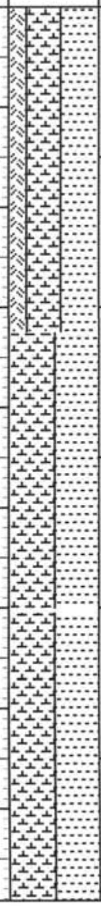
Information on Core Description Forms, for ALL sites, represents field notes taken aboard ship. Some of this information has been refined in accord with post-cruise findings, but production schedules prohibit definitive correlation of these forms with subsequent findings. Thus, the reader should be alerted to the occasional ambiguity or discrepancy in this unedited material.

SITE 950 HOLE A CORE 1H CORED 0.0 - 8.9 mbsf

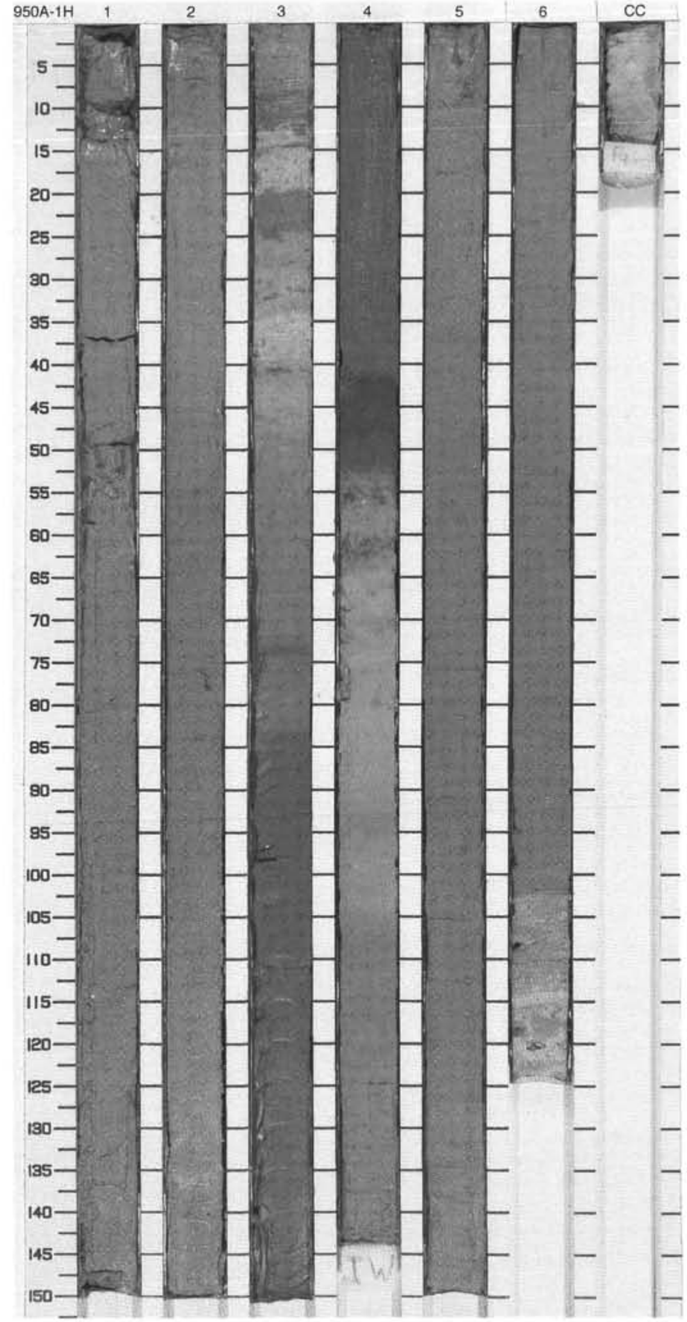
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8		1, 2, 3, 4, 5, 6, CC	Pleistocene		○ ○	C, C, C C C, C, C, O I, C, C C M	1Y 4/2; 3Y 4.5/1; 9.7YR 5/2.5; 1.5Y 3.8/1.3; 3.1Y 3.9/1.2; 3.3Y 4/1; 4.9Y 4.6/1.3	CLAYEY NANNOFOSSIL MIXED SEDIMENT

CLAYEY NANNOFOSSIL MIXED SEDIMENT

Major Lithology:
This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick.

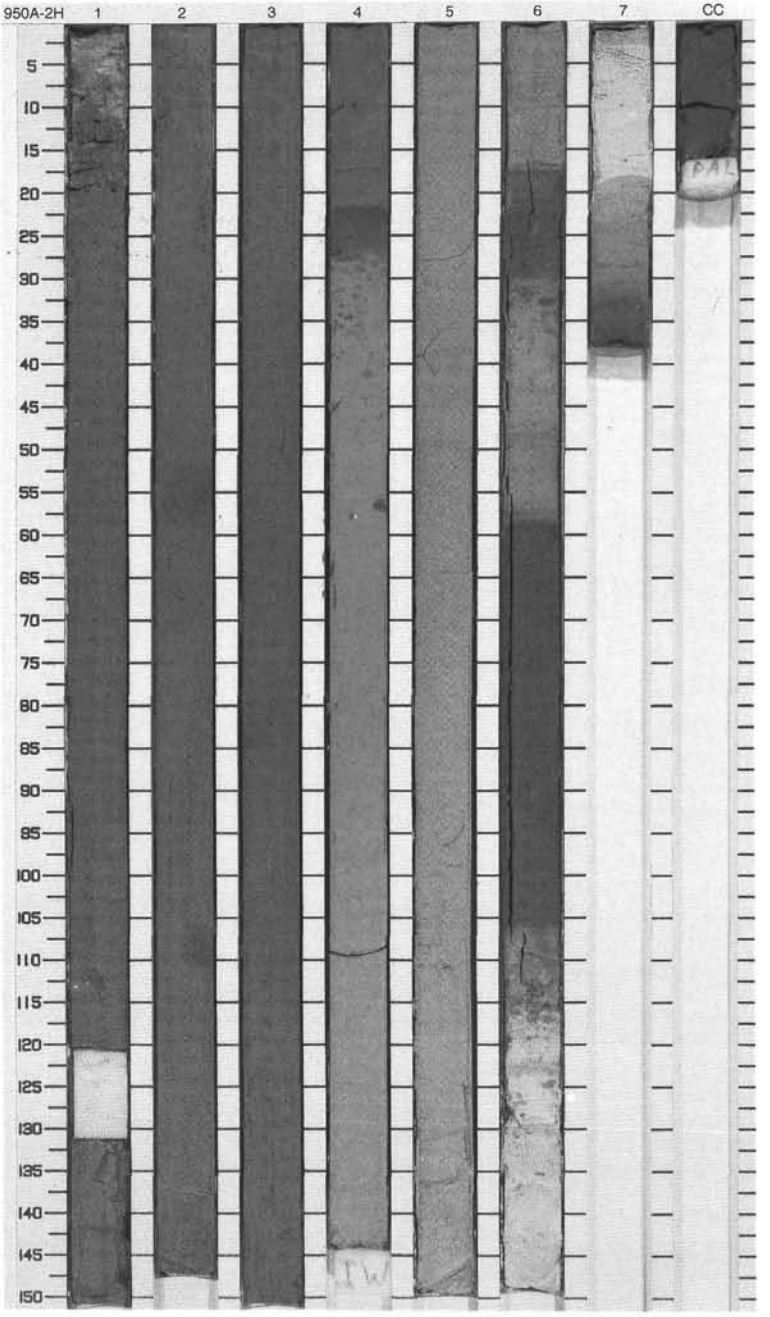
Minor Lithology:
Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 4, 45–55 cm, Section 6, 102–114 cm, and Section 6, 110 and 120 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 3, 8–12 and 20–24 cm, and Section 4, 41–52 cm.

General Description:
The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Many of the major lithologic units exhibit abrupt color changes in their upper parts depending on organic carbon content.



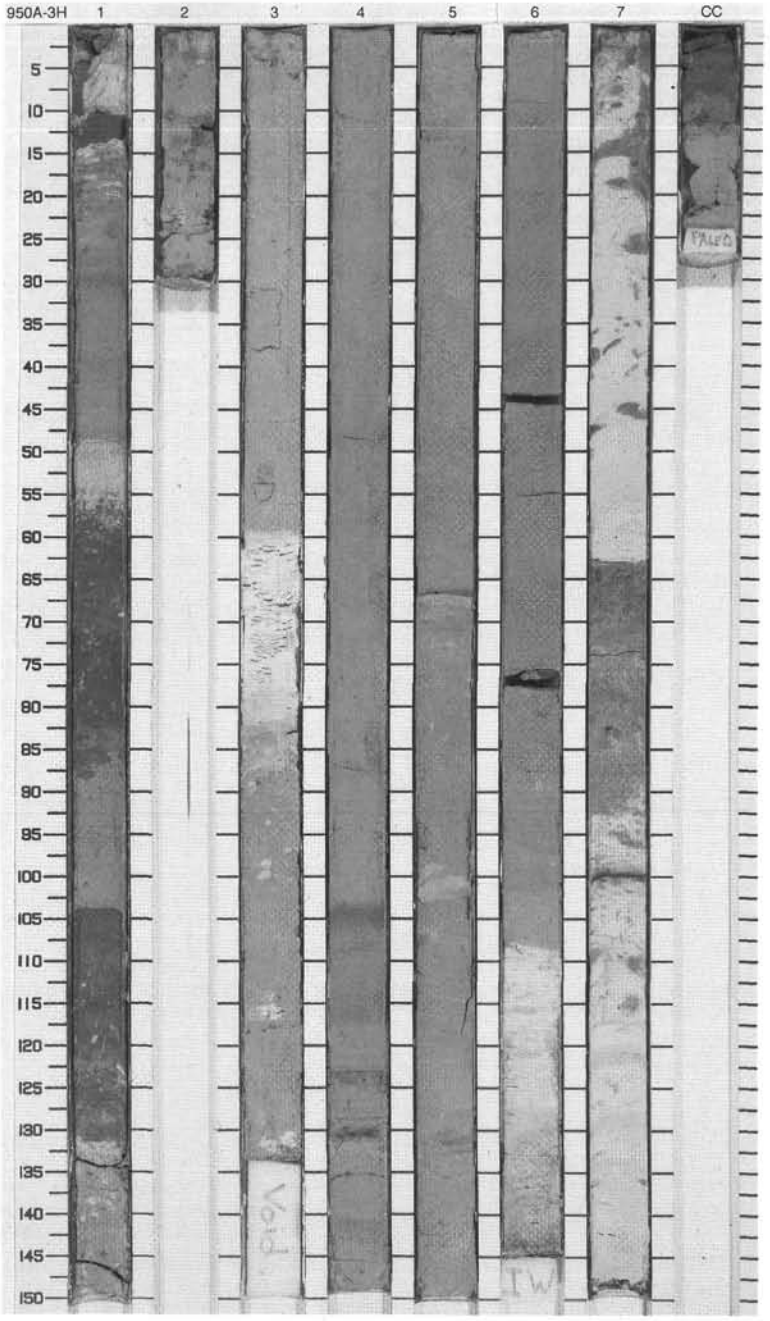
SITE 950 HOLE A CORE 2H CORED 8.9 - 18.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	Pleistocene			C, C, I, C, C, C, C, C, M C	9.5Y 4/1; 9.6Y 4.2/1.4; 4.2GY 4.9/1.0; 8.5Y 3.9/1.5; 0.6Y 6.7/1.6; 8.7Y 3.2/1.0	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of *interbedded green* CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 6, 106–116 cm, and Section 7, 18–22. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 3, 22–28 cm, and Section 6, 18–28 cm. One interbed of NANNOFOSSIL OOZE occurs in Section 6, 118–150 cm, and Section 7, 0–18 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. *Major lithologic units* contain abrupt color changes in the upper parts depending on organic carbon content.



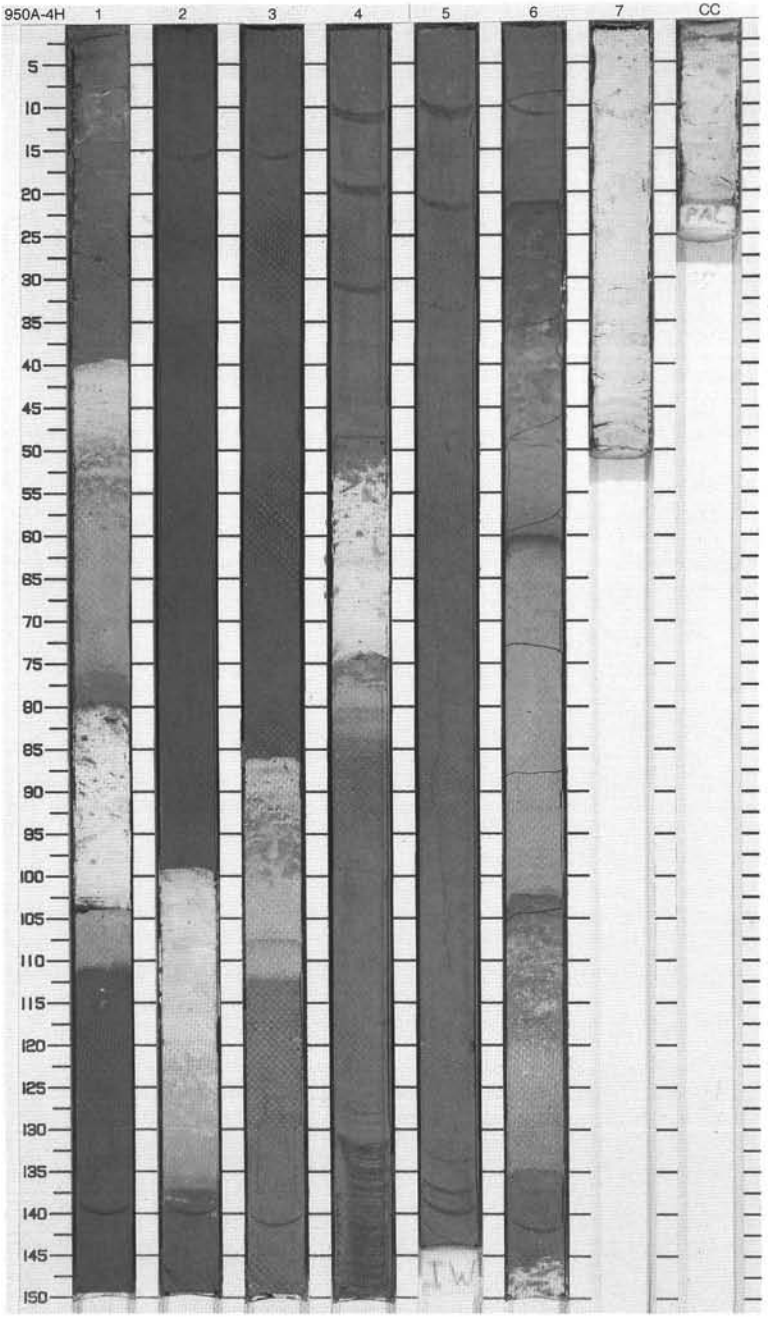
SITE 950 HOLE A CORE 3H CORED 18.4 - 27.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	Pleistocene			O, M	1Y 5/1; 9YR 4/3; 1.7Y 4/2; 0.2Y 6/1; 1.4Y 3/1; 3Y 4/1; 10YR 5.6/1; 1.3Y 7/1; 7Y 5/2; 1.1Y 6/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. *Minor Lithologies:* Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 14–24 cm, and Section 6, 132–150 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 10–12 cm. One minor interbed of NANNOFOSSIL OOZE occurs in Section 1, 48–54 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor *lithologies. Major lithologic units* contain abrupt color changes in the upper parts depending on organic carbon content.



