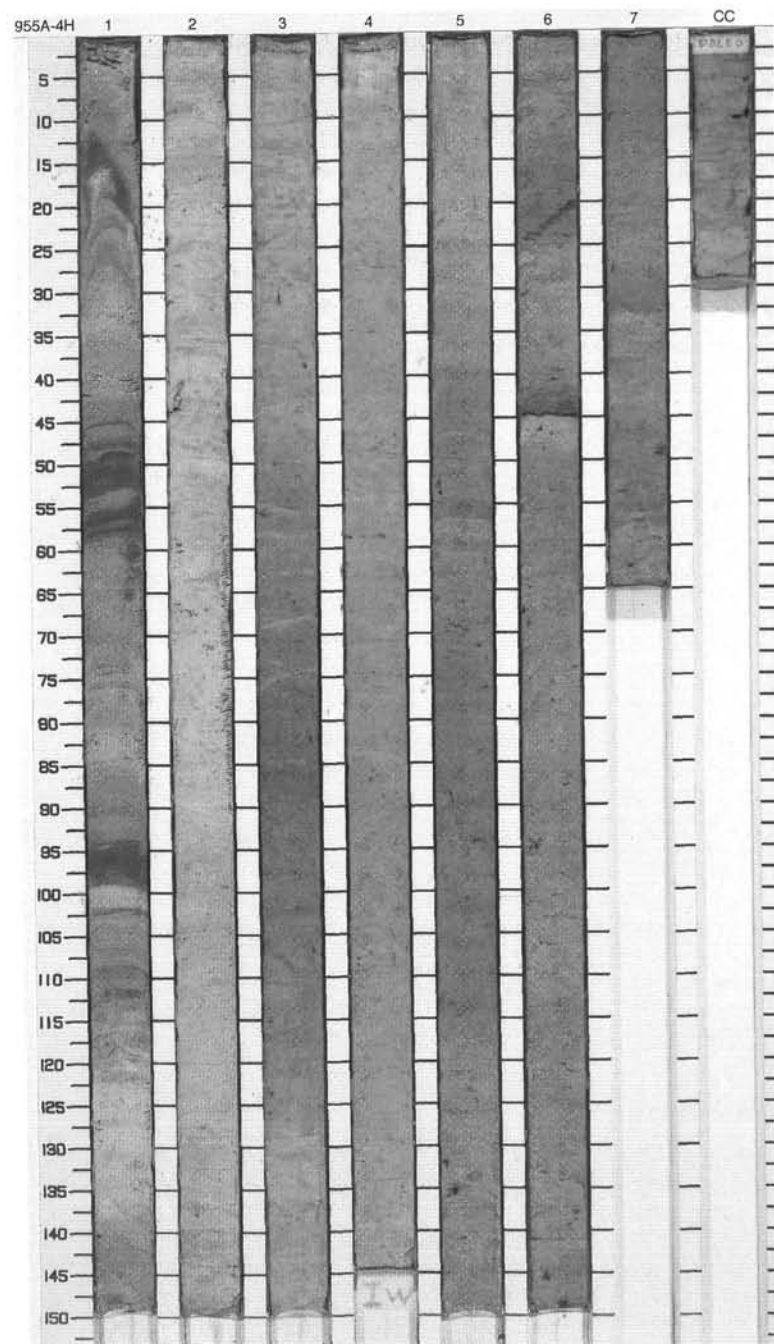
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	⌘				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithologies:                      CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as homogeneous, very thick to thin beds, with absent to extensive bioturbation, mottling, and black specks. CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs in Section 2 as a very thick bed and in Section 7 as medium to thin beds, with minor bioturbation and mottling.</p> <p>Minor Lithologies:                      A thin interbed of LITHIC, CALCAREOUS SILTY SAND occurs in Section 3, at 125-126 cm, and Section 6, at 83-84 and 33-34 cm. Two very thin beds of CALCAREOUS, SILICIOUS SAND occur in Section 4, at 82 and 97 cm. PUMICE ASH occurs in Section 5, at 2.5-4 and 140 cm. Two very thin VOLCANIC ASH layers occur in Section 6, at 29-31 and 33-34 cm.</p> <p>General Description:                      This core consists mainly of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL MIXED SEDIMENT with thin interbeds of minor lithologies. Important drilling disturbance.</p>
2	[Pattern]	2	⌘				
3	[Pattern]	3	⌘				
4	[Pattern]	4	⌘				
5	[Pattern]	5	⌘				
6	[Pattern]	6	⌘				
7	[Pattern]	7	⌘				
		late Pleistocene				2.5Y 4/2 to 10Y 4/1	
						O1	
						M	



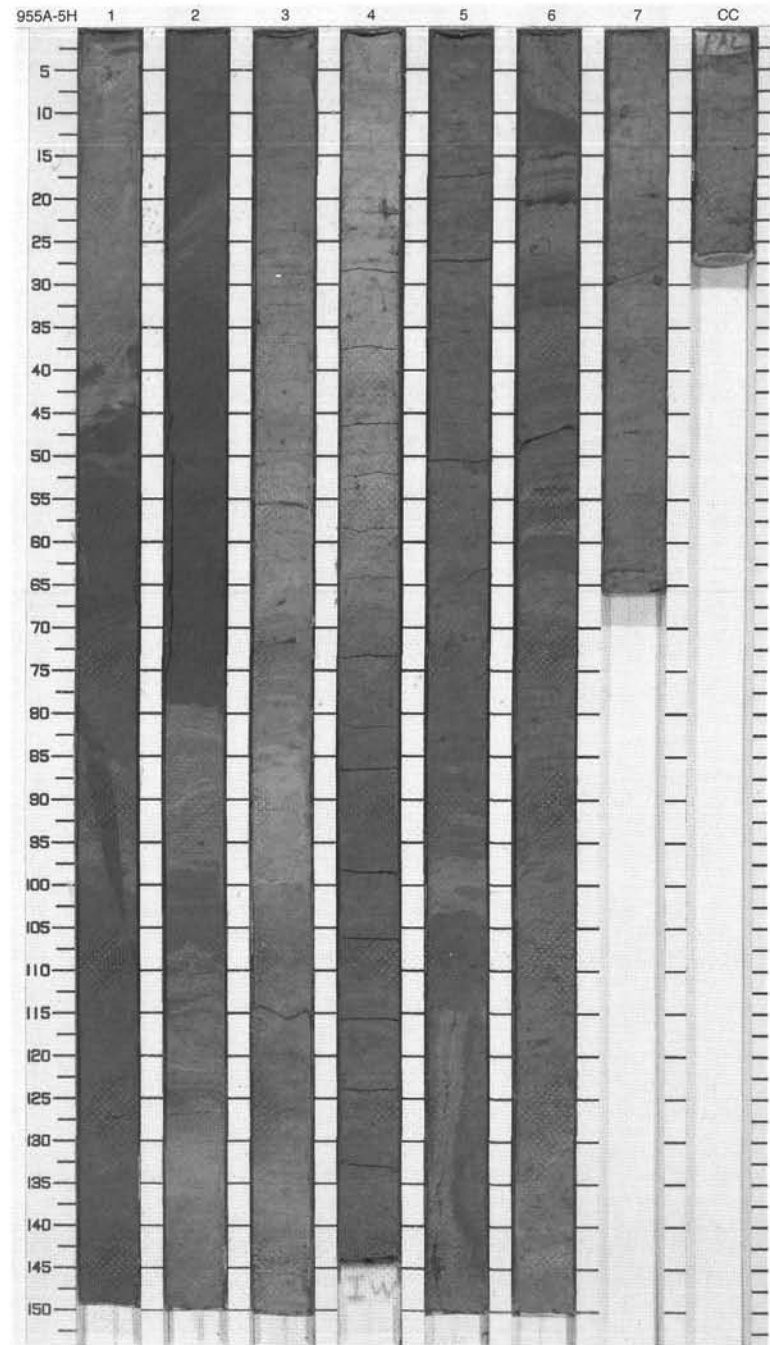
## SITE 955 HOLE A CORE 4H

CORED 27.1 - 36.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		↑ F } = } ~ } ~ }	✓		5Y 5/1 to 10Y 3/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE
2		2		~ } ~ } ~ } ~ } ~ }			10Y 5/1	Major Lithologies: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as medium to very thick, slightly mottled to moderately bioturbated beds, although some intervals are structureless. These beds commonly show abundant black, sand-sized specks of pyrite disseminated throughout. CLAYEY NANNOFOSSIL OOZE occurs as a very thick bed in Section 2, 0 cm, to Section 3, 150 cm, that is moderately bioturbated and contains small pyrite concretions.
3		3		P } ~ } ~ }			5GY 5/1 to 10Y 5/1	Minor Lithology: NANNOFOSSIL CLAY occurs as a thin bed in Section 1, 108-112 cm.
4		4	Pleistocene	P } ~ } ~ }				
5		5		P } ~ } ~ }		O	10Y 5/1	
6		6		~ } ~ }				
7		7		~ } ~ }			5GY 4/1	
		CC		~ }		M		



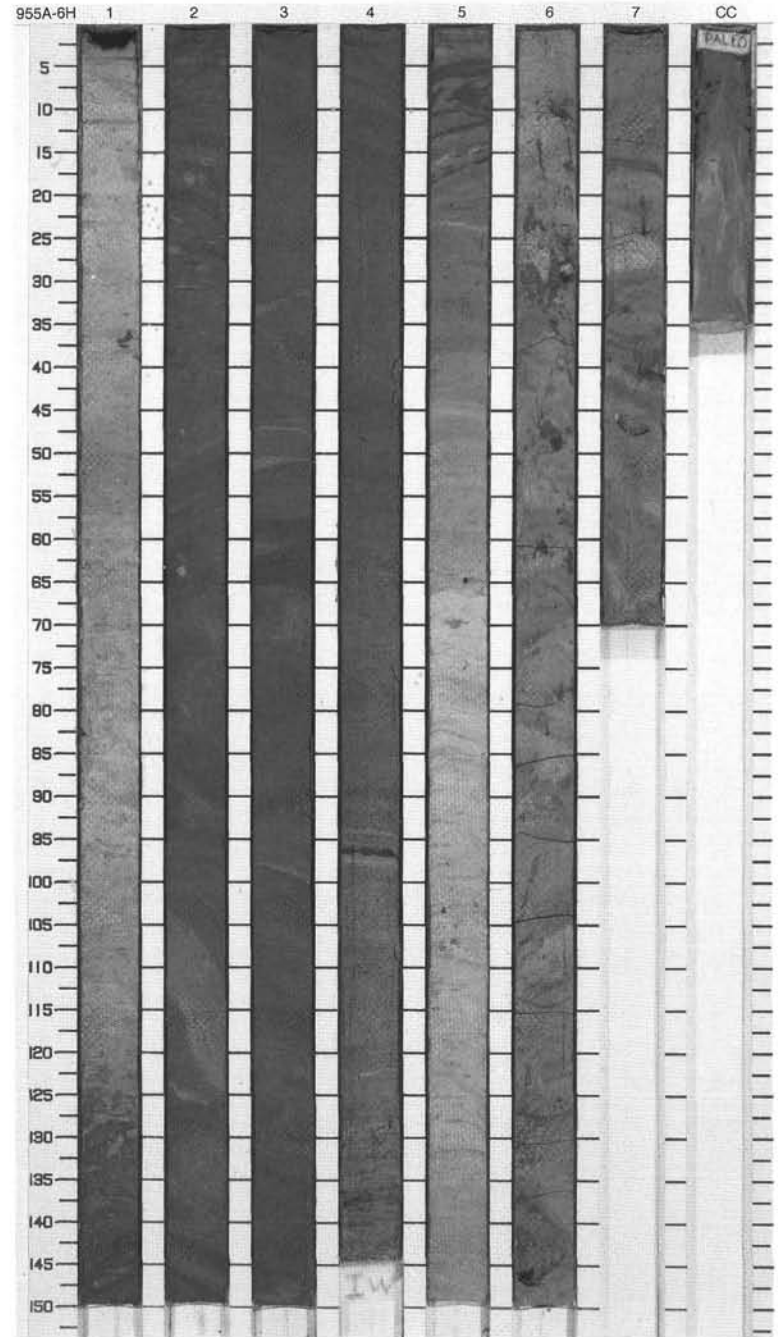
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1		~			10Y 5/1 to 10Y 4/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS, CLAYEY NANNOFOSSIL MIXED SEDIMENT, and CLAYEY NANNOFOSSIL OOZE
2	[Cross-hatched pattern]	2					10Y 4/1 to 10YR 5/1	Major Lithologies: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as thick to very thick beds that may be slightly to strongly bioturbated and commonly contain black sand-sized disseminated flecks of pyrite.
3	[Cross-hatched pattern]	3		P ~~~			2.5Y 4/2 to 10Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs as generally thick, slightly mottled to moderately bioturbated beds that commonly contain black, sand-sized disseminated flecks of pyrite.
4	[Cross-hatched pattern]	3		~			10Y 4/1	CLAYEY NANNOFOSSIL OOZE occurs as medium to thick beds that may be color banded, slightly mottled to slightly bioturbated, and contain disseminated black pyrite flecks.
5	[Cross-hatched pattern]	4	Pleistocene	~			5GY 5/1 to 10Y 4/1	Minor Lithology: BIOCLASTIC SAND occurs as thin interbeds in Section 1, 99-115 cm, Section 6, 15, 19-20, 42-43, and 59-63 cm, Section 7, 64 cm, and CC, 22-25 cm.
6	[Cross-hatched pattern]	5		~			5GY 4/1 to 10Y 4/1	
7	[Cross-hatched pattern]	5		~				
8	[Cross-hatched pattern]	6		~				
9	[Cross-hatched pattern]	7		~				
CC	[Cross-hatched pattern]	CC		~				



## SITE 955 HOLE A CORE 6H

CORED 46.1 - 55.6 mbsf

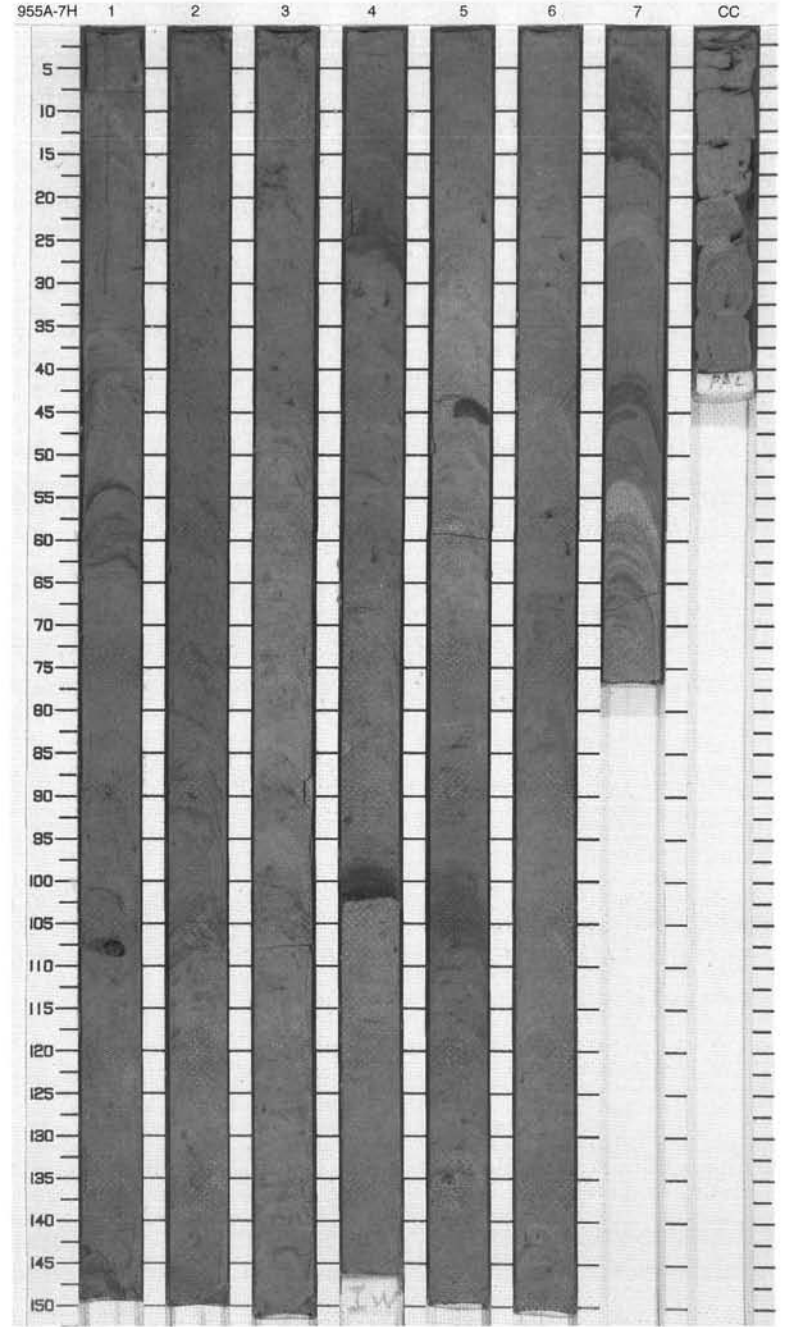
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		33			5GY 5/1 to 10Y N5/0	<p>NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: NANNOFOSSIL OOZE WITH FORAMINIFERS makes up the entire core. It is commonly mottled and shows slight to moderate bioturbation and in Section 4, 97-150 cm contains scattered bioclastic fragments. In Sections 2 and 3 and parts of Sections 4, 5, and 6, the sediment is disturbed by soft sediment deformation, resulting in folded beds and tilted bedding. Other intervals may be structureless.</p>
2		2		32			10Y 3/1 to 10Y 4/2	
3		3						<p>Minor Lithology: CALCAREOUS SILT WITH LITHICS occurs as a very thin bed in Section 4, 96-97 cm. Silt is mainly composed of fine-grained calcareous material, but contains about 10%-15% black lithic grains.</p>
4		4	Pleistocene					
5		5						
6		6						O I
7		7						
8		8					5GY 4/1 to 5Y 4/1	
9		9						
10		10	CC					M



SITE 955 HOLE A CORE 7H

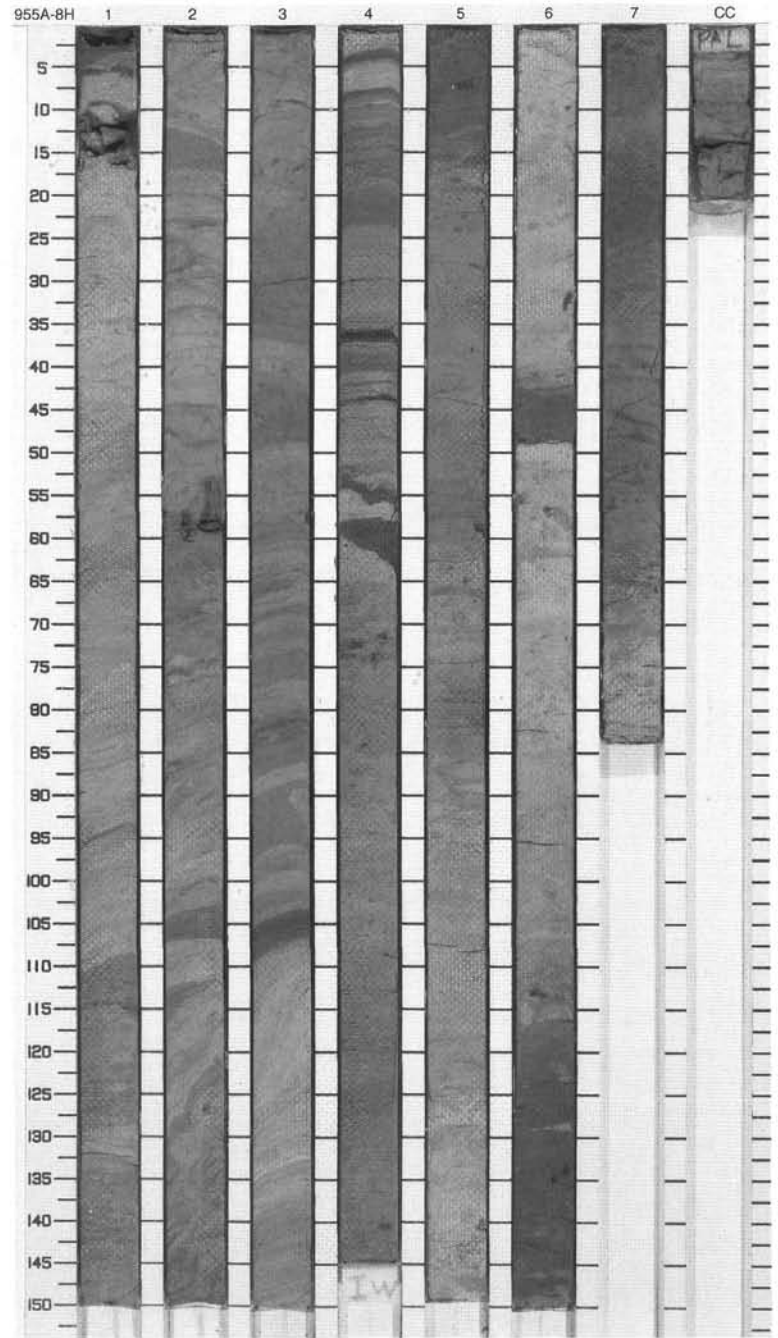
CORED 55.6 - 65.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		∞ ∘				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: This core consists mostly of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The ooze is generally structureless but contorted bedding and laminations are present throughout.</p> <p>Minor Lithologies: Minor CALCAREOUS SILT lenses and discontinuous beds occur in Section 1, 54, 62, and 101 cm, and Section 4, 98-102 cm. 80% to 90% of the silt consists of foraminifers with lesser amounts of volcanic ash, pumice, and dark lithic fragments.</p>
2		2		∞ ∞				
3		3		∞				
4		3					5Y 4/1 to 2.5Y N4/0	
5		4	Pleistocene		∞ ∞			
6		4			∞			
7		5			∞			
8		6						
9		7					5GY 4/1 to 5GY 5/1	
10	CC						M	



SITE 955 HOLE A CORE 8H CORED 65.1 - 74.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1					5GY 5/1 to 5Y 4/1	<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: This core consists mostly of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The ooze is generally structureless, but contorted bedding and laminations are present throughout.</p> <p>Minor Lithologies: Minor thin interbeds of SANDY MIXED SEDIMENT containing calcareous bioclastic debris, foraminifers, and quartz occur in Section 4, 36-37, 44, 53-54, and 58-60 cm, and Section 6, 42-48 cm.</p>
2	[Cross-hatched pattern]	2		[Wavy lines]			2.5Y N5/0 to 5Y 4/1	
3	[Cross-hatched pattern]	3		[Wavy lines]			5Y 4/1 to 5Y 5/1	
4	[Cross-hatched pattern]	4	Pleistocene	[Wavy lines]				<p>5GY 4/1 to 10Y 5/1</p>
5	[Cross-hatched pattern]	5		[Wavy lines]				
6	[Cross-hatched pattern]	6		[Wavy lines]				<p>5GY 5/1 to 10Y 3/1</p>
7	[Cross-hatched pattern]	7		[Wavy lines]				
8	[Cross-hatched pattern]	8		[Wavy lines]				
9	[Cross-hatched pattern]	9		[Wavy lines]				
10	[Cross-hatched pattern]	10		[Wavy lines]				

