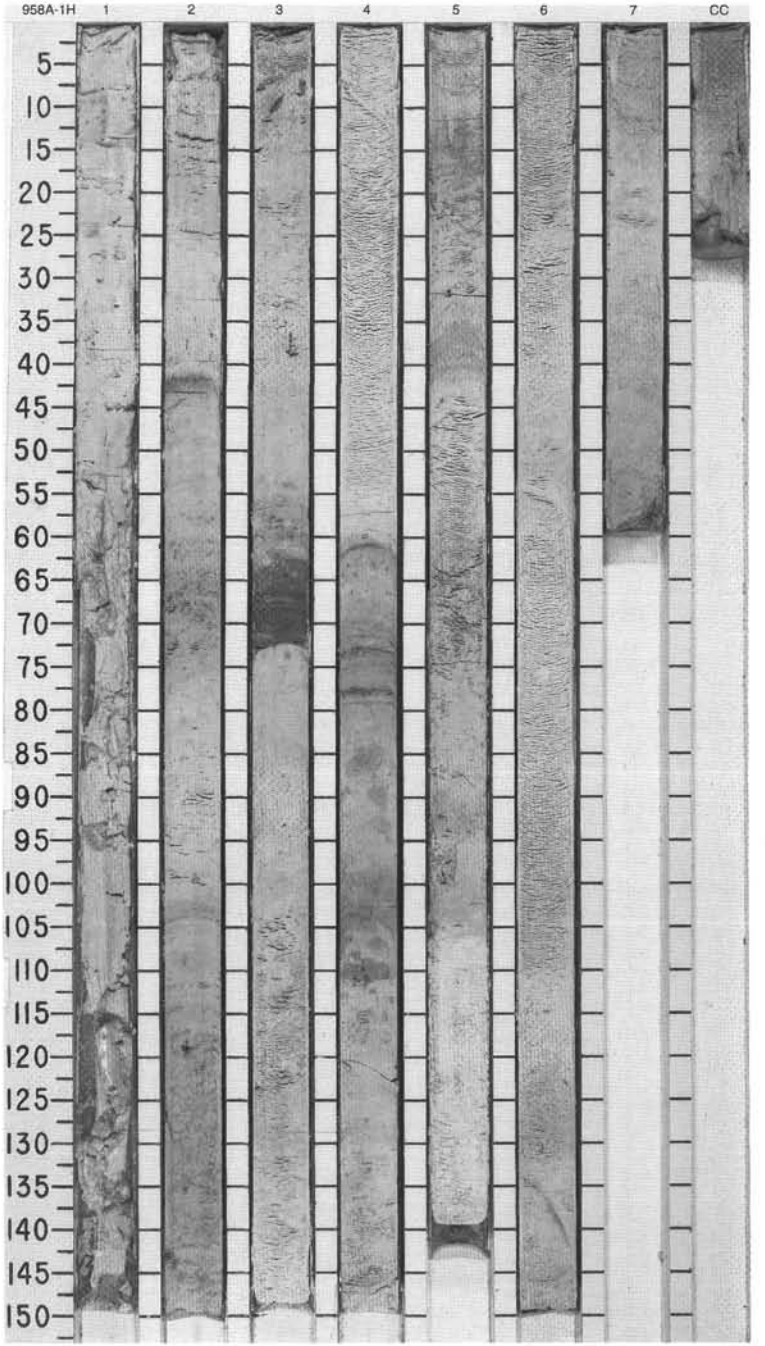
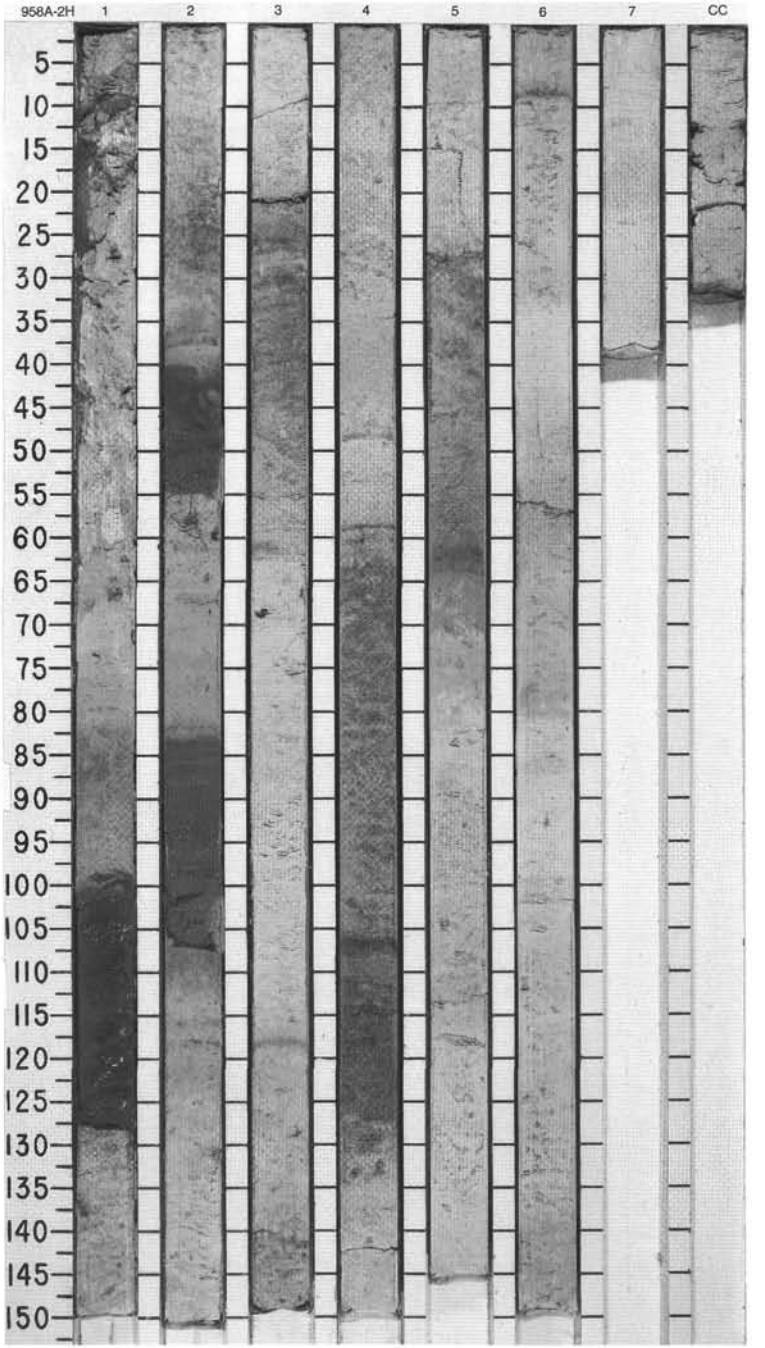
SITE 958 HOLE A CORE 1H CORED 0.0 - 9.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	Pleistocene			S, S, S, S, S, S, I, S	10YR 8/2; 10YR 8/1; 2.5Y 7/2 To 2.5Y 8/2; 2.5Y 7/2 To 2.5Y 8/2; 2.5Y 7/2; 10YR 8/2; 10YR 7/2	FORAMINIFER BEARING NANNOFOSSIL OOZE Major Lithology: FORAMINIFER BEARING NANNOFOSSIL OOZE, light gray to white, minor to moderate bioturbation. There are a few intervals with color bands all with gradational contacts at Section 2, 42–67 cm, 102–115 cm; Section 4, 58–79 cm. Minor Lithologies: NANNOFOSSIL OOZE, white, homogeneous, Section 5, 106–140 cm. QUARTZ AND FORAM BEARING NANNOFOSSIL OOZE, olive gray with lenses of greenish gray, Section 3, 56–72 cm. Basal contact sharp, upper contact gradational. DIATOM BEARING NANNOFOSSIL OOZE, light brownish gray, occurs as a 3 cm thick layer in Section 4, 110 cm, bioturbated blebs between 80 and 110 cm.