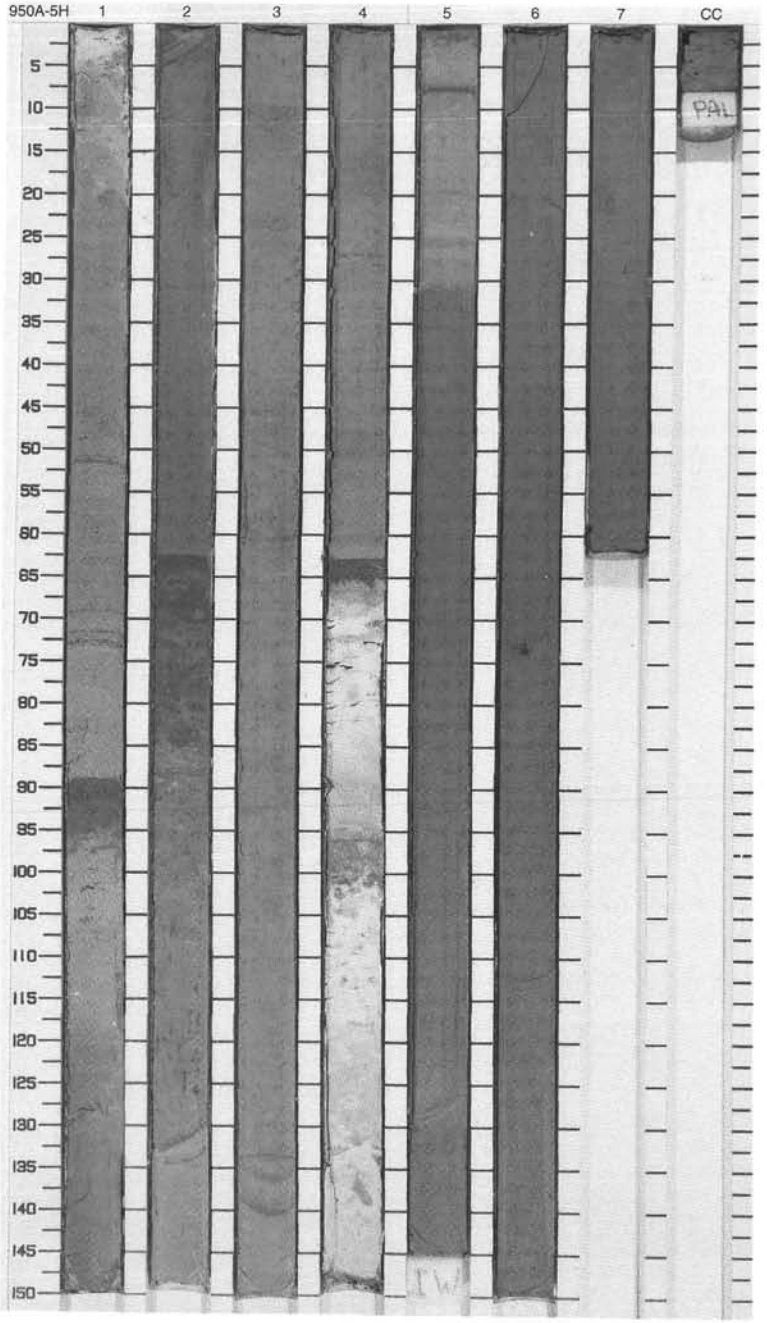
SITE 950 HOLE A CORE 4H CORED 27.9 - 37.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	Pleistocene			C SC C C	8.9Y 4.4/1.4 1.5GY 6.8/0.6	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 4, 50–55 and 76–78 cm, and Section 6, 102–118 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 6, 136–148 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		2				SC C	7Y 3.4/1.8 1.3GY 6.1/10.5	
		3				C C	8.9Y 3.8/1.4 8.6Y 4.1/1.5	
		4				C C	4.6GY 6.4/0.6	
		5				C	3.8GY 4.8/0.9	
		6				OI C SC CC C	1.8Y 3.1/0.9 2.9Y 4.7/1.0	
		7				C	1.9Y 2.6/0.3	
		CC				MC		



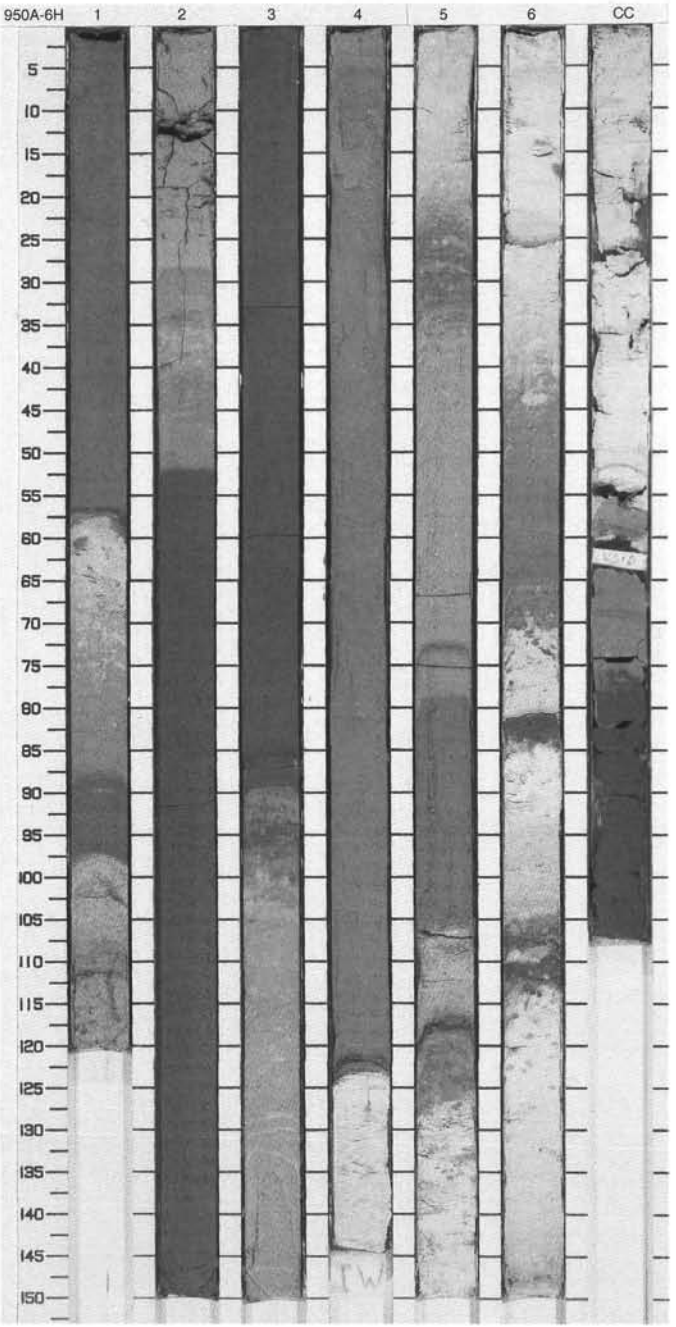
SITE 950 HOLE A CORE 5H CORED 37.4 - 46.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8		1–7, CC	Pleistocene			C, C, C, SC, C, C, C, C, C, S, I, O, C, M	2.2Y 4.7/1.1; 3Y 4.9/1; 0.4Y 3.8/1.4; 3.1Y 4.3/1.0; 1Y 4.6/0.8; 3.7Y 5.1/0.7; 7.7Y 3.8/1.2	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically *have sharp bases and moderately* bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 4, 66–68 and 118–132 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 90–96 cm, and Section 4, 66–68 and 94–101 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



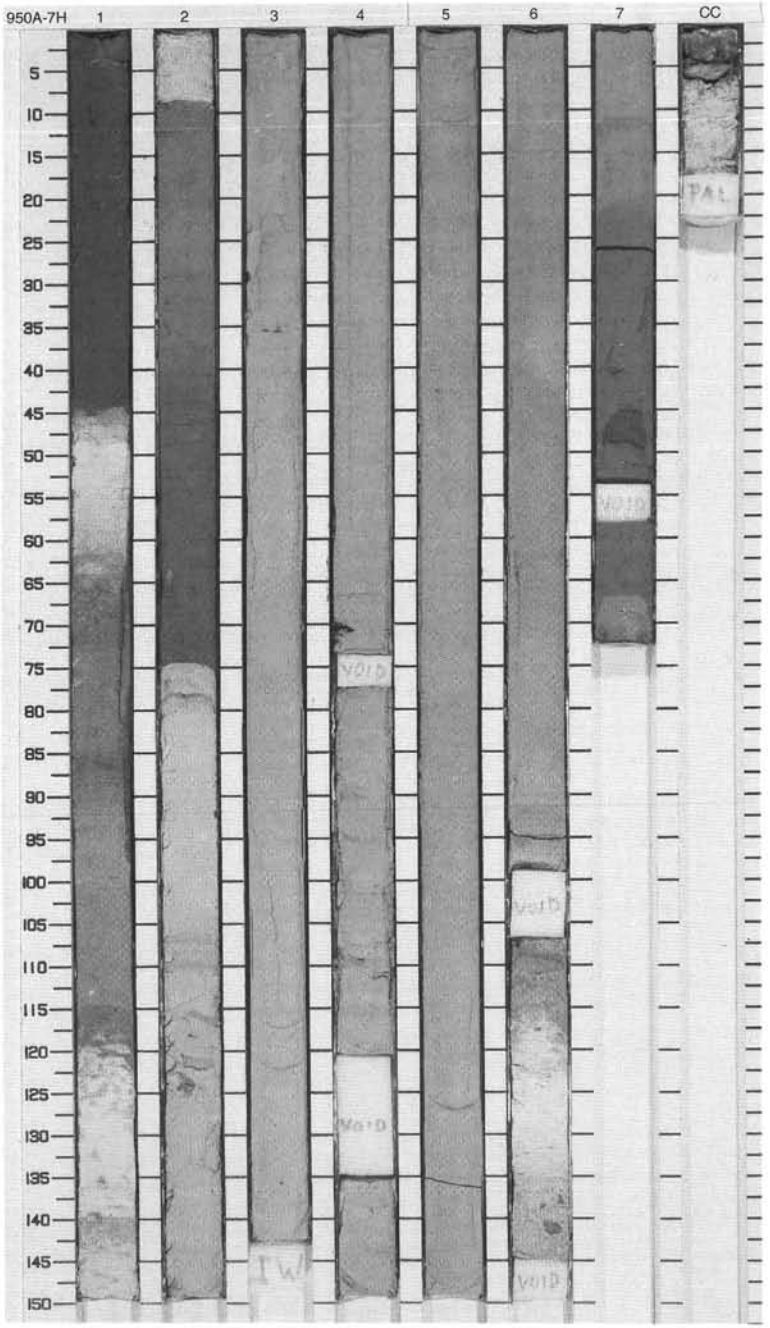
SITE 950 HOLE A CORE 6H CORED 46.9 - 56.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–6, CC	Pleistocene			C, I, O, S, MC	8.6Y 4.0/1.2; 4Y 5.2/1.1; 0.2GY 3.7/1.2; 3.7Y 4.6/1.2; 0.1Y 6/1; 5Y 4/1; 1Y 6/1; 3Y 4/1; 1Y 4/2; 1Y 4/2; 9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 98–112 cm, Section 2, 28–38 cm, Section 3, 90–104 cm, Section 5, 20–36 and 108–118 cm, and Section 6, 68–70 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 5, 120–128 cm, and Section 6, 82–84 and 106–112 cm. Interbeds of NANNOFOSSIL OOZE occur in Section 1, 58–68 cm, and Section 6, 28–40 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



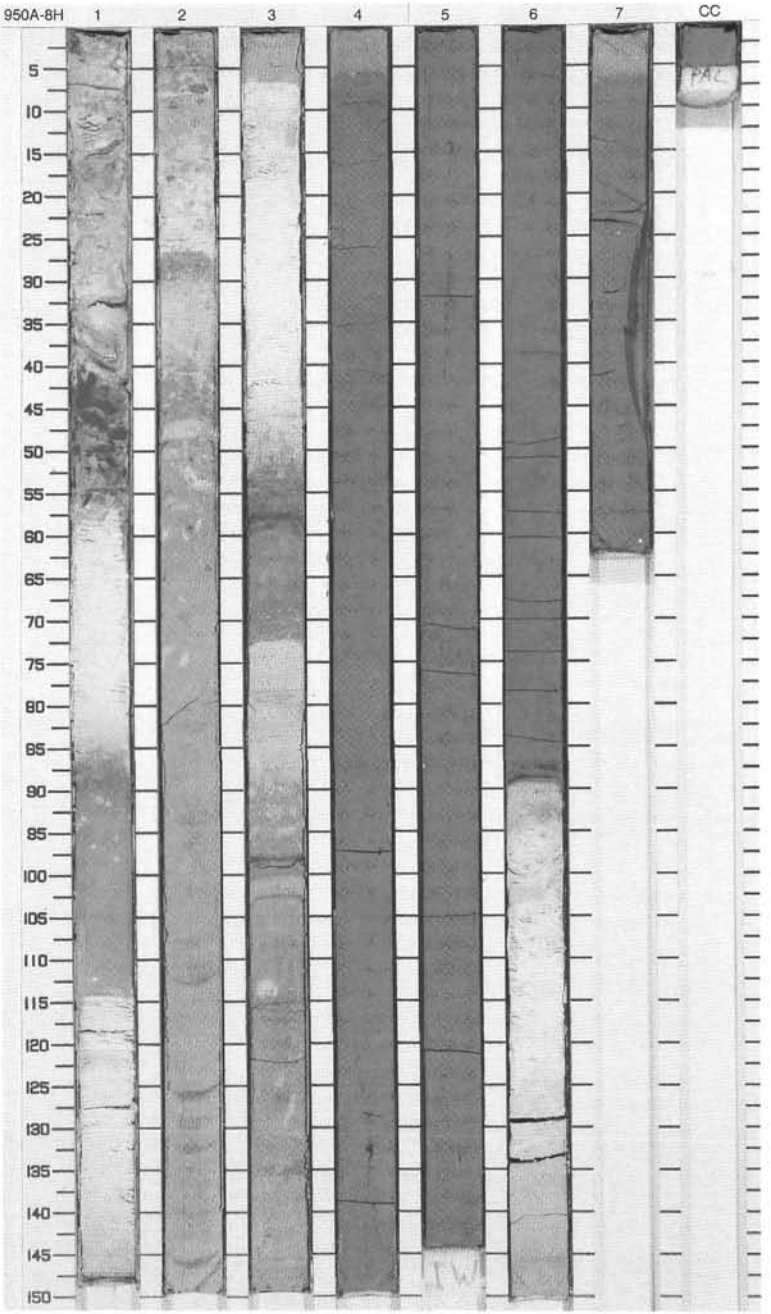
SITE 950 HOLE A CORE 7H CORED 56.4 - 65.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	Pleistocene			C	5Y 9/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT
							7Y 5/1	Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick.
							2Y 7/1	
		2				C	5Y 9/1	
		3				S		Minor Lithologies: Minor interbeds of CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 2, 76–82 cm, Section 6, 108–116, and Section 7, 68–72 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 114–121 and 140–142 cm, and Section 2, 8–12 cm .
						C		
		4				O I	9.5Y 5/1	General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		5						
		6				SC	1Y 7/1	
		7				C	7Y 4/1	
		CC				M		



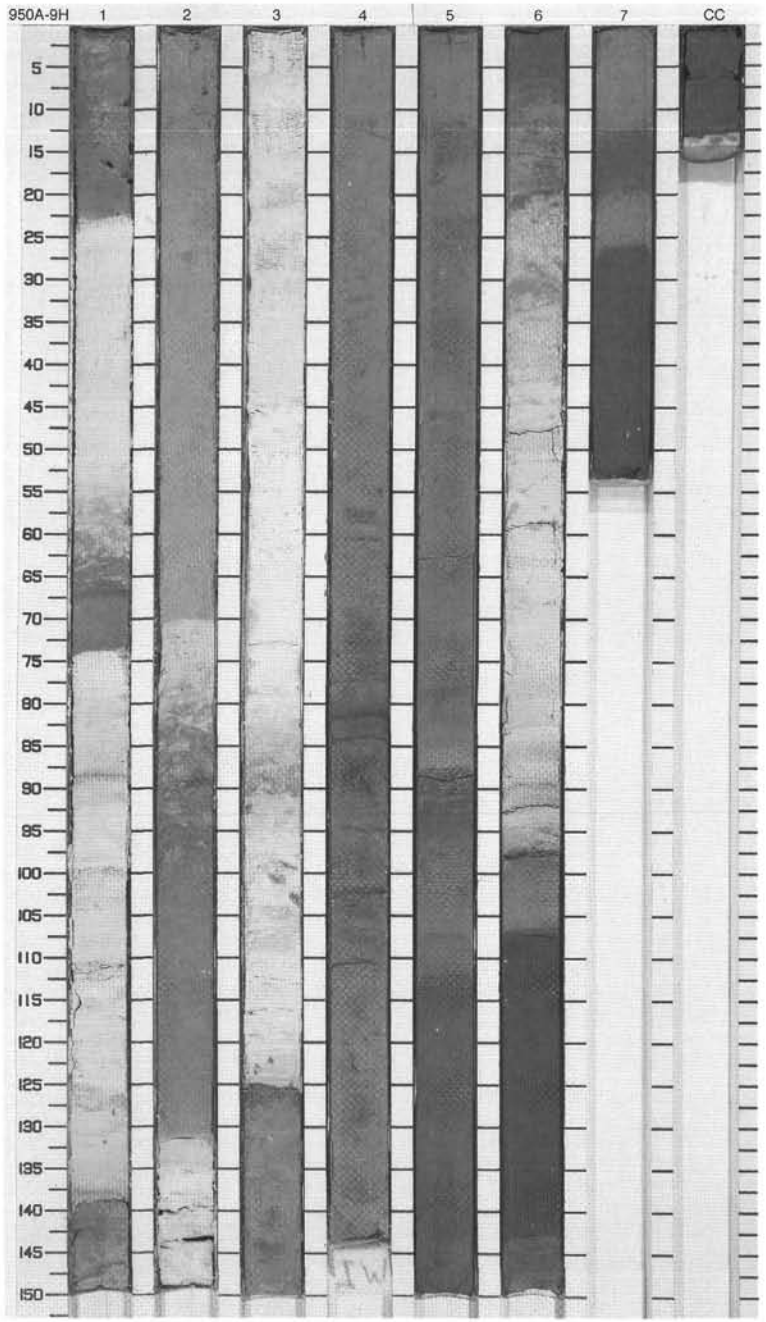
SITE 950 HOLE A CORE 8H CORED 65.9 - 75.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–7, CC	Pleistocene			C, CS, C, OI, S, C, C, M	1Y 5/1; 0.1Y 6/1; 2Y 2/5; 1Y 7/1; 2Y 5/2; 4Y 5/1; 1Y 7/1; 3Y 5/1; 9Y 4/1; 2Y 7/1; 9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 148–150 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 2, 28–29 cm, and Section 3, 130–136 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