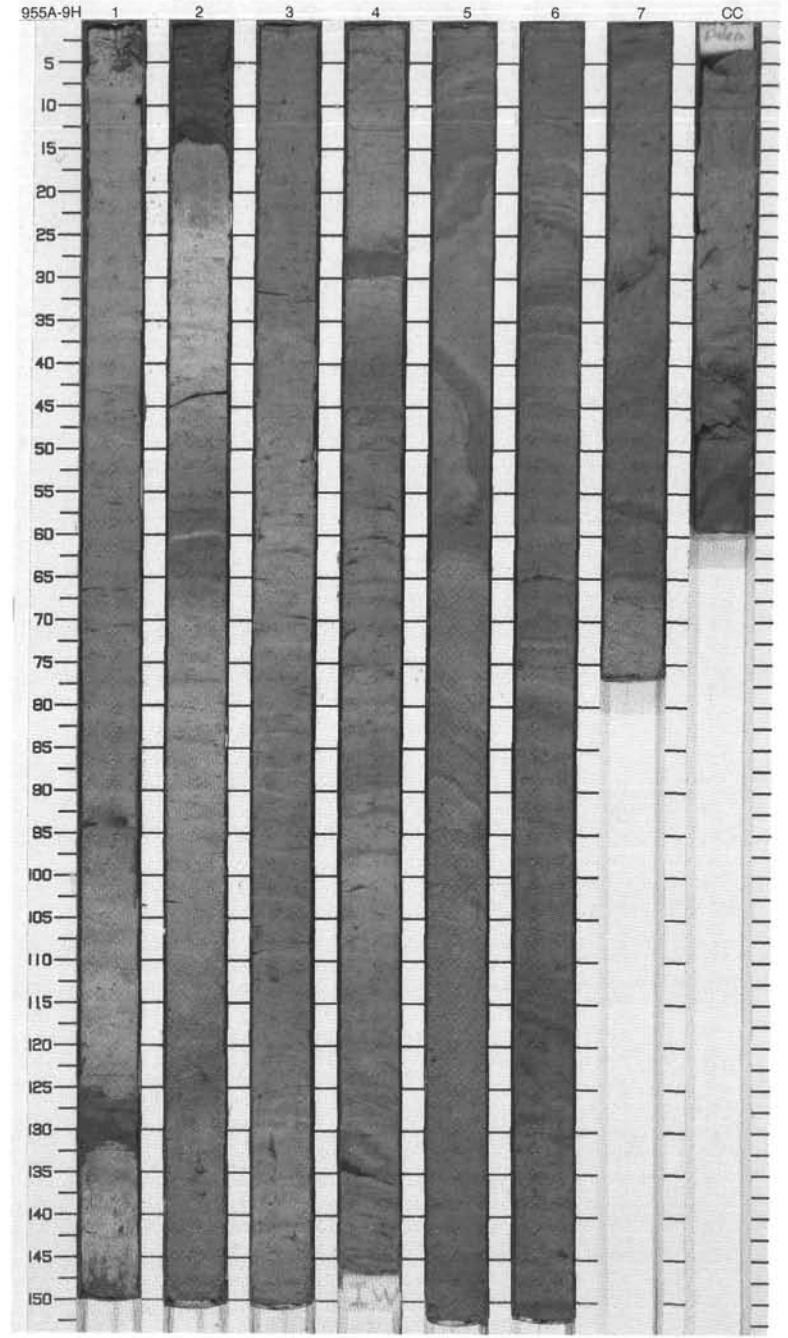




SITE 955 HOLE A CORE 9H

CORED 74.6 - 84.1 mbsf

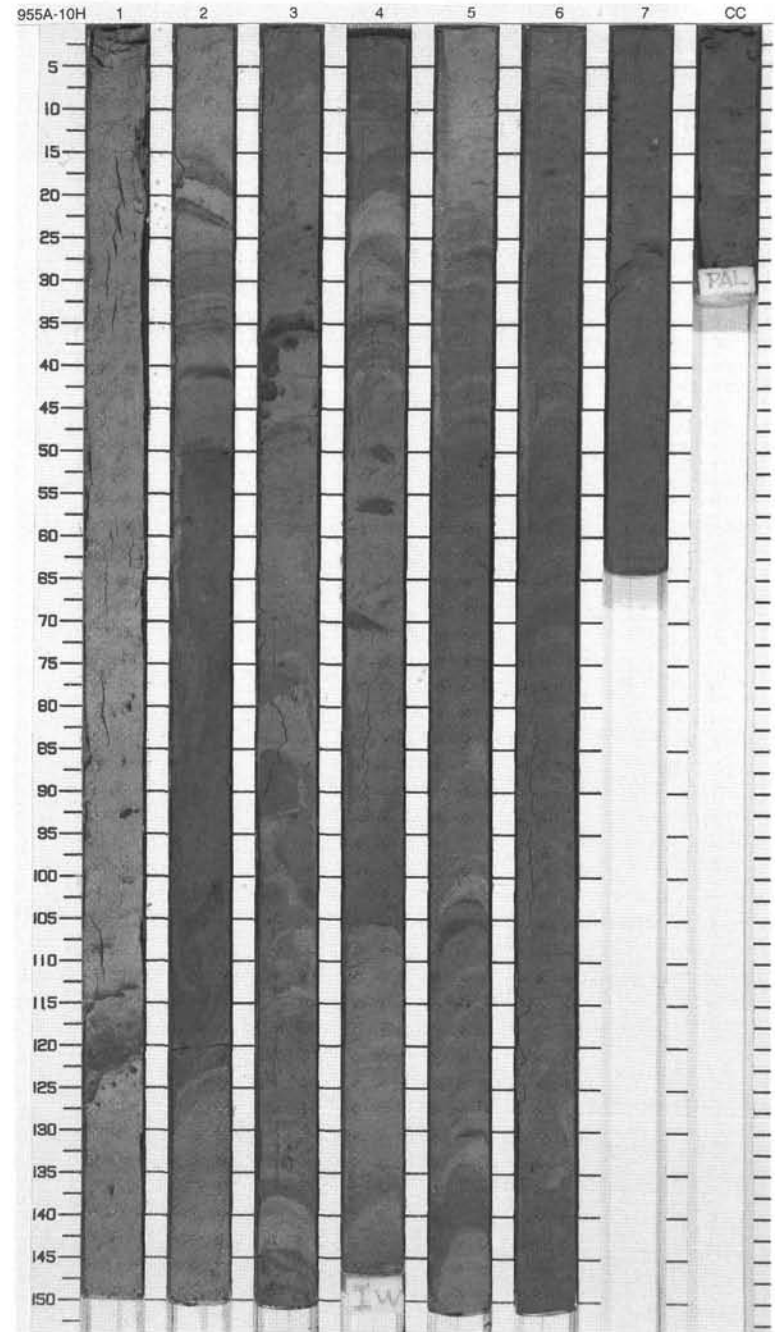
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched lithology]	1					5GY 5/1 to 5GY 3/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE
2		2		⋈ ⋈ ⋈			5GY 3/1 to 10Y 4/1	Major Lithologies: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS forms most of the sediment column in this core. It shows strong purplish mottling throughout and may be moderately bioturbated or structureless. In Section 5, sediment shows soft sediment deformation with convolute bedding and tilted beds throughout. In Section 6, it is crudely banded between 16-37 cm. Abundant disseminated silt-sized pyrite grains occur throughout Sections 6 to 7.
3		3					5GY 4/1 to 10Y 5/1	Minor Lithologies: QUARTZ BIOCLASTIC SILT occurs as thin interbeds in Section 1, 93-94, 127-132, and 148-150 cm, Section 2, 0-14 cm, and Section 3, 26-30 cm. FORAMINIFER SILT WITH QUARTZ AND PYRITE occurs as very disturbed, disrupted thin bands in CC, 41 and 55 cm.
4		4						
5		5						
6		6						
7		7						
8							5Y 4/1 to 10Y 4/1	
9							5GY 4/1 to 10Y 4/1	
10							10Y 4/1 to 5GY 4/1	
11								
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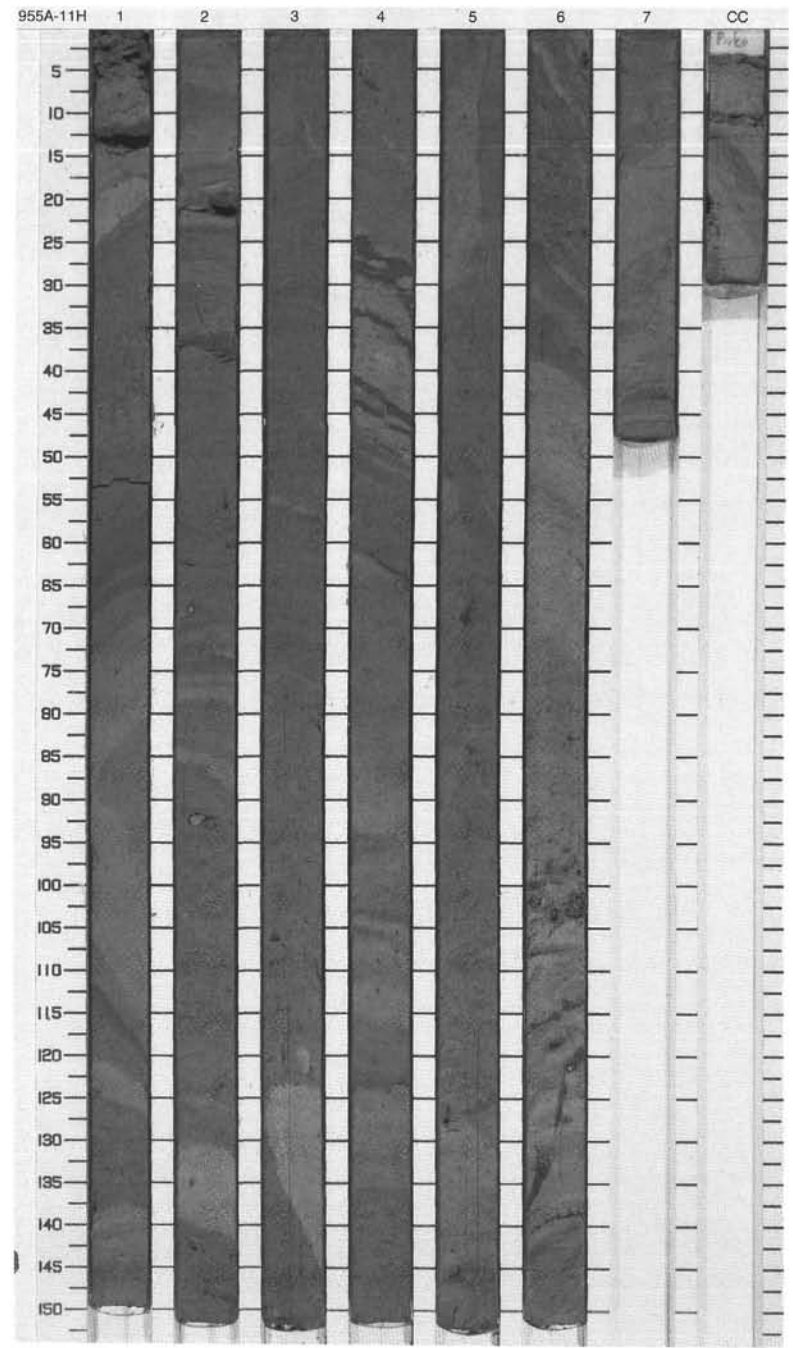
## SITE 955 HOLE A CORE 10H

CORED 84.1 - 93.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		2				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS is the dominant lithology and makes up most of the core. It commonly shows diffuse purplish mottling and scattered black sand-sized grains and blebs (possibly pyrite). In Section 2, 60-150 cm, beds are affected by soft sediment deformation and show tilted bedding. Small broken shell fragments are common in Section 3, 86-150 cm.</p> <p>Minor Lithologies: QUARTZ SAND and QUARTZ PYRITIC SAND occurs as thin interbeds.</p> <p>General Description: Color is very uniform in this core.</p>
2		2		2				
3		3		2				
4		3		o				
5		4	Pleistocene	x x x x				
6		4		+ F				
7		5		}}				
8		6		x				
9		6		x				
		7		x				
		CC						
							5GY 2/1 to 5GY 3/1	
							O <sup>1</sup>	
							M	

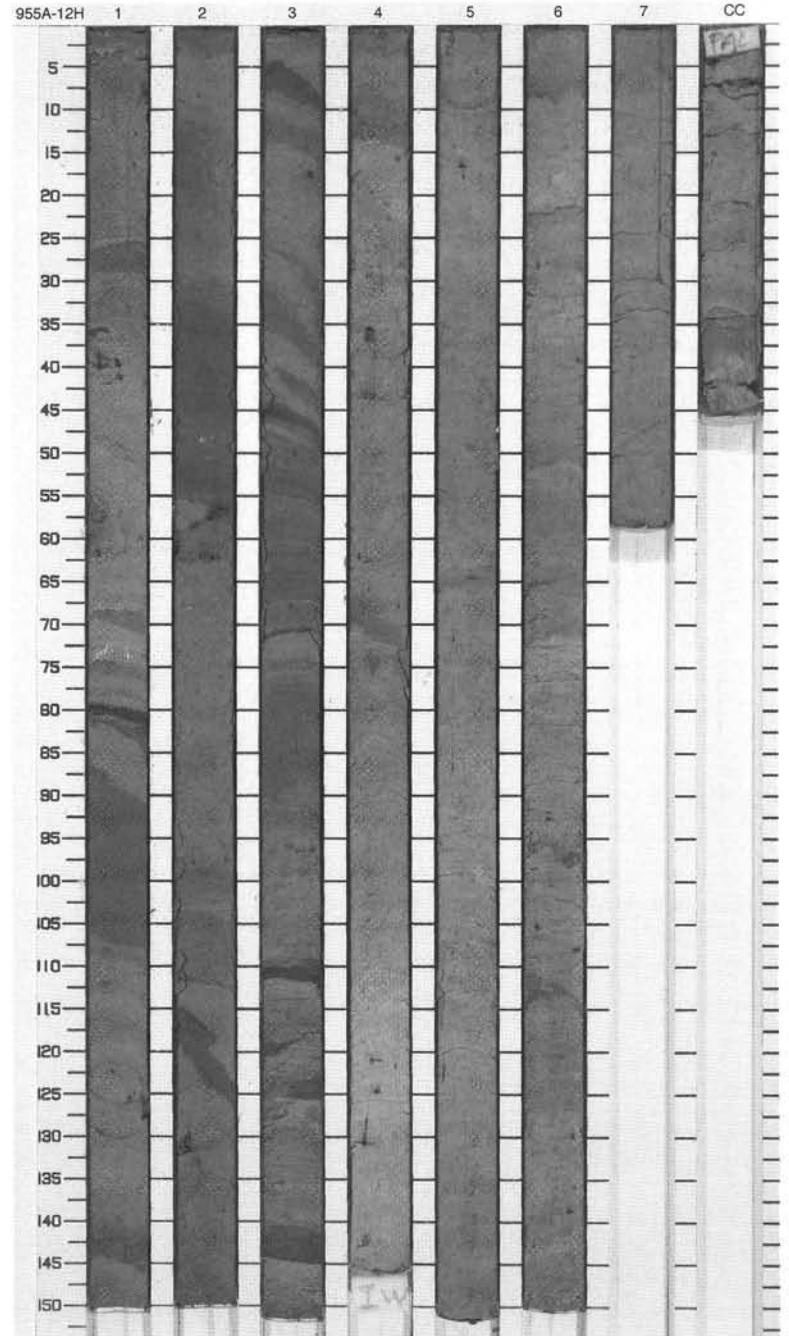


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1		②				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: This core consists mostly of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The ooze is generally structureless, but contorted bedding and laminations are present throughout.</p> <p>Minor Lithologies: BIOCLASTIC NANNOFOSSIL MIXED SEDIMENT occurs in minor amounts throughout the core and consists of shell fragments supported in a matrix of nannofossil ooze. QUARTZ SAND interbeds occur in Section 4, 24-44 cm, and are displaced approximately 2.5 cm along normal faults.</p>
2	[Cross-hatched pattern]	2		②				
3	[Cross-hatched pattern]	3		②				
4	[Cross-hatched pattern]	4		②			5GY 4/1	
5	[Cross-hatched pattern]	4	late Pliocene	②				
6	[Cross-hatched pattern]	5		②			O	
7	[Cross-hatched pattern]	5		②			5GY 5/1	
8	[Cross-hatched pattern]	6		②				
9	[Cross-hatched pattern]	6		②			5GY 5/1 to 10Y 4/1	
	[Cross-hatched pattern]	7		②				
	[Cross-hatched pattern]	CC					M	

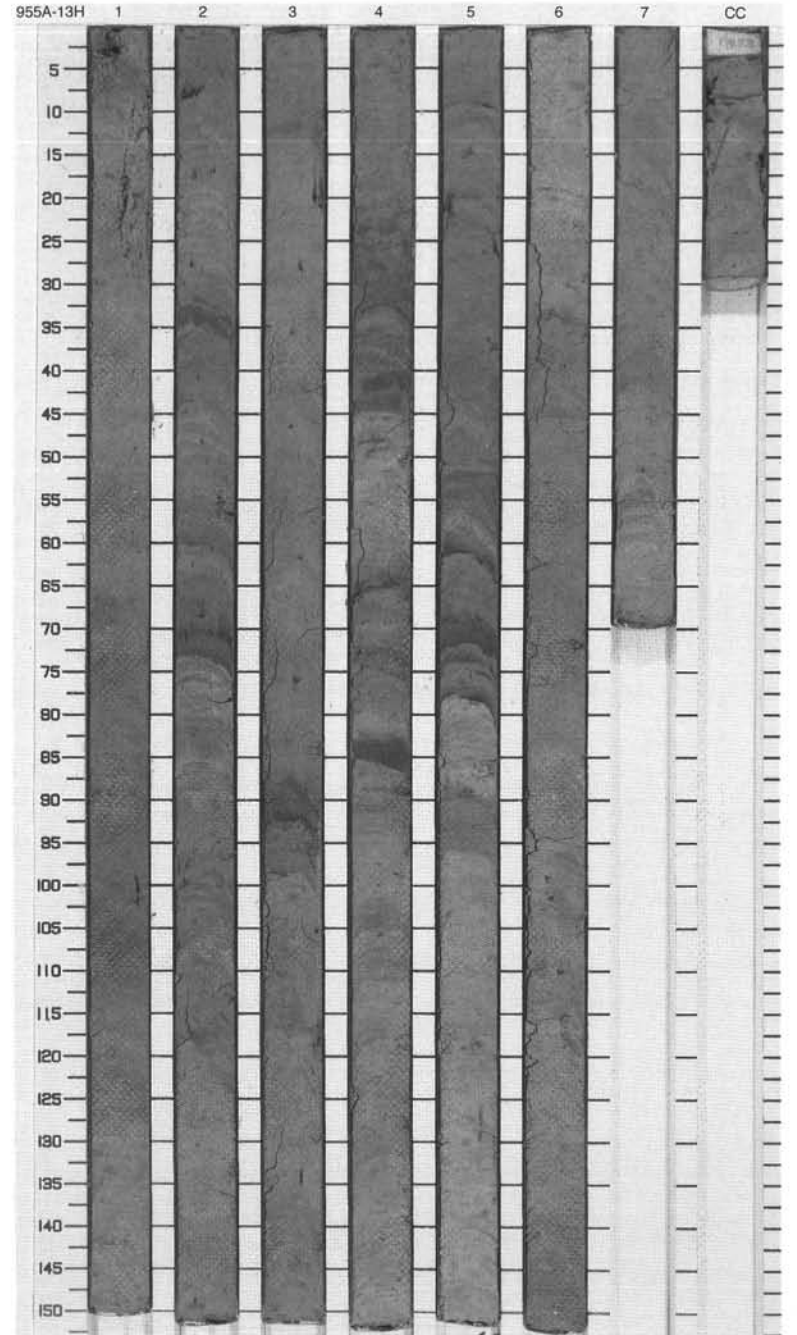


SITE 955 HOLE A CORE 12H CORED 103.1 - 112.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1		2			5GY 4/1 to 10Y N4/0	<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: This core consists mostly of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Contorted bedding and laminations are present, but not as common as in the overlying core.</p> <p>Minor Lithology: Thin interbeds of QUARTZ SILT occur in Section 1, 79-80 cm, and Section 3, 71, 109-111, and 144 cm.</p>
2		2						
3		3		2				
4		4		2	↑ F			
5		5		late Pliocene	◊, ⊗, ⊙, ⊘, ⊙			
6		6					5GY 4/1	
7		7						
8		8						
9		9						
10		10	CC				M	



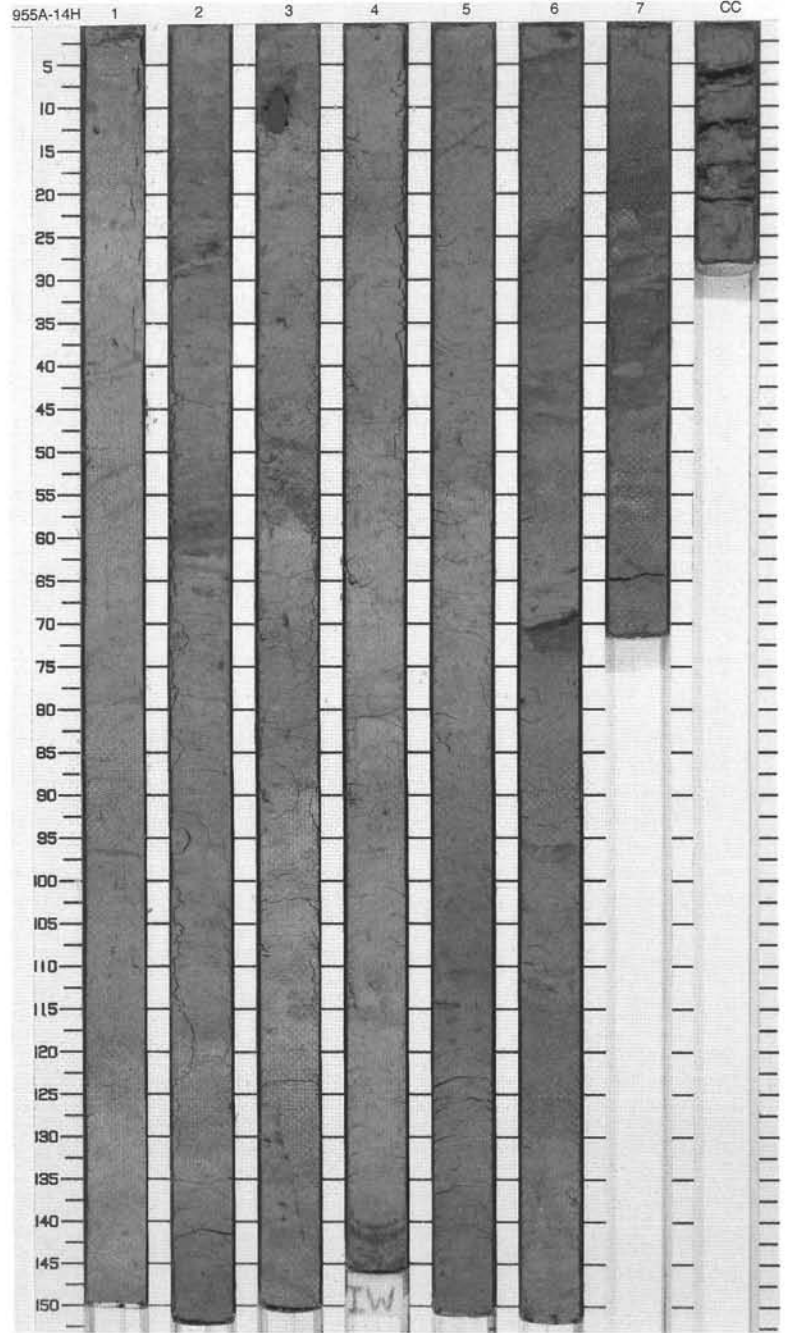
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Pliocene	}}	-		5GY 4/1	<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as medium to thick beds with slight mottling, dispersed black specks, and moderate to heavy bioturbation. Some thin CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS interbeds display a QUARTZ-RICH SILTY SAND base.</p> <p>Minor Lithologies: QUARTZ-RICH SILT and SILTY SAND occur as thin interbeds at the base of thin CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS beds with sharp base in Section 3, 91-92 cm, and Section 5, 5-9, 59-61, 68-71, 71-73, and 73-78 cm or as discontinuous beds in Section 2, 7-8 and 70-71 cm. VITRIC ASH occurs as disturbed thin layers with sharp base in Section 4, 23-49, 64-76, and 82-85 cm.</p> <p>General Description: Color in this core is very uniform throughout.</p>
2		2		}}				
3		3		}}				
4		3		}}				
5		4		-A -A -A				
6		4		}}				
7		5		}}				
8		6		}}				
9		7		}}				
		CC		}}				



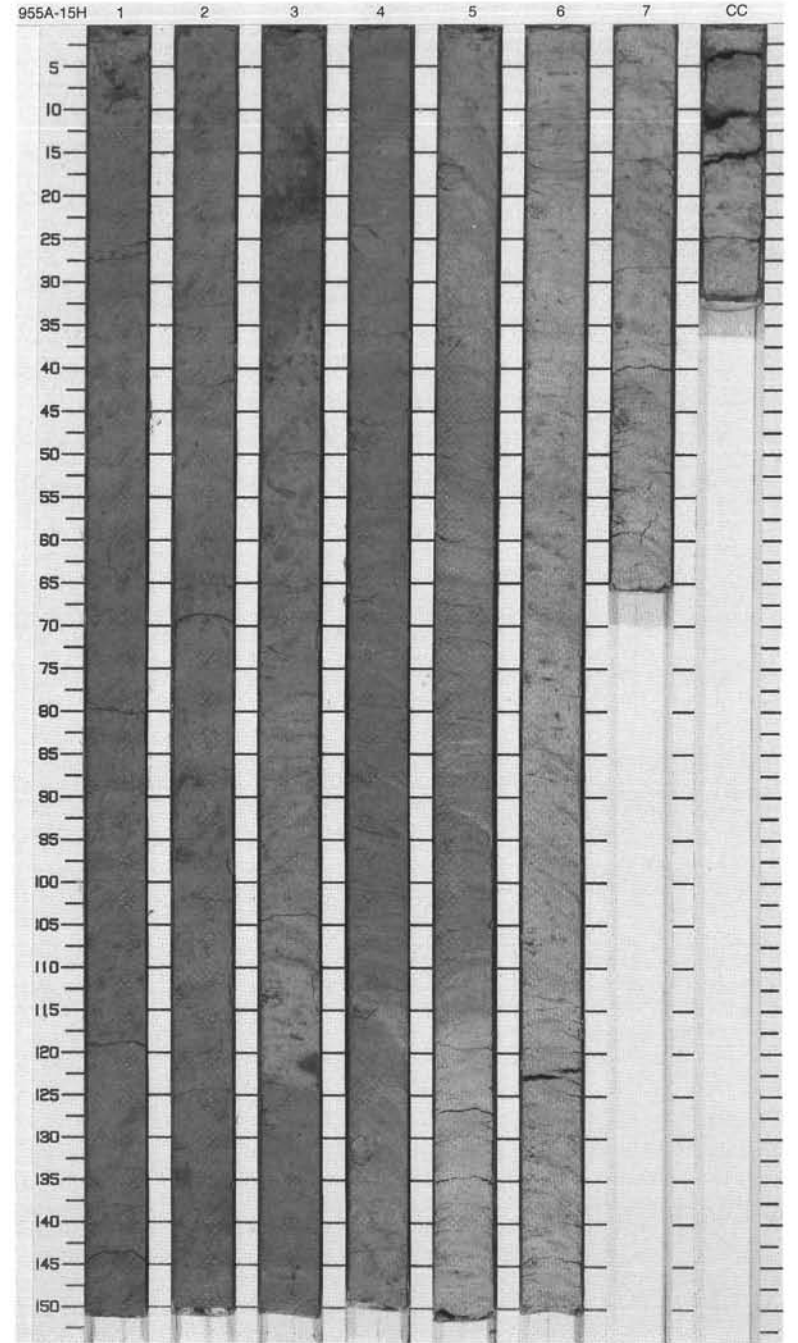
SITE 955 HOLE A CORE 14H

CORED 122.1 - 131.6 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	Diagonal lines	1	}}				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as homogeneous medium to thick beds with slight mottling, dispersed black specks, and moderate to heavy bioturbation. Color banding occurs in Section 2, 10-30 and 50-66 cm.</p> <p>Minor Lithologies: CALCAREOUS SAND WITH FORAMINIFERS occurs as a thin graded interbed at base of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS in Section 7, 21 cm, and as a medium interbed in Section 7, 21-44 cm. QUARTZ-RICH SILT occurs as a thin interbed in Section 6, 69.5-70.5 cm.</p> <p>General Description: Color in this core is uniform throughout.</p>
2	Diagonal lines with wavy patterns	2	}}				
3	Diagonal lines	3	}}				
4	Diagonal lines	3	}}				
5	Diagonal lines	4	}}				
6	Diagonal lines	4	}}				
7	Diagonal lines	5	}}				
8	Diagonal lines	6	}}				
9	Diagonal lines	7	}}				
10	Diagonal lines	7	}}				
	CC						

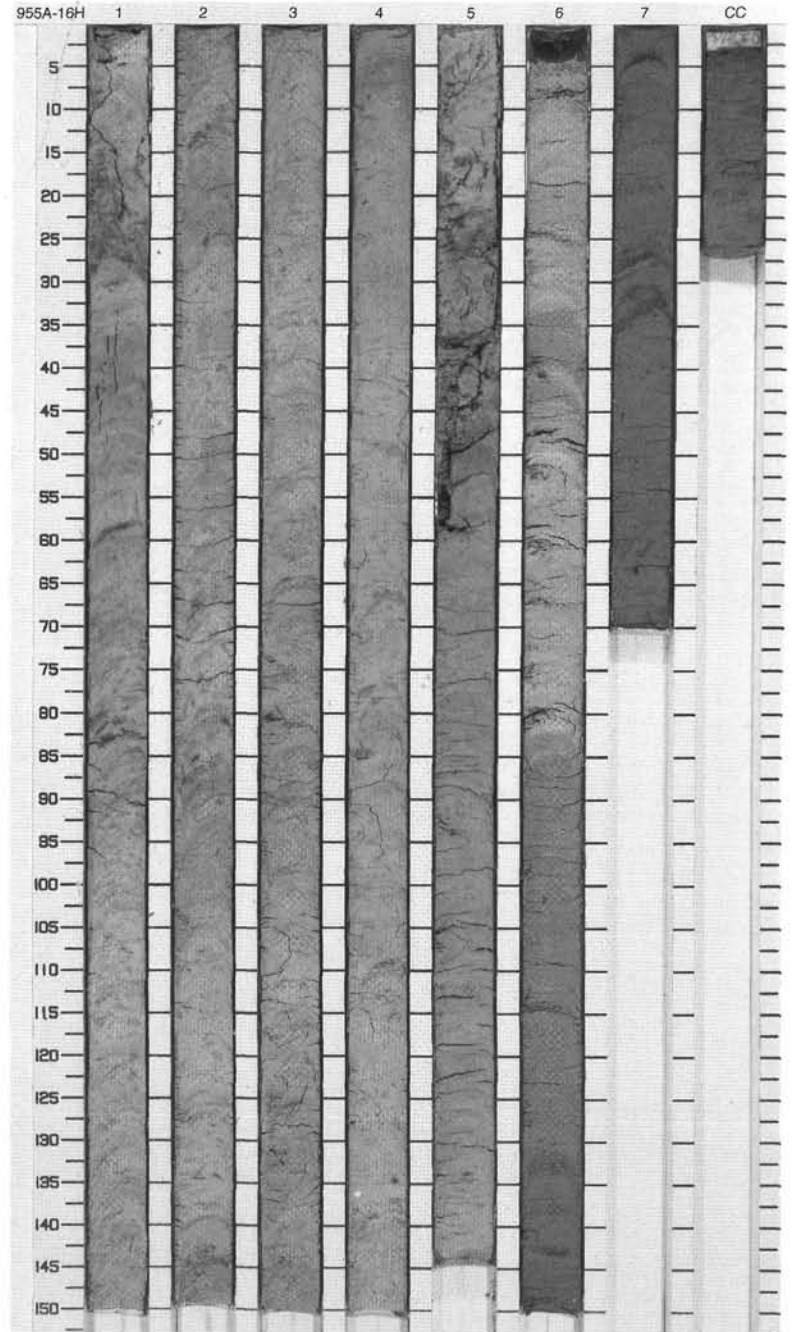


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched lithology pattern]	1		}}				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as homogeneous, medium to thick beds with slight mottling, small specks, and moderate to heavy bioturbation.</p> <p>Minor Lithologies: PUMICE ASH occurs as a thin, disrupted, discontinuous interbed in Section 3, 121-122 cm. CRYSTAL LITHIC CALCAREOUS SAND occurs as a thin, disrupted, discontinuous interbed in Section 3, 19-23 cm.</p> <p>General Description: Color in this core is very uniform throughout.</p>
2		2		}}				
3		3		}}			5Y 4/1	
4		4		}}				
5		5		}}				
6		6		}}				
7		7		}}				
8		8		}}			O	
9		9		}}			7.5GY 5/1	
		CC		}}			M	



SITE 955 HOLE A CORE 16H CORED 141.1 - 150.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description		
1	[Cross-hatched pattern]	1	Pliocene	}}		7.5GY 5/1	7.5GY 5/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS		
2	[Cross-hatched pattern]	2		}}				5GY 4/1	5GY 4/1	Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as thick beds with slight mottling, dispersed black specks, and moderate to heavy bioturbation. Inclined color bands in Section 2.
3	[Cross-hatched pattern]	3		}}						5Y 2/1 to 10Y 4/1
4	[Cross-hatched pattern]	4		}}		O <sup>1</sup>	5GY 4/1	5GY 4/1		
5	[Cross-hatched pattern]	5		}}						
6	[Cross-hatched pattern]	6		}}						
7	[Cross-hatched pattern]	7		}}						
CC	[Horizontal lines]	CC		M						

