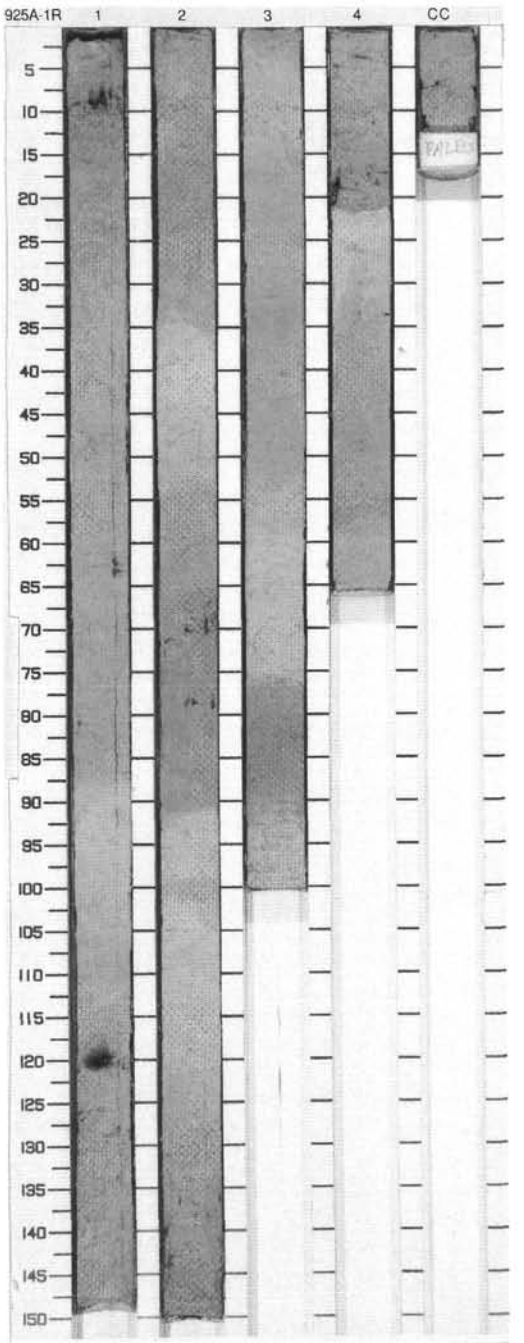
Information on Core Description Forms, for ALL sites, represents field notes taken aboard ship. Some of this information has been refined in accord with post-cruise findings, but production schedules prohibit definitive correlation of these forms with subsequent findings. Thus, the reader should be alerted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

WASHED 0.0–101.8 mbsf

SITE 925 HOLE A CORE 1R CORED 101.8 - 111.0 mbsf

Natural gamma ray[1]	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20 40			1	Pliocene	P		S	2.5Y 6/2	NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains light gray (2.5Y 6/2) to gray (2.5Y 5/2) NANNOFOSSIL OOZE WITH FORAMINIFERS, which is slightly bioturbated and mottled rarely with pyrite-filled burrows.
						P		S D		
				2					2.5Y 5/2	
									2.5Y 6/2	
				3					2.5Y 5/2	
				4		P		S	2.5Y 6/2	
				CC				M		