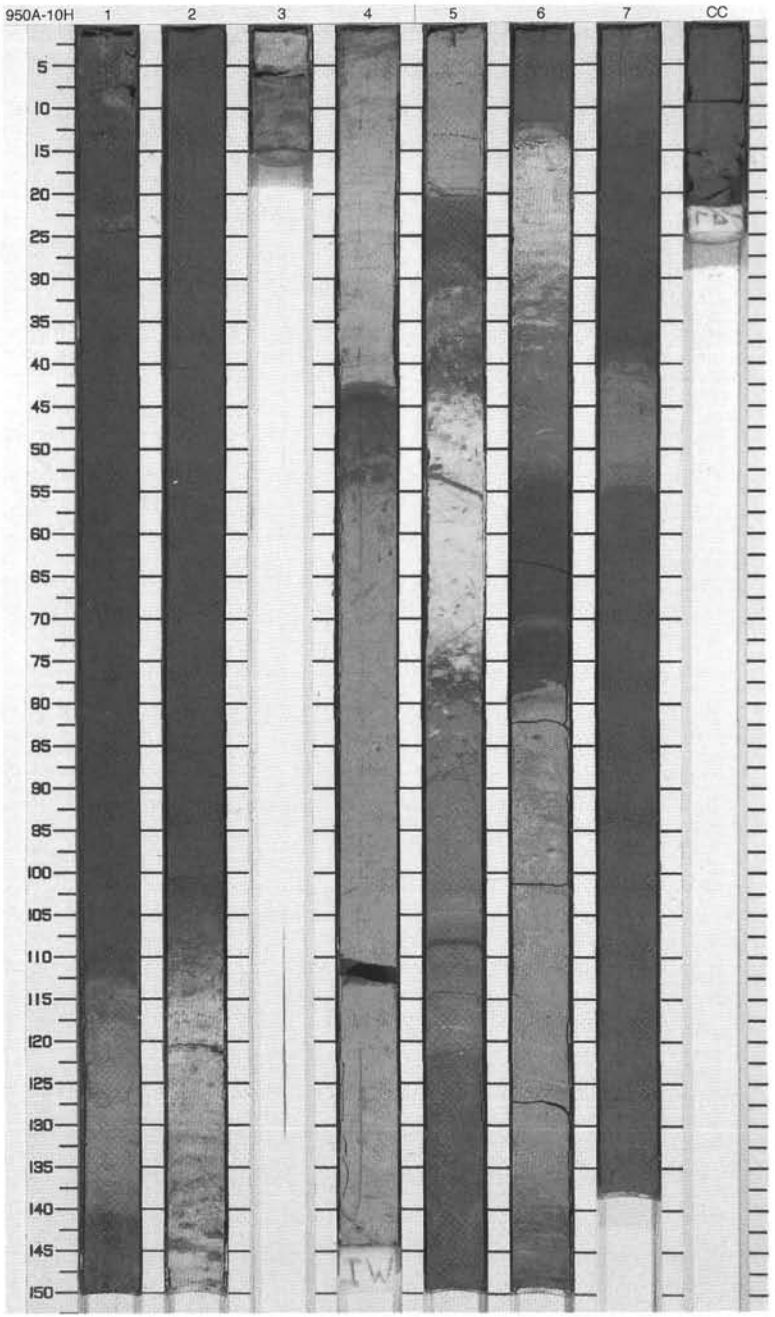
SITE 950 HOLE A CORE 9H CORED 75.4 - 84.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	Pleist.			C	2Y 7/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 140–145 cm, Section 3, 82–94, and Section 5 from 88–90 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 2, 88–94 cm, Section 3, 126–128 cm, Section 6, 98–100 and 142–146 cm, and Section 7, 18–20 cm. One interbed of NANNOFOSSIL OOZE occurs in Section 2, 70–88 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							2Y 7/1	
		2		↑F			2Y 5/1	
							3Y 4/1	
		3				SC	8YR 3/1	
							1Y 7/1	
							1Y 7/1	
							1Y 7/1	
		4	Pliocene			SC	4Y 4/1	
						I		
		5					5Y 4/1	
		6		↑F ↑F		C C S S	2Y 6/1	
							8Y 3/1	
		7					9Y 4/1	
		CC				M		



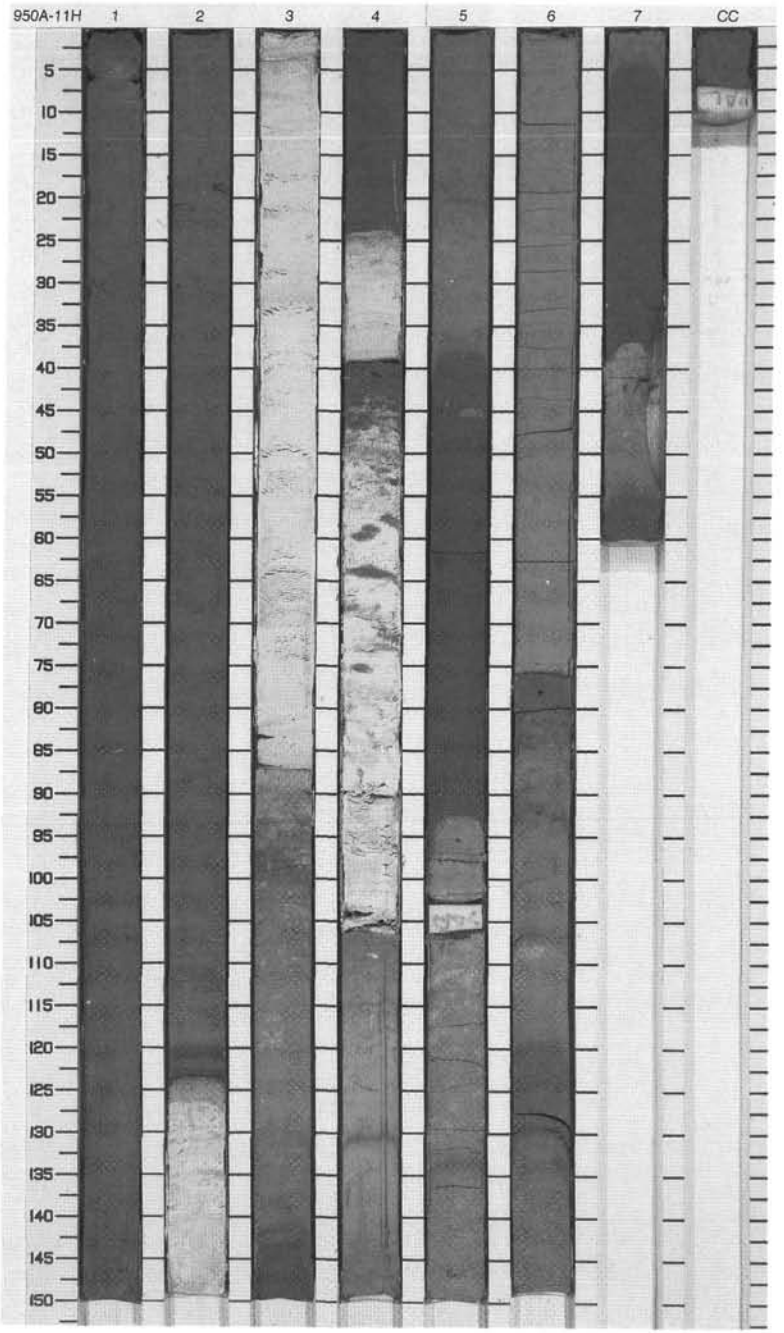
SITE 950 HOLE A CORE 10H CORED 84.9 - 94.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1, 2, 3, 4, 5, 6, 7, CC	late Pliocene			C, CS, C, C, C, C, CS, C, S, C, M	9Y 4/1; 8Y 4/1; 1Y 4/1; 3Y 5/1; 2.5Y 5/1; 3Y 6/1; 4Y 5/1; 1Y 6/1; 5.5Y 5/1; 4.5Y 4/1; 4.5Y 4/1; 8Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbed of CLAYEY NANNOFOSSIL MIXED SEDIMENT occurs in Section 2, 124–138 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 110–114 cm, Section 2, 100–112 cm, Section 3, 6–12 cm, Section 4, 44–54 cm, Section 5, 78–80 cm, and Section 6, 72–79 and 138–140 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



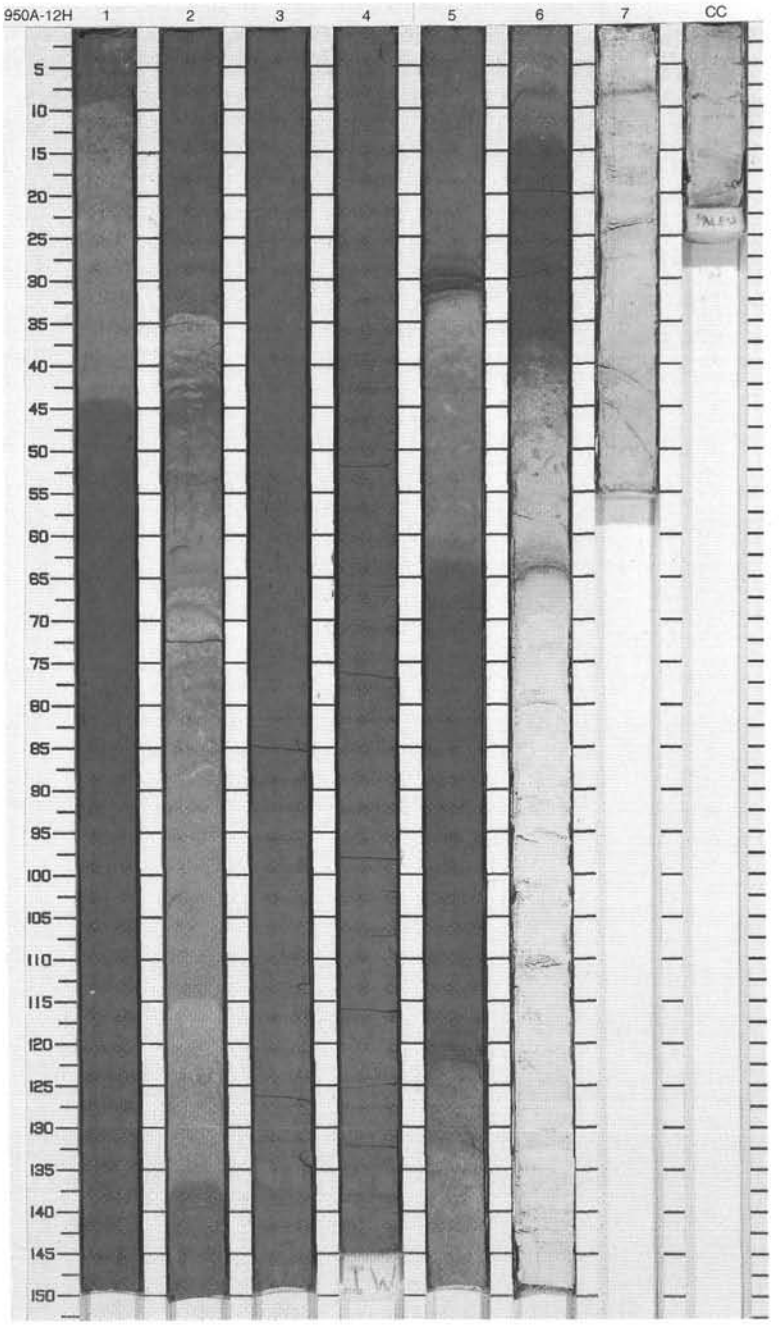
SITE 950 HOLE A CORE 11H CORED 94.4 - 103.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	late Pliocene			C S	9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 2, 124–127 cm, Section 4, 23–25 cm, and Section 7 at 37–43 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 4, 38–42 and 106–112 cm, Section 5, 20–22 cm, Section 6, 76–82 and 130–133 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		2				C		
		3				C	0.2Y 7/1	
							4.5Y 4/1	
							5Y 4/1	
							7Y 7/1	
		4					3Y 6.5/1	
							5Y 5/1	
						O C		
		5					3Y 6.5/1	
							2Y 4.5/1	
		6	??			C	5.5Y 5/0.6	
						S	3.5Y 5/1	
		7				C	8Y 4/1	
		CC				M C S	6Y 4/1	



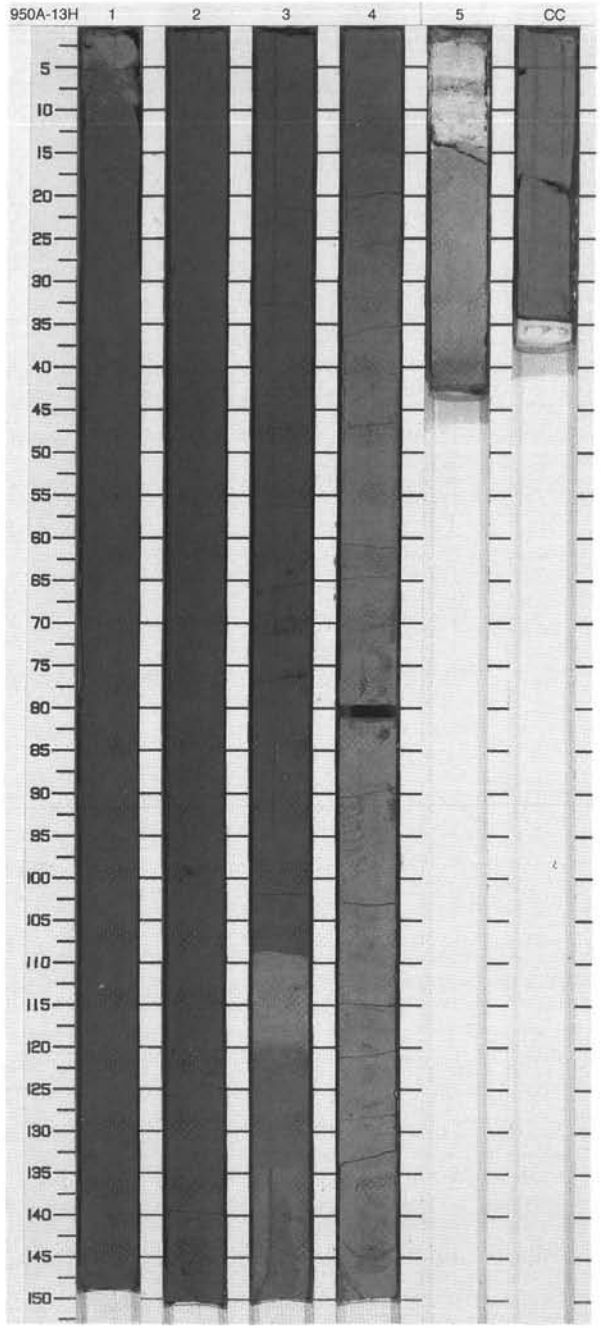
SITE 950 HOLE A CORE 12H CORED 103.9 - 113.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene			C	9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE WITH FORAMINIFER. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT occur in Section 2, 34–44, 64–72, and 114–122 cm, and Section 5, 30–36 and 122–134. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 8–18 cm, and Section 6, 36–40 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
						CS	3Y 4.5/1	
		2					2.5Y 5/1	
		3				CS		
		4				O I	10Y 4/1	
		5				C	7Y 4/1	
							3GY 4/1	
		6				S		
							6Y 4/0.5	
		7				S		
		CC				M		



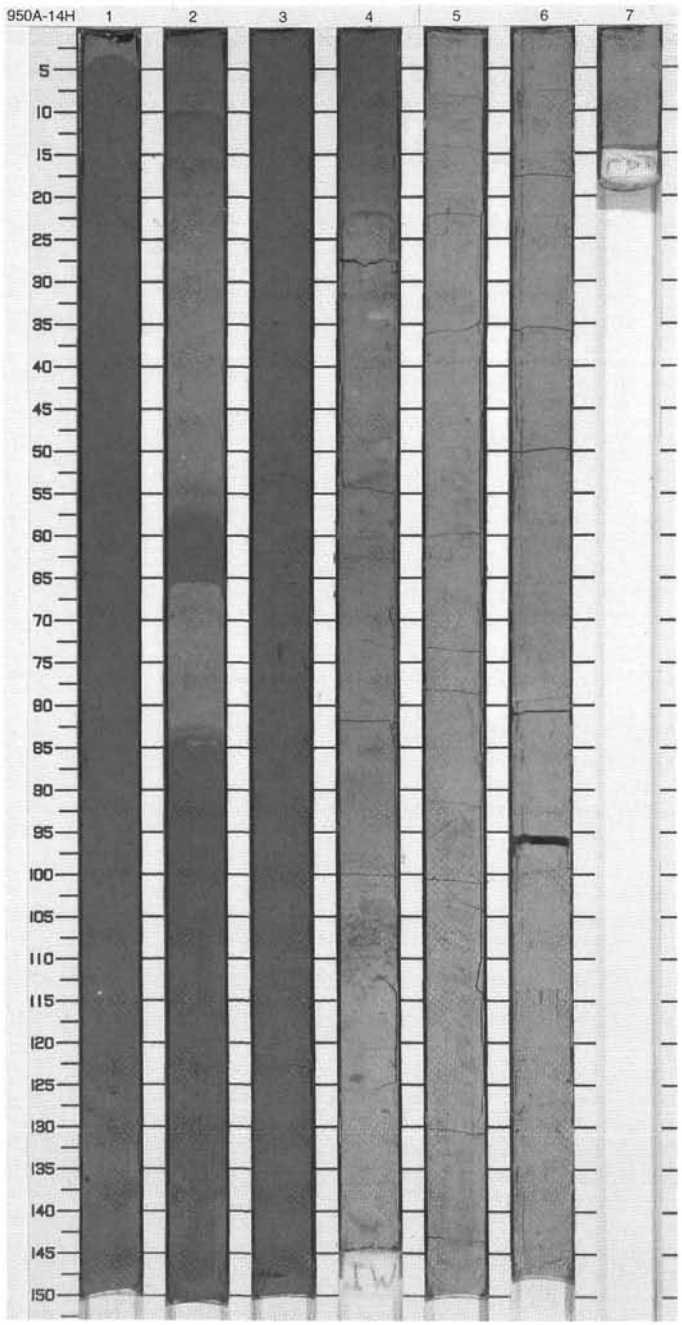
SITE 950 HOLE A CORE 13H CORED 113.4 - 122.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–6		1, 2, 3, 4, 5, CC	early Pliocene			C, S, O C S, S, M	9Y 3/1; 0.5GY 3.5/1; 8Y 5/1; 6Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown (10YR 5/3) CLAYEY NANNOFOSSIL MIXED SEDIMENT are in Section 3, 108–112 cm. Minor interbeds of CLAY WITH NANNOFOSSILS are in Section 4, 12–16 cm. Minor interbeds of NANNOFOSSIL OOZE are in Section 5, 0.2–10 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