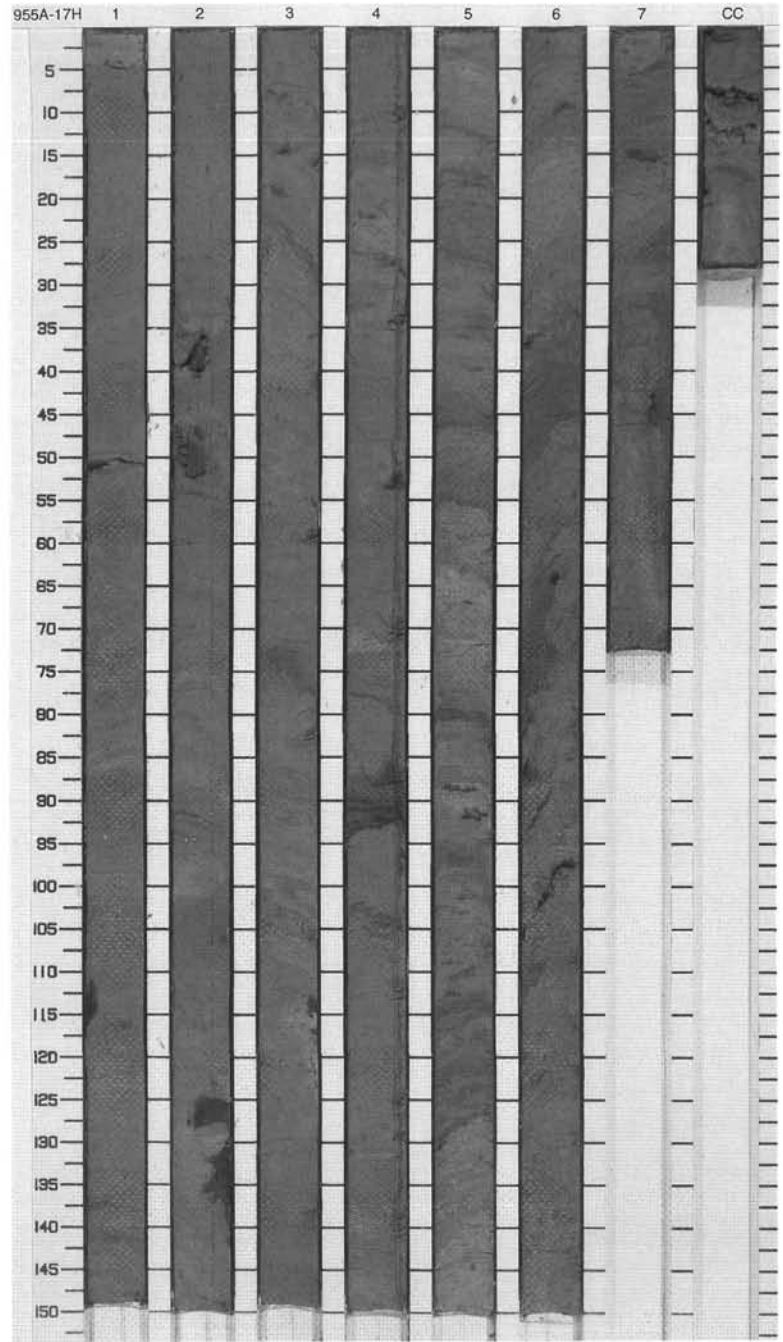




SITE 955 HOLE A CORE 17H

CORED 150.6 - 160.1 mbsf

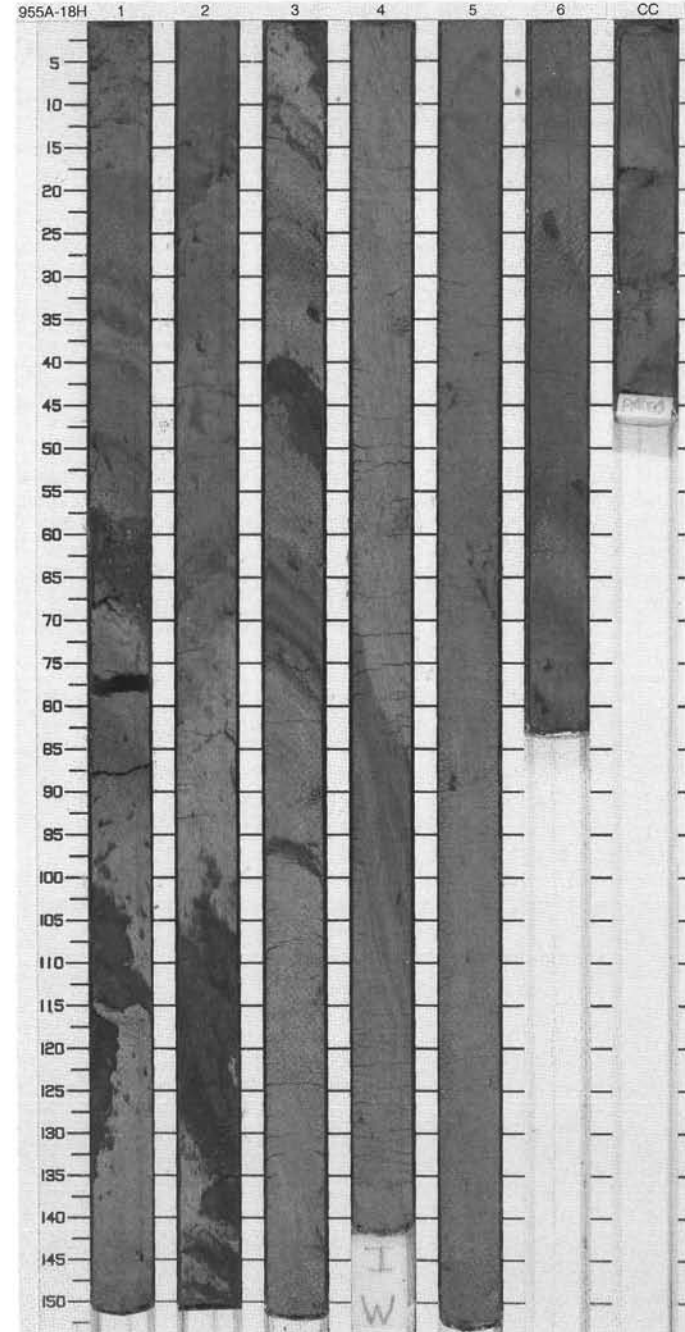
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}}				<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as medium to thick beds with slight mottling, dark specks, color banding, and moderate bioturbation.</p> <p>Minor Lithologies: QUARTZ-RICH SAND occurs as thin interbeds with sharp bases and which are mostly disturbed and discontinuous in Section 1, 50-51 and 112-116 cm, Section 2, 125-128 cm, Section 3, 18-114 and 131-140 cm, Section 4, 23-27, 50-53, 70, 78-78.5, 87-88, 90-94, and 103-106 cm, Section 5, 18, 80, 88, 91, 112, and 129 cm, Section 6, 8, 64, and 99 cm, and Section 7, 15 cm. Some contain shell fragments in Section 4, 78-78.5 and 90-94 cm.</p>
2		2	(P)	}}				
3		3		}}				
4		4		}}				
5		5		}}			7.5GY 4/1 to 5GY 4/1	
6		6		}}				
7		7		}}				
8		8		}}			O	
9		9		}}				
10		10		(P)			M	



## SITE 955 HOLE A CORE 18H

CORED 160.1 - 168.9 mbsf

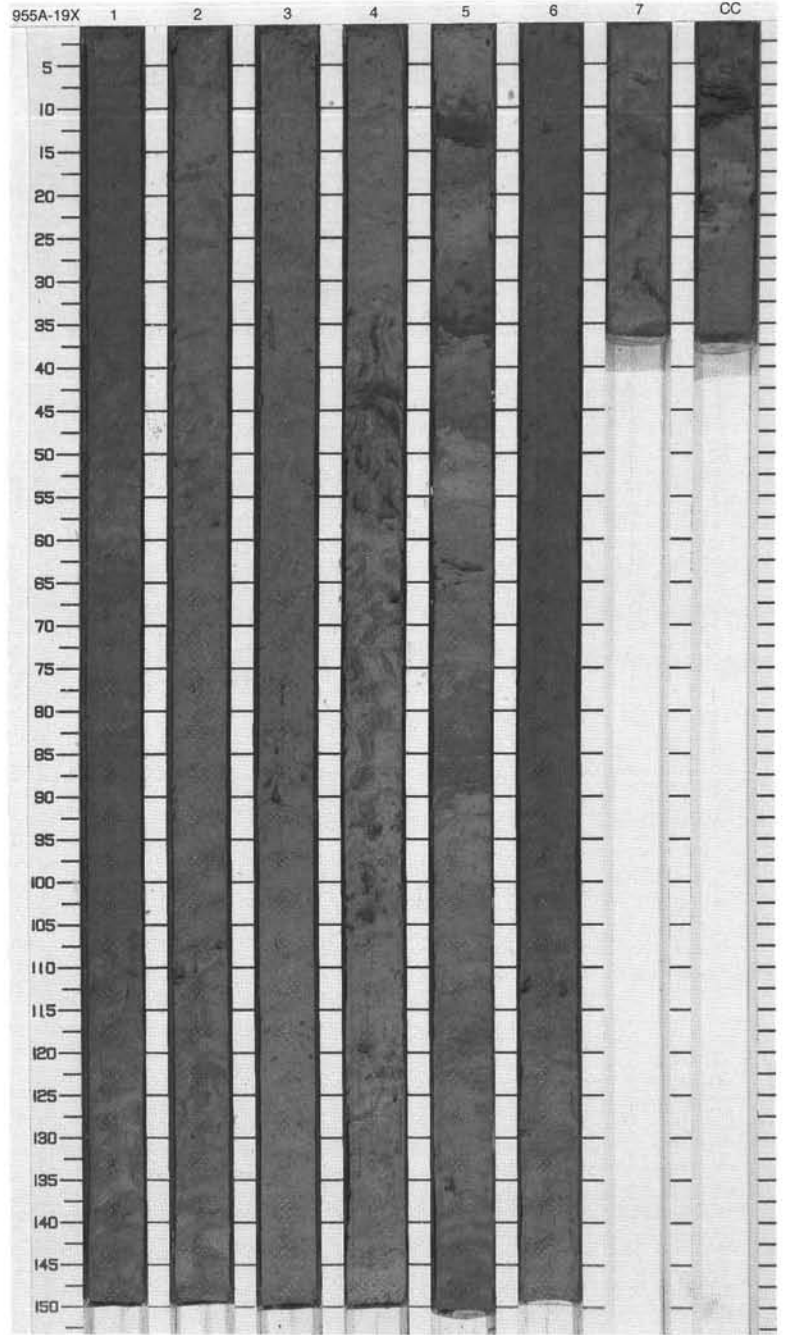
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Pliocene	}	O		5GY 2/1 to 7.5GY 4/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS
2		2						Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as medium to thick beds with slight mottling and bioturbation.
3		3						Minor Lithologies: QUARTZ-RICH SILT AND SAND occurs as thin, discontinuous interbeds with sharp bases in Section 1, 57-68 cm, and Section 3, 10, 14, 23, 40-46, 72, 75, and 96-97 cm or as small patches within CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS in Section 1, 12, 17, 49-52, and 100-150 cm, Section 2, 17-19, 26, 38, 70, and 82-90 cm, Section 3, 0-9, 33-35, and 63 cm, Section 5, 39, 44, 61-68, and 89 cm, and Section 6, 54-55 and 79-81 cm.
4		3						General Description: This core consists of an alternation of the major and minor lithologies. The discontinuous character of the sandy and silty interbeds is related to slumping deformation (slanted and undulating silty and sandy interbeds).
5		4						
6		5						O <sup>1</sup>
7		4						
8		6						(P)
		(P)						
		P						
		CC						



SITE 955 HOLE A CORE 19X

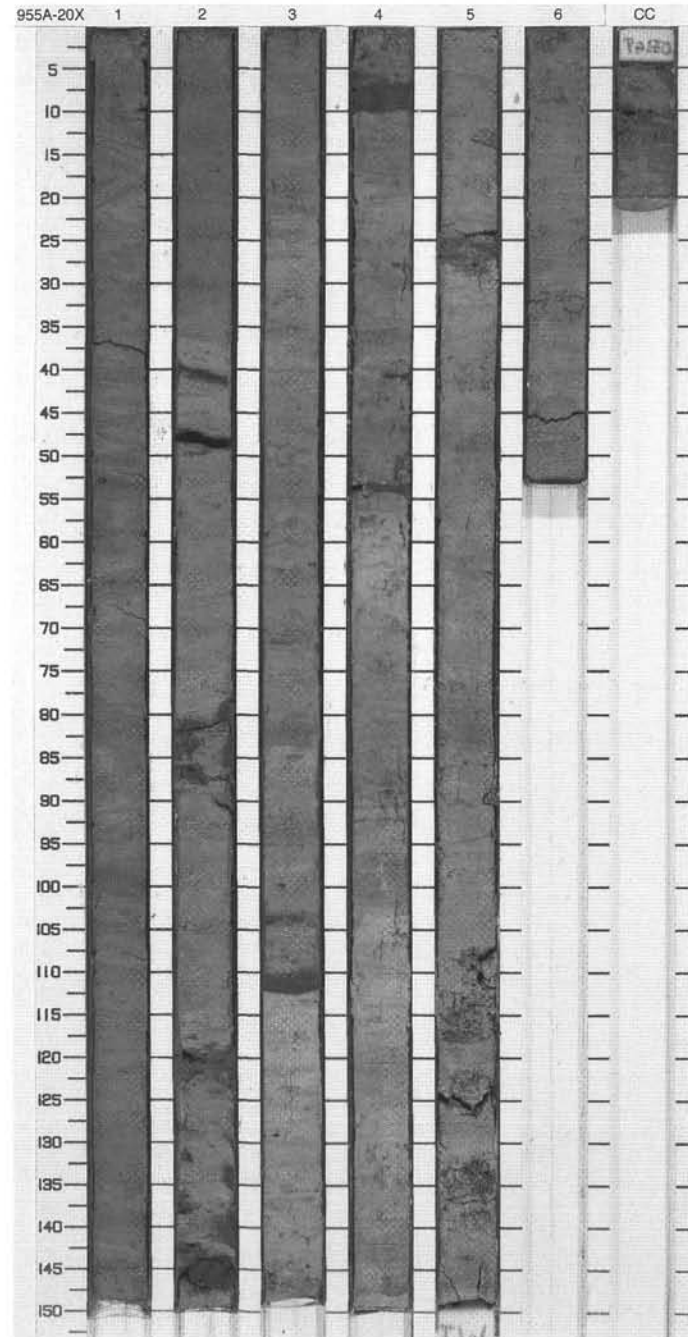
CORED 168.9 - 176.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched lithology pattern]	1		}}				CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS
2		2		}}				Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as medium to thick beds with slight mottling and moderate to heavy bioturbation and which may contain shell fragments.
3		3		}}				Minor Lithologies: QUARTZ-RICH SAND occurs as thin, discontinuous interbeds with sharp bases in Section 2, 57 and 108 cm, Section 3, 84-90 cm, Section 5, 8-14, 27-35, and 63 cm, and Section CC, 8-11 cm, and as patches, sometimes contorted and scattered within CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS in Section 1, 35-43, 105-116, and 128-142 cm, Section 4, 32-149 cm, and Section 7, 13 and 30 cm.
4		4		}}				General Description: This core consists of an alternation of the major and minor lithologies. The discontinuous character of the sandy and silty interbeds is related to slumping deformation.
5		5		}}				
6		6		}}				
7		7		}}				
8		8		}}				
9		9		}}				
		CC		}}				



SITE 955 HOLE A CORE 20X CORED 176.4 - 186.0 mbsf

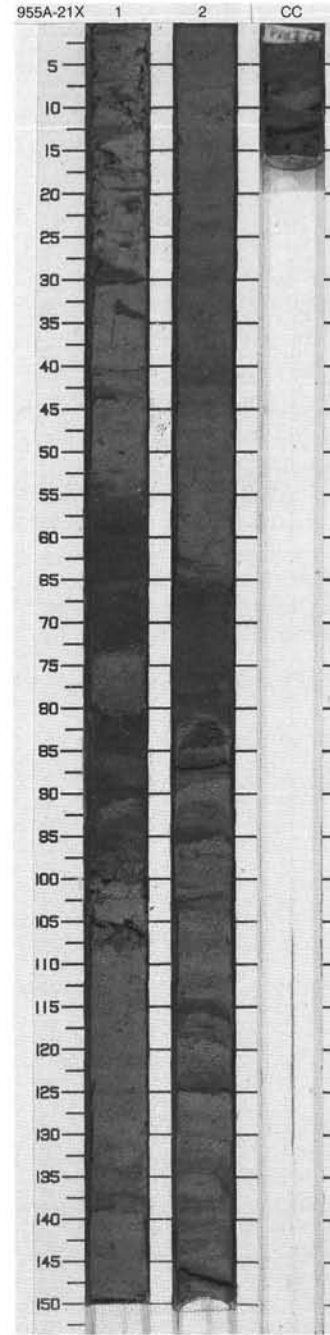
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Cross-hatched lithology]	1	Pliocene	}}			5GY 3/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS	
2		2		}}				Minor Lithologies: QUARTZ SAND and QUARTZ SILT occurs as thin continuous and discontinuous interbeds with sharp bases in Section 2, 40-41, 48-49, 81-88, 119-122, and 144-147 cm; Section 3, 103-104 and 110-112 cm, Section 4, 6-10 and 53-54 cm, and Section 5, 24-28 cm.	
3		3		}}				2.5Y 4/2 to 10Y 3/1	General Description: This core consists of an alternation of the major lithology and minor lithology. The discontinuous character of the sandy and silty interbeds may be related to slumping deformation (slanted and undulating silty and sandy interbeds).
4		4		}}					
5		5		}}				O <sup>I</sup>	
6		6		}}					
7		CC		}}	I	M			



SITE 955 HOLE A CORE 21X

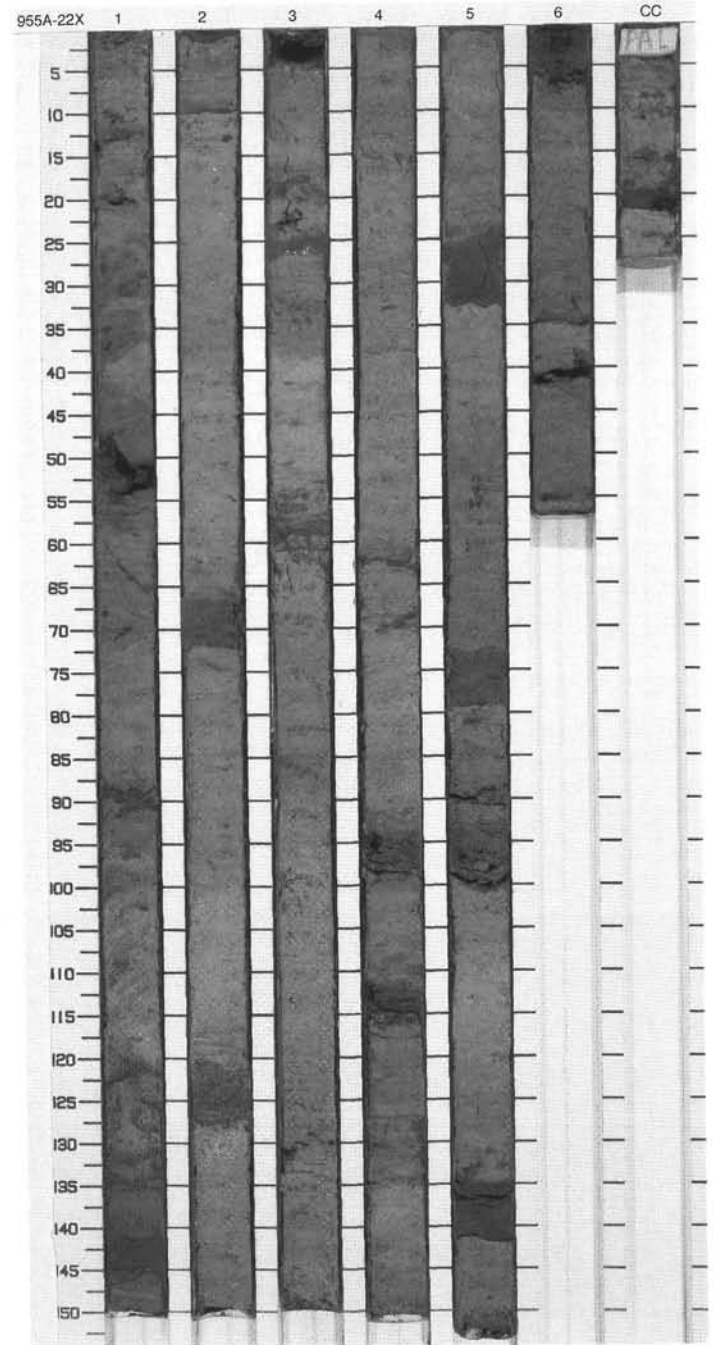
CORED 186.0 - 195.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	Pliocene	}}	v	O	10Y 3/1 to 5Y 3/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS  Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS occurs as thin to medium beds with moderate bioturbation.
2				}}				
3	[Dotted pattern]	2					5YR 3/1 to 5Y 3/1	Minor Lithologies: CALCAREOUS QUARTZ SAND occurs as commonly laminated thin to medium interbeds with sharp bases within clayey nannofossil ooze with foraminifers. With increase in clay content, CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS grades into NANNOFOSSIL CLAY MIXED SEDIMENT.



SITE 955 HOLE A CORE 22X      CORED 195.5 - 205.1 mbsf

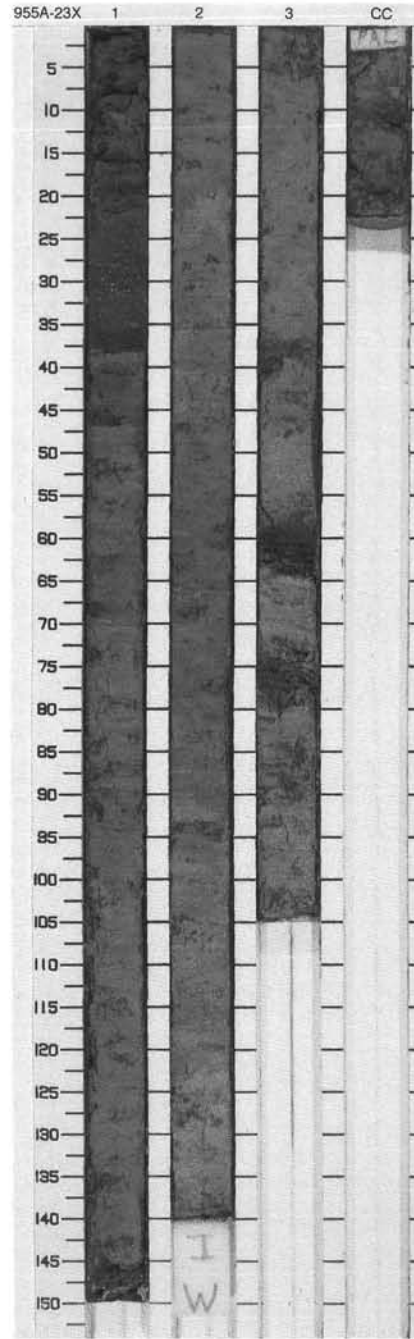
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1				5Y 4/1	<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS makes up most of the core and occurs as medium to thick, moderately mottled, slightly to moderately bioturbated beds.</p> <p>Minor Lithology: CALCAREOUS QUARTZ SAND occurs as very thin to thin massive interbeds with sharp bases.</p>
2		2				5Y 4/1 to 2.5Y 4/2	
3		3				2.5Y N2/0 to 5Y 2/1	
4		4				5GY 4/1 to 2.5Y 4/2	
5		5				5Y 4/1 to 10Y 3/1	
6		6					
7							
8							
		CC					



SITE 955 HOLE A CORE 23X

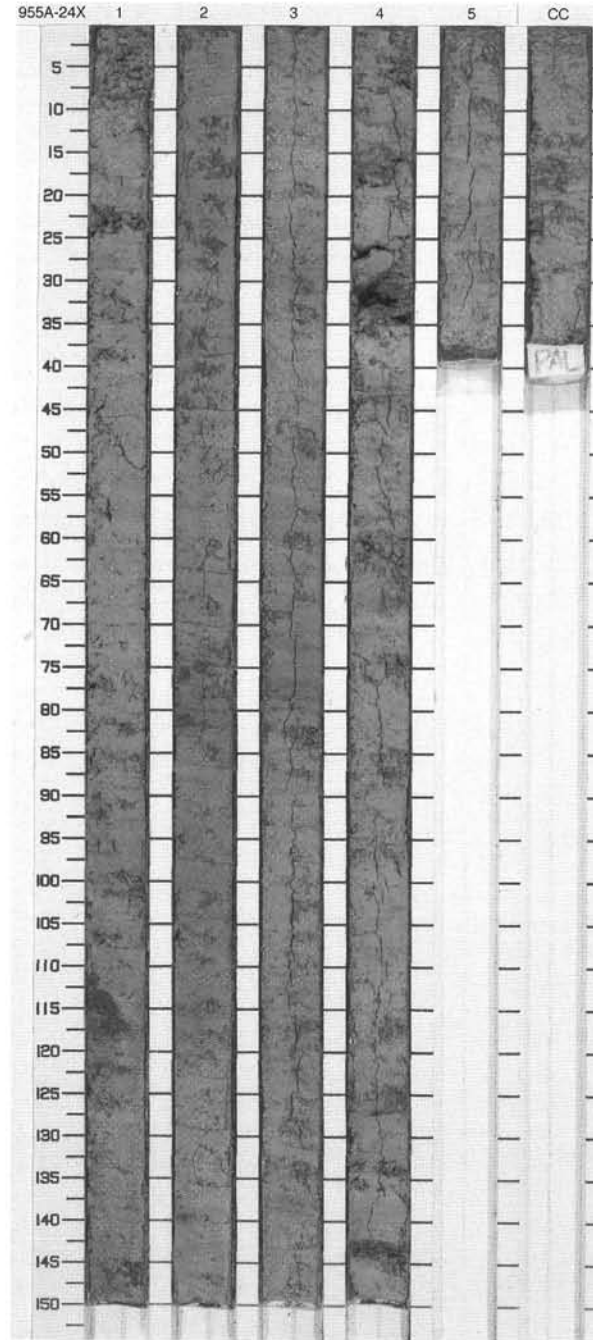
CORED 205.1 - 214.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[stippled pattern]	1	Pliocene	[horizontal lines]	-		5Y 3/1 to 5Y 4/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and QUARTZ SAND
2	[stippled pattern]	2						
3	[stippled pattern]	3						
4	[stippled pattern]	CC					5GY 4/1 to 5Y 4/1	Minor Lithology: CALCAREOUS QUARTZ SAND occurs as a very thin interbed within CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS in Section 1, 44-46 cm.
						O		
								M



SITE 955 HOLE A CORE 24X CORED 214.6 - 224.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1	Pliocene	-	-	O	5Y 5/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS  Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS makes up most of the core. It is slightly to moderately mottled, otherwise fairly structureless.
2		2					5GY 4/1	Minor Lithology: QUARTZ LITHIC SAND occurs as a granular, very disturbed band in Section 1, 113 cm, and Section 4, 30-33 cm.
3		3					5GY 4/1	General Description: Color is very uniform in this core.
4		4					5GY 5/1	
5		5						
6	CC					M		