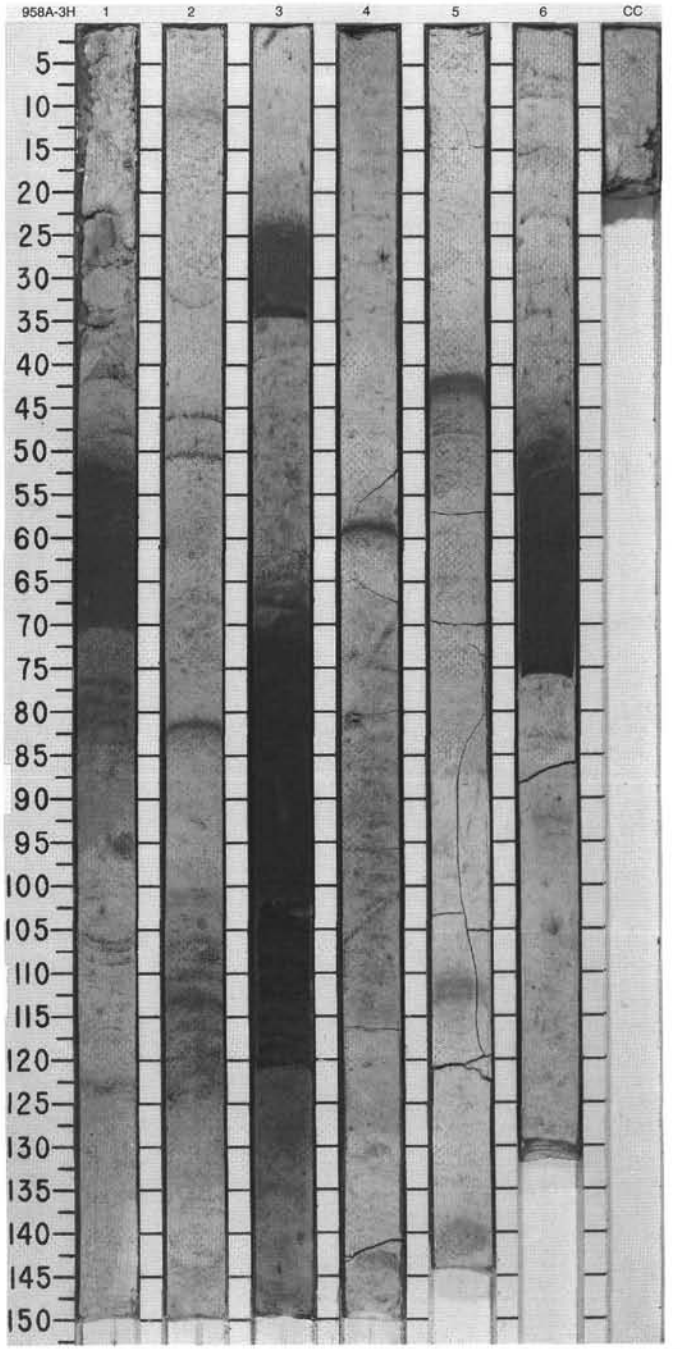
SITE 958 HOLE A CORE 2H CORED 9.5 - 19.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	Pleistocene				10YR 8/2; 10YR 8/1 To 2.5Y 7/2; 10YR 8/2; 2.5Y 6/3; 10YR 8/2; 2.5Y 7/3; 10YR 8/2 To 10YR 8/1	FORAMINIFER BEARING NANNOFOSSIL OOZE Major Lithology: FORAMINIFER BEARING NANNOFOSSIL OOZE, the color varies between white (10 YR 8/2 to 10 YR 8/1) and light yellowish brown (2.5 YR 6/3, 2.5YR 7/3). The core shows minor to moderate bioturbation. Minor Lithologies: DIATOM BEARING NANNOFOSSIL OOZE, olive, (5Y 5/4) appears in the upper parts of the fining-up sequences in Section 1, 99–128 cm; Section 2, 41–55 cm, and 83–107 cm. QUARTZ BEARING NANNOFOSSIL OOZE, olive (5 Y 5/4) forms the basal parts of the fining-up sequences in Section 1, 99–128 cm; Section 2, 41–55 cm and 83–107 cm. General Description: The core consists of alternating sequences of more or less FORAMINIFER BEARING NANNOFOSSIL OOZE. The darker sequences correspond with more fine grained sediment containing less foraminifers. In the first two sections 3 fining-up sequences occur, which consist of DIATOM BEARING NANNOFOSSIL OOZE and QUARTZ BEARING NANNOFOSSIL OOZE. Starting with Section 2, there appears frequent greenish gray and gray colored bands with gradational contacts. The light greenish gray (5GY 7/1) colored bands are in Section 2, 35–41 cm, 73–83 cm, and Section 4, 48–60 cm. Dark gray bands (7.5YR 6/1), are in Section 3, 21–26 cm, 118–119 cm; Section 4, 106–107 cm; Section 5, 60–64 cm, and Section 6, 7–9 cm. Few black specks appear in the upper 2 sections.