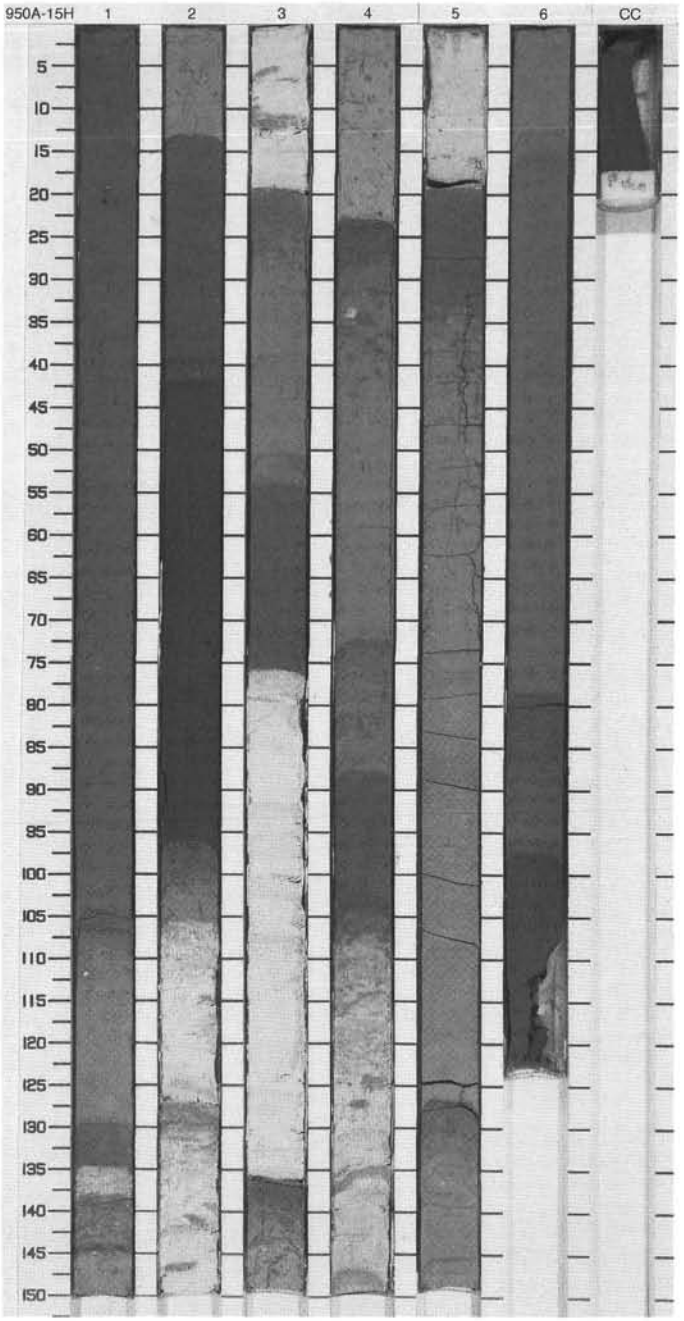
SITE 950 HOLE A CORE 14H CORED 122.9 - 132.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene				6Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 2, 10–22, 20–24, and 66–68 cm, and Section 4, 22–26 and 100–108 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
						S		
		2				C	4Y 4/1	
		3					7Y 4/1	
		4					10Y 5/0.6	
						O		
		5				C	3.6Y 5/1	
		6				S		
		7				M		



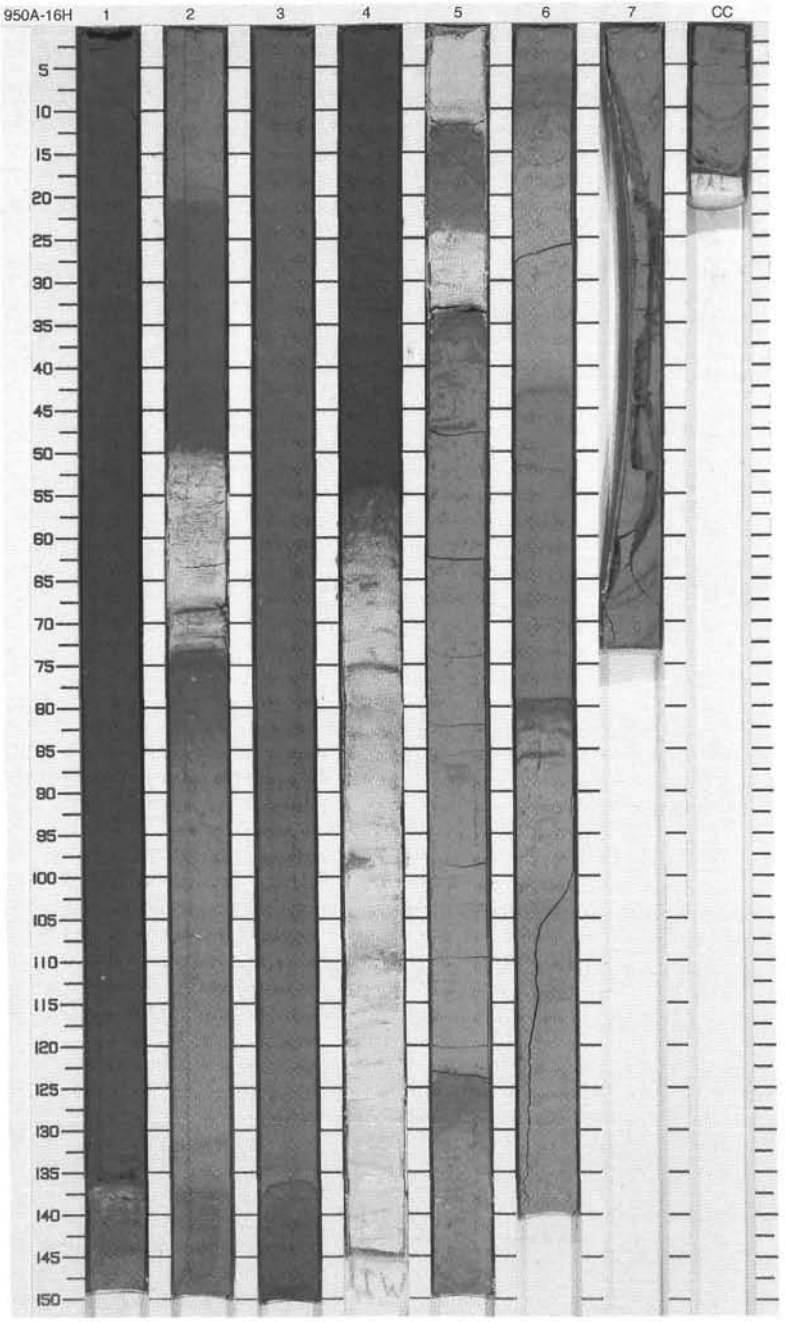
SITE 950 HOLE A CORE 15H CORED 132.4 - 141.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene				9Y 3/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE WITH FORAMINIFER. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 106–109, 135, and 138–142 cm, Section 2, 98–100, 105, and 128–131 cm, Section 3, 20–25 and 138–140 cm, Section 4, 20–26, 75, and 102–106 cm, Section 5, 20–32 and 130–132 cm, and Section 6, 78–80 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							6Y 4.5/1	
		2					8Y 2.5/1	
						C	4Y 4/1	
							3Y 6/1	
		3					4Y 4/1	
							1.4Y 6/1	
						C	3Y 5/1	
							4Y 4/1	
		4				C	4Y 4/1	
						S	4Y 3.5/1	
						O C	3Y 4.4/1	
		5				S	2Y 4/1	
		6					1.3G 3.5/1	
		CC				M		



SITE 950 HOLE A CORE 16H CORED 141.9 - 151.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene			C C C	0.6GY 3/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, gray CLAYEY NANNOFOSSIL MIXED SEDIMENT, and white NANNOFOSSIL OOZE WITH FORAMINIFERS. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 136–148 cm, Section 2, 50–51, 74–82, and 112 cm, Section 3, 136–138 cm, Section 4, 55–60 cm, Section 5, 10–12, 32–34, and 125–130 cm, and Section 6, 6–10 and 79–80 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
						S	3.5Y 3.5/1	
		2				S	2.8Y 4/1	
							3Y 4/1	
		3					6Y 3.5/1	
		4				O I	9Y 2.4/0.7	
							3Y 6/1	
		5		F			5Y 4.5/1	
							5Y 4.4/1	
		6				C	5Y 4/1	
		7					4Y 4/1	
		CC				M		

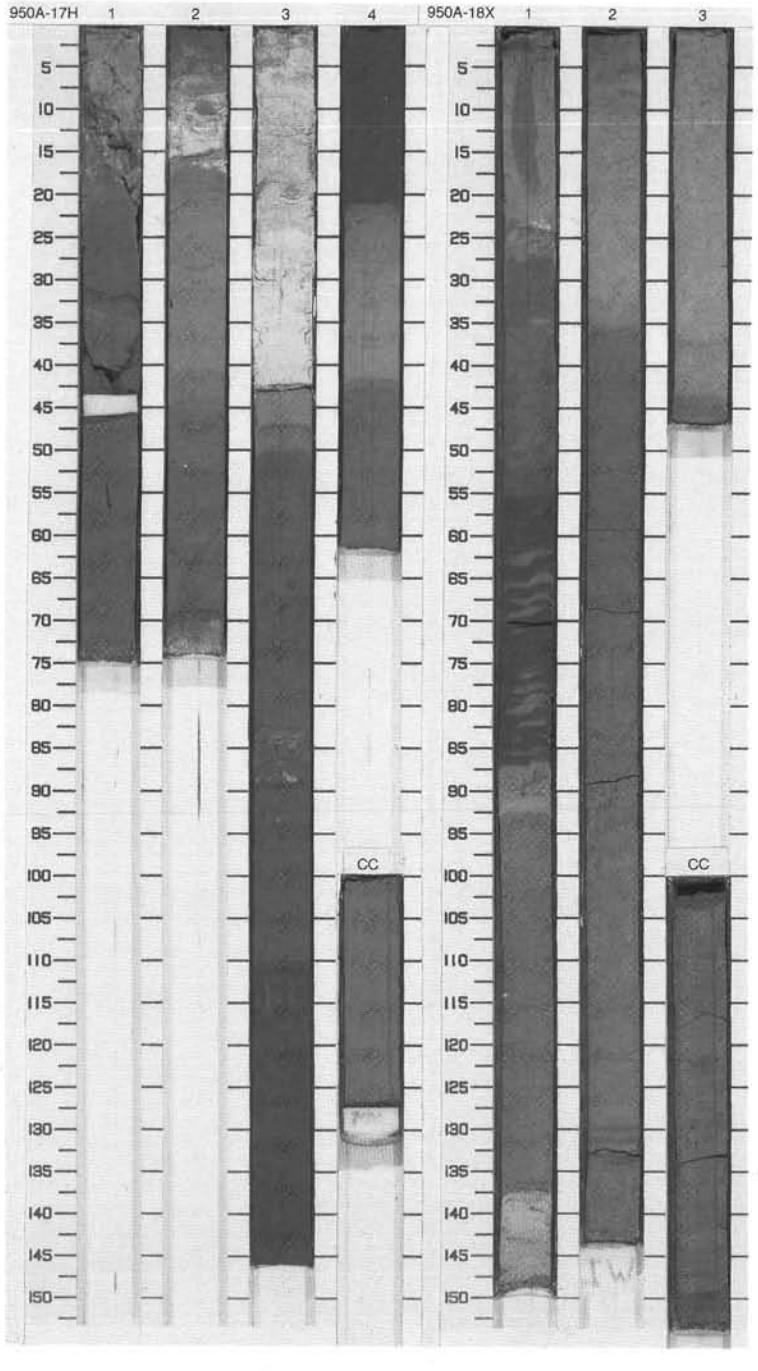


SITE 950 HOLE A CORE 17H CORED 151.4 - 154.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–3		1, 2, 3, 4, CC	early Pliocene		O !	S, C, M	8Y 4/1; 3Y 4/1; 3.5Y 4/1; 6Y 4/1; 8.5Y 3/1; 9Y 3/1; 9Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and white NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 2, 0–2, 16, and 70–71 cm, Section 3, 82–84 cm, and Section 4, 21–23 cm. One interbed of NANNOFOSSIL OOZE in Section 2, 2–15 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.

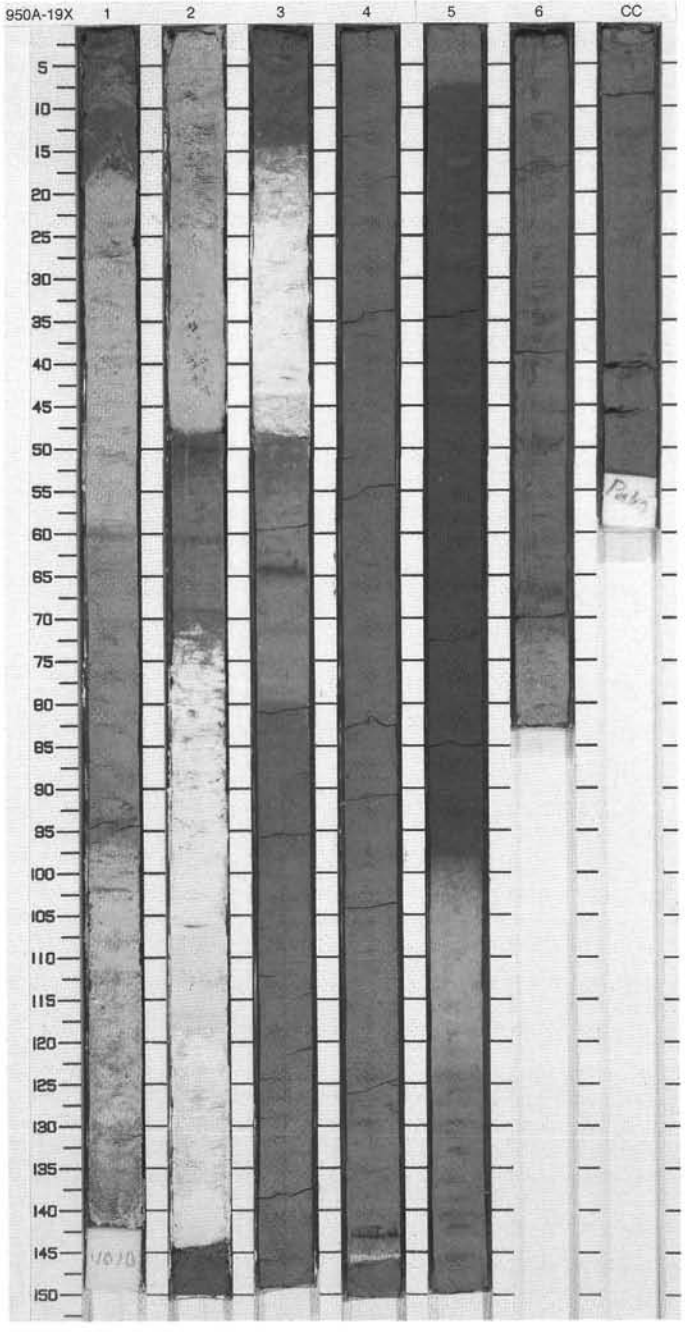
SITE 950 HOLE A CORE 18X CORED 154.4 - 160.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–4		1, 2, 3, CC	Pliocene		V V V V V	S, C, O I, M S C	10Y 4/1; 10Y 4/1; 7.5Y 3.5/1; 9Y 4.6/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 2, 133–138 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



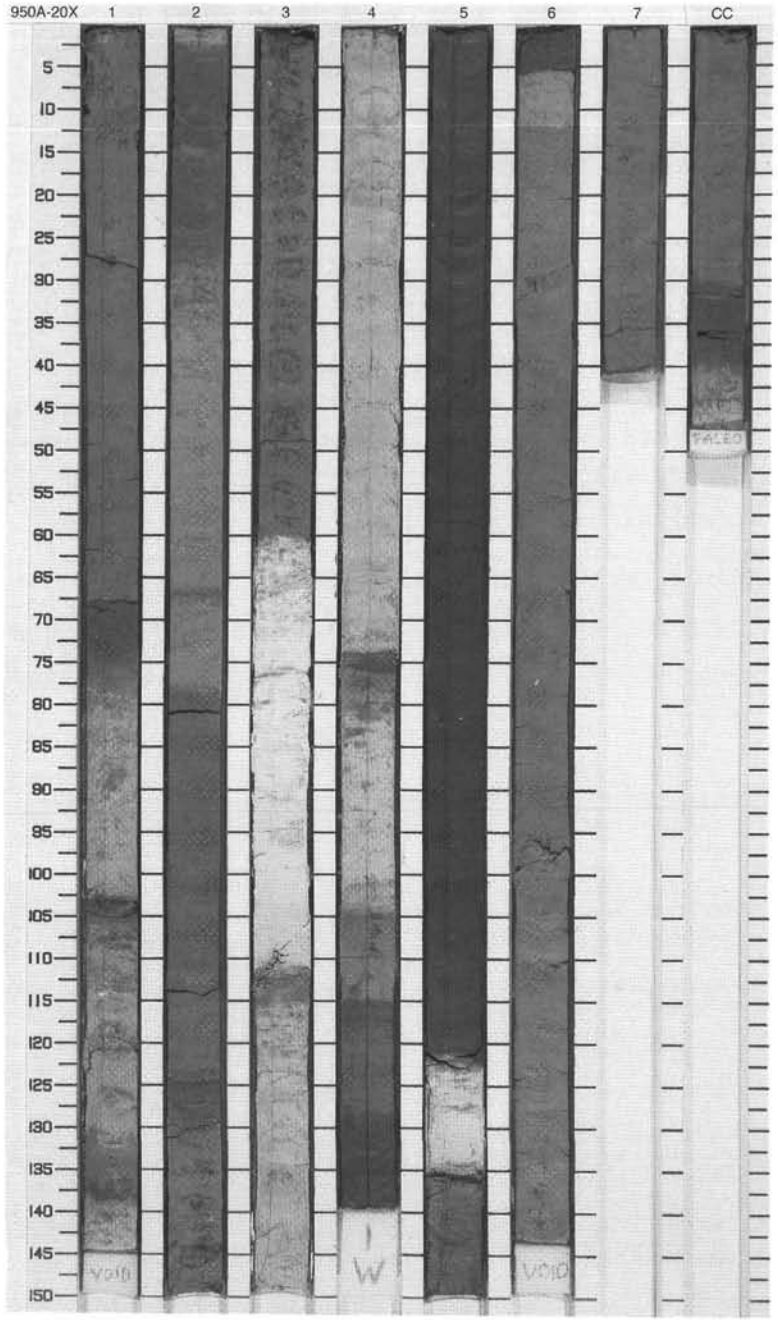
SITE 950 HOLE A CORE 19X CORED 160.3 - 169.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8	Void	1	early Pliocene				8GY 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Interbed of NANNOFOSSIL OOZE in Section 3, 119–144 cm. Interbed of CLAYEY NANNOFOSSIL MIXED SEDIMENT in Section 3, 0–12 cm. Minor interbeds of CLAY WITH NANNOFOSSILS occur in Section 1, 93–96 cm, Section 2, 47–51 and 68–71 cm, Section 3, 14–18 and 48–52 cm, Section 5, 100 cm, and Section 6, 68–70 cm . General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							3Y 5/1	
		2				C	2Y 3.3/1	
							4Y 4.6/0.7	
							7Y 3/0.5	
		3				SC	3Y 7/1	
							10Y 4/1	
		4				O S		
		5				S		
						S		
		6					3.5Y 3.5/1	
		CC				M	8Y 4/1	