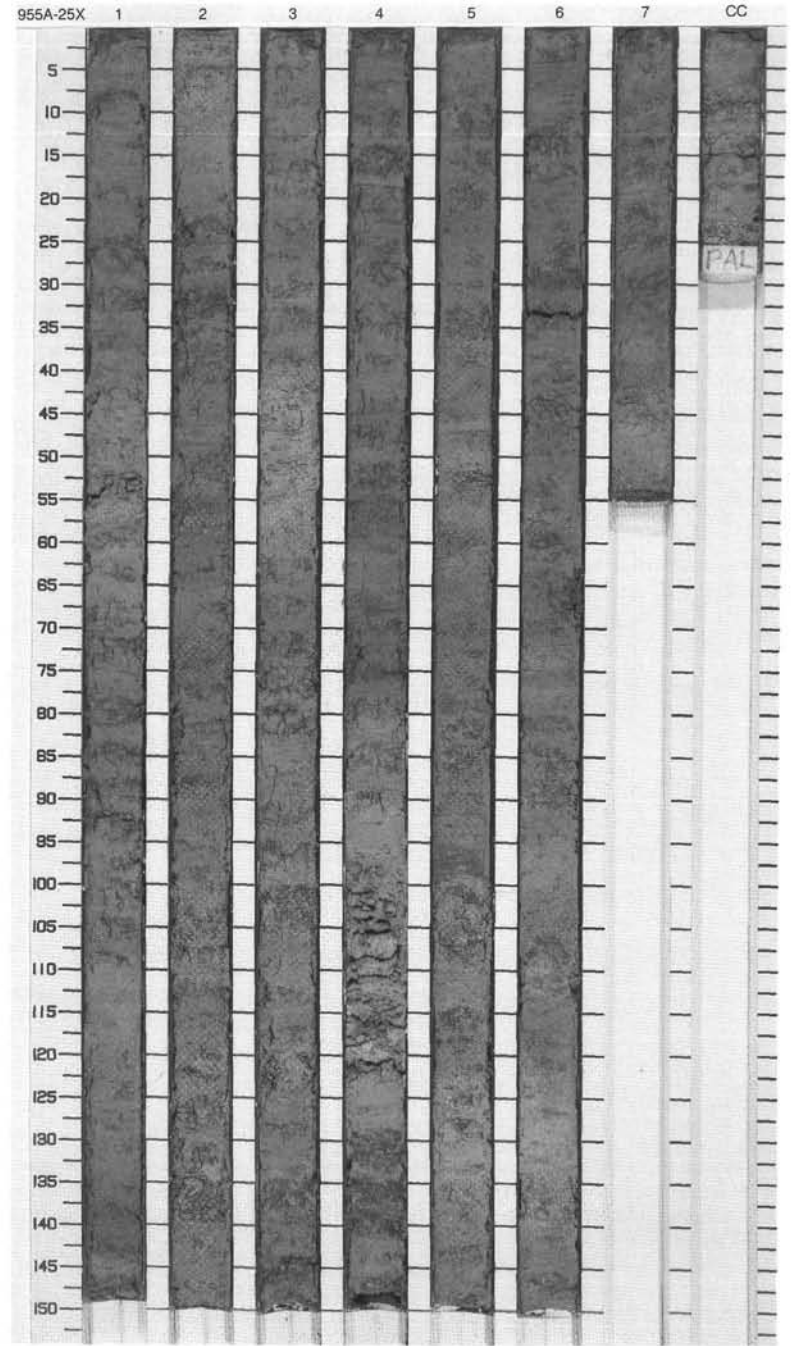




SITE 955 HOLE A CORE 25X

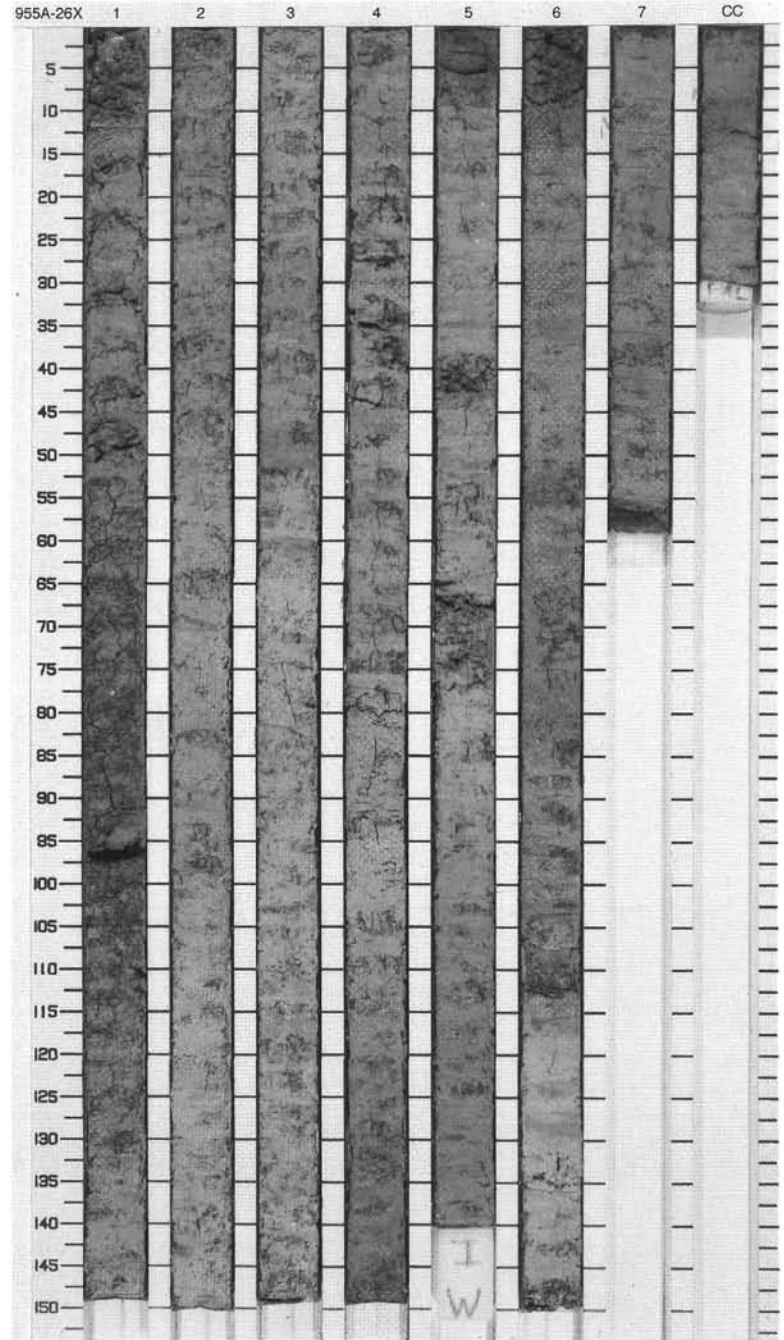
CORED 224.3 - 234.0 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1	}}			10G 5/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS
2	[Cross-hatched pattern]	2	}}			5Y 4/1	Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS makes up the entire core. It is slightly bioturbated throughout but otherwise structureless.
3	[Cross-hatched pattern]	3	}}			2.5YR 4/2	General Description: Core is slightly disturbed throughout.
4	[Cross-hatched pattern]	4	}}			10Y 4/1	
5	[Cross-hatched pattern]	5	}}			10Y 4/1	
6	[Cross-hatched pattern]	6	}}			10Y 4/1	
7	[Cross-hatched pattern]	7	}}			5GY 4/1	
		CC					

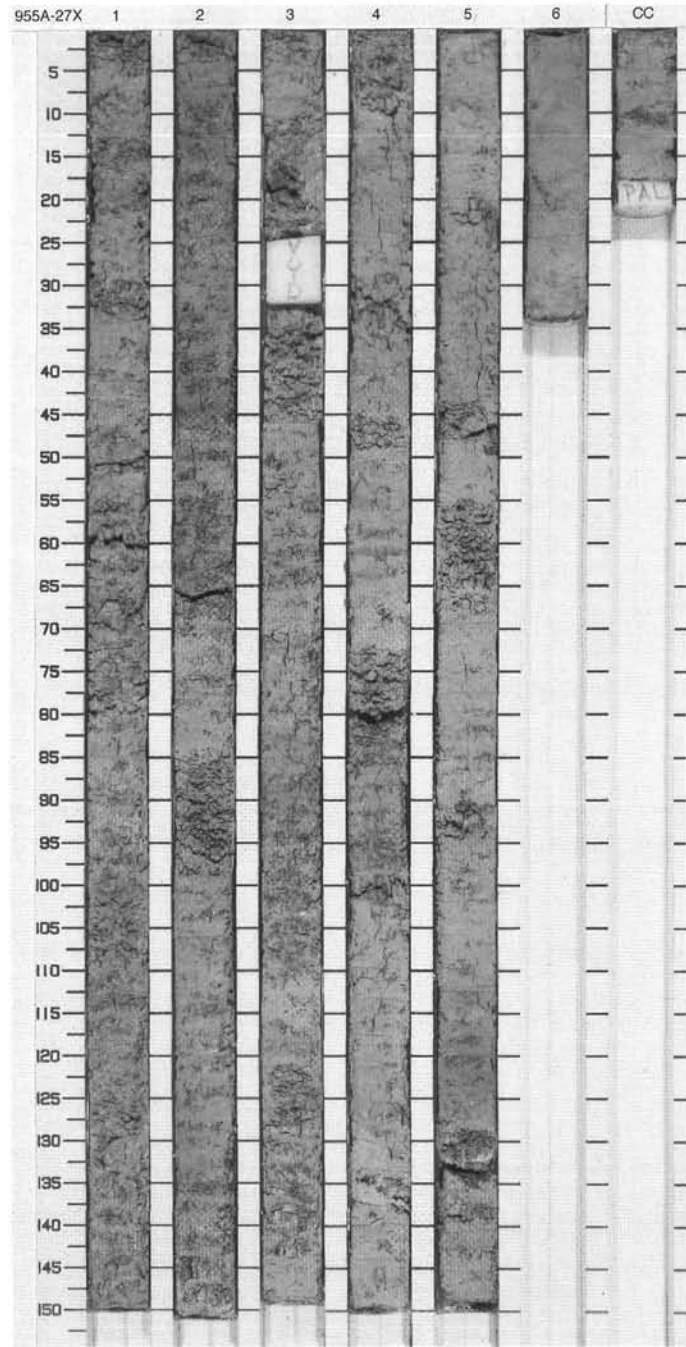


SITE 955 HOLE A CORE 26X CORED 234.0 - 243.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1					5GY 4/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS makes up the entire core. It is slightly to moderately mottled, but otherwise structureless.
2	[Cross-hatched pattern]	2					7.5GY 5/1	General Description: This core is slightly disturbed throughout and rather uniform in color.
3	[Cross-hatched pattern]	3						
4	[Cross-hatched pattern]	4						
5	[Cross-hatched pattern]	5	early Pliocene				10Y 6/1	
6	[Cross-hatched pattern]	6						
7	[Cross-hatched pattern]	7						
8	[Cross-hatched pattern]	6					5GY 5/1	
9	[Cross-hatched pattern]	7					10Y 5/1	
		CC				M		

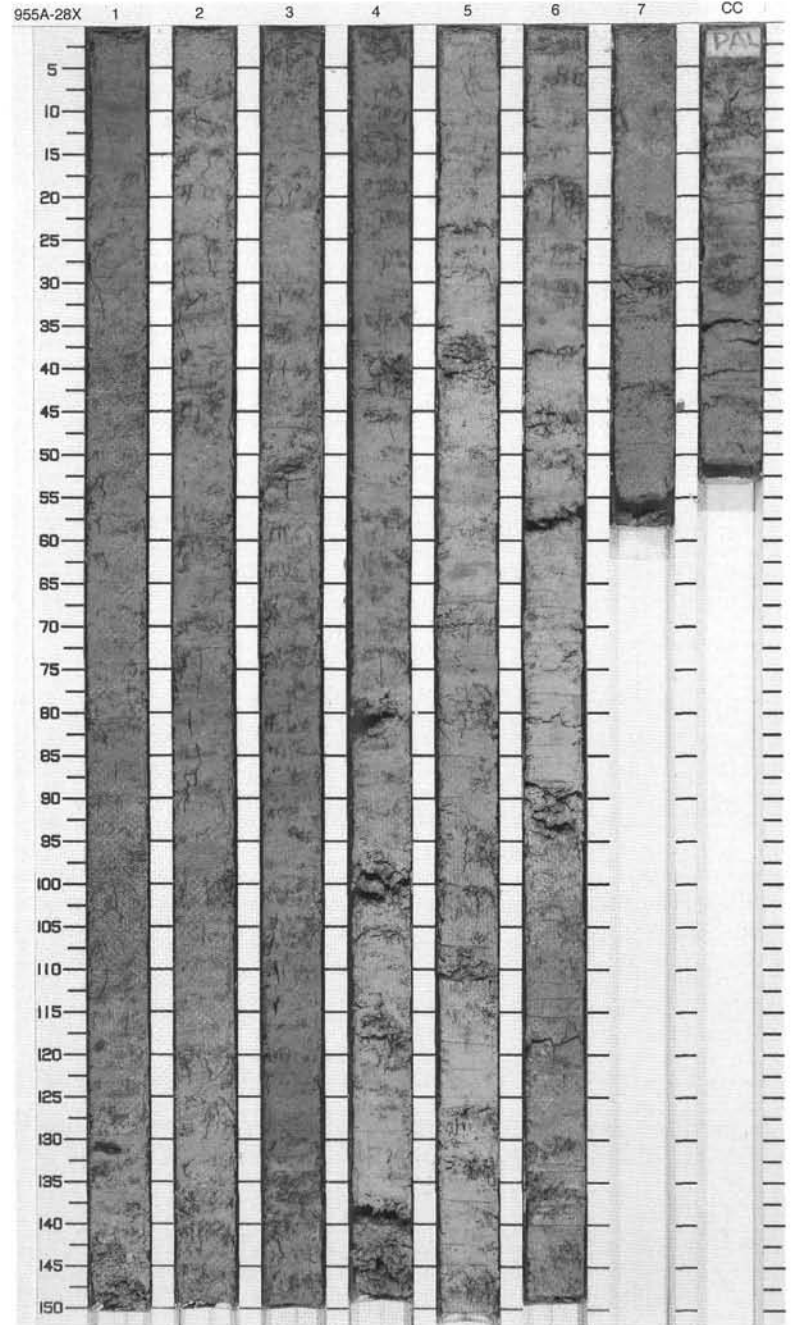


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	early Pliocene					<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS makes up the entire core. It is slightly to moderately mottled, but otherwise structureless.</p> <p>General Description: Core is slightly disturbed throughout and the color rather uniform. Colors range between 0.4GY 5/1 and 10GY 4/1.</p>
2	[Pattern]	2				S		
3	[Pattern]	3						
4	[Pattern]	4						
5	[Pattern]	5				O		
6	[Pattern]	6						
7	[Pattern]	CC						
8	[Pattern]	CC						



SITE 955 HOLE A CORE 28X CORED 253.3 - 263.0 mbsf

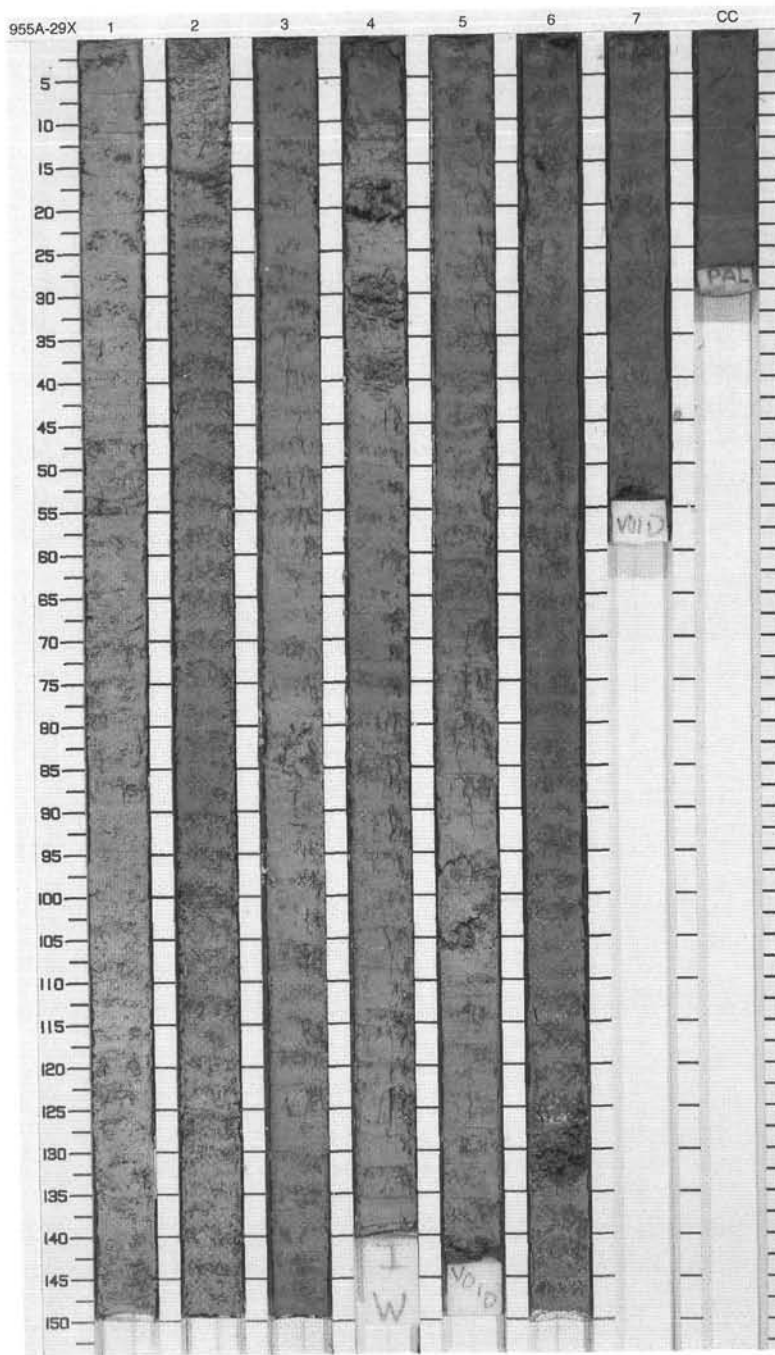
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Cross-hatched pattern]	1					2.5G 4/0	<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS makes up the entire core. It is slightly to moderately mottled, but otherwise structureless.</p> <p>General Description: This core is slightly disturbed throughout and color is rather uniform.</p>	
2		2				10Y 5/1			
3		3					7.5GY 4/1		
4		4	early Pliocene						
5		5							
6		6					O		10Y 5/1
7		7	7						
8	8	8					5GY 5/1		
9	9	9					10Y 5/1		
10	CC	CC				M			



SITE 955 HOLE A CORE 29X

CORED 263.0 - 272.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1		(P)			5GY 5/1	<p>CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS</p> <p>Major Lithology: This core consists of slightly mottled, structureless, CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS, which contains rare pyrite concretions.</p> <p>Minor Lithology: FORAMINIFER PYRITIC SAND occurs as a very thin disturbed bed in Section 2, 15-16 cm.</p> <p>General Description: This core is slightly disturbed throughout and color is rather uniform.</p>
2	[Cross-hatched pattern]	2						
3	[Cross-hatched pattern]	3						
4	[Cross-hatched pattern]	4					5GY 4/1	
5	[Cross-hatched pattern]	5	late Miocene				5GY 5/1	
6	[Cross-hatched pattern]	6		(P)			5Y 4/1	
7	[Cross-hatched pattern]	7		(P)			10Y 4/1	
		CC				M		

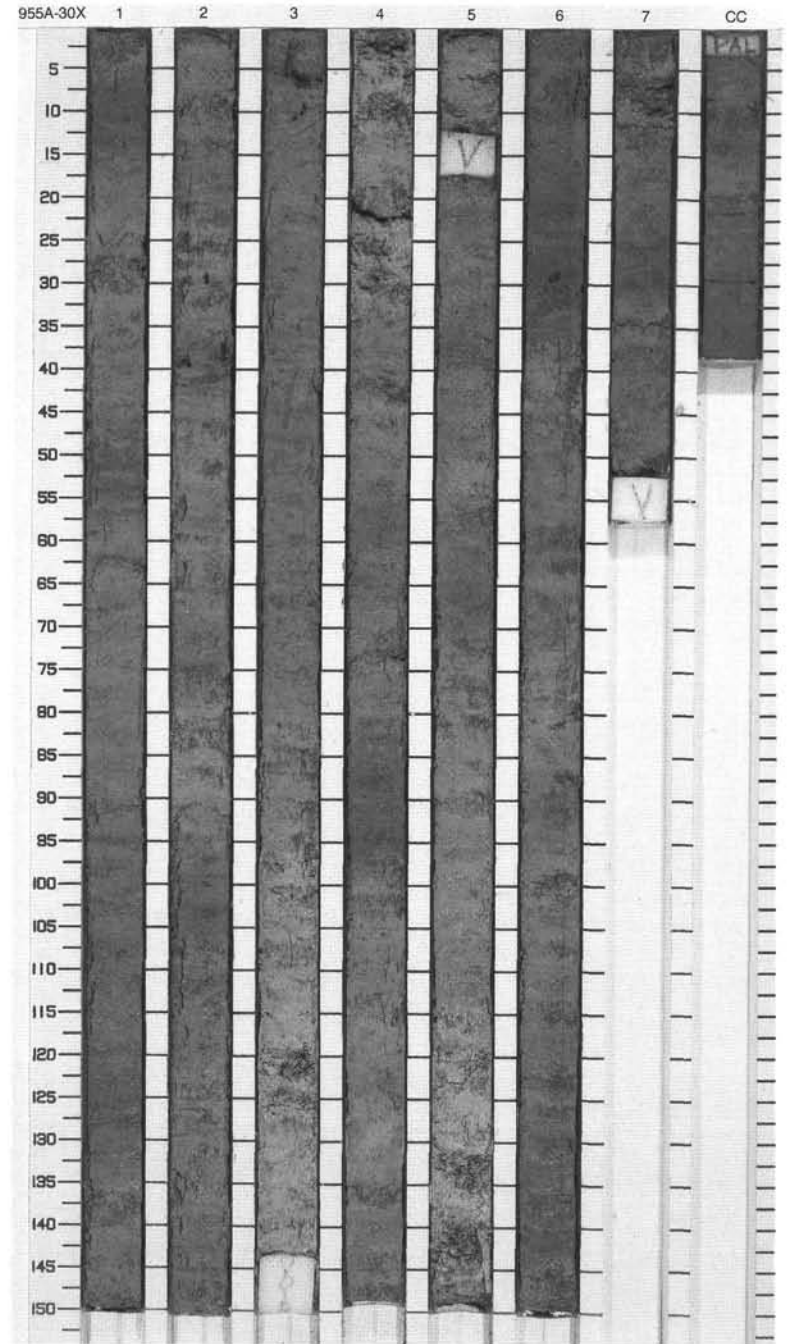


SITE 955

## SITE 955 HOLE A CORE 30X

CORED 272.7 - 282.2 mbsf

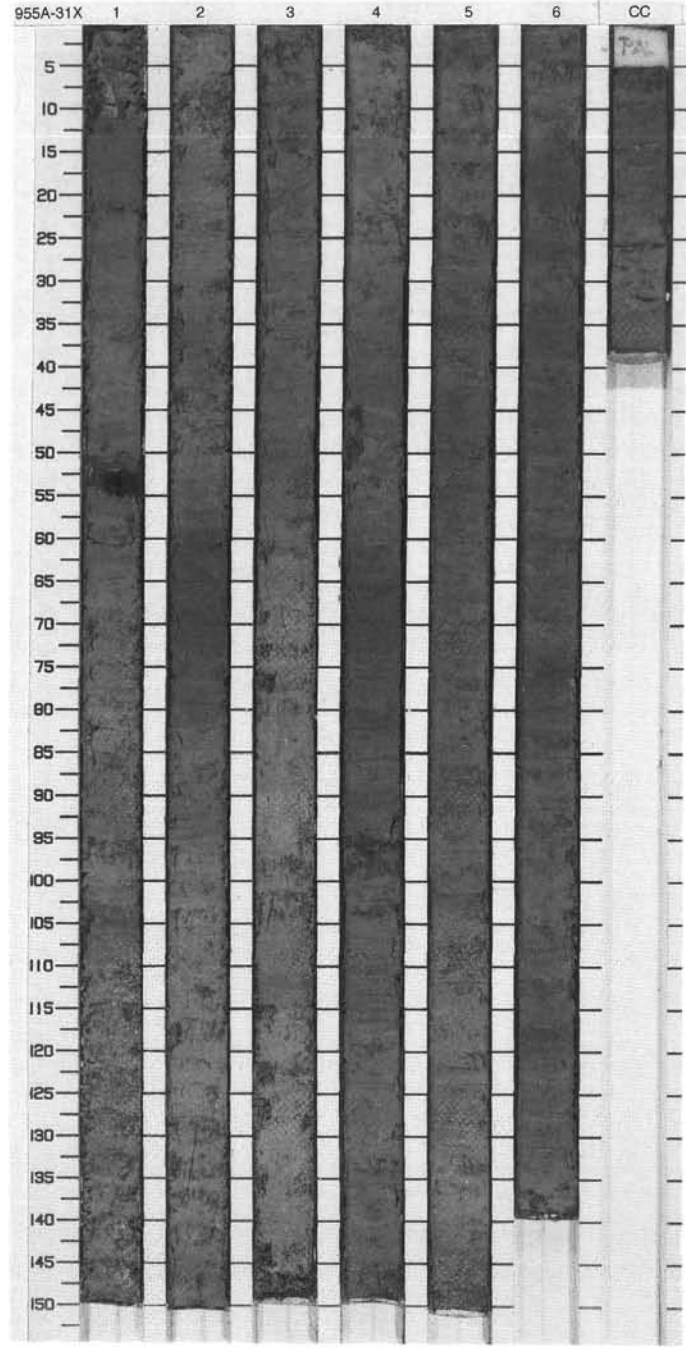
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1	(P) } }			10GY 4/0	CLAYEY NANNOFOSSIL OOZE  Major Lithology: Moderately to slightly bioturbated throughout. Scattered pyrite nodules.
2		2	(P) } }			5GY 4/1	
3		3	(P) } }			5GY 4/1	
4		4	(P) } (P) } }		O	7.5GY 4/1 to 10Y 4/1	
5		5	}}			10GY 4/0	
6		6	(P) } }}			10Y 4/1 to 5GY 4/1	
7		7	}}				
CC					M		



SITE 955 HOLE A CORE 31X

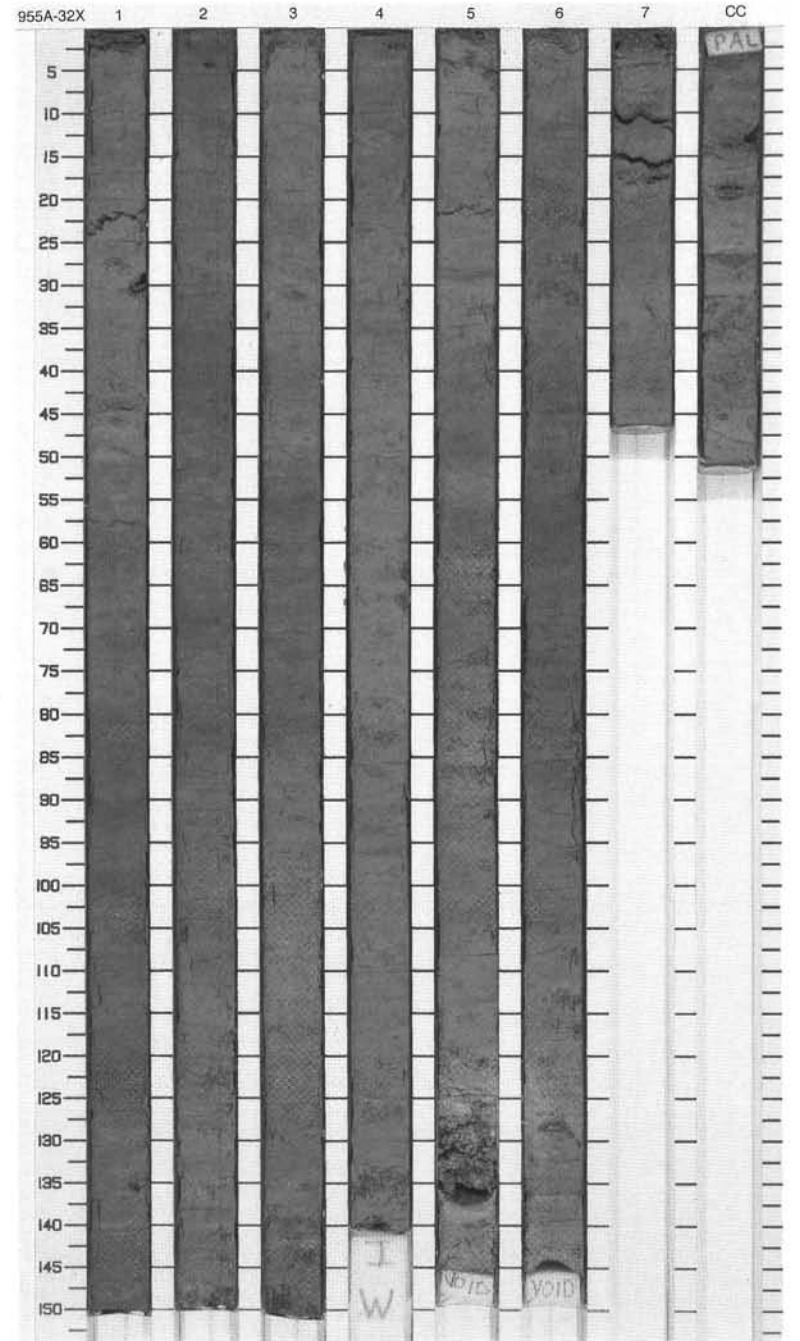
CORED 282.2 - 291.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1	[Patterned Lithology]	1	late Miocene	}}			10Y 4/1 to 5GY N4/0	CLAYEY NANNOFOSSIL OOZE Major Lithology: This core consists of slightly to moderately bioturbated CLAYEY NANNOFOSSIL OOZE.	
2							10Y 5/1 to 10G 3/1		
3							5GY 4/1		
4									
5									
6							O		5GY 3/1 to 10Y 4/1
7									
8									
9							6		10Y 4/1
CC	M	10Y 4/1							