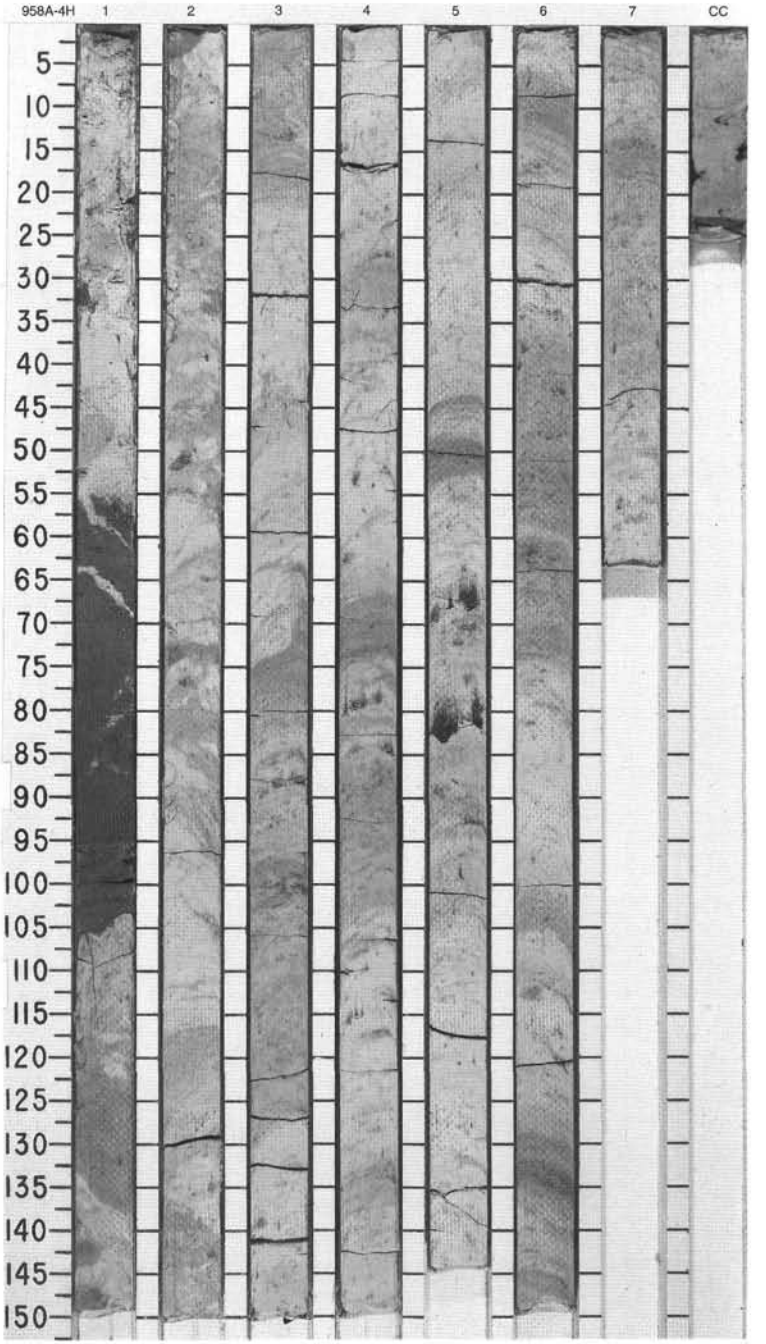
SITE 958 HOLE A CORE 3H CORED 19.0 - 28.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–6, CC	Pleistocene	F		S, S, S, S, S, S, I	10YR 8/2; 10YR 8/1 To 10YR 8/2; 5Y 7/1; 5Y 5/3; 10YR 8/1 To 10YR 8/2; 5Y 8/1; 10YR 8/2 To 5Y 7/1	FORAMINIFER BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE Major Lithology: FORAMINIFER BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE with color variations between white to light gray (10YR 8/1, 10YR 8/2 to 5Y 8/1, 5Y 7/1). The foraminifer content varies more or less around 10% throughout the core. The sediment shows slight to moderate bioturbation. Minor Lithologies: QUARTZ BEARING NANNOFOSSIL OOZE varies between light gray to olive gray and olive (5Y 7/1 to 5Y 5/2 and 5Y 5/3). It always appears at the base of the fining up sequences in Section 1, 42–70 cm; Section 3, 23–34 cm, 68–121 cm; Section 6, 45–76 cm. CLAY BEARING NANNOFOSSIL OOZE. Color is light gray to gray (5Y 6/1) and moderately bioturbated. It occurs in Section 3, 121 cm to Section 4, 5 cm. General Description: The core consists of FORAMINIFER BEARING NANNOFOSSIL OOZE that frequently shows gray colored bands. These occur in Section 2, 10–11cm, 81–82 cm, 101–125 cm; Section 3, 64–68 cm; Section 4, 59–60 cm; Section 5, 41–43 cm and 111–114 cm (7.5YR 5/0). Four fining-up sequences are included. Numerous black specks occur in Section 6.



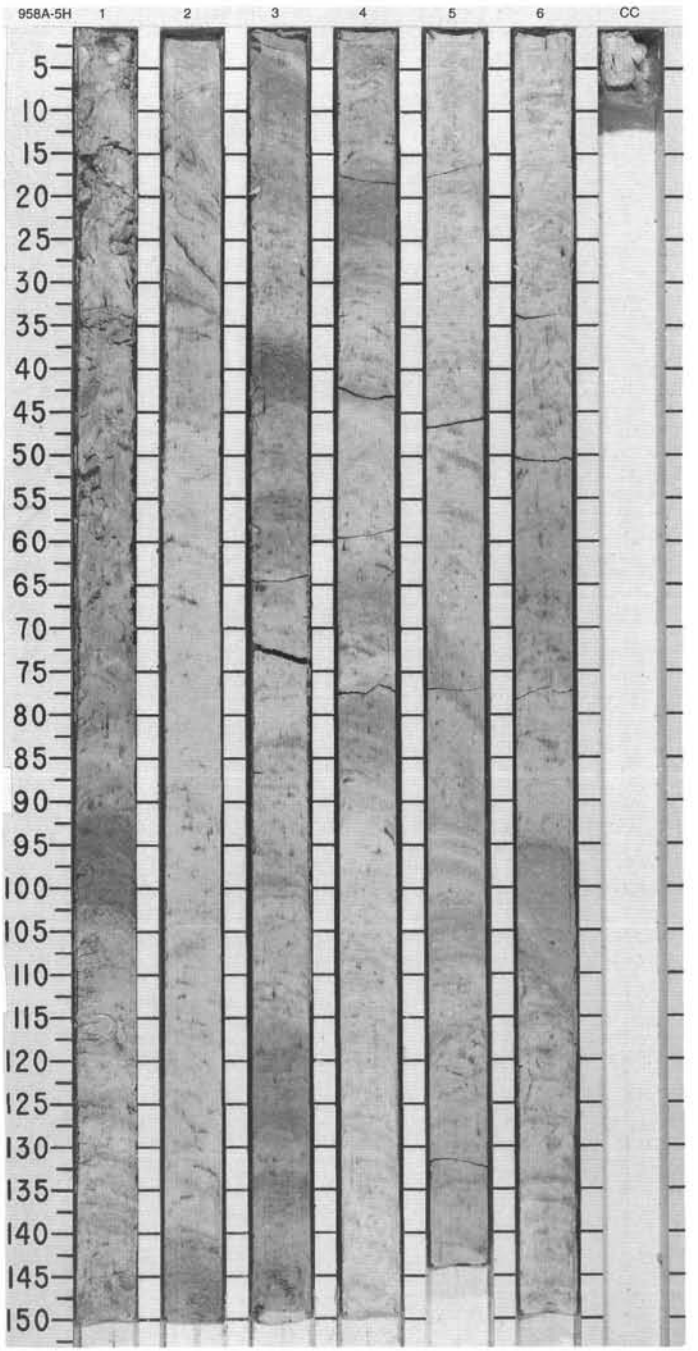
SITE 958 HOLE A CORE 4H CORED 28.5 - 38.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	Pleistocene	↑ F		S S S S	10YR 8/1; 5Y 5/3	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, mottled light green to white (5Y 8/1 to 10YR 8/1). Minor Lithologies: FORAMINIFER BEARING NANNOFOSSIL OOZE, olive (5Y 5/3) contains 30% foraminifers. It appears at the base of the fining-up sequence in Section 1, 56–105 cm. PYRITE BEARING NANNOFOSSIL OOZE, dark gray (5Y 4/1) contains a high percentage of opaque minerals. Pyrite appears in distinct clasts in Section 5. General Description: Throughout the core the sediment shows numerous colored clasts and colored bands in reddish gray, light greenish gray, greenish gray (10R 6/1, 5G 7/1, 5G 6/2). These bands are in Section 3, 74–78 cm; Section 4, 67–74 cm, 88–102 cm, 118–133 cm; Section 5, 44–53 cm; Section 6, 6–16 cm, 35–74 cm, 130–150 cm; and Section 7, 0–42 cm. The color bands have gradational contacts. Throughout the core black specks are common.