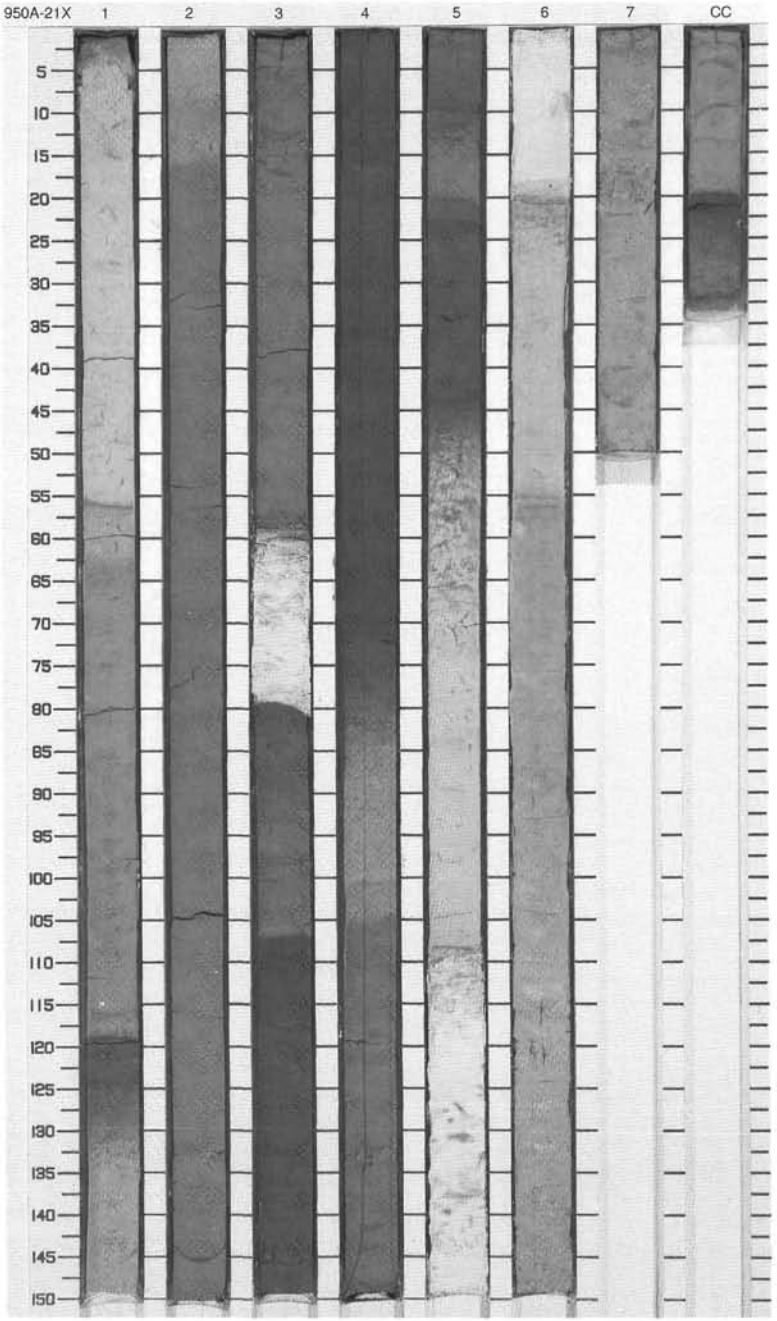
SITE 950 HOLE A CORE 20X CORED 169.9 - 178.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene			S C	8.7Y 4/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY occur in Section 1, 68–77, 104–107, and 133–138 cm, Section 2, 126–129 cm, Section 3, 112–114 cm, Section 4, 74–78 and 114–117 cm, and the Core Catcher, 32–39 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							3.4Y 4/0.3	
							4Y 2/0.5	
							5Y 4/1	
		2					8Y 3.6/1	
		3				S C	10Y 4/0.5	
		4					3.4Y 5/1	
							5.4GY 5/1	
		5				O I	10Y 2.3/1	
		6					9Y 4/1	
		7						
		CC				M		



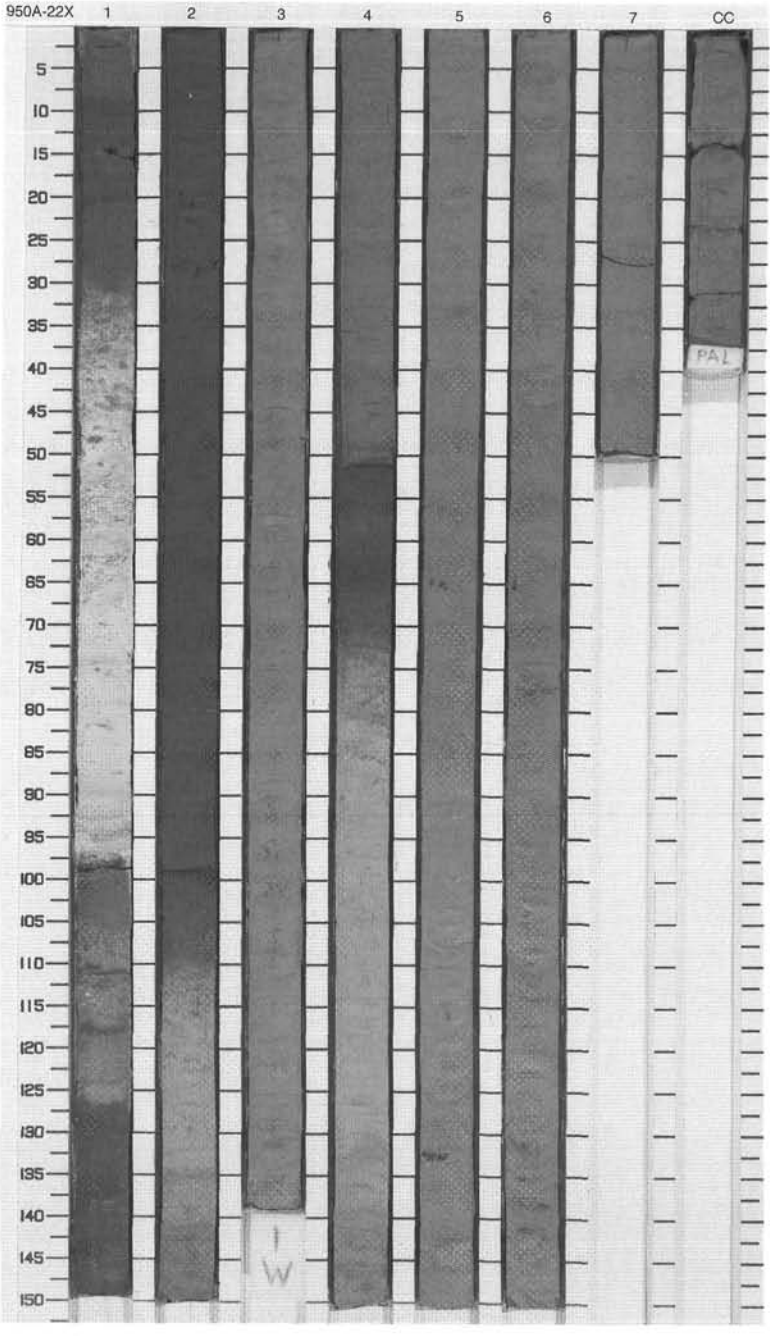
SITE 950 HOLE A CORE 21X CORED 178.5 - 188.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene			C S	1.4GY 4.6/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT AND NANNOFOSSIL OOZE Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT, white NANNOFOSSIL OOZE, and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY occur in Section 1, 120–131 cm, Section 3, 80–82 cm, Section 4, 9–12 and 109–110 cm and Core Catcher, 20–25 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		2					9Y 4/1	
		3				C	9Y 2.6/1	
		4					9Y 4/1	
		5				O S	6Y 2.7/0.5 6GY 4.6/1	
		6				S	7Y 4.5/1	
		7						
		CC				M		



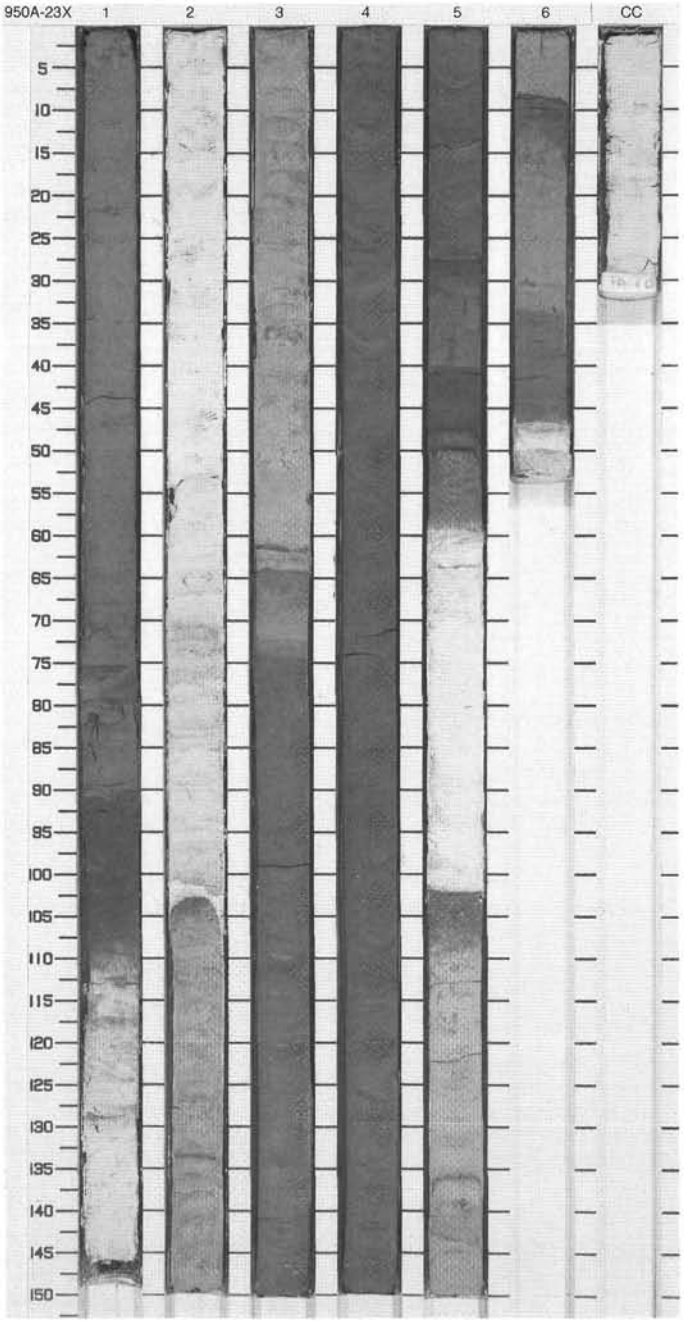
SITE 950 HOLE A CORE 22X CORED 188.2 - 197.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Pliocene			2Y 4/1 C C C	4.6Y 3/1 5Y 5/1	CLAYEY NANNOFOSSIL MIXED SEDIMENT Major Lithology: This core consists mainly of interbedded green CLAYEY NANNOFOSSIL MIXED SEDIMENT and gray CLAYEY NANNOFOSSIL MIXED SEDIMENT. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick.
		2				C S	9Y 3.5/1	
		3				I	6.7Y 4/1	Minor Lithologies: Minor interbeds of CLAY occur in Section 1, 100–106 cm, and Section 2, 101–110 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		4				C S	4.5Y 3/0.6	
						S		
		5				O		
		6					6Y 3.6/1	
		7						
		CC				M		



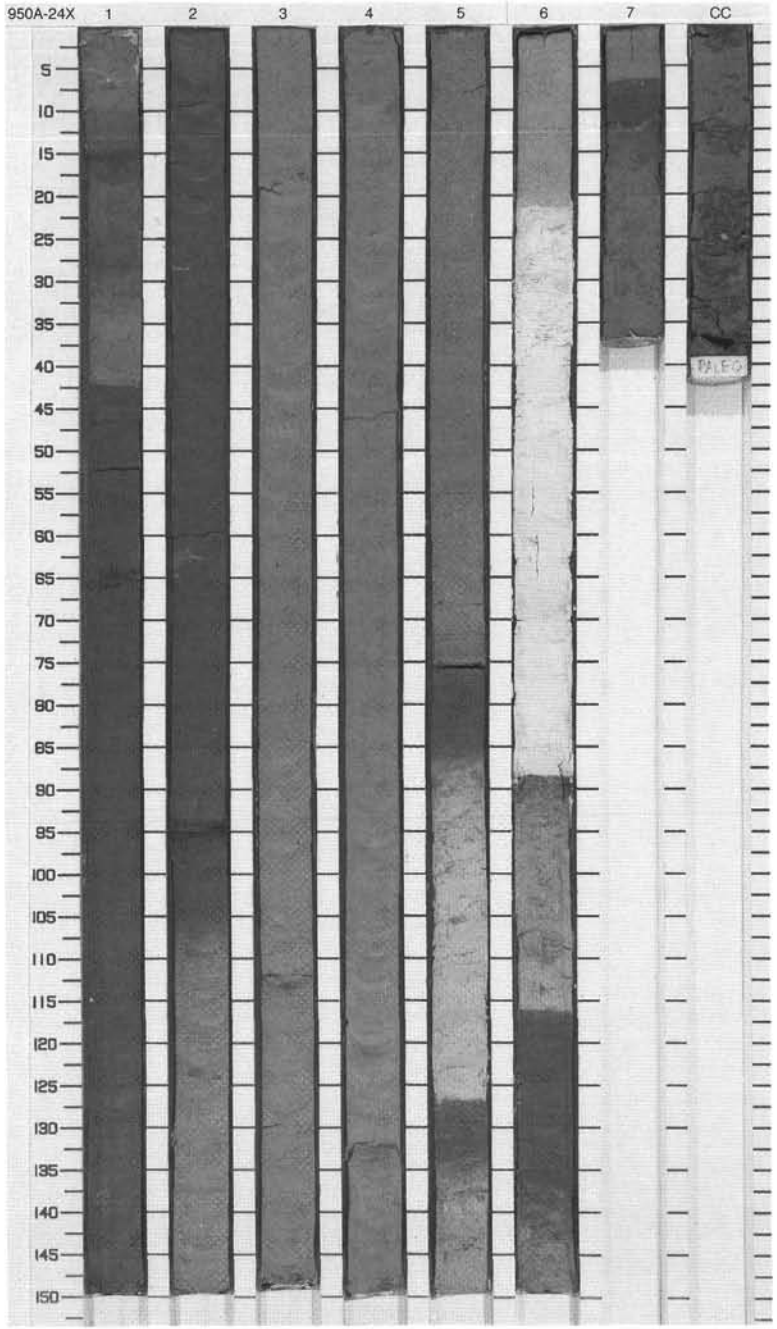
SITE 950 HOLE A CORE 23X CORED 197.8 - 207.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–8		1	early Pliocene			C	7Y 4/1	NANNOFOSSIL CLAY AND NANNOFOSSIL OOZE Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY, gray NANNOFOSSIL CLAY, and white NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of CLAY occur in Section 1, 92–109 cm, Section 2, 103 cm, Section 3, 68–68 cm, Section 5, 28–32 and 102–108 cm, and Section 6, 8–12 and 50–54 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
						S	5Y 6/1	
		2	??			S		
							4Y 5/1	
		3	early Pliocene–late Miocene			O		
		4					1GY 3.3/1	
		5				SC	4Y 7/1	
						C	8Y 5/1	
		6				C	5Y 4.5/1	
		CC				M	5Y 6/1	