SITE 955 HOLE A CORE 32X CORED 291.7 - 301.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}				<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT makes up the entire core. It is moderately to strongly bioturbated throughout and shows minor greenish staining. Rare scattered pyrite and pyrite concretions.</p> <p>General Description: Color of this core is rather uniform.</p>
2	[Pattern]	2		}}			5Y 3/1 to 5Y 4/1	
3	[Pattern]	3		}}			10Y 4/1	
4	[Pattern]	4		}}			5GY 4/1	
5	[Pattern]	4	late Miocene	}}			5Y 4/1 to 10Y 4/1	
6	[Pattern]	5		}}			5GY 4/1	
7	[Pattern]	6		}}			5Y 4/1 to 10Y 4/1	
8	[Pattern]	6		}}			5Y 4/1 to 10Y 4/1	
9	[Pattern]	7		}}			5GY 4/1	
	[Pattern]	CC		}}			5GY 4/1	

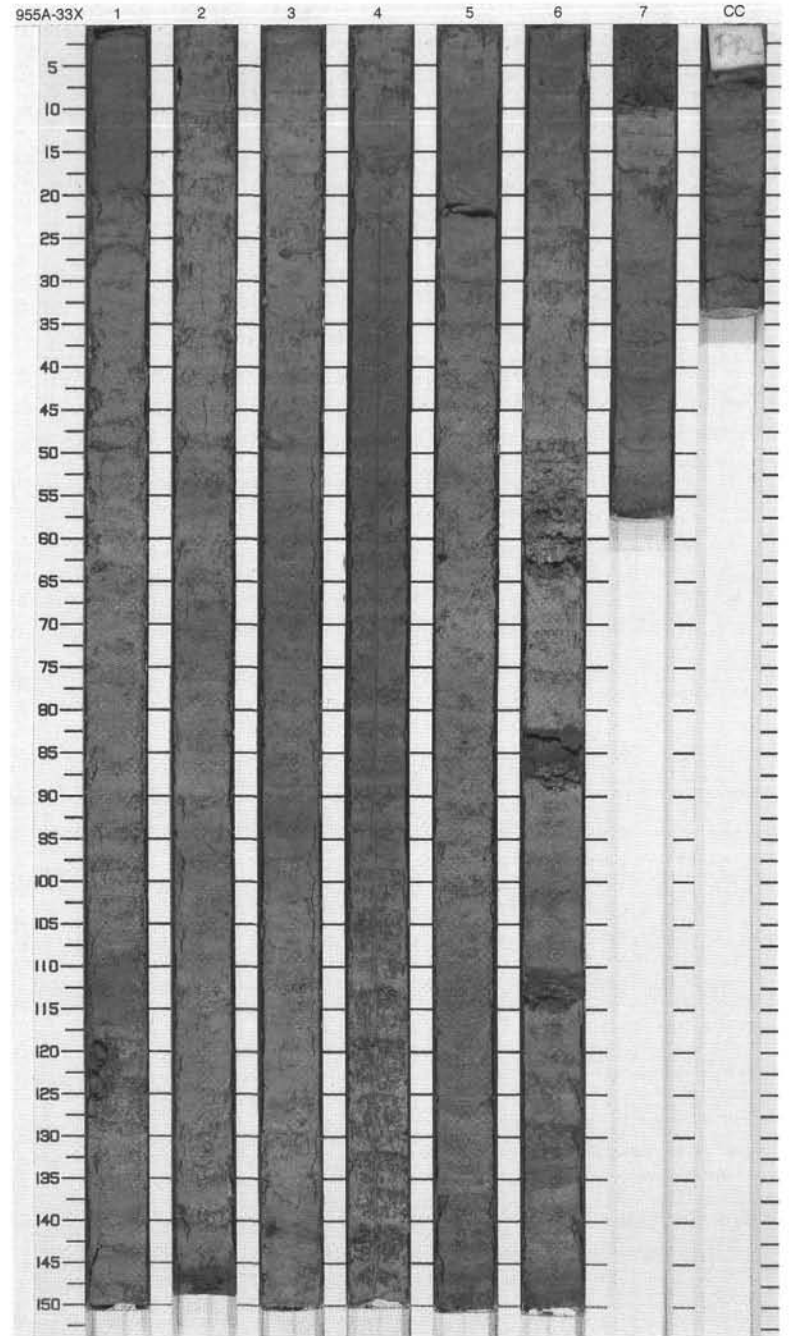




SITE 955 HOLE A CORE 33X

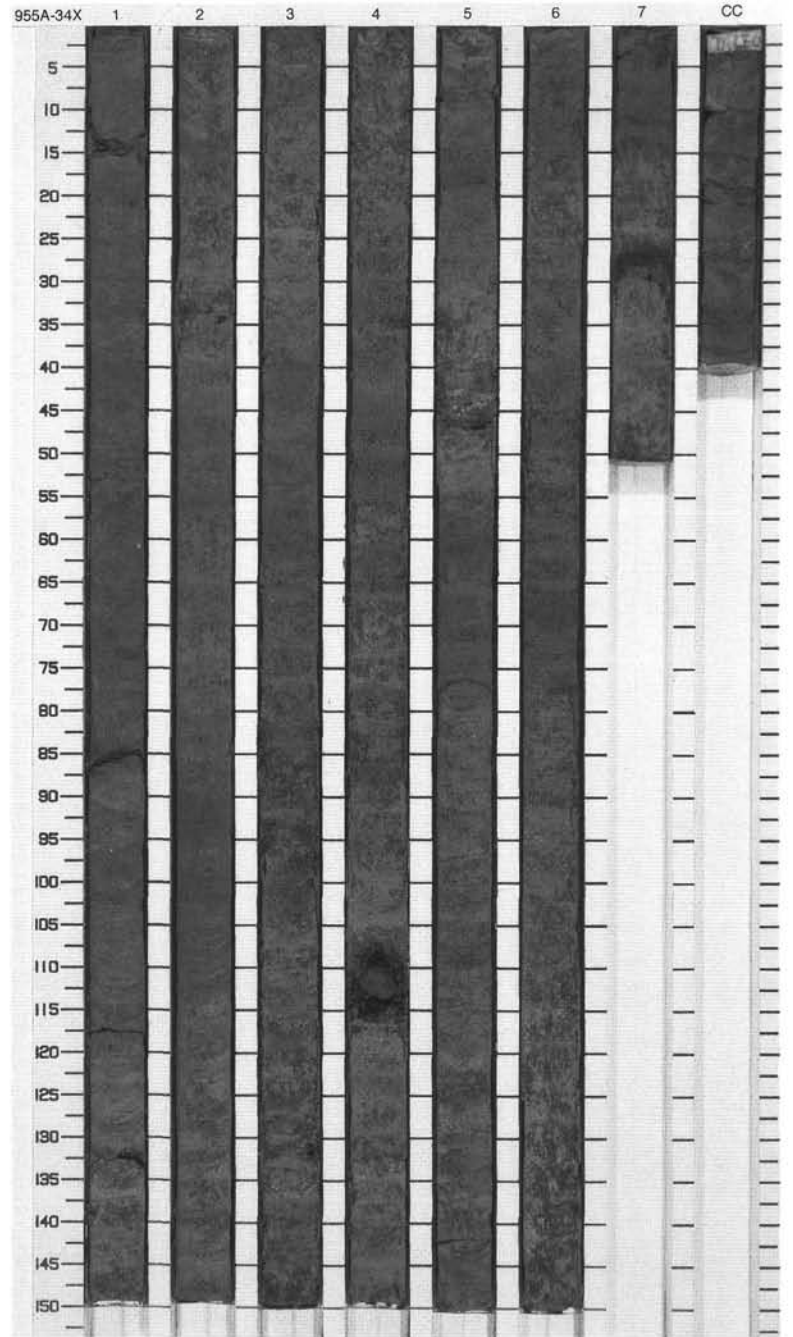
CORED 301.2 - 310.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		(P) } (P)			5Y 4/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT and NANNOFOSSIL CLAY</p> <p>Major Lithologies: CLAYEY NANNOFOSSIL MIXED SEDIMENT makes up virtually the entire core. It is moderately to strongly bioturbated throughout and shows minor greenish staining. Rare scattered pyrite and pyrite concretions.</p> <p>Minor Lithologies: QUARTZ SAND occurs as thin beds with sharp tops and bottoms in Section 6, at 83-88 and 11-114 cm, and in Section CC, at 7 cm.</p> <p>General Description: The core consists almost exclusively of CLAYEY NANNOFOSSIL MIXED SEDIMENT with very thin interbeds of QUARTZ SAND.</p>
2	[Pattern]	2		} (P)			7.5GY 4/1	
3	[Pattern]	3		(P) } (P)			5GY 4/1	
4	[Pattern]	4	late Miocene	}				
5	[Pattern]	5		(P) } (P)				
6	[Pattern]	6			O			
7	[Pattern]	7		(P) } (P)			10Y 4/1	
9	[Pattern]	CC		P } (P)		M		



SITE 955 HOLE A CORE 34X CORED 310.8 - 320.4 mbsf

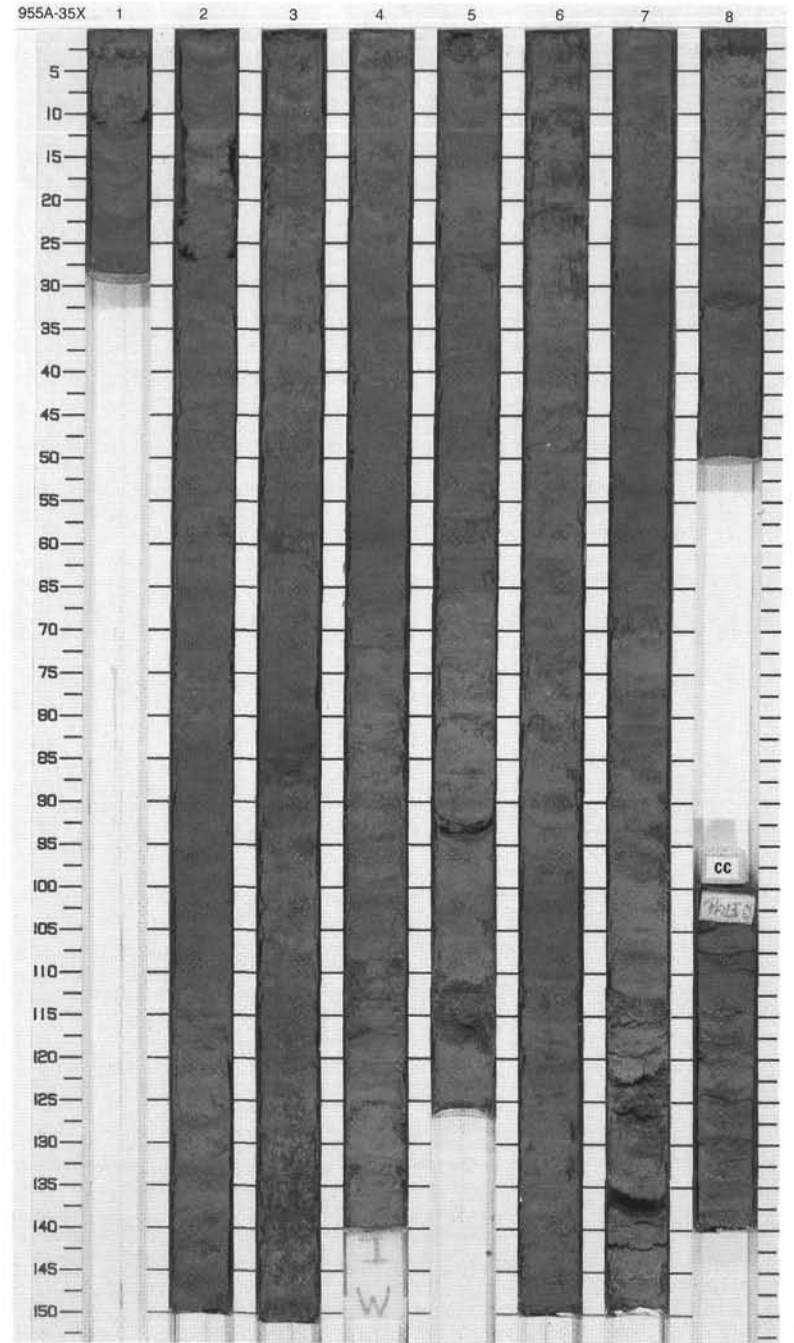
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene	}}			5GY 3/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mainly of indurated CLAYEY NANNOFOSSIL MIXED SEDIMENT, moderately to extensively bioturbated and mottled through.</p> <p>Minor Lithologies: Minor beds of black QUARTZ SAND occur in Section 1, at 84-85 and 133 cm, and Section 7, at 27-28 cm; FORAMINIFER SAND occurs in Section 2, at 31-33 cm; and a ZEOLITIC ASH layer occurs in Section 5, at 42-45 cm.</p> <p>General Description: This core consists of the major lithology with very thin, disrupted interbeds of the three minor lithologies.</p>
2	[Pattern]	2		}}				
3	[Pattern]	3		}}				
4	[Pattern]	4		}}				
5	[Pattern]	5		}}				
6	[Pattern]	6		}}				
7	[Pattern]	7		}}				
8	[Pattern]	CC						
								M



SITE 955 HOLE A CORE 35X

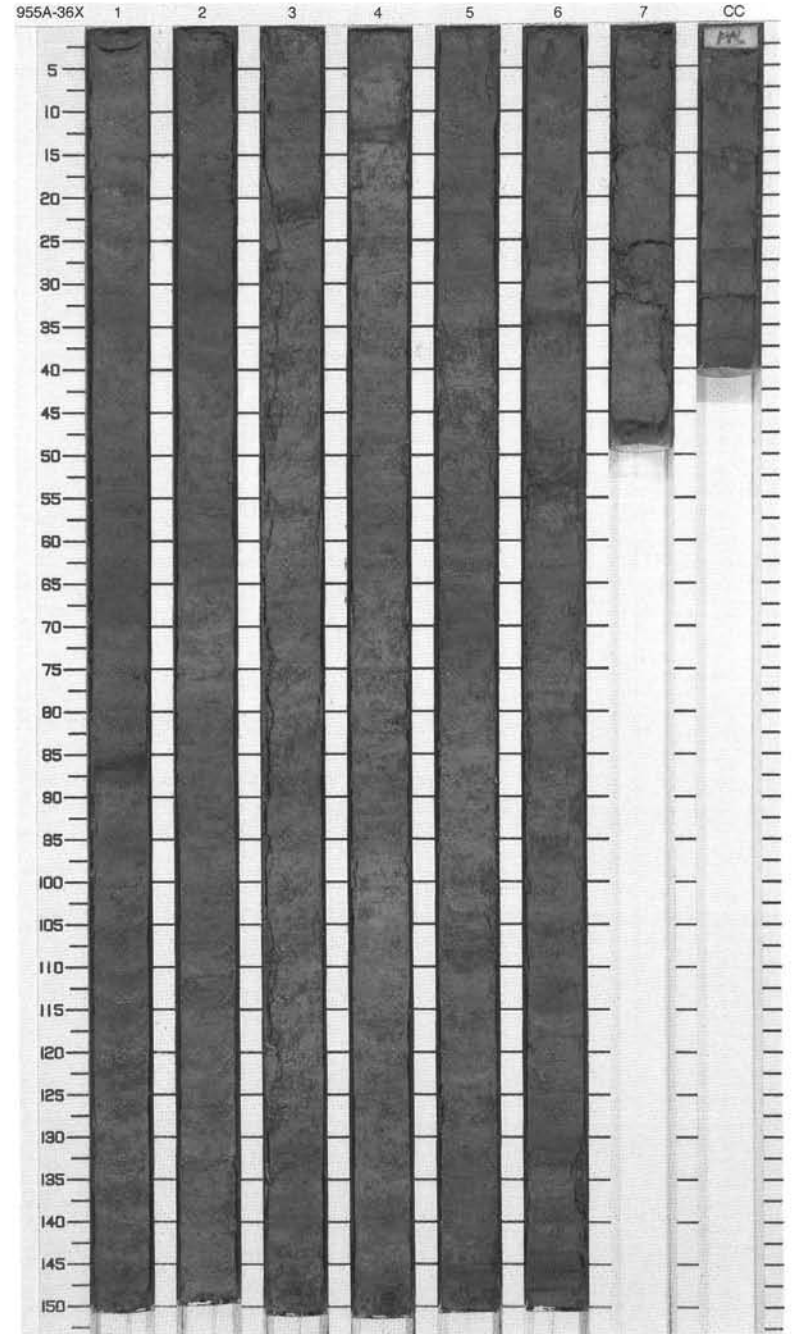
CORED 320.4 - 330.1 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Cross-hatched pattern]	1	}}				<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT</p> <p>Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is moderately to strongly bioturbated throughout and shows minor greenish staining.</p> <p>Minor Lithologies: Black QUARTZ SAND occurs as thin beds in Section 8, at 2-3 cm; black QUARTZ SILT occurs as thin beds in Section 3, at 60-61 and 138-139 cm and dark gray FORAMINIFER QUARTZ SAND occurs in Section 4, at 109-113 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of the minor lithologies.</p>
2	[Cross-hatched pattern]	2	}}			5GY 3/1 to 5Y 4/1	
3	[Cross-hatched pattern]	3	}}				
4	[Cross-hatched pattern]	4	}}				
5	[Cross-hatched pattern]	5	}}	I	O		
6	[Cross-hatched pattern]	5	}}			5GY 4/1 to 5Y 4/1	
7	[Cross-hatched pattern]	6	}}				
8	[Cross-hatched pattern]	6	}}				
9	[Cross-hatched pattern]	7	}}				
10	[Cross-hatched pattern]	8	}}			5GY 4/1	
	CC						
							M



SITE 955 HOLE A CORE 36X CORED 330.1 - 339.6 mbsf

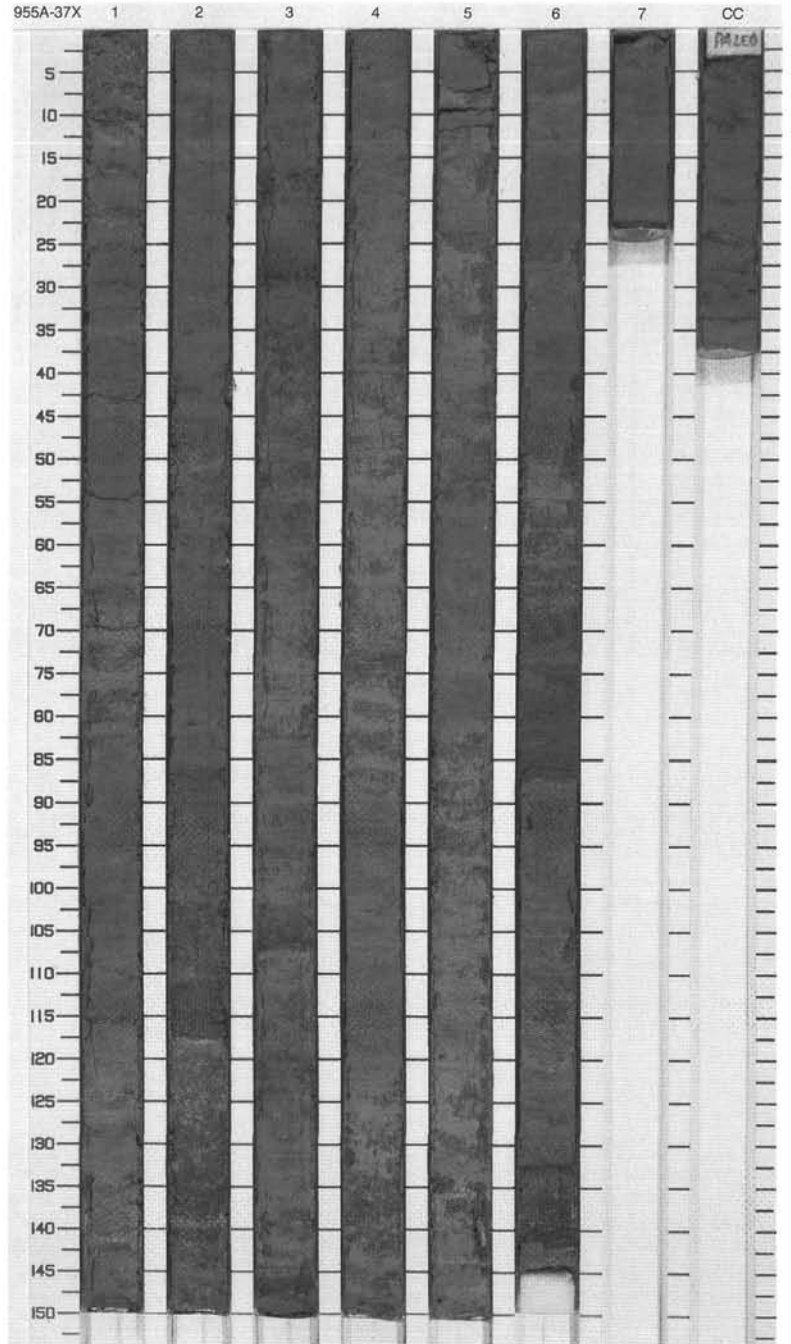
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene	}}			5Y 4/1	<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT</p> <p>Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is slightly to moderately bioturbated throughout and shows minor greenish staining.</p> <p>Minor Lithologies: Black QUARTZ SAND occurs as thin beds in Section 2, at 75, 93, and 102 cm; in Section 6, at 52-53 cm; and in Section CC, at 26-27 cm; black QUARTZ SILT occurs as thin beds in Section 3, at 20-22 cm and dark gray FORAMINIFER QUARTZ SAND occurs in Section 4, at 10-13 cm and in Section 6, at 67-72 cm. Lower contacts are often sharp, if not disrupted.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of QUARTZ SAND and SILT and FORAMINIFERAL SAND.</p>
2	[Pattern]	2						
3	[Pattern]	3						
4	[Pattern]	4						
5	[Pattern]	5						
6	[Pattern]	6						
7	[Pattern]	7						
8	[Pattern]	CC	O	5GY 3/1 to 10Y 4/1				
9	[Pattern]	CC	M	5GY 4/1				



SITE 955 HOLE A CORE 37X

CORED 339.6 - 349.1 mbsf

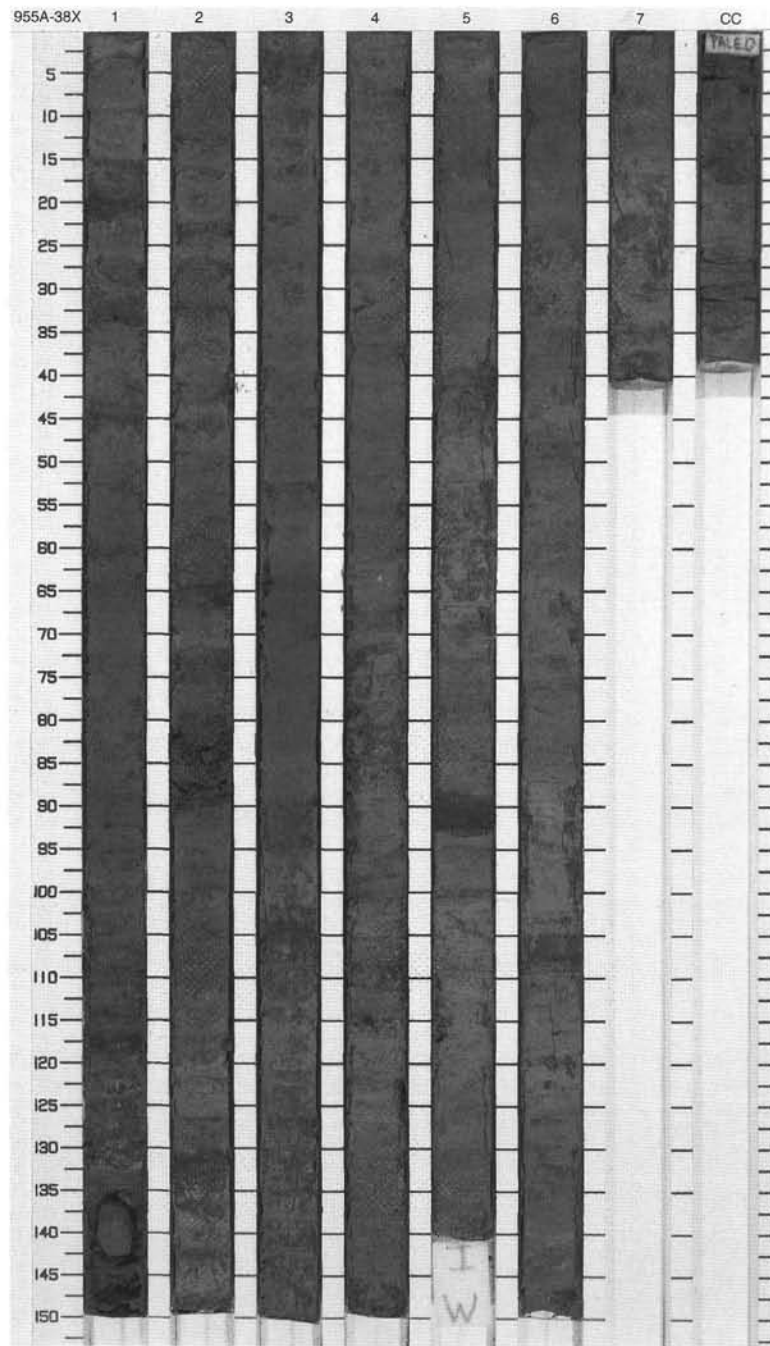
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}				<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT</p> <p>Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is moderately bioturbated throughout and shows minor greenish staining.</p> <p>Minor Lithologies: Black QUARTZ SAND occurs as a medium bed, with parallel- and cross-lamination in Section 6, at 74-87 cm; black QUARTZ SILT occurs as thin beds in Section 1, at 116 cm, in Section 2, at 41-42 cm, and in Section 3, at 16-17, 102-107, 146-148, and 120-124 cm; dark gray FORAMINIFER QUARTZ SAND occurs in Section 4, at 72-75 and 3-3.5 cm; and CALCAREOUS SAND WITH PYRITE occurs in Section 2, at 115-117 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of QUARTZ SAND, QUARTZ SILT, and FORAMINIFER QUARTZ SAND and CALCAREOUS SAND WITH PYRITE.</p>
2	[Pattern]	2	P	}}			5GY 4/1	
3	[Pattern]	3		}}				
4	[Pattern]	3		}}				
5	[Pattern]	4	late Miocene	}}				
6	[Pattern]	5		}}	O		10Y 3/1	
7	[Pattern]	6		}}				
8	[Pattern]	6		}} 			7.5GY 3/1	
9	[Pattern]	7		}}				
	[Pattern]	CC						M