		2					10YR 8/1	
		3						
		4				S		
		5	late Pliocene	Ⓟ Ⓟ		S	5Y 8/1	
		6				I		
		7						
		CC						



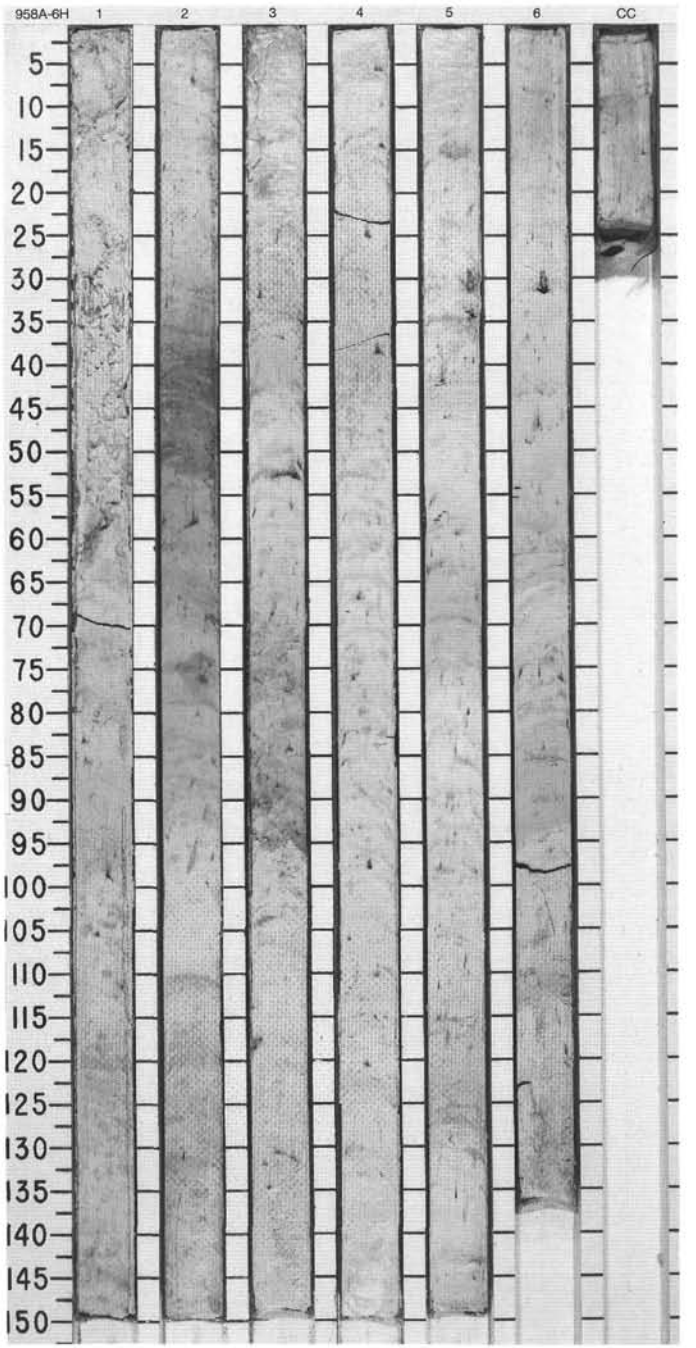
SITE 958 HOLE A CORE 5H CORED 38.0 - 47.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–6, CC	late Pliocene		WWW	S, S, I	5Y 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, with a faint light greenish gray layering in some intervals, distinct light greenish gray bandings (5GY 6/1) as indicated by gradational contacts in Section 1, 91–102 cm, Section 1, 148 cm to Section 2, 5 cm; Section 2, 140 cm to Section 3, 11 cm, 36–44 cm,117–150 cm; Section 4, 0–3 cm, 17–25 cm; slight to moderate bioturbation; black specks are frequent; single clasts and discontinuities are rare; layering may be imitated partly by diagenetic features.



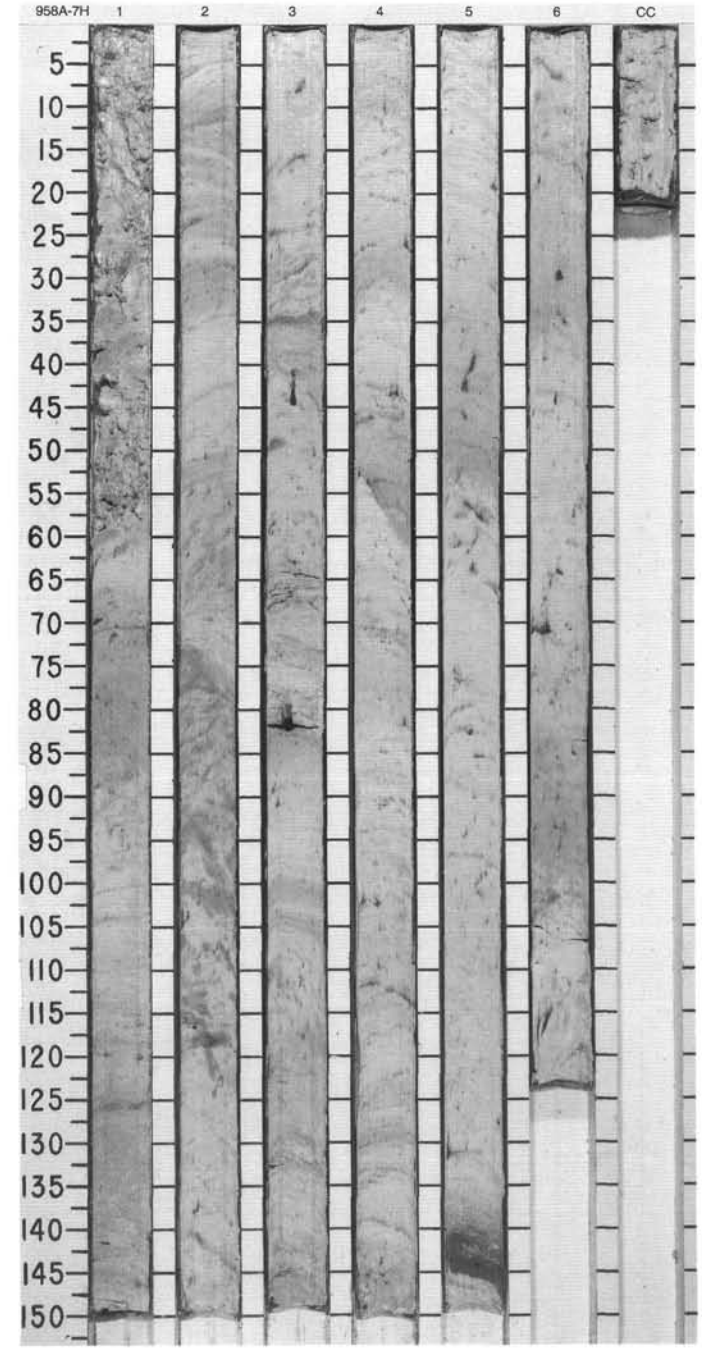
SITE 958 HOLE A CORE 6H CORED 47.5 - 57.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–6, CC	late Pliocene			S	5Y 8/1; 5GY 6/1; 5Y 8/1; 5GY 6/1; 5Y 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white sediment with light greenish gray layers; distinct light greenish gray to greenish gray banding is indicated by gradational contacts; black specks are common to frequent throughout the core; slightly to moderately bioturbated.