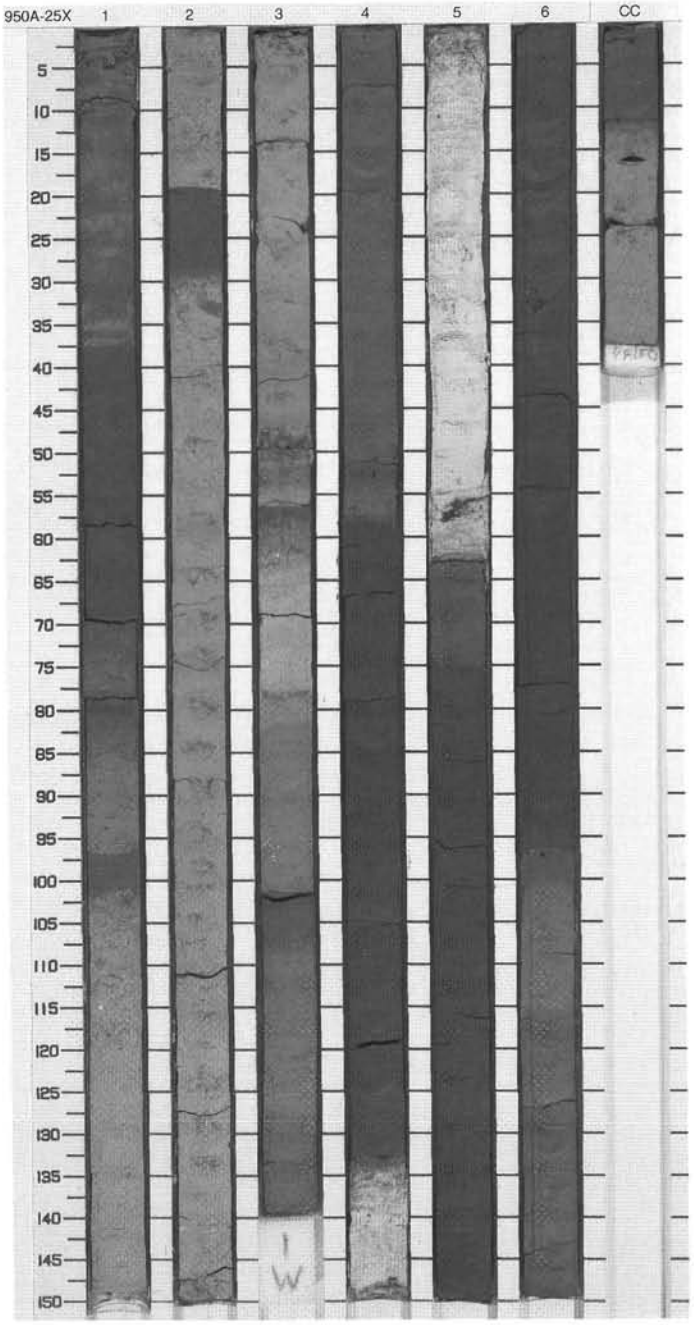
SITE 950 HOLE A CORE 24X CORED 207.5 - 217.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	late Miocene–early Pliocene			C S	1GY 3.3/1	NANNOFOSSIL CLAY Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY and gray NANNOFOSSIL CLAY. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown to gray CLAY occur in Section 2, 98–106 cm, Section 5, 76–85 and 126–134 cm, Section 6, 90–91 cm, and Section 7, 6–12 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		2				C		
		3				S	4Y 3.5/1	
		4						
		5				O S	4Y 4/1	
		6				C	3.5Y 4/1.5 3.4Y 7/1 3Y 4/1 8Y 3/2 10YR 4/2	
		7				S		
		CC				M	7Y 4/0.7	



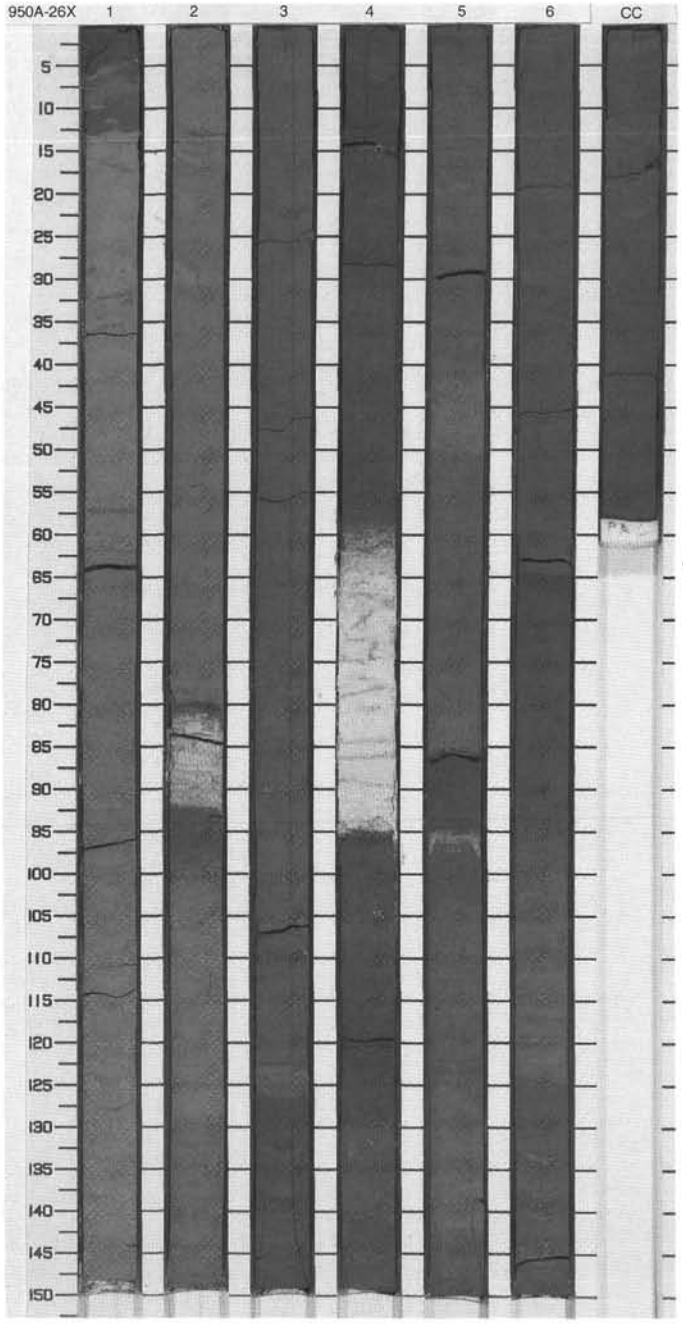
SITE 950 HOLE A CORE 25X CORED 217.2 - 226.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–10		1	late Miocene			C	9Y 3/1	NANNOFOSSIL CLAY Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY and gray NANNOFOSSIL CLAY. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of brown/gray CLAY occur in Section 1, 7–12, 69–72, 78–82, and 96–102 cm, Section 2, 20–28 cm, Section 3, 55–56 and 102–106 cm, and Section 4, 50–52 and 132–134 cm, Section 5, 98–100 cm, and Core Catcher, 80–92 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							4.5Y 4/1	
							3Y 3/1	
		2				C S		
						S	4.5Y 4/1	
		3				C	8.5Y 3/1	
						I	7Y 3/1	
		4				C	9Y 3/1	
						S	7.5Y 6/1	
		5					1GY 2/1	
		6				S		
						C	5Y 3/1	
		CC				M	6Y 5/1	



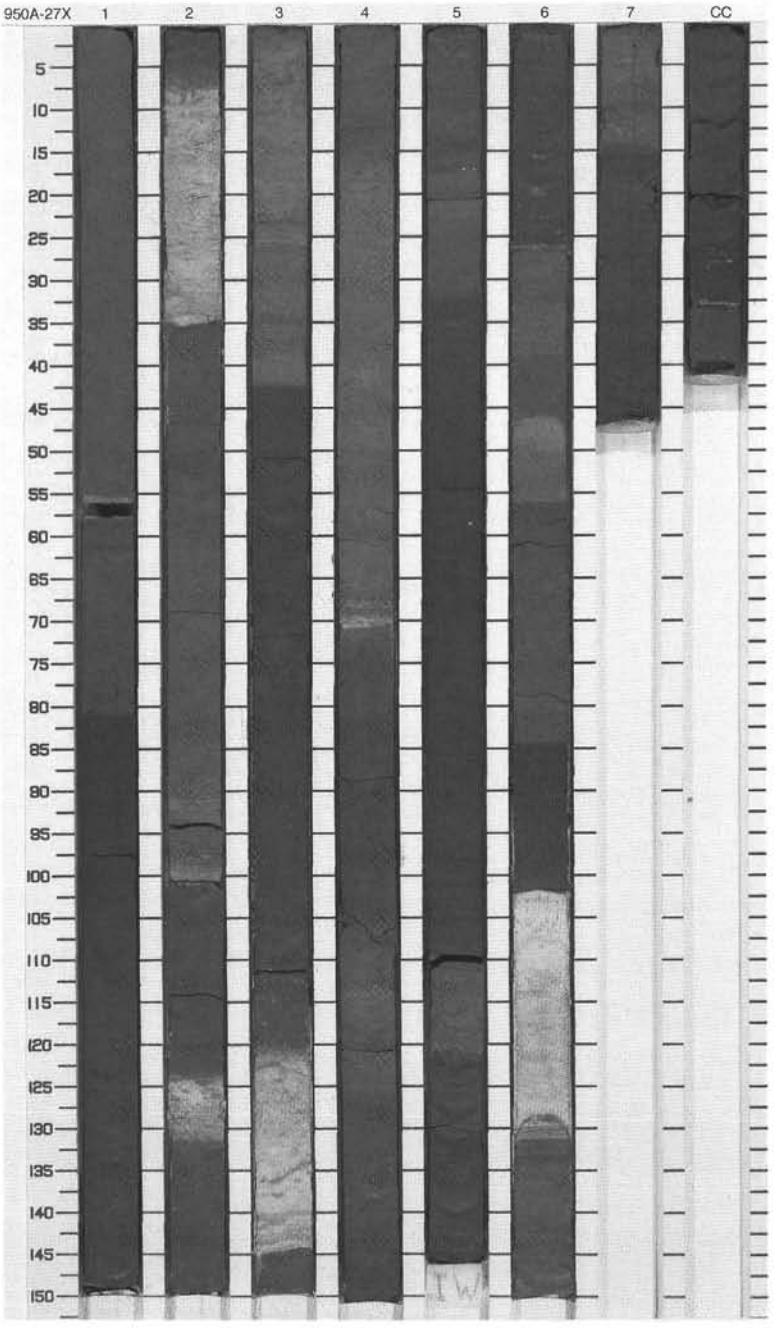
SITE 950 HOLE A CORE 26X CORED 226.8 - 236.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	late Miocene			C C S	6Y 4/1	CLAY WITH NANNOFOSSILS Major Lithology: This core consists mainly of interbedded green CLAY WITH NANNOFOSSILS and gray CLAY WITH NANNOFOSSILS. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of gray CLAY occur in Section 2, 80–81 and 92–98 cm, Section 3, 106–108 cm, Section 4, 96–98 cm, and Section 6, 65 cm. Minor interbed of NANNOFOSSIL OOZE is in Section 2, 82–92 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
		2					3Y 4/1	
		3				S	3Y 4/1	
		4					1GY3 /1 4Y 7/1 0.5GY 3/1 2Y 4/1	
		5				O C	3Y 4/1	
		6					5Y 4/1 6Y 3/1	
		CC				S M	7Y 4/1	



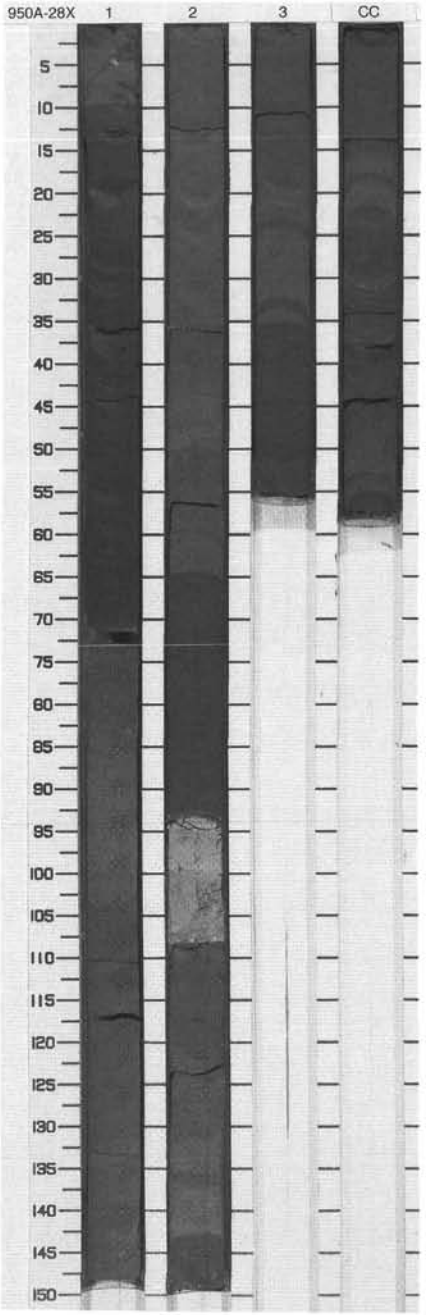
SITE 950 HOLE A CORE 27X CORED 236.5 - 246.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	late Miocene	F		C	7.5Y 4/1	NANNOFOSSIL CLAY *Major Lithology:* This core consists mainly of interbedded green NANNOFOSSIL CLAY and gray NANNOFOSSIL CLAY. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. *Minor Lithologies:* Minor interbeds of gray CLAY occur in Section 1, 58–60 cm, Section 2, 2–6 and 32–34 cm, Section 3, 20–22, 112–120, and 148–150 cm, Section 4, 0–15, 70–88, and 120–134 cm, and Section 6, 32–46, 58–62, 80–82, and 120 cm. *General Description:* The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							4GY 3/1	
							7Y 5/1	
		2		F		C	4Y 4/2	
						C	9YR 3/2	
							5Y 4/2	
		3					1GY 3/1	
				F		C	8Y 6/1	
		4		F			1Y 4/2	
							2GY 4/1	
		5				C	3GY 3/1	
						I		
		6				O C	0.3GY 2/1	
		7					3G 3/1	
		CC				M		



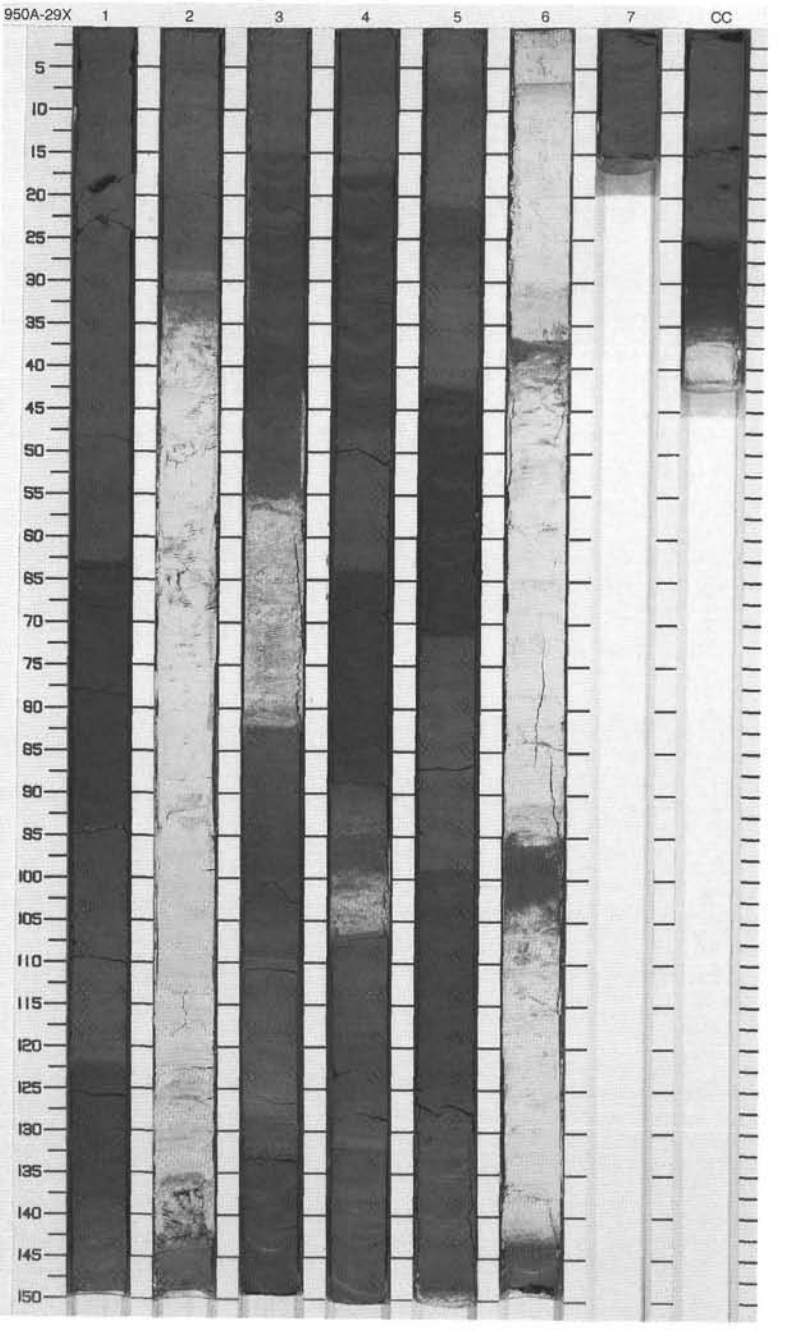
SITE 950 HOLE A CORE 28X CORED 246.1 - 255.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–4		1, 2, 3, CC	middle Miocene–late Miocene	F; F		C C; O C S; C S; C	10Y 3/1; 8Y 4/1; 2GY 3/1; 4GY 3/1; 2GY 3/1	NANNOFOSSIL CLAY Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY and gray NANNOFOSSIL CLAY. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of gray CLAY occur in Section 1, 71–77 cm, Section 2, 50–52 and 109–120 cm, Section 3, 23–26 and 28–29 cm and Core Catcher, 14–16, 18–20, and 47–58 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