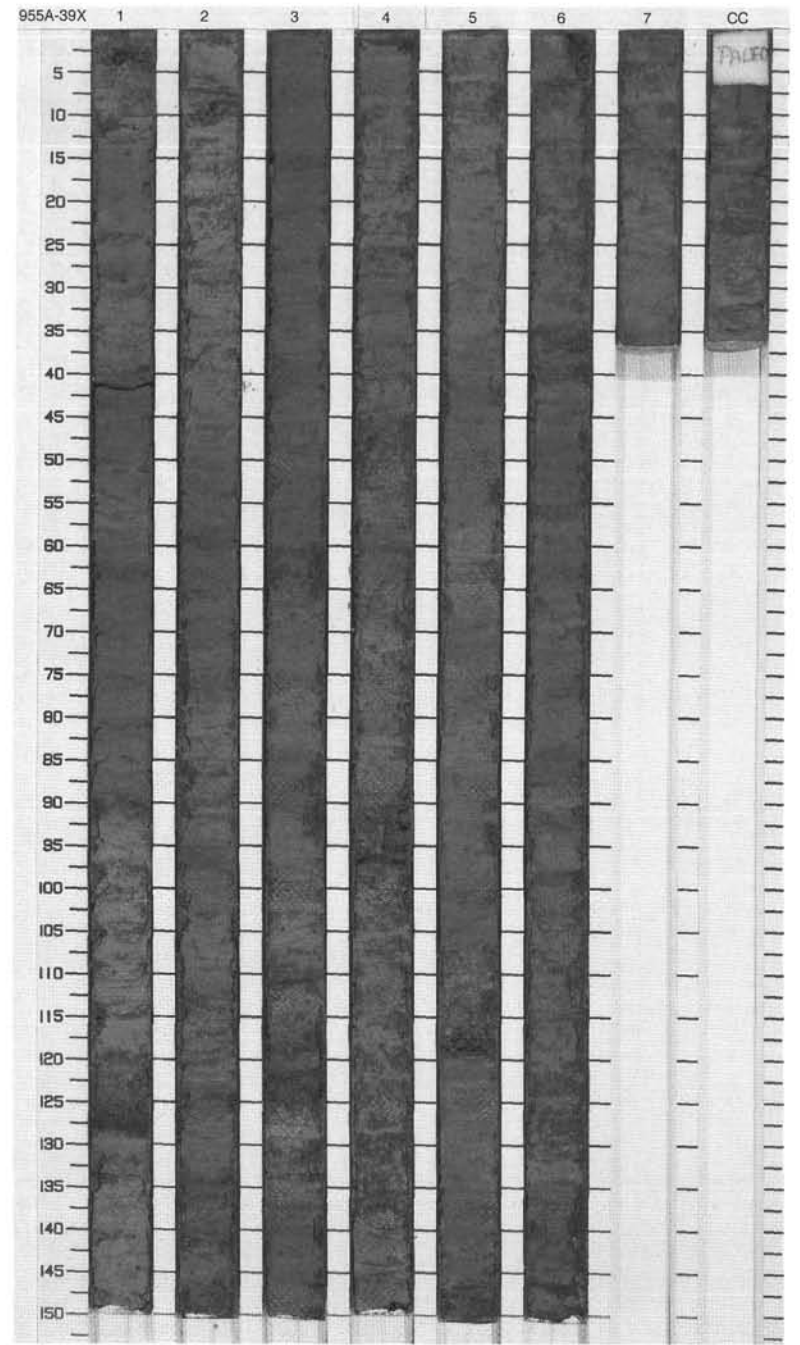
## SITE 955 HOLE A CORE 38X

CORED 349.1 - 358.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description				
1	[Pattern]	1	late Miocene	P			5Y 3/1	NANNOFOSSIL CLAYEY MIXED SEDIMENT				
2	[Pattern]	2									Minor Lithologies: Black QUARTZ SILTY SAND occurs as thin beds in Section 1, 19-22, 31-33, 44-45, 60-61, and 92-93 cm, in Section 2, 23-24, 64-65, 83-89, and 131-132 cm, in Section 3, 3-4 cm, in Section 4, 32, 71, and 115 cm, in Section 5, 39-40 and 89-93 cm, in Section 6, 105-108 cm (with parallel-lamination) and in Section CC, 31 cm; dark gray FORAMINIFER QUARTZ SAND occurs in Section 3, 104-106 and 130-134 cm, in Section 6, 8-10 cm; NANNOFOSSIL CLAY occurs in Section 1, 117-118 cm; and PYRITIC NANNOFOSSIL CLAY occurs in Section 1, 137-144 cm.	
3	[Pattern]	3										General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of the minor lithologies.
4	[Pattern]	4										
5	[Pattern]	5										
6	[Pattern]	6										
7	[Pattern]	7										
	[Pattern]	CC										
								O <sup>1</sup>				
								M				



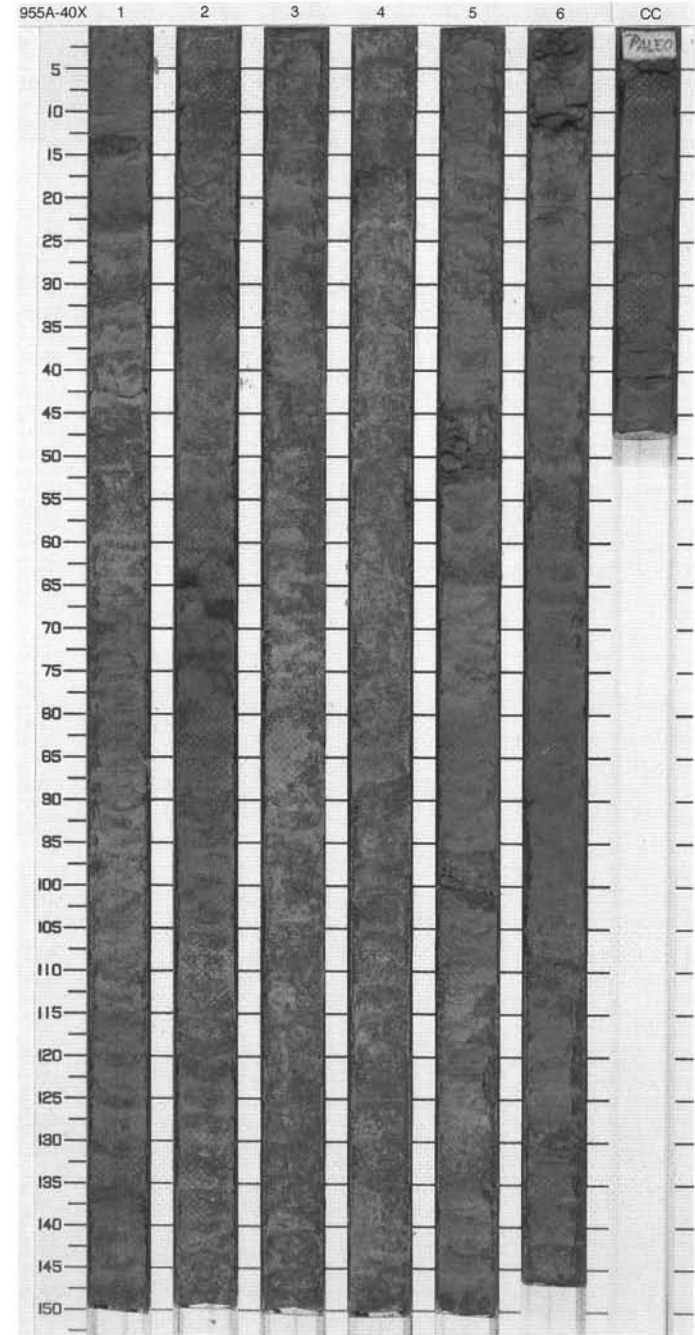
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene	P	O			<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT</p> <p>Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is moderately to strongly bioturbated throughout and shows minor greenish staining. Rare scattered pyrite.</p> <p>Minor Lithologies: Black QUARTZ SILTY SAND occurs as thin beds in Section 1, at 134 cm, in Section 2, at 8-9 and 113-114 cm, in Section 3, at 15-16, 20-20.5, 60-64, 108-111, and 140 and 85-89 cm (with shell fragments) and in Section 4, at 1-2 cm; dark gray FORAMINIFER QUARTZ SAND occurs in Section 1, at 123-129 cm, in Section 4, at 93-97 cm, and in Section CC, at 11, 14, 16, 20-21, and 32 cm; and PYRITIC NANNOFOSSIL CLAY occurs in Section 3, at 120-125 cm and in Section 5, at 117-118 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of the minor lithologies.</p>
2	[Pattern]	2						
3	[Pattern]	3						
4	[Pattern]	3						
5	[Pattern]	4						
6	[Pattern]	5						
7	[Pattern]	5						
8	[Pattern]	6				7.5GY 4/1		
9	[Pattern]	7				10Y 4/1 to 7.5GY 2.5/1		
	[Pattern]	CC					M	



## SITE 955 HOLE A CORE 40X

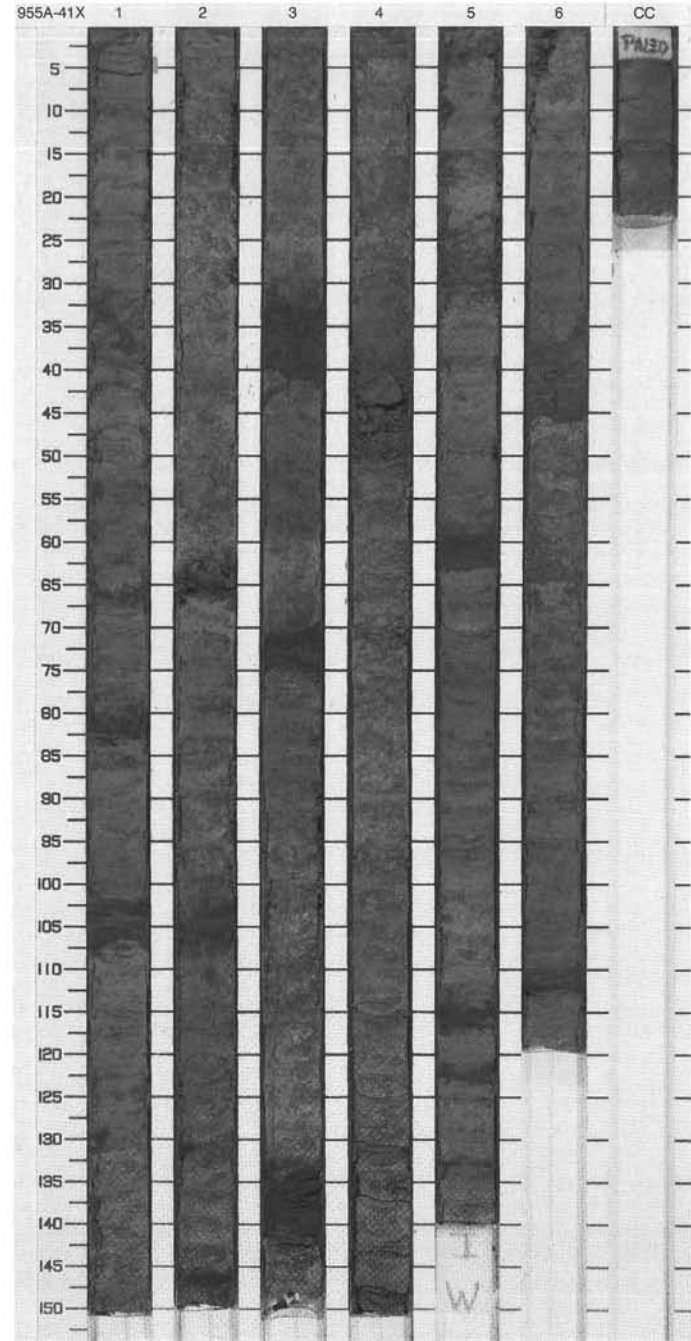
CORED 368.3 - 377.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1		1	late Miocene	}}			10Y 3/1	NANNOFOSSIL CLAYEY MIXED SEDIMENT Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is moderately bioturbated throughout and shows minor greenish staining. Scattered biotite is in Sections 3 and 4.	
2		2		}}			5GY 4/1	Minor Lithologies: Black QUARTZ SILT occurs as thin beds in Section 1, 136-138 cm, in Section 2, 64-69 and 73-74 cm, and in Section 6, 31-32 and 144-147 cm; dark gray CALCAREOUS SILT occurs in Section CC, 24-25 and 37 cm, and in the form of discontinuous patch in Section 3, 47-49 cm; and gray ZEOLITIC TUFF WITH BIOTITE occurs in Section 5, 97-101 cm.	
3		3		}}				10Y 4/1	General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of the minor lithology.
4		4		}}			O		
5		5		}}					M
6		6		}}					
9		CC		}}					



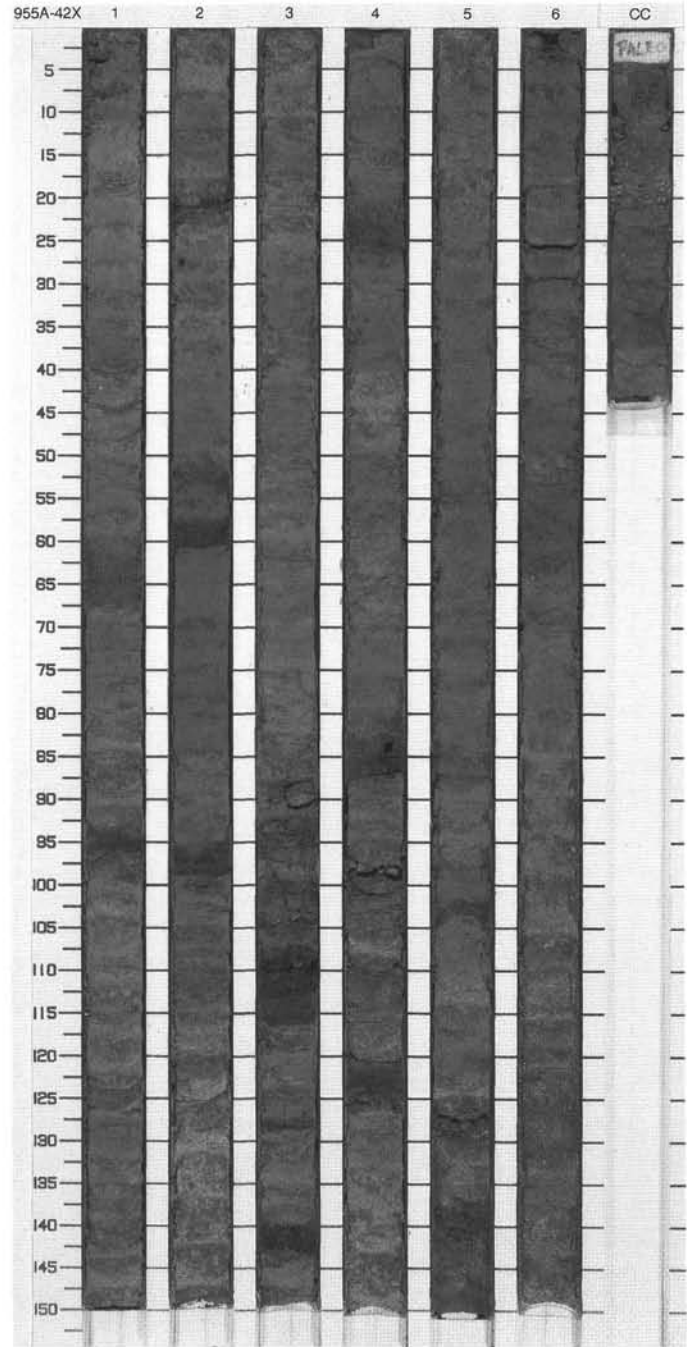


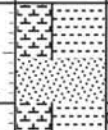
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	}}			10Y 4/1 to 5GY 4/1	NANNOFOSSIL CLAYEY MIXED SEDIMENT Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is slightly to moderately bioturbated throughout and shows minor greenish staining.
2	[Pattern]	2	}}			10Y 4/1 to 5GY 4/1	Minor Lithologies: Blackish gray QUARTZ SILTY SAND WITH BIOTITE occurs as thin beds in Section 1, 34-35, 73-84, 96-107, and 130-131 cm, and in Section 6, 36-46 (with cross-lamination); dark gray FORAMINIFER QUARTZ SILT SAND occurs in Section 2, 103-107 and 146-147 cm, in Section 3, 32-40, 70-75, and 133-141 cm, and in Section 5, 2-5, 56-63 (graded), 74-75, 110-117 (graded), 121-123, 132-133 and 96-98 cm (with shell fragments); and QUARTZ SILTY SAND occurs in Section 2, 62-66, and in Section 6, 110-113 and 55-62 cm.
3	[Pattern]	3	}}			5GY 3/1 to 10Y 3/1	
4	[Pattern]	4	}}			5GY 3/1 to 10Y 3/1	General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of the minor lithologies.
5	[Pattern]	5	}}			5GY 2/1	
6	[Pattern]	6	}}				
CC	[Pattern]	CC	}}				

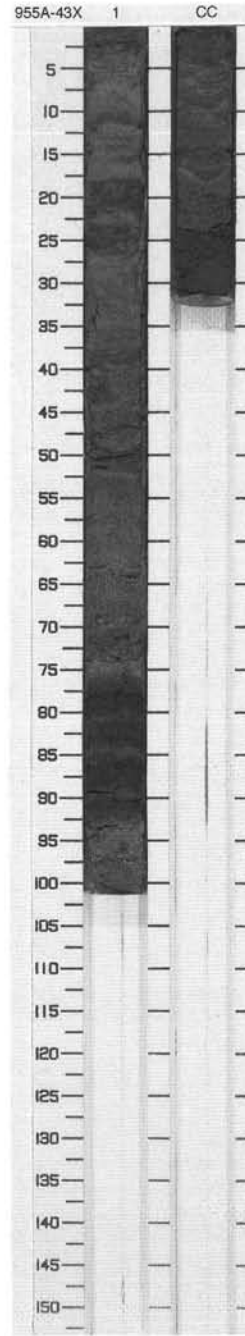


SITE 955 HOLE A CORE 42X CORED 387.5 - 397.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}				<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT makes up most of the core. It is slightly to moderately mottled and bioturbated throughout.</p> <p>Minor Lithologies: QUARTZ SILT WITH LITHICS and CLAYEY SILT occur as very thin to thin massive interbeds.</p> <p>General Description: This core is very uniform in color.</p>
2	[Pattern]	2		}}			5GY 2.5/1 to 5GY 4/1	
3	[Pattern]	3		}}				
4	[Pattern]	4	late Miocene	}}				
5	[Pattern]	5		}}			10Y 3/1 to 5GY 4/1	
6	[Pattern]	6		}}		O		
CC	[Pattern]	CC		}}		M		

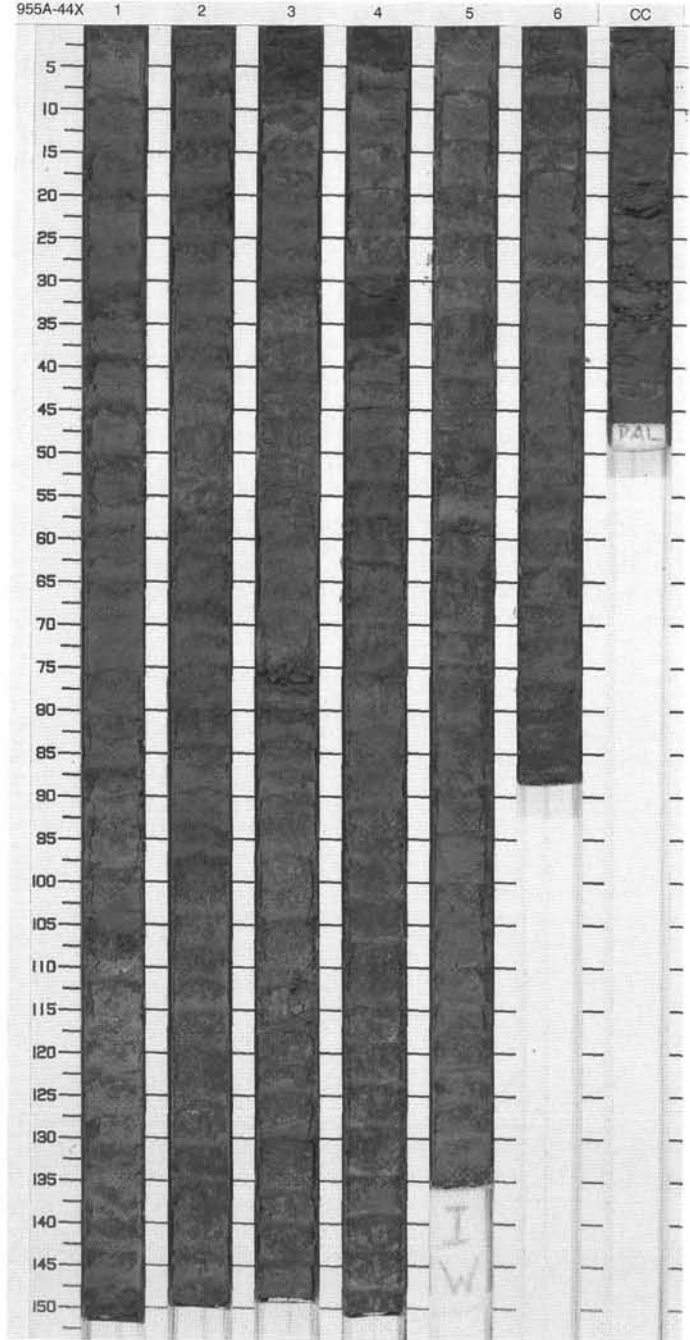


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Miocene	}}			5Y 2/1 to 10Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT and LITHIC QUARTZ FORAMINIFER SAND
		CC		↑ F		M		Major Lithologies: CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs as medium to thick, moderately bioturbated beds. LITHIC QUARTZ FORAMINIFER SAND occurs as moderately sorted, fine-grained beds in Section 1, 53-70 and 74-102 cm, and Section 2, 24-32 cm.
								Minor Lithology: CLAY WITH FORAMINIFERS occurs as a thin, structureless interbed in Section 1, 70-74 cm.

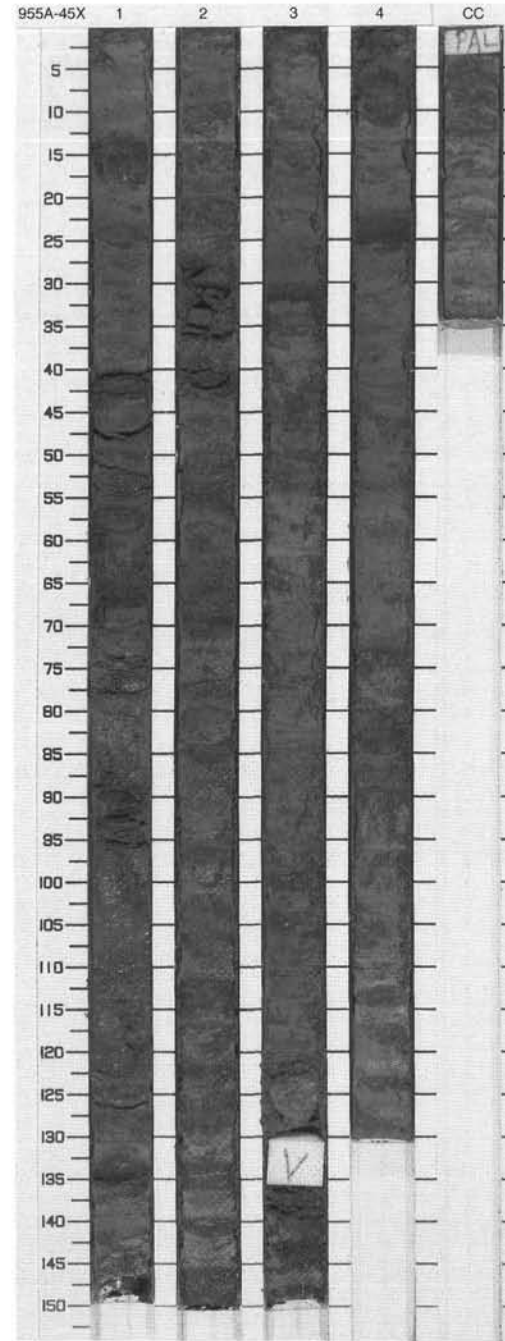


SITE 955 HOLE A CORE 44X CORED 406.8 - 416.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}			10Y 4/1 to 5GY 3/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mostly of slightly to moderately bioturbated and mottled CLAYEY NANNOFOSSIL MIXED SEDIMENT.</p> <p>Minor Lithology: Minor interbeds of CALCAREOUS QUARTZ SAND occur in Section 2, 68-69 cm, Section 3, 0-5, 47-55, and 77-79 cm, Section 4, 0-5 and 31-36 cm, Section 5, 44-49 cm, and Section 6, 79-81 and 84-88 cm. ZEOLITIC TUFF occurs in Section 3, 74-77 cm.</p>
2	[Pattern]	2		↑ F				
3	[Pattern]	3						
4	[Pattern]	4	late Miocene				10Y 3/1 to 5GY 2/1	
5	[Pattern]	5		}}				
6	[Pattern]	6		}}				
7	[Pattern]	7						
8	[Pattern]	8		}}			10Y 3/1 to 5GY 3/1	
		CC						



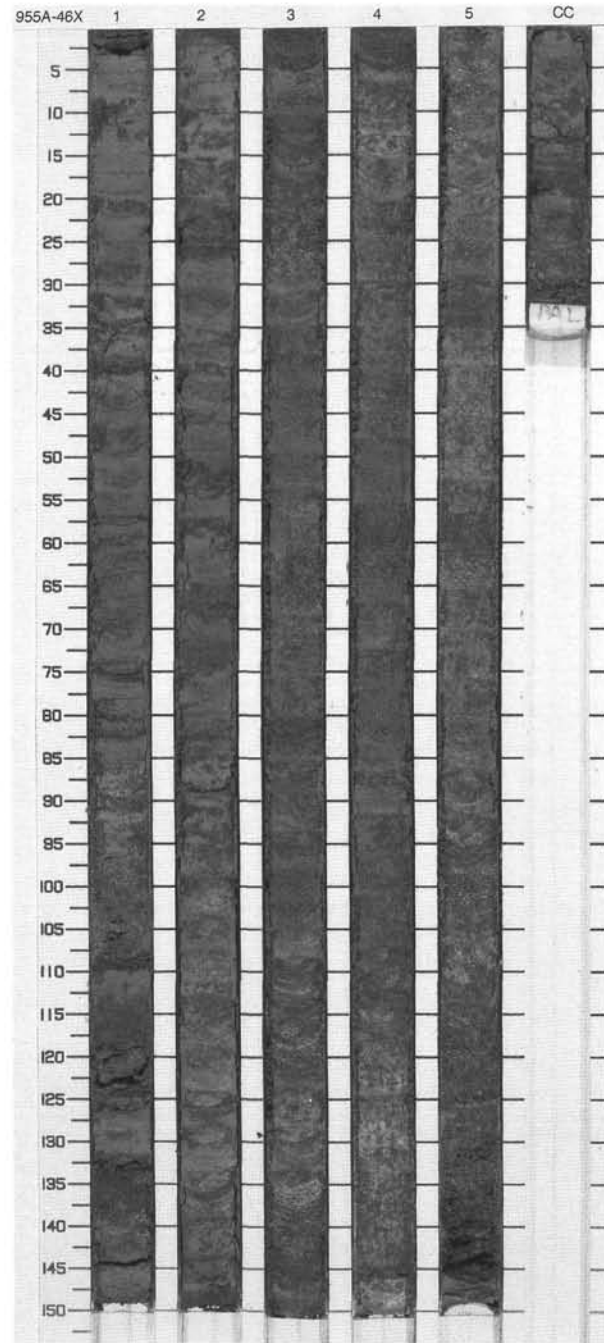
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene	[Structure]	OOO	O	10Y 4/1 to 10Y 3/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mostly of moderately to slightly bioturbated CLAYEY NANNOFOSSIL MIXED SEDIMENT.</p> <p>Minor Lithologies: Interbeds of SILTY QUARTZ SAND occur in Section 1, 13-18, 63-66, and 79-123 cm, Section 3, 30-31 cm, and Section 4, 22-25 cm. ZEOLITIC TUFF occurs in Section 1, 40-43, and Section 2, 28-36 and 39-42 cm.</p>
2	[Pattern]	2		[Structure]			10Y 4/1 to 5GY 3/1	
3	[Pattern]	3		[Structure]				
4	[Pattern]	3		[Structure]				
5	[Pattern]	4		[Structure]				
6	[Pattern]	CC		[Structure]			10Y 3/1 to 5GY 3/1	
						M		