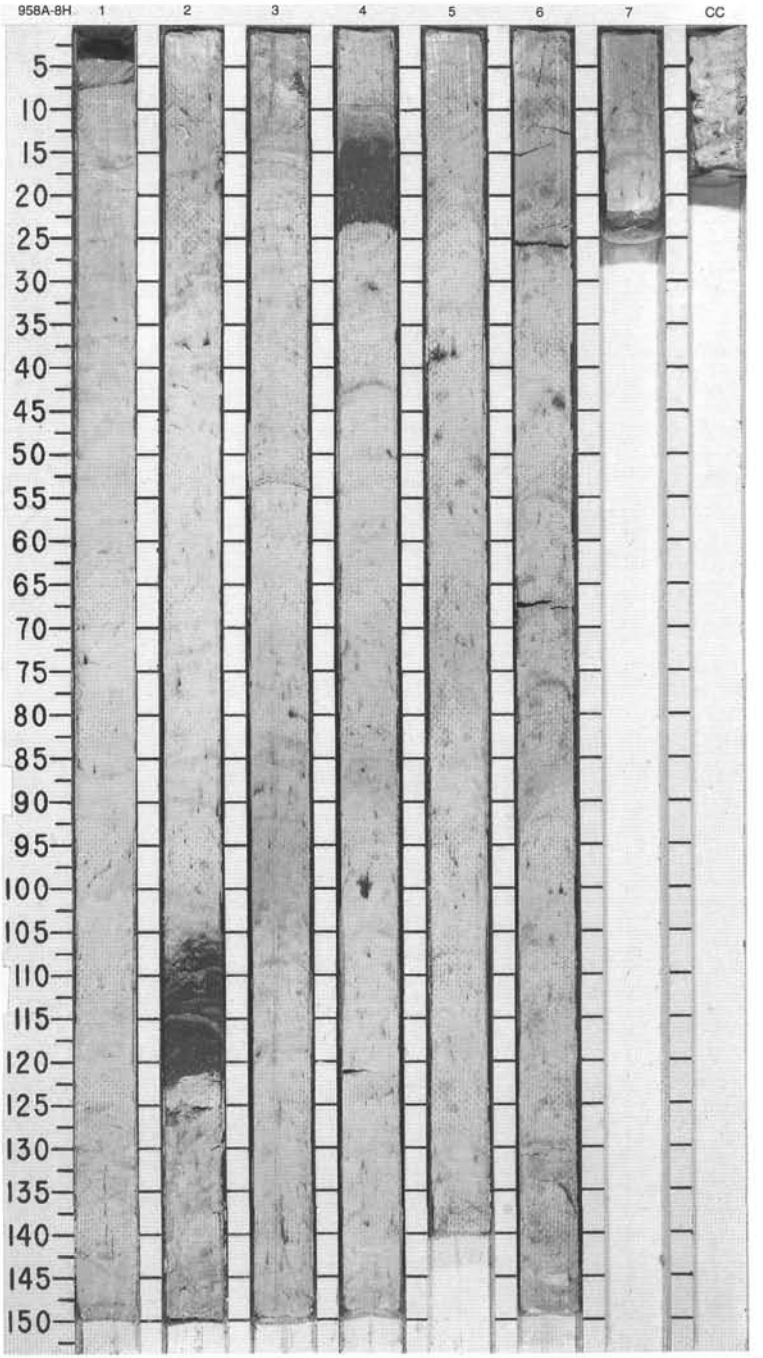
SITE 958 HOLE A CORE 7H CORED 57.0 - 66.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8		1–6, CC	early Pliocene		WWW	S	5Y 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white (5Y 8/1) with a light greenish gray layering, black specks are rare to common; minor bioturbation; sediment is mottled in various intervals.



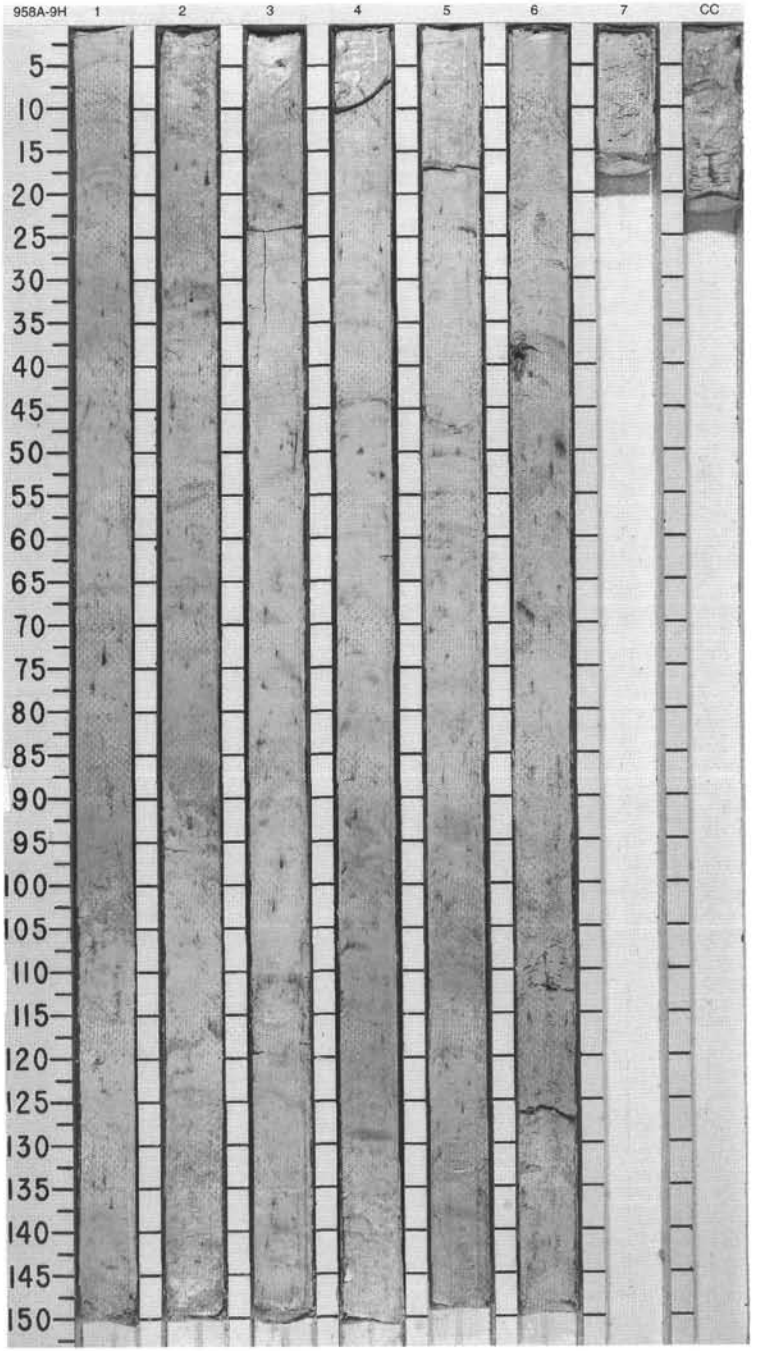
SITE 958 HOLE A CORE 8H CORED 66.5 - 76.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	early Pliocene			1	5Y 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white (5Y 8/1) with light greenish gray to white layers, black specks are common, minor to moderate bioturbation. Two olive gray (5Y 4/2) layers with sharp basal contacts occur in Section 2, 106–123 cm and Section 4, 9–23 cm.