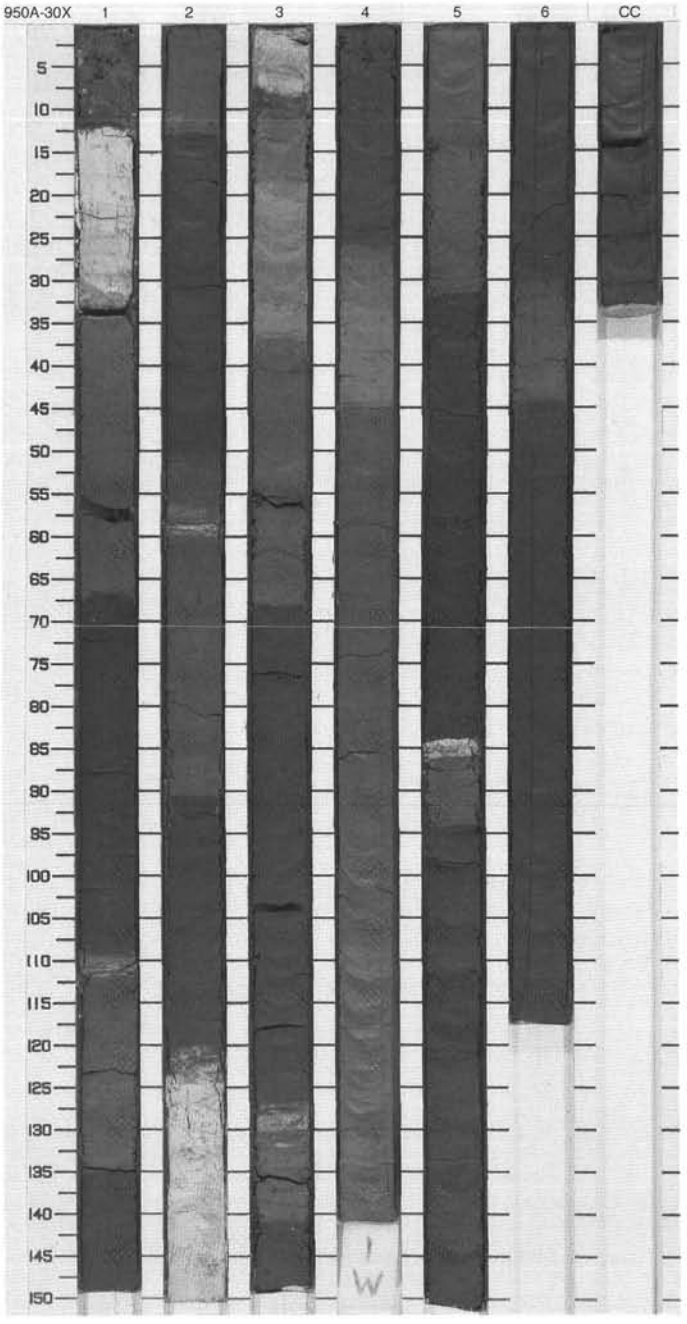
SITE 950 HOLE A CORE 29X CORED 255.7 - 265.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	middle Miocene–late Miocene	F	!	C S	1GY 2/1	NANNOFOSSIL CLAY and NANNOFOSSIL OOZE Major Lithologies: This core consists mainly of interbedded green NANNOFOSSIL CLAY and white NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of gray CLAY occur in Section 1, 97–101 and 138–140 cm, Section 2, 32–34 cm, Section 3, 42–48, 82–88, and 110–114 cm, Section 4, 8–10, 48–50, 88–90, 94–100, and 106–114 cm, Section 5, 28–30, 72–74, and 125–130 cm, Section 6, 36–38 and 95–102. Minor interbeds of NANNOFOSSIL OOZE occur in Section 4, 90–94 cm, and Core Catcher, 116–122 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							4.5Y 4/2	
		2		F			5Y 7/1	
				F			2GY 3/1	
		3		F		C	4Y 6/1	
		4					1GY 2/1	
		5				C S		
							9Y 3/1	
		6				O	8Y 5/1	
						SC	4GY 3/1	
		CC				C	4GY 3/1	



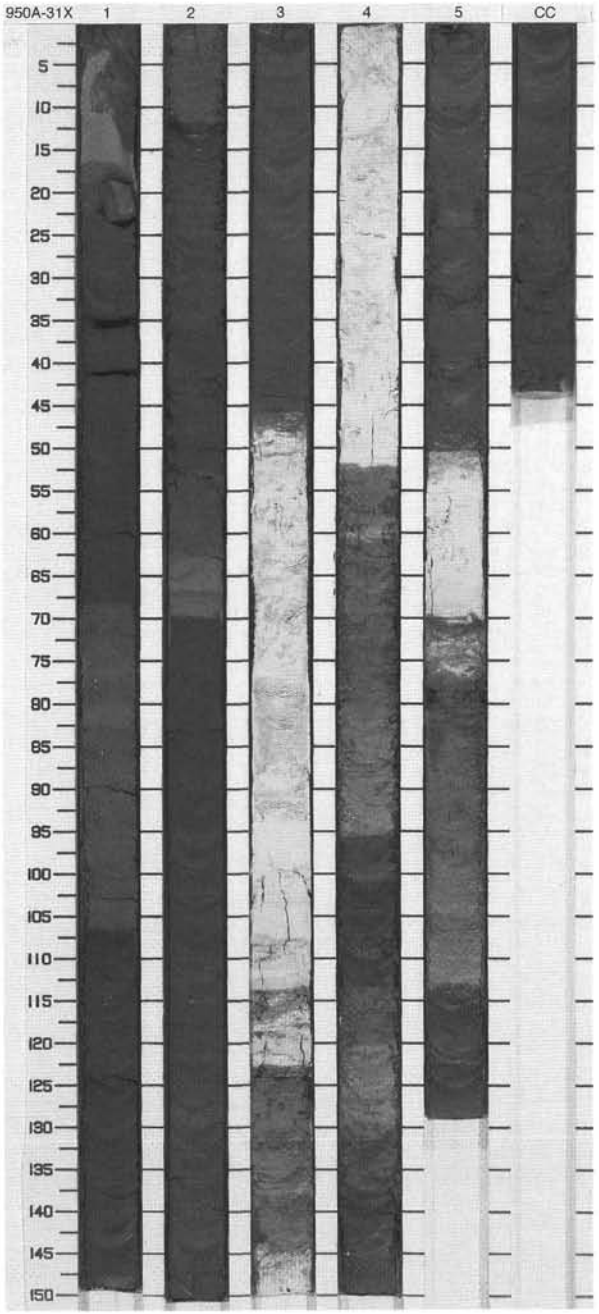
SITE 950 HOLE A CORE 30X CORED 265.4 - 275.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1–6, CC	middle Miocene–late Miocene	F		S, I, O, S, C	6GY 6/1; 3GY 3/1; 3GY 6/0.3; 9Y 2/1; 1GY 4/1; 10Y 3/1	NANNOFOSSIL CLAY AND NANNOFOSSIL OOZE Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY and white NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of gray CLAY occur in Section 1, 108–110 cm, Section 2, 0–2, 10–18, 54–56, and 120–122 cm, Section 3, 10–161, 54–56, and 126–128 cm, Section 5, 12–14 and 84–86 cm, and Section 6, 30–32 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.



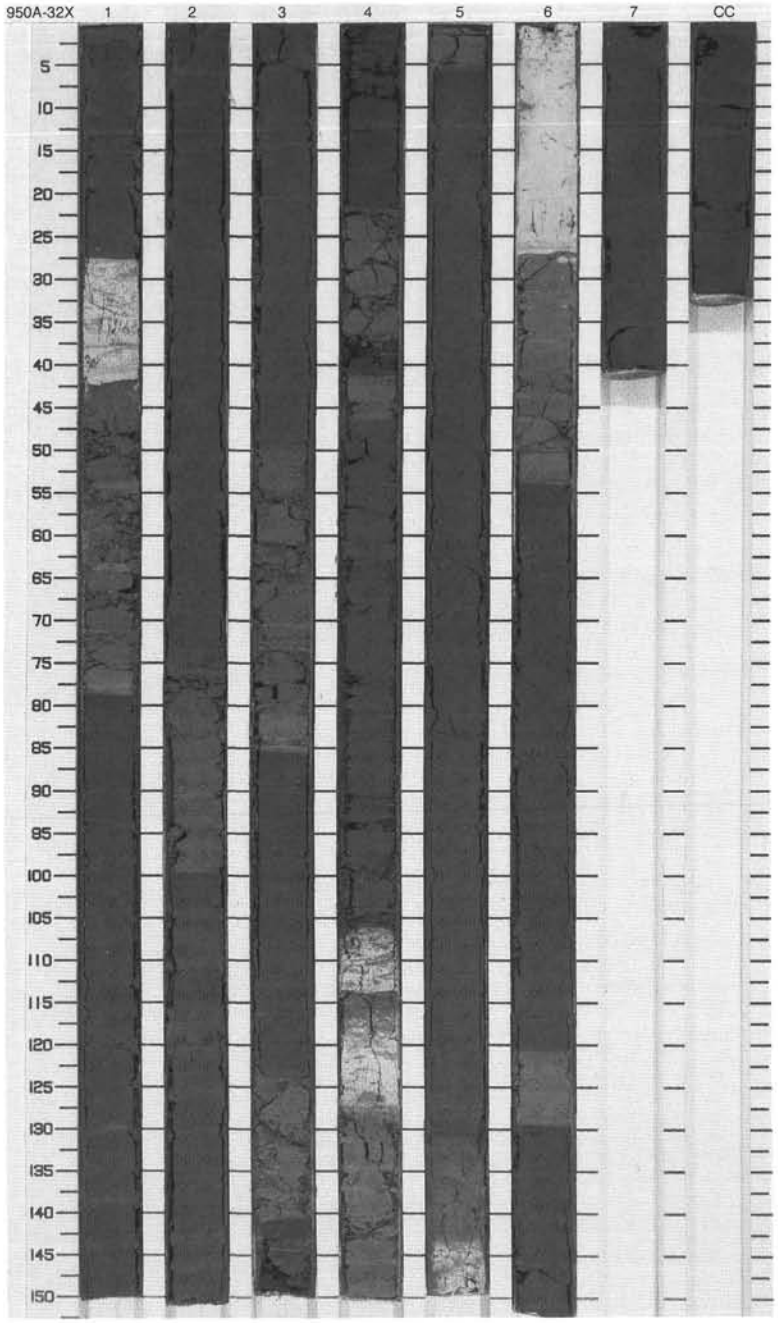
SITE 950 HOLE A CORE 31X CORED 275.1 - 284.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–7		1	middle Miocene				0.2GY 3/1	NANNOFOSSIL CLAY Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY and white NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of gray CLAY occur in Section 1, 68–82 cm, Section 2, 52–58 cm, Section 3, 44–46 and 114–116 cm, Section 4, 114–120 cm, and Section 5, 76–84 cm. Minor interbeds of NANNOFOSSIL OOZE occur in Section 3, 118–122 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							4GY 3/1	
		2				C	9Y 3/1	
						S		
		3				S	5GY 5/0.4	
						S	9Y 3/1	
							3GY 6/1	
		4				C S	7Y 5/1	
						O C	0.4GY 2/1	
		5		F			8Y 5/1	
						C	9Y 3/1	
		CC						



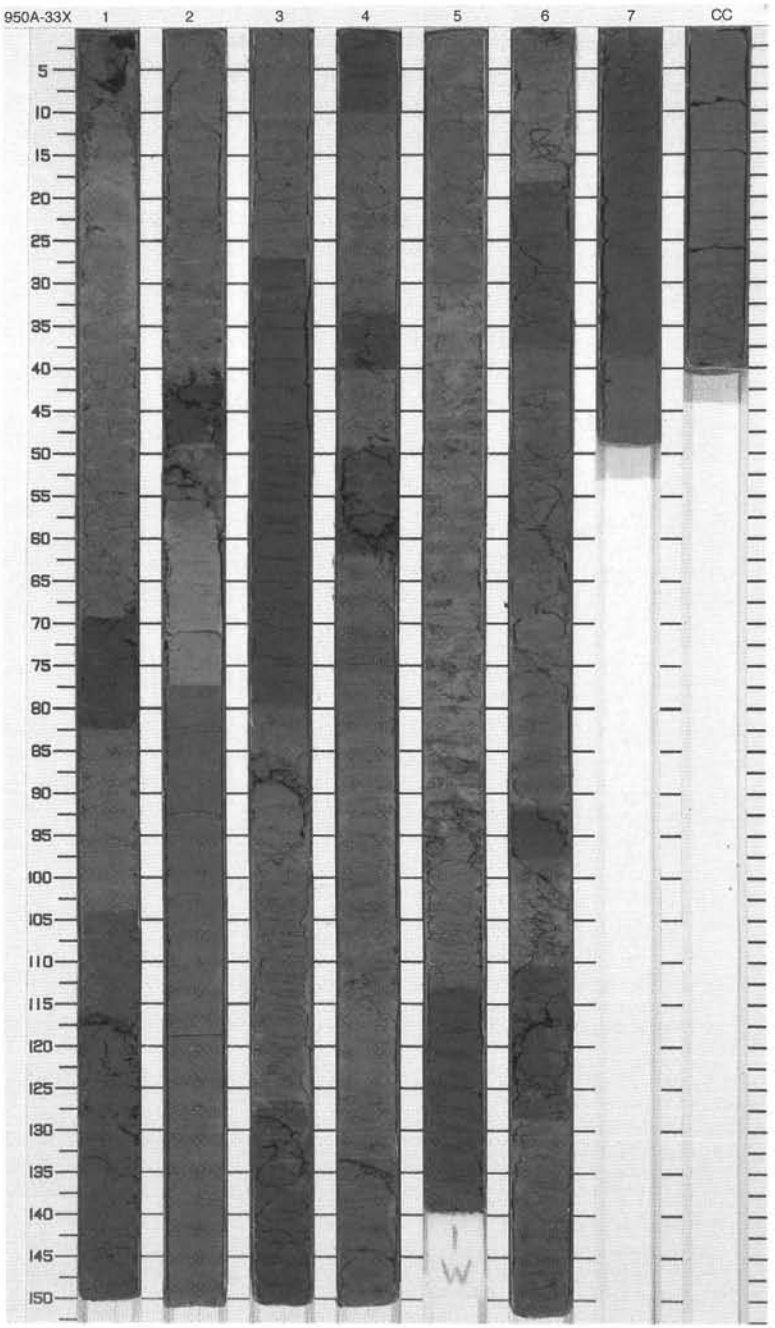
SITE 950 HOLE A CORE 32X CORED 284.8 - 294.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	middle Miocene	F			9Y 3/1	NANNOFOSSIL CLAY Major Lithology: This core consists mainly of green NANNOFOSSIL CLAY. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: Minor interbeds of gray CLAY occur in Section 1, 42–46 cm, Section 2, 76–78 cm, Section 3, 50–52 and 124–130 cm, Section 4, 106–108 and 114–118 cm, Section 5, 132–142 cm, and Section 6, 120–122 cm. Minor interbeds of NANNOFOSSIL OOZE occur in Section 1, 28–42 cm, and Section 4, 108–112 and 118–128 cm . General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
							4G 3/1	
		2					10Y 3/1	
		3					9Y 3/1	
							1GY 2/1	
		4		F			3GY 2/1	
		5					10Y 3/1	
						O	9Y 3/1	
		6	??				0.3GY 3/1	
		7				C	0.1GY 2/1	
		CC						



SITE 950 HOLE A CORE 33X CORED 294.4 - 304.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Miocene			C	3G 4/1	NANNOFOSSIL CLAY Major Lithology: This core consists mainly of interbedded green NANNOFOSSIL CLAY and gray NANNOFOSSIL CLAY. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick.
							4GY 2/1	
							5G 3/1	
2		2				SC	0.4GY 3/1	Minor Lithologies: Minor interbeds of gray CLAY occur in Section 1, 10–16 and 82–84 cm, Section 2, 0–8 and 48–54 cm, Section 3, 10–13 and 78–88 cm, Section 4, 10–12 and 62–64 cm, Section 6, 38–42, 98–100, and 128–134 cm, and Section 7, 38–44 cm.
							0.4GY 2/1	
3		3				S	3GY 2/1	General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.
4		4					6GY 3/1	
5		5				C S		
6		6				C I O	4G 3/1	
							5G 4/1	
							2GY 2/1	
7		7						
		CC					2GY 2/1	

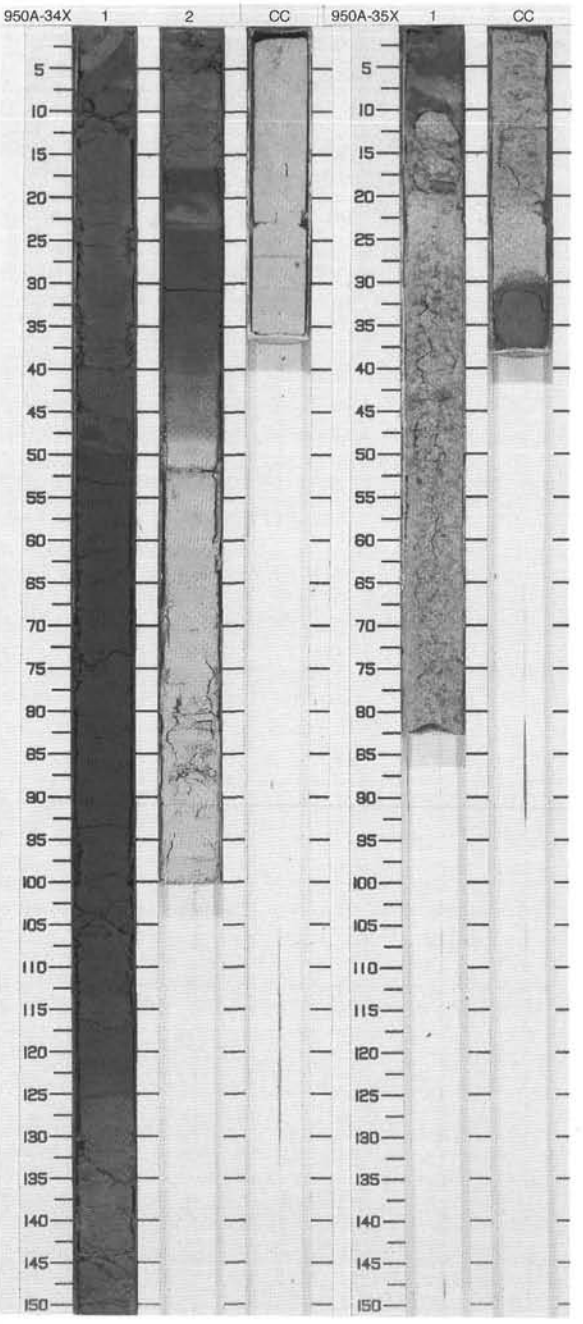


SITE 950 HOLE A CORE 34X CORED 304.1 - 313.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–2		1, 2, CC	middle Miocene	F		C, C, O C, C, C	9Y 2/1; 3G 4/1; 9Y 3/1 to 10Y 6/1	NANNOFOSSIL CLAY and NANNOFOSSIL OOZE Major Lithologies: This core consists mainly of interbedded gray NANNOFOSSIL CLAY and white NANNOFOSSIL OOZE. Units typically have sharp bases and moderately bioturbated tops. Some have silty bases usually less than 1 cm thick. Minor Lithologies: A minor interbed of gray CLAY occurs in Section 1, 124–134 cm. General Description: The core consists of distinct interbedded units of the major lithology separated by thinner beds of the minor lithologies. Major lithologic units contain abrupt color changes in the upper parts depending on organic carbon content.