## SITE 955 HOLE A CORE 46X

CORED 426.2 - 435.8 mbsf

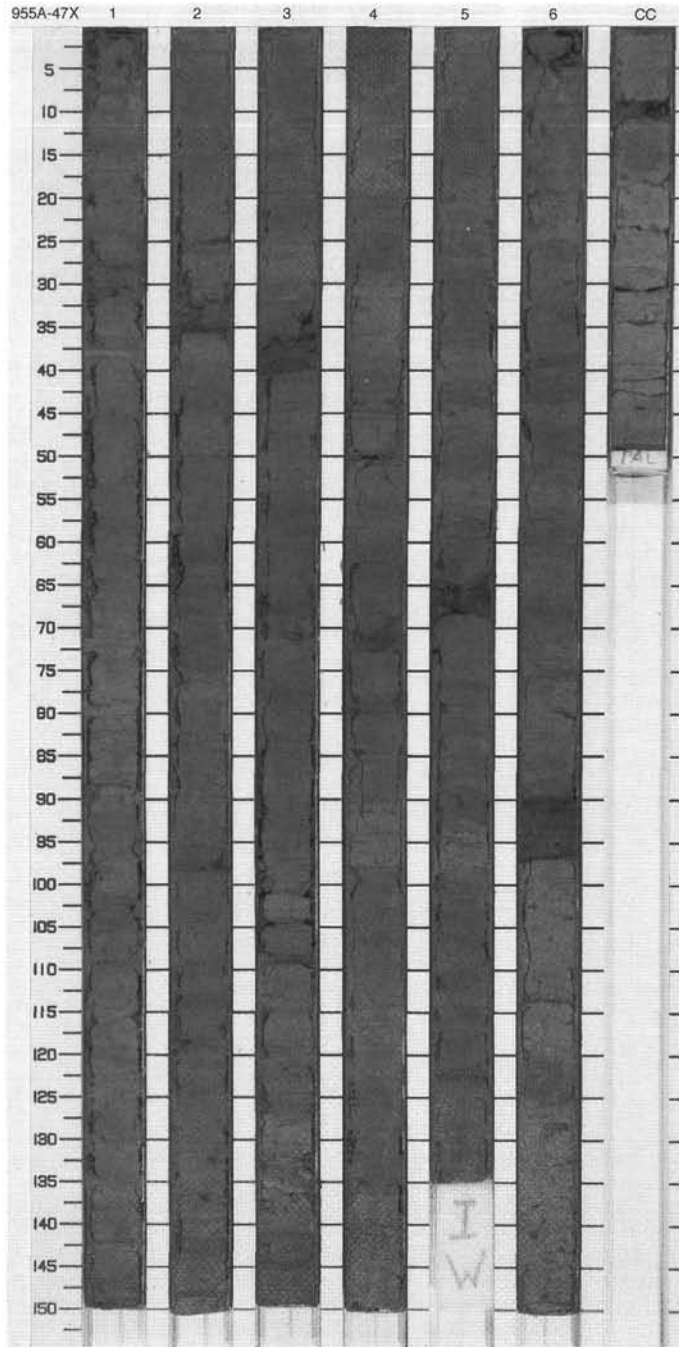
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Miocene	}}			10Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT forms medium to very thick beds that are moderately mottled throughout, but are otherwise structureless.
2		2		↑ F			5GY 2/1	Minor Lithologies: FORAMINIFER QUARTZ LITHIC SAND occurs as thin massive interbeds in Section 1, 101-108 cm, and Section 5, 119-139 cm.
3		3					5Y 4/1	FORAMINIFER SILT occurs as a very thin massive bed in Section 4, 144-146 cm. ZEOLITIC TUFF occurs as a thin, moderately sorted bed in Section 1, 119-124 cm, that contains crystals of amphibole, biotite, and feldspar.
4		4					10Y 3/1	
5		5					5Y 4/1	
6						S		
7						O		
		CC				M	5Y 2/1	



SITE 955 HOLE A CORE 47X

CORED 435.8 - 445.5 mbsf

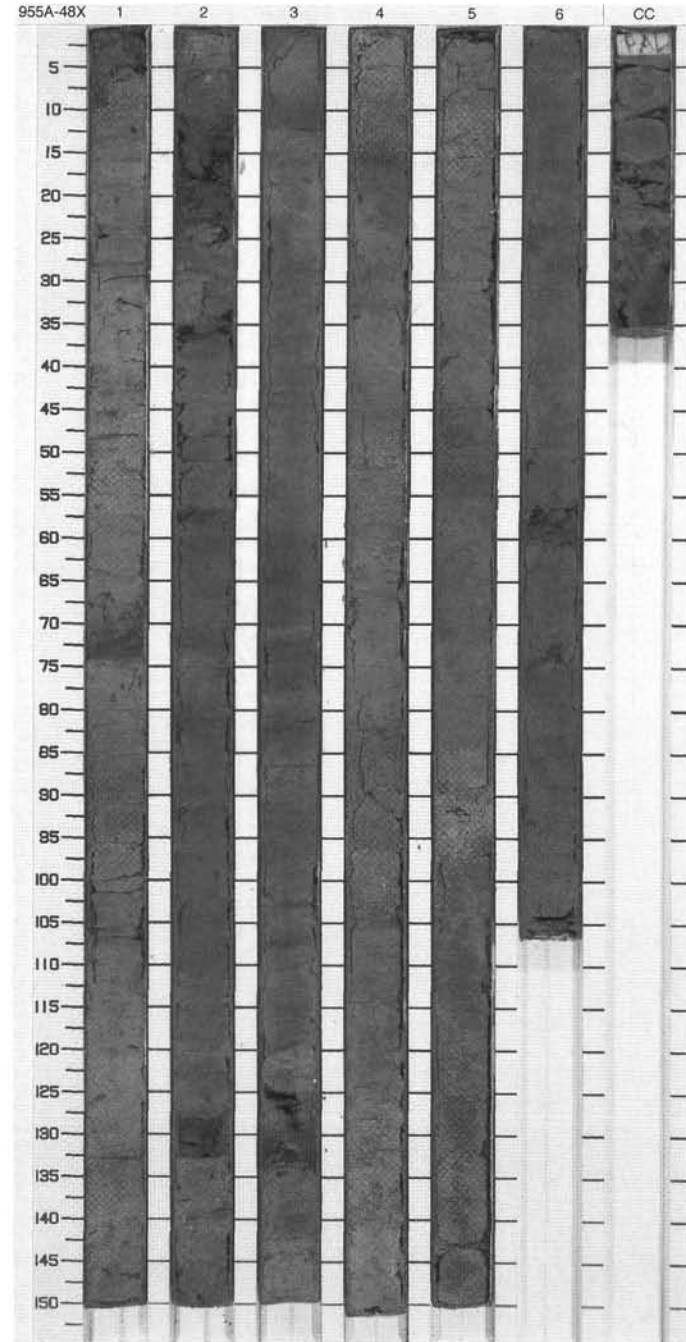
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}			10Y 4/1 to 5GY 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT
2	[Pattern]	2		}}			5GY 3/1	Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs as medium to thick beds that are moderately mottled and bioturbated throughout.  Minor Lithologies: QUARTZ FORAMINIFER LITHIC SAND occurs as very thin to thin interbeds in Section 1, 27-28, 88-89, and 146-150 cm; Section 2, 24-25, 31-36, 97-98, and 142-143 cm; Section 3, 36-40, 101-109, and 133-137 cm; Section 5, 64-69 cm; Section 6, 90-97, and 8-11 cm in the Core Catcher. FORAMINIFER SAND occurs as a thin cross- and planar-laminated bed in Section 4, 42-51 cm. QUARTZ SAND occurs as a thin fine-grained, planar-laminated bed in Section 4, 70-73 cm. CLAYEY SILT as a thin moderately bioturbated bed in Section 6, 121-126 cm.
3	[Pattern]	3		}}			10Y 3/1 to 5GY 3/1	
4	[Pattern]	4	Middle Miocene	}}			5Y 4/1 to 2.5G 4/2	
5	[Pattern]	5		}}			5GY 4/1 to 10Y 4/1	General Description: This core consists primarily of the major lithology, with the minor lithologies forming thin interbeds.
6	[Pattern]	6		}}			10Y 3/1 to 5GY 3/1	
7	[Pattern]			}}				
8	[Pattern]			}}				
9	[Pattern]			}}				
		CC		}}				



SITE 955 HOLE A CORE 48X

CORED 445.5 - 455.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	middle Miocene	}}			5GY 4/1 to 10Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT  Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs as medium to thick, commonly indurated beds that are moderately mottled and bioturbated throughout. Some intervals show minor greenish staining.
2	[Dotted pattern]	2		}}			2.5G 3/0 to 5GY 3/1	Minor Lithologies: FORAMINIFER QUARTZ SAND WITH LITHICS AND CRYSTALS occurs as thin to very thin, poorly sorted, sometimes planar-laminated interbeds in Section 1, 68-74 and 128-133 cm; Section 2, 11-23 and 128-133 cm; and Section 3, 81-83 and 125-134 cm. NANNOFOSSIL CLAYSTONE occurs as a very thin indurated interbed in Section 2, 35-37 cm. SILTY CLAY WITH LITHICS AND FORAMINIFERS occurs as a very thin poorly sorted band in Section 4, 105-106 cm. CALCAREOUS SILT occurs as a well-sorted, weakly planar-laminated bed in Section 5, 89-97 cm.
3	[Dotted pattern]	3		}}			10Y 3/1 to 5GY 4/1	
4	[Dotted pattern]	4		}}			5GY 4/1	
5	[Dotted pattern]	5		}}			10Y 4/1	
6	[Dotted pattern]	6		}}			5GY 4/1	
7	[Dotted pattern]	CC					O	General Description: This core consists primarily of the major lithology, with the minor lithologies forming thin interbeds.
8	[Dotted pattern]	CC					M	

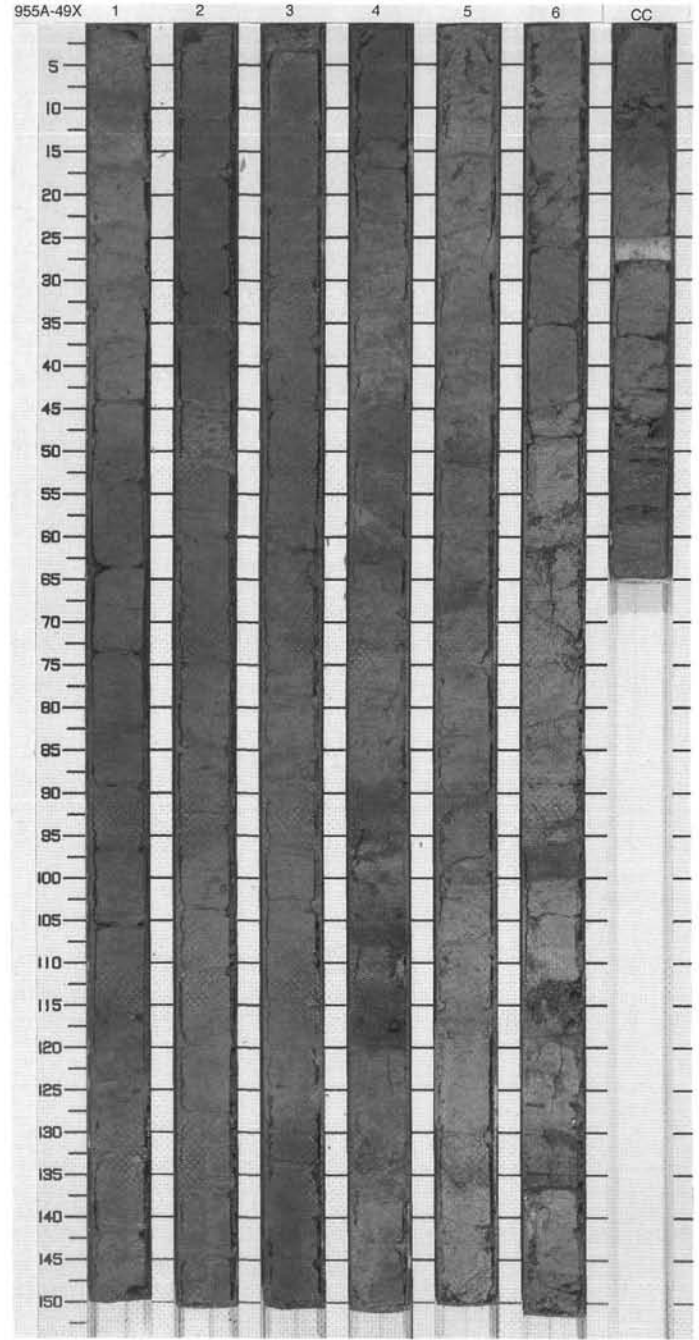




SITE 955 HOLE A CORE 49X

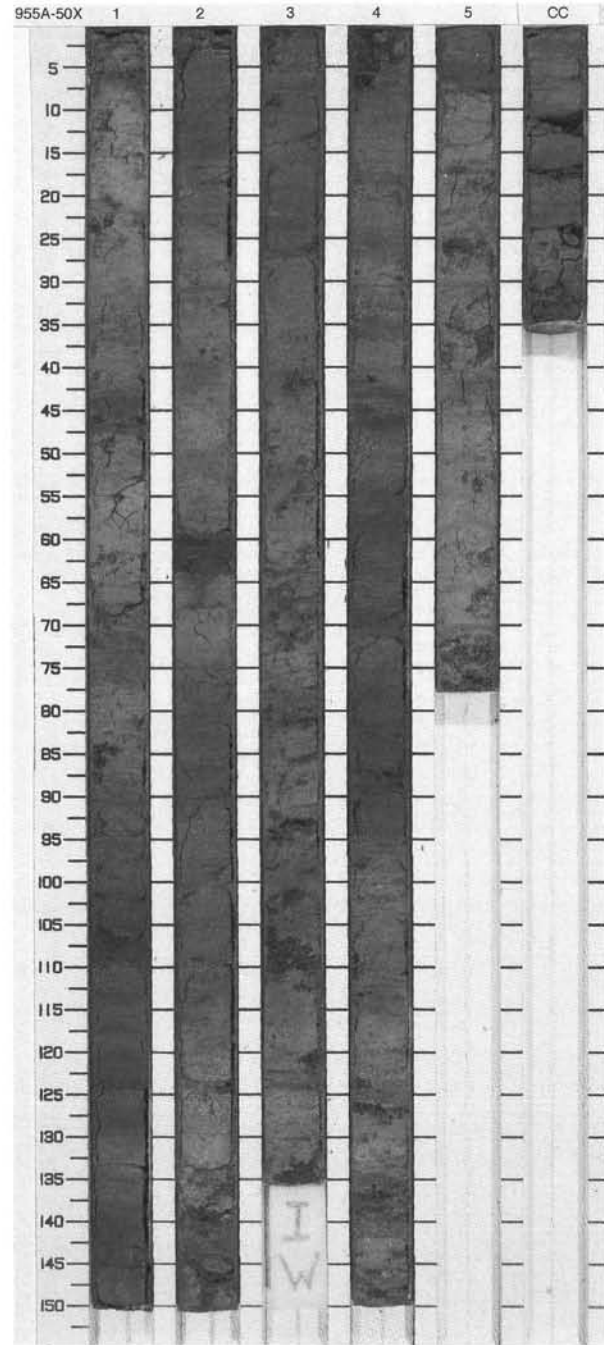
CORED 455.2 - 464.8 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	}}			5GY 4/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT makes up most of this core. It is slightly to moderately bioturbated throughout and some intervals show minor green staining.</p> <p>Minor Lithologies: CALCAREOUS LITHIC SAND occurs as a medium thickness interbed in Section 4, 103-120 cm. LITHIC FORAMINIFER SILT occurs as a very thin interbed in Section 6, 137 cm.</p> <p>General Description: This core is rather uniform in color.</p>
2	[Pattern]	2	}}			10Y 4/1	
3	[Pattern]	3	}}				
4	[Pattern]	4	}}				
5	[Pattern]	4	}}				
6	[Pattern]	5	}}			5GY 4/1	
7	[Pattern]	5	}}				
8	[Pattern]	6	}}				
9	[Pattern]	6	}}			5GY 5/1	
		CC					



SITE 955 HOLE A CORE 50X CORED 464.8 - 474.4 mbsf

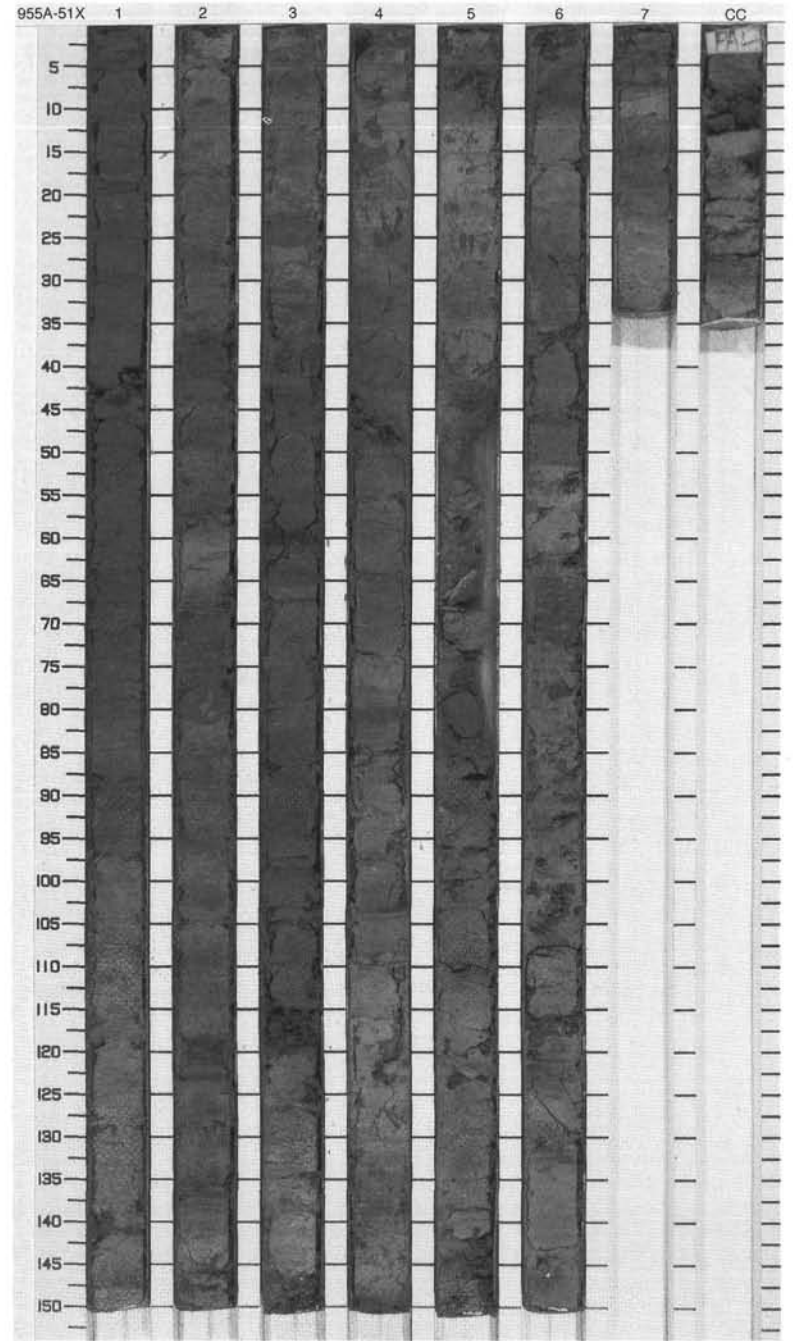
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Symbol]	1	middle Miocene	[Symbol]			5GY 5/1 to 10GY 4/0	CLAYEY NANNOFOSSIL MIXED SEDIMENT  Major Lithology: CLAYEY NANNOFOSSIL MIXED SEDIMENT makes up most of the core. It is indurated and slightly to strongly bioturbated and mottled throughout. Some intervals show minor green staining.  Minor Lithology: CLAYEY QUARTZ SILT occurs as thin interbeds in Section 1, 106-110 cm, Section 2, 59-64 cm, Section 4, 87-89, and 29-35 cm in the Core Catcher.  General Description: This core consists primarily of the major lithology, with the minor lithology forming thin interbeds. Color is rather uniform in this core.
2	[Symbol]	2		[Symbol]				
3	[Symbol]	3		[Symbol]				
4	[Symbol]	4		[Symbol]				
5	[Symbol]	5		[Symbol]				
6	[Symbol]	6		[Symbol]				
7	[Symbol]	CC		[Symbol]			10GY 4/0 to 5GY 4/1	
							5GY 5/1 to 10GY 5/0	
								M



SITE 955 HOLE A CORE 51X

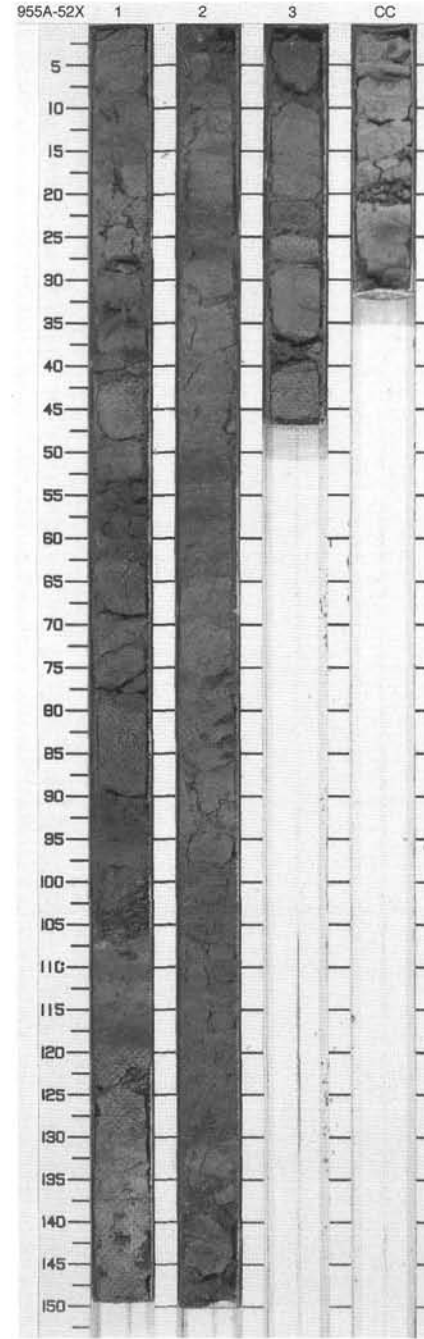
CORED 474.4 - 484.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		}}			2.5G 3/0 to 5Y 3/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT  Major Lithology: This core consists mostly of moderately bioturbated CLAYEY NANNOFOSSIL MIXED SEDIMENT.
2	[Pattern]	2		}}			5GY 4/1 to 5GY 3/1	Minor Lithologies: Minor interbeds of LITHIC FORAMINIFER SAND with some planar laminations occur in Section 2, 118-124 cm, Section 3, 39-41, 97-99, and 115-116 cm, Section 5, 41-86 and 142-147 cm, and Section CC, 8-13 cm.
3	[Pattern]	3		}}			5GY 3/1 to 10GY 3/0	General Description: The core consists mainly of thick CLAYEY NANNOFOSSIL MIXED SEDIMENT, with very thin interbeds of LITHIC FORAMINIFER SAND.
4	[Pattern]	4	Middle Miocene	}}			5GY 3/1 to 5GY 4/1	
5	[Pattern]	5		}}			5GY 2/1 to 5GY 4/1	
6	[Pattern]	6		}}			5GY 4/1 to 5GY 3/1	
7	[Pattern]	7		}}				
CC	[Pattern]	CC		}}				



SITE 955 HOLE A CORE 52X CORED 484.1 - 493.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	middle Miocene	}}	O		5GY 4/1	<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT</p> <p>Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENT makes up virtually the entire core. It is moderately to strongly bioturbated throughout and shows minor staining.</p> <p>Minor Lithologies: Dark green CLAYSTONE occurs in Section 1, 53-62 and 101-107 cm, and in Section 3, 0-7 cm; dark gray NANNOFOSSIL CLAY occurs in Section 1, 117-119 cm; QUARTZ LITHIC SAND occurs in Section 1, 88-95 cm; and dark olive green CLAYEY FORAMINIFER SILT occurs in Section 2, 98-130 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENT with very thin interbeds of the minor lithologies.</p>
2	[Pattern]	2		}}				
3	[Pattern]	3		}}				
	CC					M		



SITE 955 HOLE A CORE 53X

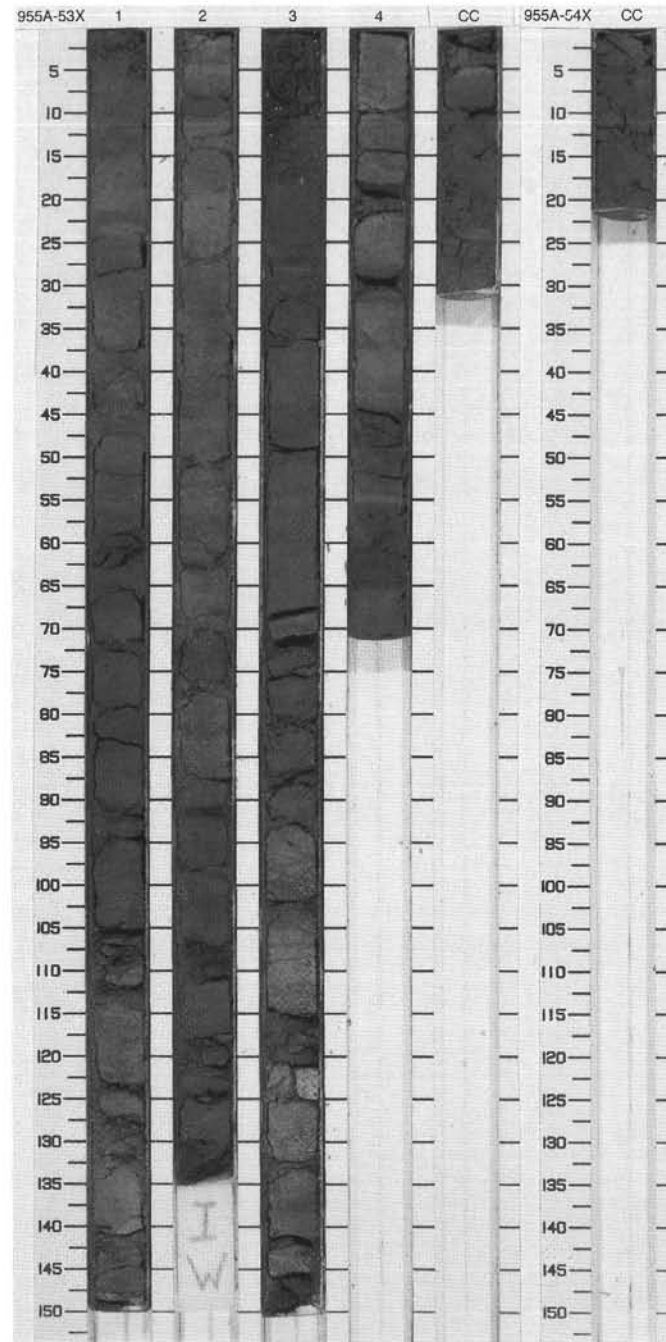
CORED 493.8 - 503.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	middle Miocene	}}			5GY 4/1 to 10Y 4/1	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT</p> <p>Major Lithology: This core consists mostly of slightly to moderately bioturbated CLAYEY NANNOFOSSIL MIXED SEDIMENT.</p> <p>Minor Lithologies: Minor interbeds of CLAYEY SILTSTONE, QUARTZ SAND, and LITHIC SAND occur in Section 1, 59-60 cm, Section 2, 7-10, 107-111, and 118-120 cm, Section 3, 0-17 and 26-29 cm, Section 4, 27-32 and 55-65 cm, and Core Catcher, 8-30 cm.</p>
2	[Pattern]	2		}}				
3	[Pattern]	3		}}				
4	[Pattern]	4		}}				
5	[Pattern]	4		}}				
	CC						5GY 4/1 to 5Y 3/1	

SITE 955 HOLE A CORE 54X

CORED 503.4 - 512.9 mbsf

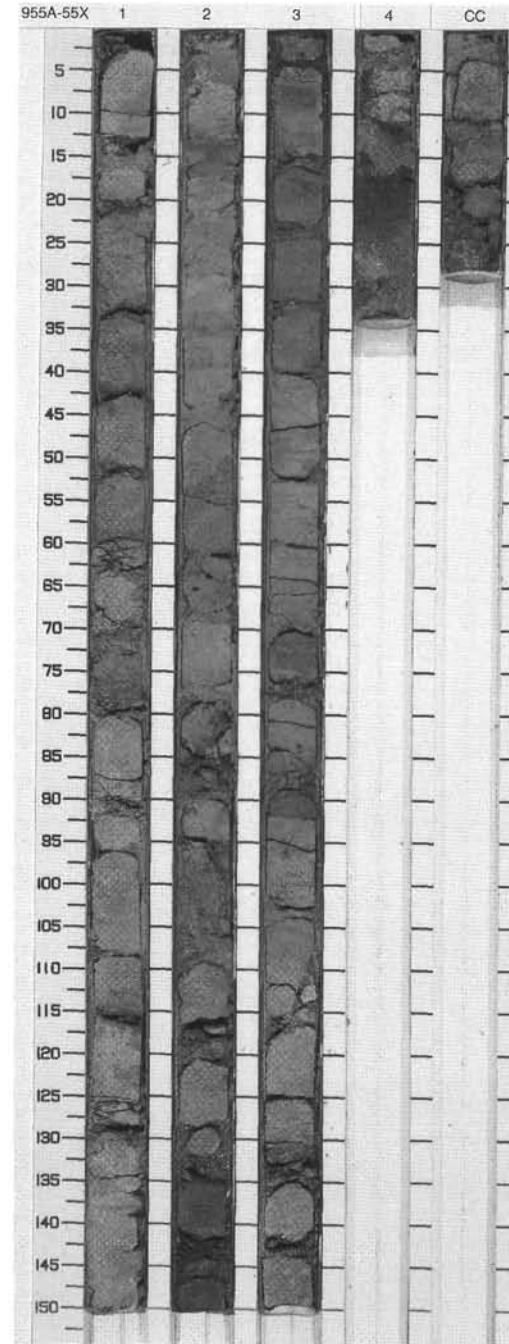
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	CC						9.2Y 3/1	LITHIC FORAMINIFER SAND
			middle Mio.					<p>General Description: The core consists exclusively of disturbed LITHIC FORAMINIFER SAND with 9.2Y 3/1 color.</p>