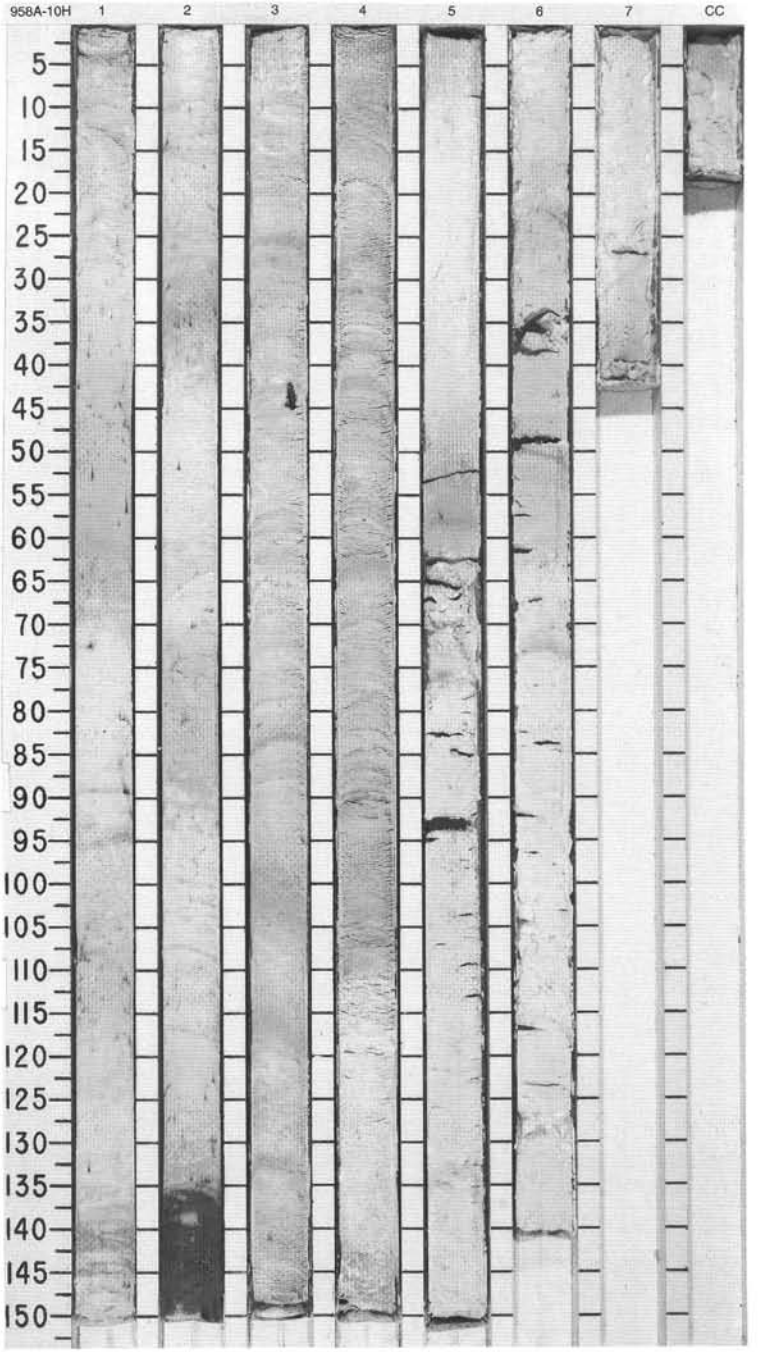
SITE 958 HOLE A CORE 9H CORED 76.0 - 85.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 2 3 4 5 6 7 8 9		1 2 3 4 5 6 7 CC	early Pliocene				5Y 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white (5Y 8/1) with a light greenish gray (5GY 7/1, 5G 7/1) and white layering, black specks and spots are common, minor bioturbation.



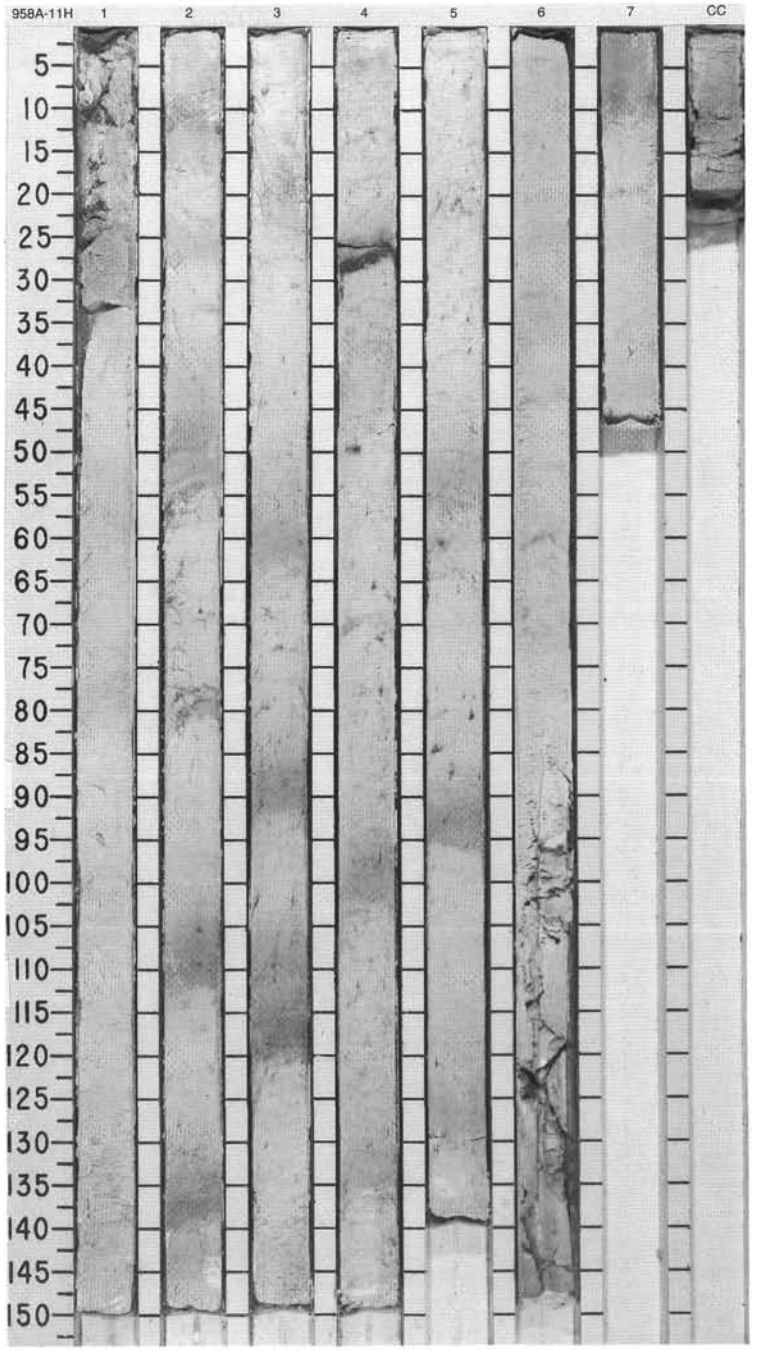
SITE 958 HOLE A CORE 10H CORED 85.5 - 95.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	early Pliocene			S	5Y 8/1; 5Y 8/1 To 5Y 7/2; 10YR 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, the major color is white 5Y 8/1 to 10YR 8/1 with color variation to light greenish gray (5GY 7/1 and 5G 7/1) in Section 1 and color banding between white and light green (5Y 8/1, 5Y 8/2 and 5Y7/1, 5Y 7/2) in Section 3, 7 cm to Section 4, 110 cm. Several colored sequences occur which have gradational contacts: Section 1, 141–150 cm, light olive gray (5Y 6/2) Section 2, 136 cm to Section 3, 7 cm, olive gray (5Y 4/2) Section 4, 145 cm to Section 5, 8 cm, light gray (5Y 7/1) Section 5, 48–66 cm, light gray (5Y 7/1) Section 6, 31–63 cm, light gray (5Y 7/1) Section 7, 35 cm to CC, 6 cm. Two gray (2.5YR 6/1) bands appear in Section 6, 48–49 cm and 72–73 cm. Black specks and spots are common in the whole core. A pyrite concretion in Section 3, 44 cm.