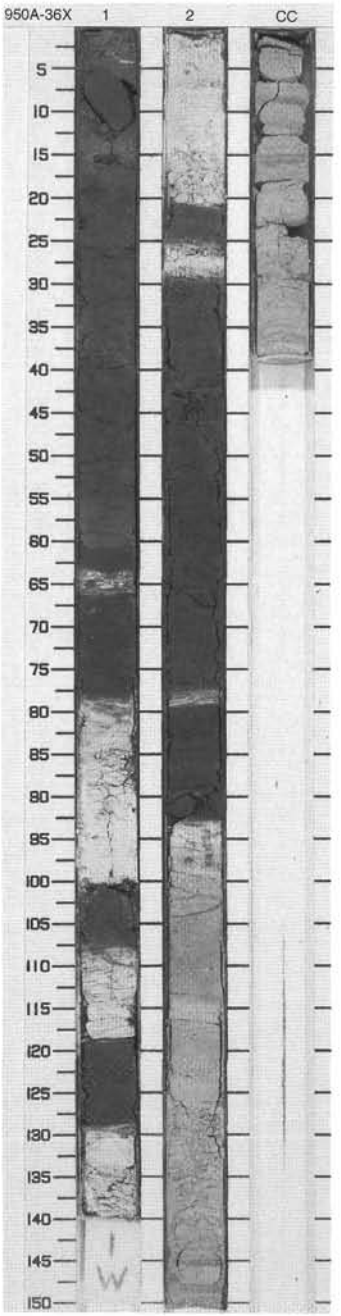
SITE 950 HOLE A CORE 35X CORED 313.7 - 323.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1, CC	middle Miocene			S, O T, S	5Y 5/1	BIOCLAST CALCARENITE Major Lithology: This core consists mainly of a single massive bioclast calcarenite. The unit contains clasts of green/gray indurated sediment up to 2 cm in length. Minor Lithology: At the base of the Core Catcher section is a 8-cm-thick massive VOLCANIC SAND.



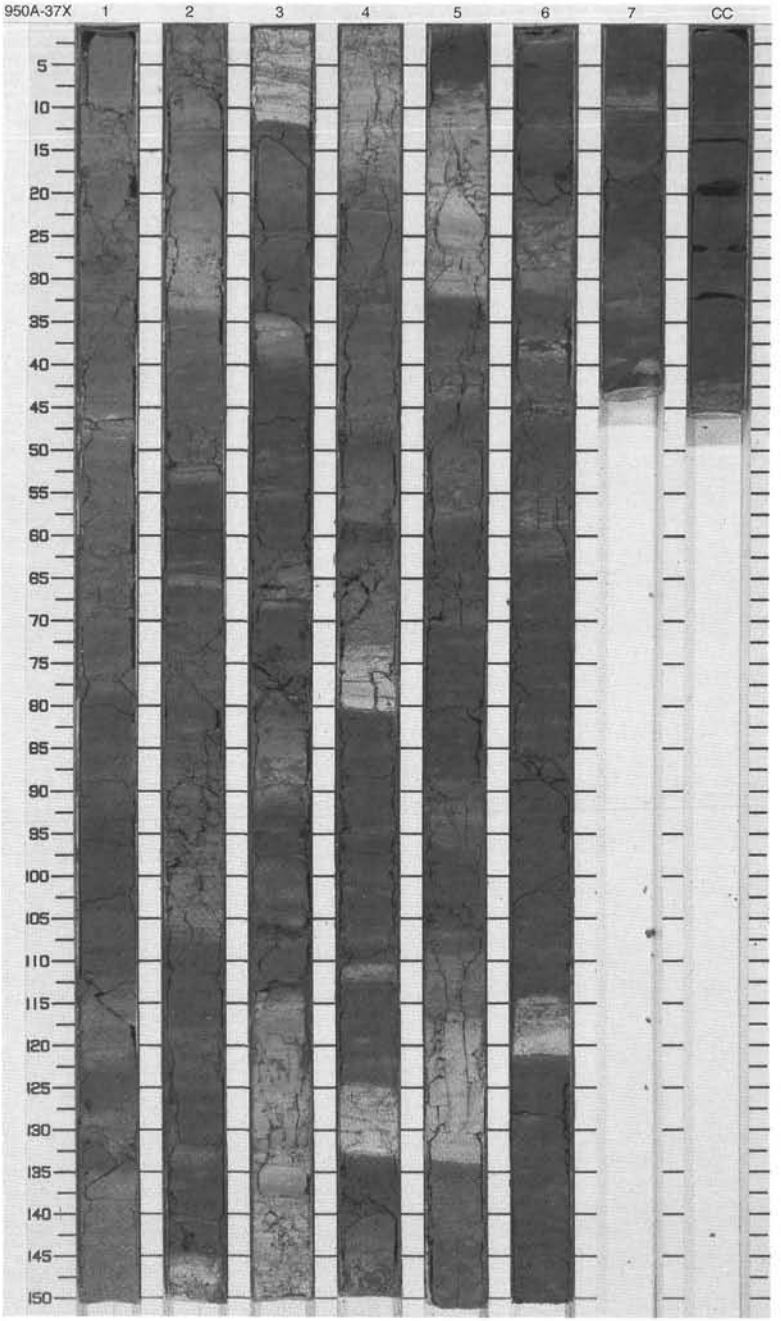
SITE 950 HOLE A CORE 36X CORED 323.3 - 333.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–3		1, 2, CC	mid. Mio. – early Miocene	F, F		C, O, C, C, S	3Y 3/1; 5Y 4/1; 3Y 3/1; 4Y 6/1; 0.3Y 3/2; 4Y 5/1	CLAY and CALCAREOUS GRAINSTONE Major Lithologies: This core consits of interbedded brown CLAY and CALCAREOUS GRAINSTONE units. The grainstones are typically normally graded with parallel-lamination or cross-bedding at the base. Minor Lithologies: Minor interbeds of NANNOFOSSIL CLAY occur in Section 1, 36–42 and 48–60 cm. Thinner interbeds of CALCAREOUS GRAINSTONE occur in Section 1, 108–119 cm, and Section 2, 26–30 cm.



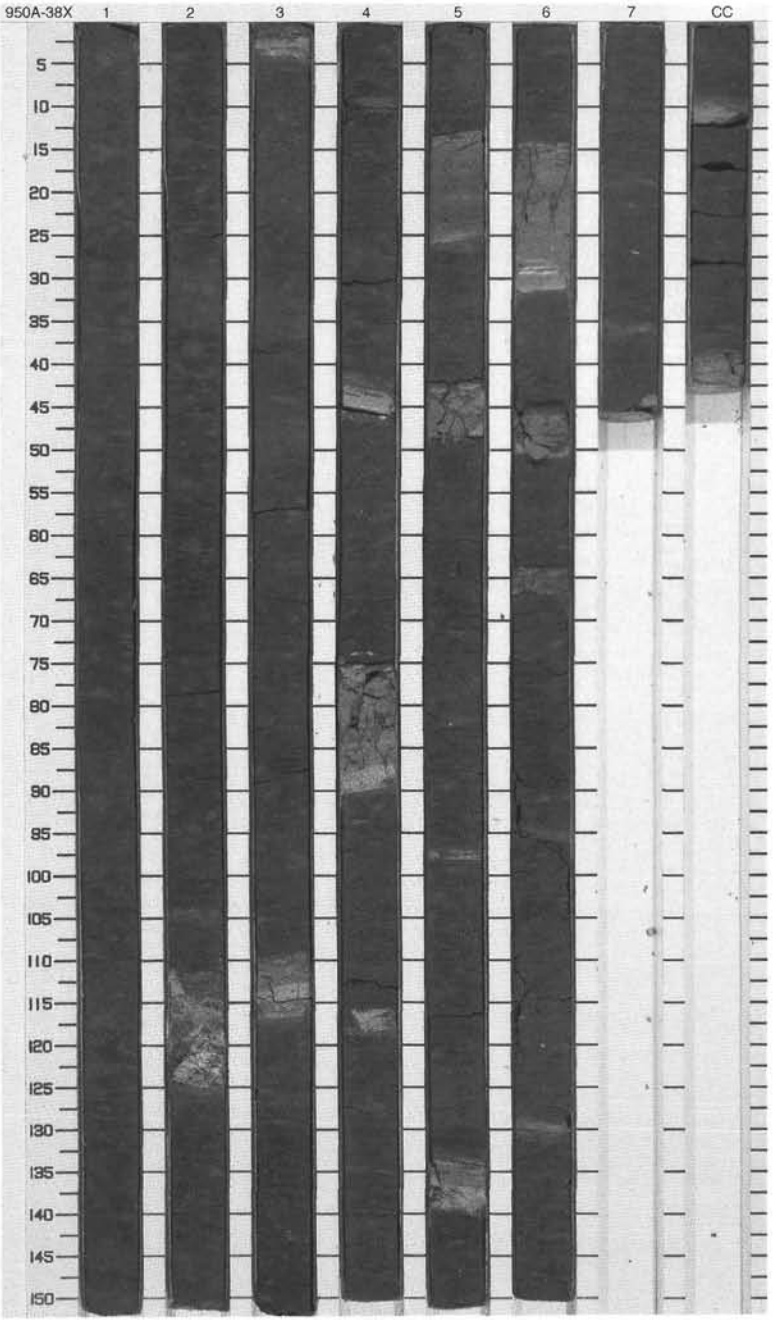
SITE 950 HOLE A CORE 37X CORED 333.0 - 342.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	late Oligocene to early Miocene			S S S	9YR 4/2	CLAY and CALCAREOUS GRAINSTONE Major Lithologies: This core consists mainly of brown CLAY interbedded with a few layers of CALCAREOUS GRAINSTONE. Minor Lithology: Interbeds of ZEOLITIZED VOLCANIC ASH occur in Section 1, 8–17 cm, Section 2, 0–12, 82–108, and 146–150 cm, Section 3, 0–12 cm. Interbeds of VOLCANICLASTIC NANNOFOSSIL MIXED SEDIMENT occur in Section 1, 118–120 cm, Section 5, 20–31 and 116–132 cm, Section 6, 0–2, 27, and 116–120 cm, and Section 7, 10–11, 16–17, and 26–32 cm.
		2		Z		S S S		
		3		Z Z		S		
		4		F		S	1.5Y 5.5/2	
		5				O	10YR 3/2	
		6		Z				
		7						
		CC						



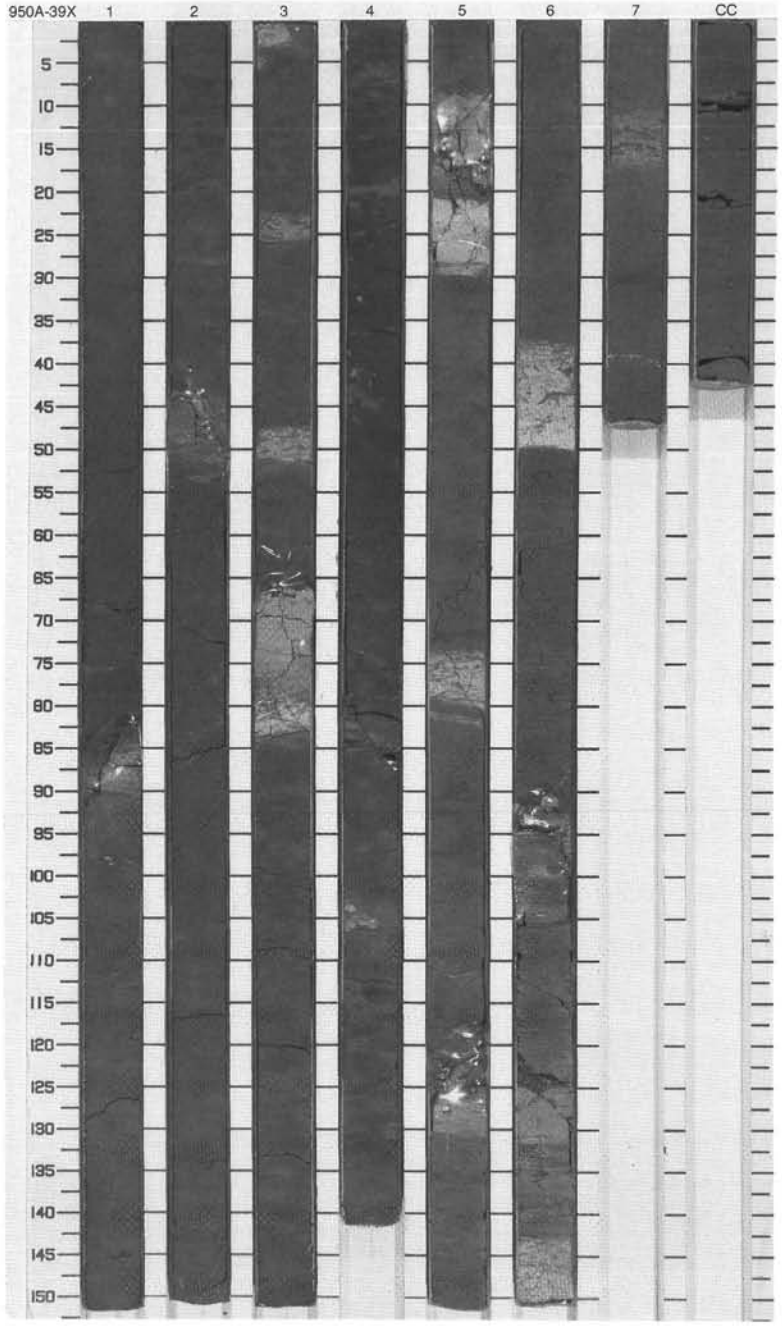
SITE 950 HOLE A CORE 38X CORED 342.6 - 352.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Eocene or younger			C	10YR 2/1	CLAY AND CLAY WITH NANNOFOSSILS Major Lithology: This core consists mainly of red-brown, structureless CLAY and CLAY WITH NANNOFOSSILS. Minor Lithologies: Interbeds of light brown, bioturbated CLAY WITH NANNOFOSSILS.
		2				S		
		3						
		4				C S		
		5				O C	9YR 3/2	
		6				S C		
		7				C	0.5Y 2.5/1	
		CC						



SITE 950 HOLE A CORE 39X CORED 352.3 - 362.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–9		1	early Eocene or younger			S C		CLAY Major Lithology: This core consists mainly of dark brown CLAY with thin interbeds of light brown CLAY WITH NANNOFOSSILS. The CLAY are mottled and structureless, and the CLAY WITH NANNOFOSSILS are commonly bioturbated. Minor Lithologies: Minor interbeds of SILTY CLAYEY VOLCANICLASTIC MIXED SEDIMENT occur in Section 1, 84–90 cm, Section 6, 130–134 cm, Section 7, 10–17 cm, and Core Catcher, 9–11 cm. Minor interbeds of SANDY SILTY VOLCANICLASTIC MIXED SEDIMENT with planar- and cross-laminated basal contacts occur in Section 3, 70–79 cm, and Section 5, 15–21 cm.
		2						
		3						
		4				C	9YR 3/1	
		5				O I		
		6						
		7		Z		S S		
		CC						



SITE 950 HOLE A CORE 40X CORED 362.0 - 371.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–6		1, 2, 3, 4, CC	early Eocene or younger			C S; C; O C S	10YR 4/2; 7YR 3/2; 8YR 3/2; 8YR 3/2; 8YR 3/2; 7.5YR 3/2; 6GY 4/6; 9YR 3/1; 9GY 2/1	CLAY and SANDY SILTY VOLCANICLASTIC MIXED SEDMENT Major Lithologies: This core consists mostly of interbedded red-brown CLAY and SANDY SILTY VOLCANICLASTIC MIXED SEDIMENT. The CLAY lithologies are structureless, whereas the SANDY SILTY VOLCANICLASTIC MIXED SEDMENT lithologies are commonly normally graded with planar- and cross-laminations. Minor Lithologies: Thin interbeds of SANDY SILTY VOLCANICLASTIC MIXED SEDMENT occur in Section 1, 33–46, 70–73, and 143–148 cm, Section 2, 31–36 and 146–147 cm, and Section 3, 136 cm.

SITE 950 HOLE A CORE 41X CORED 371.6 - 381.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1, CC	Indeterminate			S	8GY 3/1	VOLCANIC SAND Major Lithology: This core consists of very dark green, fine-grained VOLCANIC SAND.