## SITE 955 HOLE A CORE 55X

CORED 512.9 - 522.4 mbsf

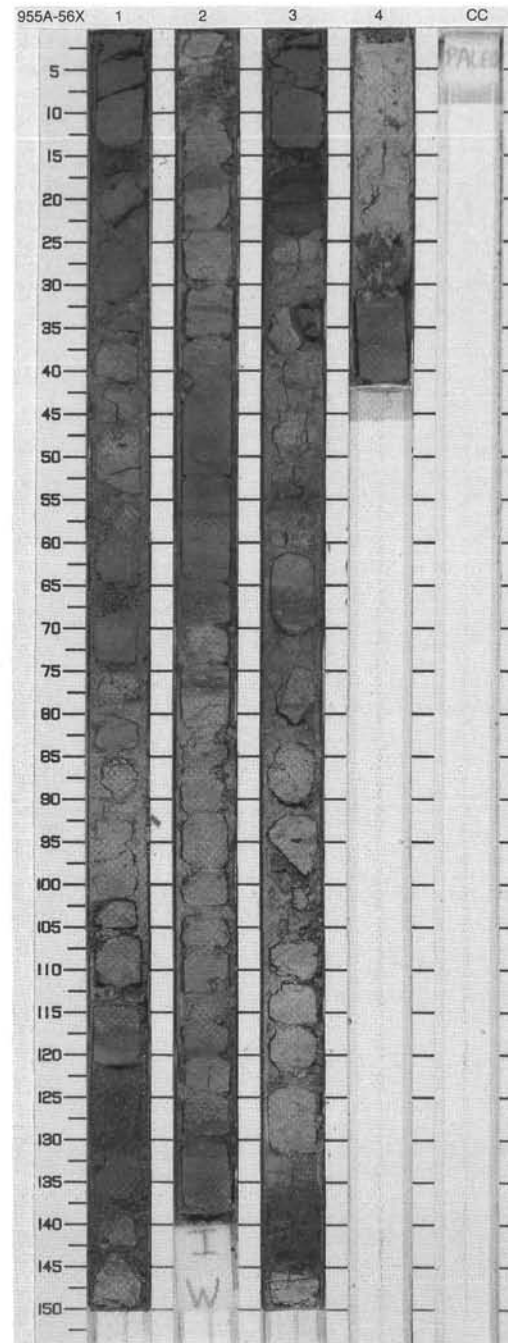
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Miocene	}}			5G 2/1 to 10GY 4/0	<p>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and NANNOFOSSIL CHALK</p> <p>Major Lithologies: NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and NANNOFOSSIL CHALK, commonly with gradational lower contacts, are moderately to extensively bioturbated, and heavily fractured by drilling.</p> <p>Minor Lithologies: Green/black CRYSTAL TUFF occurs in Section 1, 42-43 and 115-116 cm, in Section 2, 135-150 cm, in Section 3, 0-3 cm, and in Section 4, 11-23 cm (inversely grading).</p> <p>General Description: The core consists mainly of thick NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and NANNOFOSSIL CHALK beds, with very thin to medium interbeds of the minor lithologies.</p>
2		2		A				
3		3		}}			5G 4/1 to 10GY 4/0	
4		4		A	}}			
5		CC				M		



SITE 955 HOLE A CORE 56X

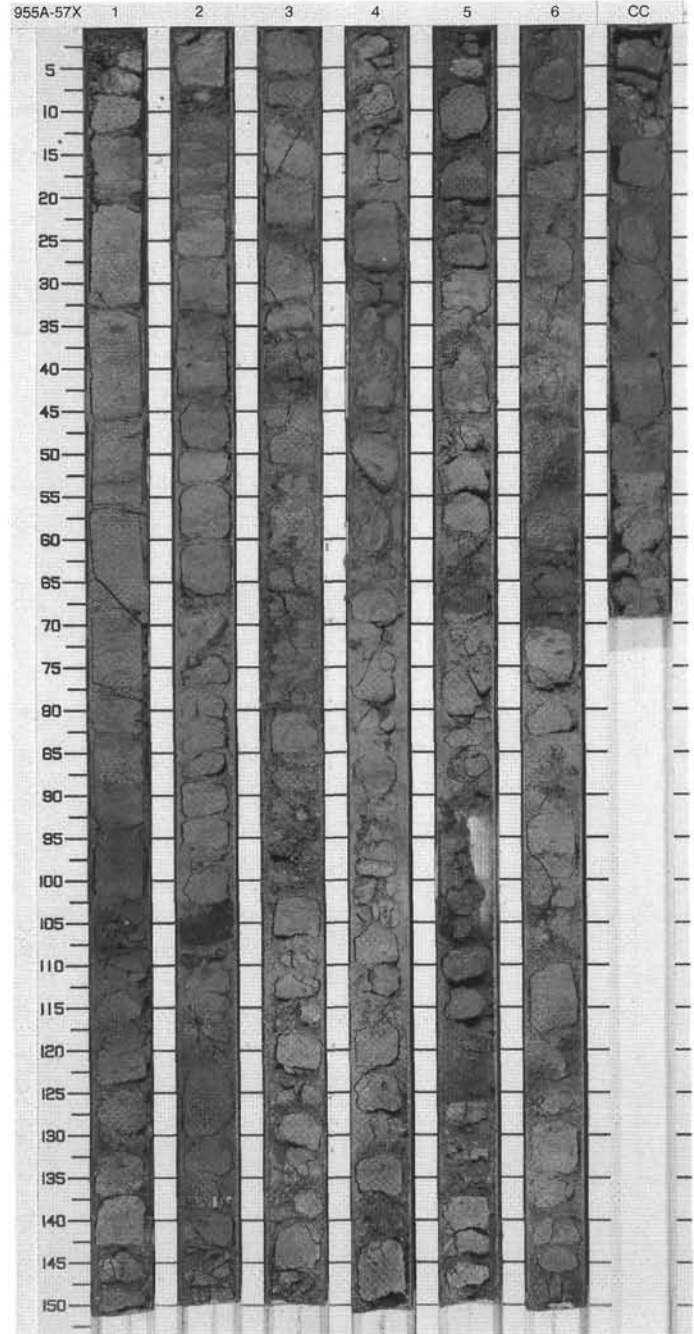
CORED 522.4 - 532.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	-A	}}				<p>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and NANNOFOSSIL CHALK</p> <p>Major Lithologies: Thick to medium NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and medium NANNOFOSSIL CHALK beds, moderately to extensively bioturbated, and showing gradational lower contacts.</p> <p>Minor Lithologies: Green/dark gray VITRIC, LITHIC, CRYSTAL TUFF, with sharp lower contacts, occurs in Section 1, 13-17 and 121-131.5 cm, in Section 3, 14-23 (inversely graded) and 133-144.5 cm (graded); CRYSTAL, LITHIC TUFF occurs in Section 2, 16-18 and 76-77 cm, in Section 3, 54 and 56 cm; and CLAY AND SAND CLASTS, MATRIX SUPPORTED, occurs in Section 3, 70-100 cm.</p> <p>General Description: The core consists mainly of thick NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and NANNOFOSSIL CHALK beds, with very thin interbeds of the minor lithologies.</p>
2	[Pattern]	2	-A	}}			7.5GY 4/1 to 5G 4/1	
3	[Pattern]	3	-A	}}			7.5GY 4/1 to 2.5G 3/0	
4	[Pattern]	4	-A	}}				
		CC						



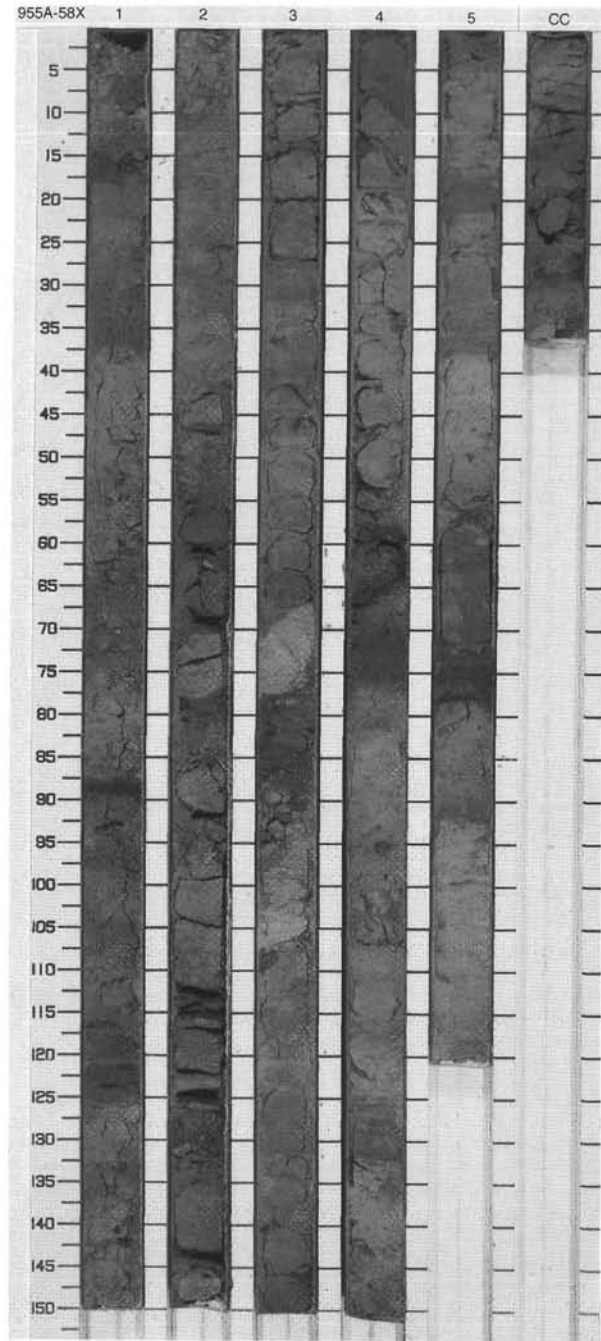
SITE 955 HOLE A CORE 57X CORED 532.0 - 541.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	A*	}}			7.5G 4/0 to 7.5GY 3/1	<p><b>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK</b></p> <p>Major Lithology: Thick to medium NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK beds, moderately to extensively bioturbated and showing gradational lower contacts.</p>
2	[Pattern]	2	A	}}				
3	[Pattern]	3	A	}}			2.5G 4/0 to 7.5GY 3/1	<p>Minor Lithologies: Gray VITRIC, CRYSTAL TUFF occurs in Section 1, 107-108 cm, in Section 2, 103-108 cm, and in Section 3, 26-30 and 138-139 cm. Rare scattered vitric(?) silt in Section 4, 41-43 cm, and in Section 5, 67-69 cm, and scattered pumice in Section 6, 0-42 and 71-146 cm.</p>
4	[Pattern]	4	A	}}				
5	[Pattern]	4	A*	}}				<p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK, moderately to extensively bioturbated and greenish staining, with very thin interbeds of the minor lithologies.</p>
6	[Pattern]	5	A*	}}			7.5GY 2.5/1	
7	[Pattern]	5	A*	}}				O
8	[Pattern]	6	A*	}}			5G 4/1 to 7.5GY 3/1	
9	[Pattern]	6	A*	}}				M
10	[Pattern]	CC	A*	}}				





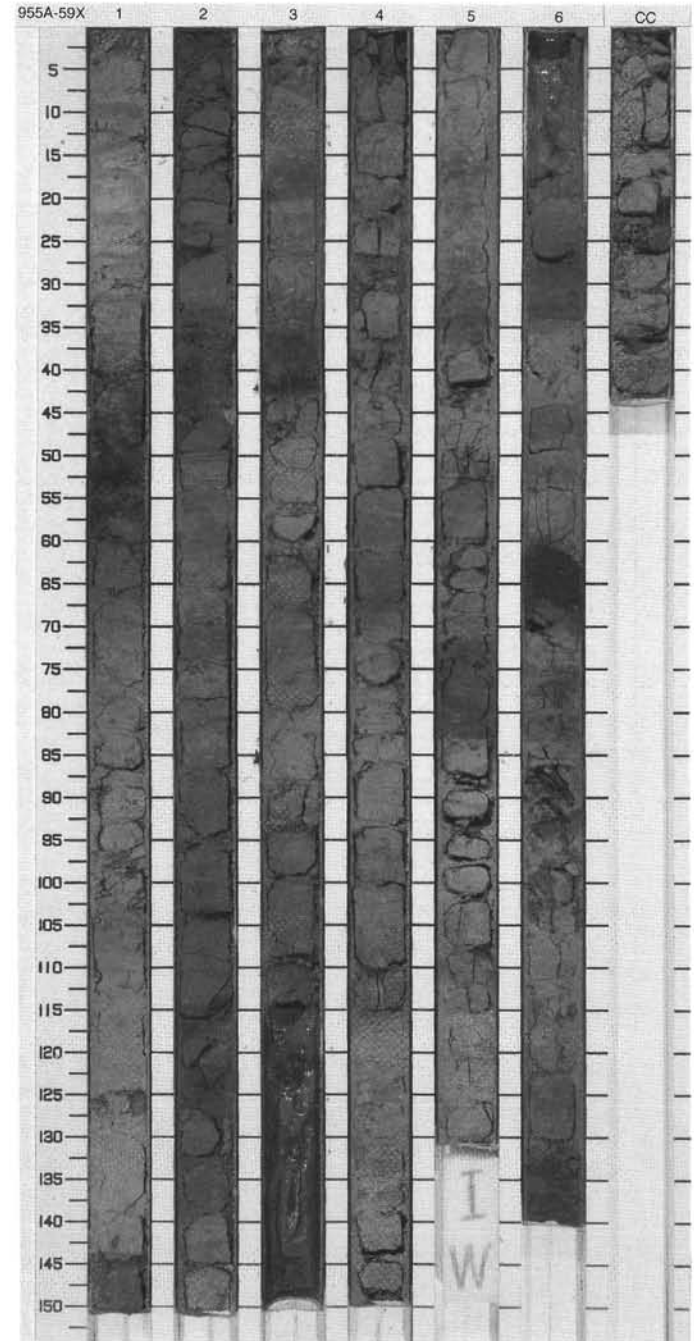
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	(Brick pattern)	1	-A A*	}} }}				NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and NANNOFOSSIL CHALK  Major Lithologies: NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK makes up virtually the entire core, with the exception of two medium beds of NANNOFOSSIL CHALK in Section 5. Moderately to strongly bioturbated throughout.
2	(Brick pattern)	2	-A -A	}} }}			5G 4/1 to 2.5G 2.5/0	
3	(Brick pattern)	3	-A -A	}} }}				Minor Lithologies: Gray CRYSTAL VITRIC TUFF occurs in Section 1, 15-17 and 87-89 cm, in Section 4, 57-76 cm, and in Section 5, 72-78 cm; gray PUMICE LAPILLI occurs in Section 1, 116-126 cm, and in Section 2, 112-131 and 143-145 cm; olive green CRYSTAL, VITRIC SAND WITH FORAMINIFERS occurs in Section 3, 78-89 cm (planar- lamination); and dark green CRYSTAL, LITHIC SAND occurs in Section 4, 52-54 cm.
4	(Brick pattern)	4	-A	}}			7.5G 4/0 to 5BG 3/2	
5	(Brick pattern)	5	-A	}}				General Description: The core consists mainly of medium to thick NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK and medium NANNOFOSSIL CHALK beds, with very thin interbeds of the minor lithologies.
6	(Brick pattern)	6	-A	}}	O		7.5GY 2.5/1 to 2.5G 4/0	
7	(Brick pattern)	CC		}}				M



## SITE 955 HOLE A CORE 59X

CORED 551.2 - 560.9 mbsf

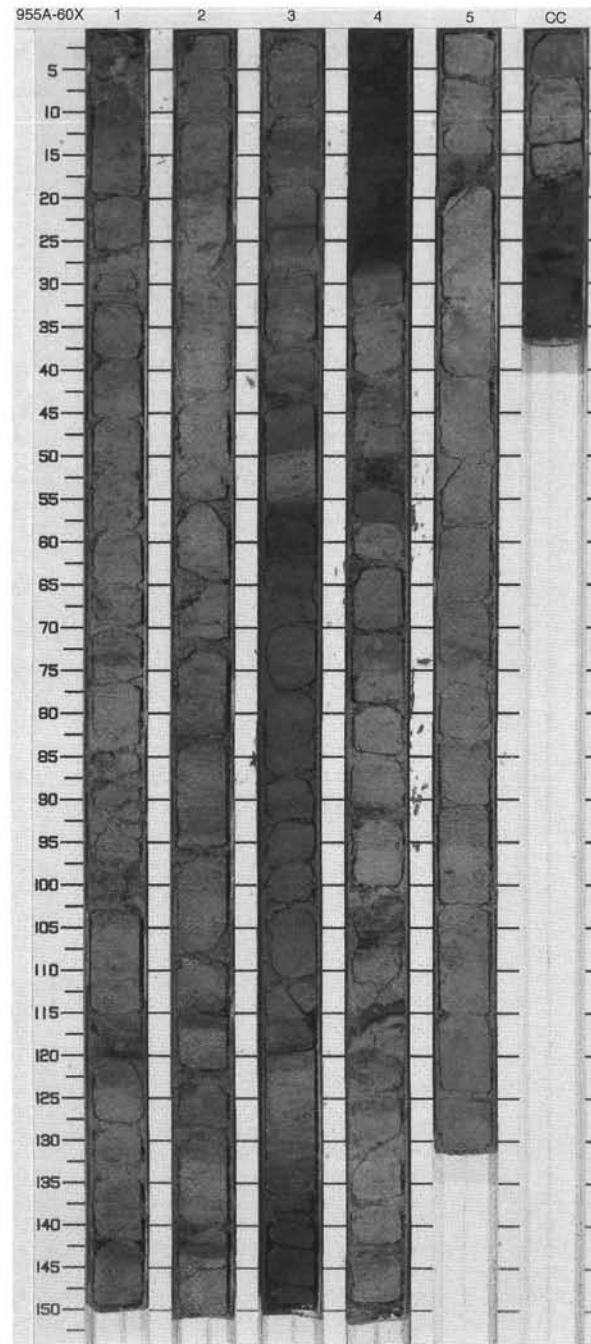
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		-A			2.5G 5/0 to 7.5GY 4/1	<p>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK</p> <p>Major Lithology: Thick to medium NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK, moderately to extensively bioturbated.</p>
2		2		-A -A -A -A				
3		3		-A			5G 4/1	<p>Minor Lithologies: Gray CRYSTAL VITRIC COARSE ASH occurs in Section 1, 42-57 and 150-151 cm, in Section 2, 0-10, 10-25 (with nannofossils), 25-27, and 33-49 cm, in Section 3, 31-42 and 114-150 cm, in Section 4, 110-111 cm, and in Section 6, 27-34, 61-68, and 132-140 cm; dark gray PUMICE COARSE ASH occurs in Section 2, 104-105 cm. Commonly showing sharp lower contacts.</p>
4		4	Middle Miocene	-A				
5		5						<p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK with very thin interbeds of the minor lithologies.</p>
6		6		-A -A				
7		7						
8		8		-A			10GY 4/0 to 5G 4/1	
9		9		-A				
		CC						



SITE 955 HOLE A CORE 60X





CORED 560.9 - 570.5 mbsf

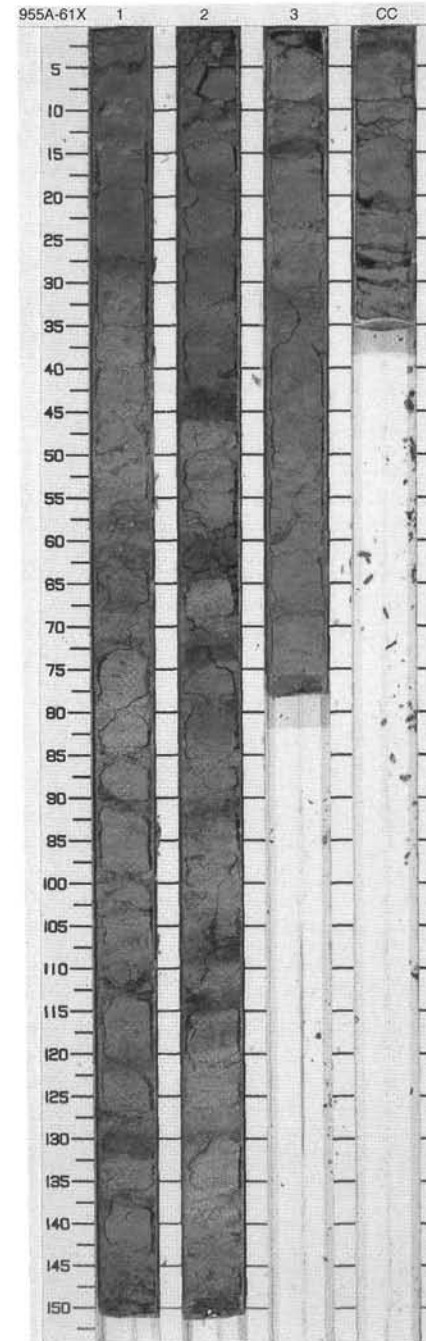
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Lithology symbol]	1	middle Miocene	}}				<p><b>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK</b></p> <p>Major Lithology:                      NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK makes up virtually the entire core. It is slightly to strongly bioturbated throughout.</p> <p>Minor Lithologies:                      Dark gray CRYSTAL SILT occurs in Section 1, 120-121 and 142-144 cm, in Section 2, 114-117, 140-141, and 142-144 cm, and in Section 3 and 23-23.5; dark gray CRYSTAL TUFF occurs in Section 3, 55-62, 119.5-120, 136-142.5, and 142.5-150 cm, in Section 4, 0-28 cm (planar-lamination, possibly inversely grading at bottom) and in Section 5, 0-38 cm; dark gray VITRIC TUFF in Section CC, 18-36 cm; blue, green gray QUARTZ SAND in Section 4, 49.5-53.5, 105, and 114-117 cm, and gray NANNOFOSSIL CHALK in Section CC, 6-18 cm.</p> <p>General Description:                      The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK with very thin interbeds of the minor lithologies.</p>
2	[Lithology symbol]	2		}}				
3	[Lithology symbol]	3		-A			2.5G	
4	[Lithology symbol]	4		-A			4/0	
5	[Lithology symbol]	5		-A			to	
	[Lithology symbol]	CC		-A			5GY	
	[Lithology symbol]						5/1	
	[Lithology symbol]							



## SITE 955 HOLE A CORE 61X

CORED 570.5 - 580.2 mbsf

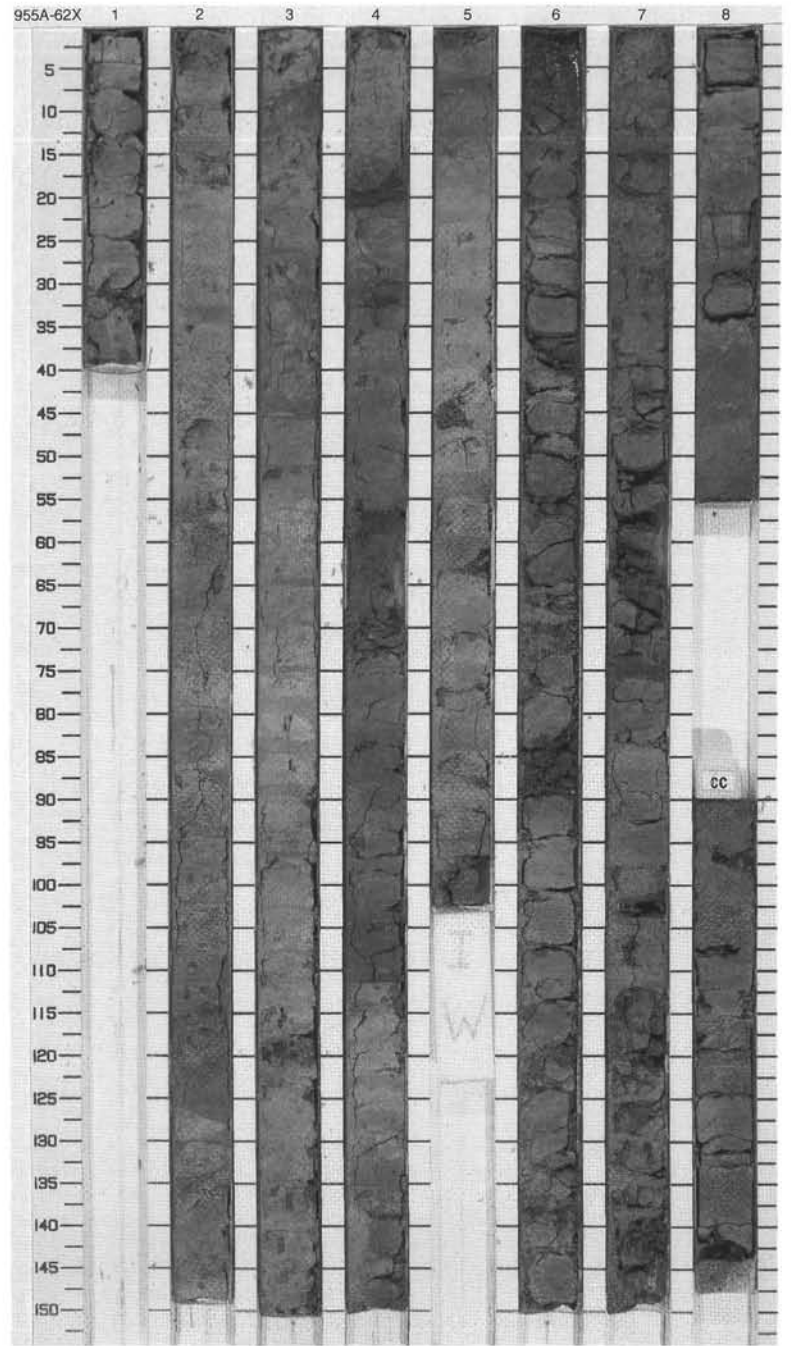
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Miocene	}}		O	5GY 4/1	<p>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK</p> <p>Major Lithology: NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK makes up virtually the entire core. It is moderately bioturbated throughout.</p> <p>Minor Lithologies: Greenish gray NANNOFOSSIL CLAYSTONE occurs in Section 2, 113-115 cm, and green and gray QUARTZ SILT/SAND occurs in Section 2, 10-11, 42-46, 59-64 (also with lithics), and 72-74 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK with very thin interbeds of the minor lithologies.</p>
2		2		}}				
3		3		}}				
4		CC		}}		M	5G 2/1 to 7.5GY 4/1	



SITE 955 HOLE A CORE 62X

CORED 580.2 - 589.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1						<p>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK</p> <p>Major Lithology: Bluish-gray NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK makes up virtually the entire core. It is moderately bioturbated throughout.</p> <p>Minor Lithology: Gray QUARTZ SAND/SILT with sharp lower contacts occurs in Section 1, 30-33 cm, in Section 2, 115 cm, in Section 3, 118-120.5 cm, in Section 4, 19-21, 31-32, and 110-111 cm, in Section 6, 0-10 and 89-90 cm, in Section 7, 75-76 cm, and in Section 8, 21.5 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK with very thin interbeds of QUARTZ SAND/SILT.</p>
2	[Pattern]	2		}}				
3	[Pattern]	3		}}				
4	[Pattern]	4		}}			7.5GY 4/1	
5	[Pattern]	4	Miocene	}}				
6	[Pattern]	5		}}				
7	[Pattern]	6		}}				
8	[Pattern]	6		}}				
9	[Pattern]	7		}}			5G 4/1	
10	[Pattern]	8		}}				
		CC		◇				M



SITE 955 HOLE A CORE 63X CORED 589.8 - 599.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	middle Miocene	}}				<p><b>NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK</b></p> <p>Major Lithology: Bluish and greenish NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK makes up virtually the entire core. It is moderately to slightly bioturbated throughout.</p> <p>Minor Lithologies: Olive green QUARTZ SILT occurs in Section 1, 34-37 cm, and in Section 3, 35-36 cm; parallel-laminated FORAMINIFER LITHIC SANDSTONE occurs in Section 1, 37-41 cm; dark gray MAFIC LITHIC SANDSTONE occurs in Section 2, 93.5-97.5 cm, in Section 3, 19-22 cm, and in Section CC, 31-39 cm.</p> <p>General Description: The core consists almost exclusively of NANNOFOSSIL CLAYEY MIXED SEDIMENTARY ROCK with very thin interbeds of the minor lithologies.</p>
2	[Pattern]	2		}}			2.5G 4/0 to 10GY 4/0	
3	[Pattern]	3		}}		O		
4	[Pattern]	4		}}				
5	[Pattern]	CC		}}			M	