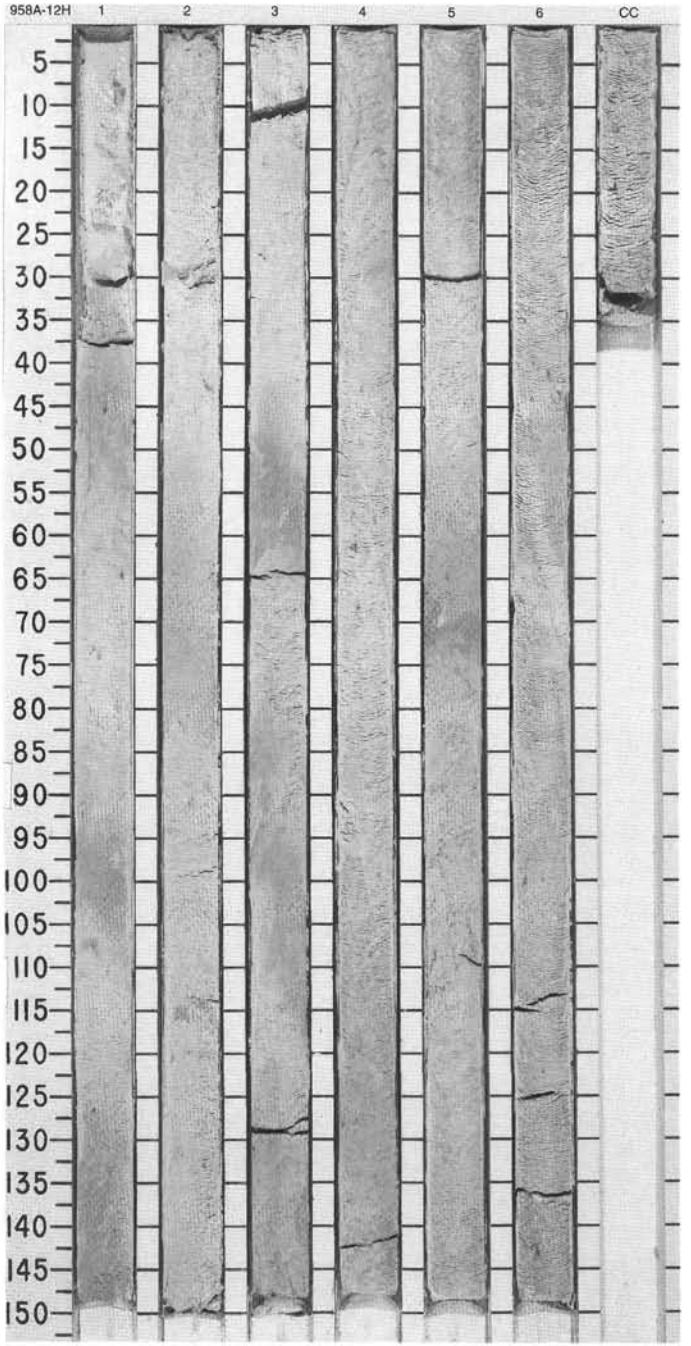
SITE 958 HOLE A CORE 11H CORED 95.0 - 104.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	early Pliocene		W	S, I	10YR 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white (10YR 8/1). Light gray layers (5Y 7/1) with a mean thickness of 10 cm and gradational contacts occur in Section 1, 32 cm; Section 2, 12 cm, 54 cm, 112 cm, 139 cm; Section 3, 62 cm, 91 cm, 121 cm; Section 4, 102 cm, 137 cm; Section 5, 57 cm, 96 cm. The layers consist of slightly finer material than the surrounding sediment. The color bands are slightly to moderately bioturbated.



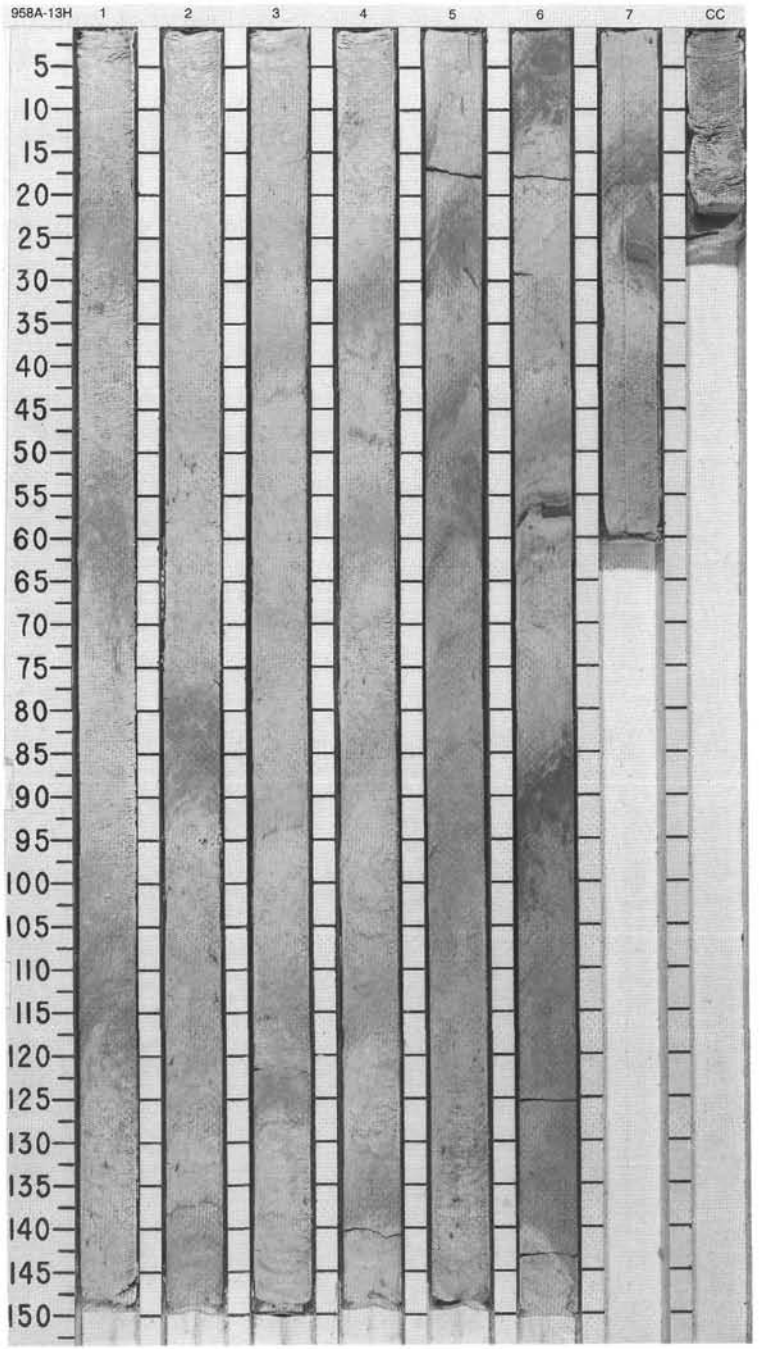
SITE 958 HOLE A CORE 12H CORED 104.5 - 114.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–6, CC	late Miocene				5Y 8/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white (5Y 8/1) with light gray color bands; bands are moderately to strongly bioturbated; black specks and spots are rare; sedimentary layers partly disturbed.



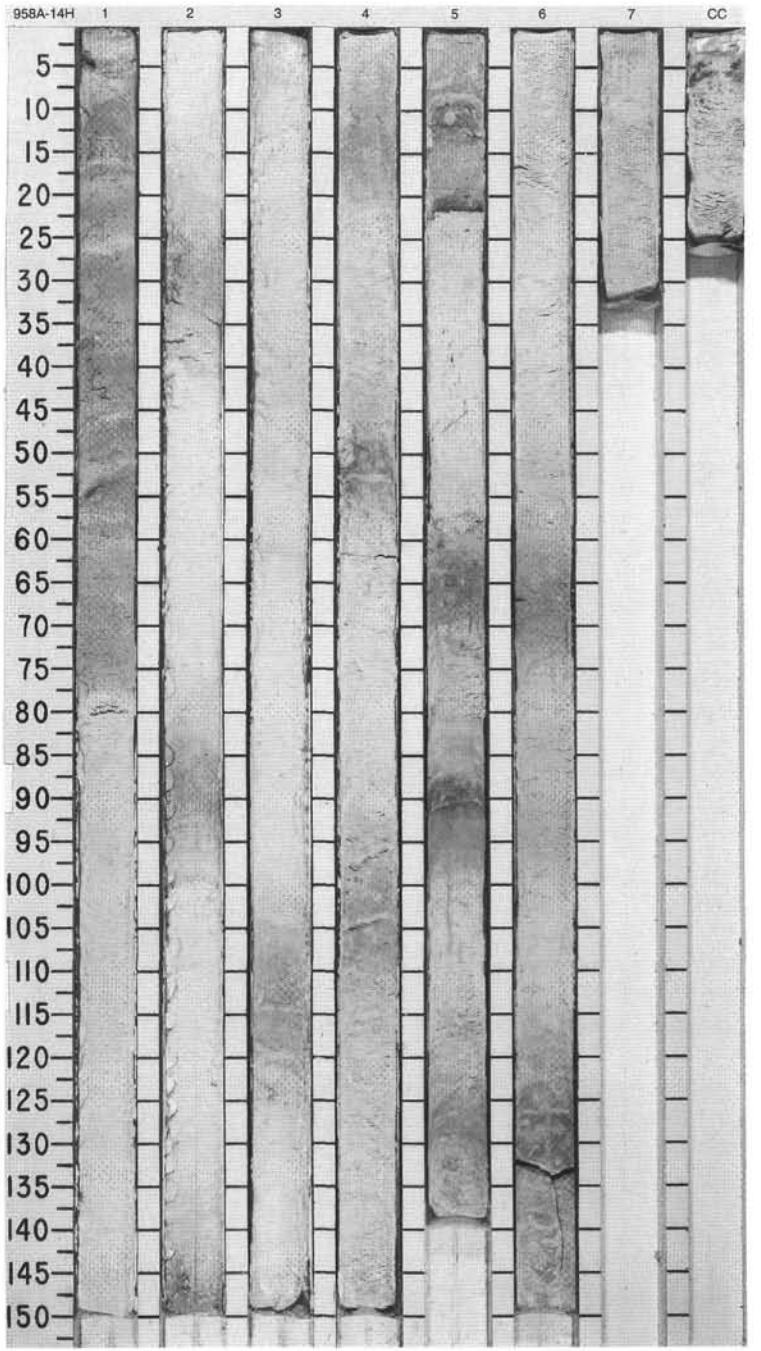
SITE 958 HOLE A CORE 13H CORED 114.0 - 123.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	late Miocene				5Y 8/1 To 5Y 8/2	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white (5Y 8/1, 5Y 8/2) with black specks and spots. The whole core shows a slight to moderate bioturbation and deformation. Light gray layers (5Y 7/1, 5Y 7/2) with gradational contacts occur in Section 1, 32 cm, 70 cm, 123 cm; Section 2, 92 cm, 150 cm; Section 3, 43 cm, 129 cm; Section 4, 38 cm, 64 cm, 91 cm, 119 cm, 142 cm; Section 5, 31 cm, 60 cm. Light green to gray layers occur in Section 6, 14 cm, 105 cm. The layers have a thickness between 10–20 cm. Deformed layers occur in Section 6, 141–147 cm and Section 7, 12–33 cm. Section 6 contains a fining-up sequence between 55–58 cm.



SITE 958 HOLE A CORE 14H CORED 123.5 - 133.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	late Miocene			S	5Y 6/1	NANNOFOSSIL OOZE Major Lithology: NANNOFOSSIL OOZE, white to light gray and gray (5Y 8/1 to 5Y 6/1) with banded intervals and distinct light gray bands, slightly to moderately bioturbated. Minor Lithology: SANDY FORAMINIFERAL NANNOFOSSIL OOZE, light gray (5Y 7/1) to dark gray (2.5 YR 4/1), shows a fining-upward sequence in Section 5, 9–22 cm.
							N7	
						S		
		2						
		3					5Y 8/1	
		4						
						S S		
		5						
						I		
		6					5Y 8/1	
		7						
		CC						



SITE 958 HOLE B CORE 1H CORED 0.0 - 8.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8		1	Pleistocene		W	S	10YR 7/3	FORAMINIFER NANNOFOSSIL OOZE Major Lithology: FORAMINIFER NANNOFOSSIL OOZE, pink to brownish gray (7.5YR 7/4 to 7.5 YR 7/2) and white (10YR 7/2 to 10YR 8/1), slightly to moderately bioturbated. Bioturbation is more apparent in intervals of color changes.
							7.5YR 7/4	
		2					10YR 6/2	
							7.5YR 7/4	
		3						
							7.5YR 7/2	
		4					10YR 7/2	
		5					10YR 7/2	
							5GY 7/1	
		6					10YR 8/1	
		CC