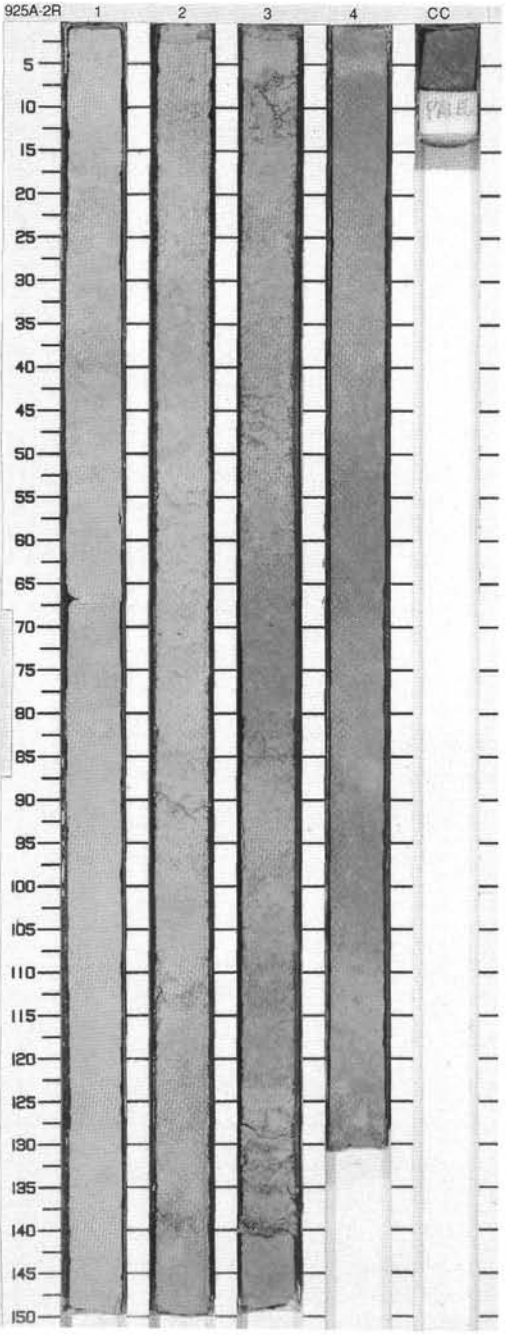
WASHED 111.0–197.9 mbsf



SITE 925 HOLE A CORE 2R CORED 197.9 - 207.5 mbsf

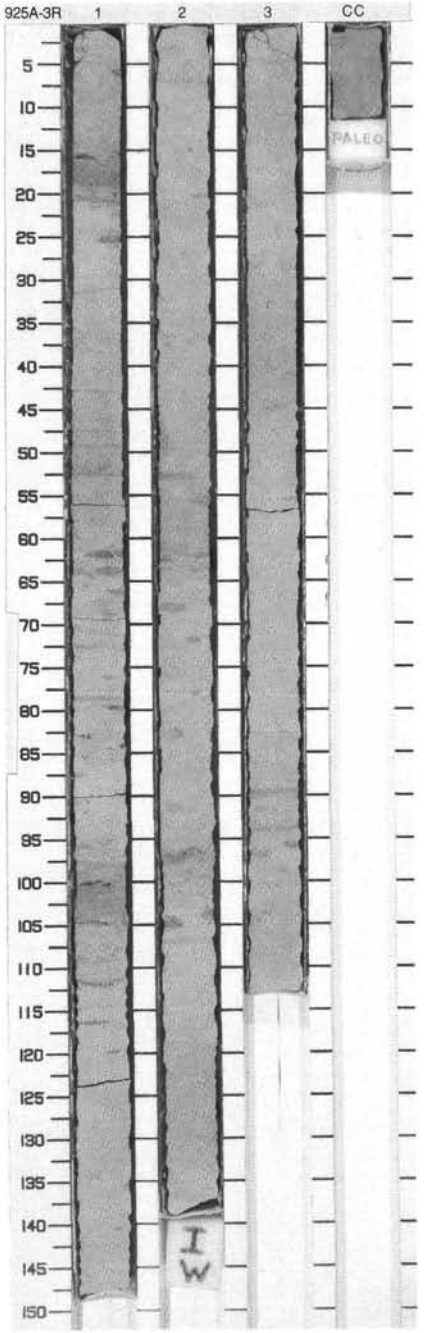
Natural gamma ray[1]	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
15 20	0 20 40	1–5		1, 2, 3, 4, CC	late Miocene			S, S, M	5Y 7/2; 2.5Y 6/2	FORAMINIFER NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains light gray (5Y 7/2) FORAMINIFER NANNOFOSSIL OOZE to light brownish gray (2.5Y 6/2) NANNOFOSSIL OOZE WITH FORAMINIFERS. The color contact is gradational and occurs within Section 2. The ooze is slightly bioturbated *from Section 1 to Section 4, 85 cm*, and moderately bioturbated below.

WASHED 207.5–303.7 mbsf

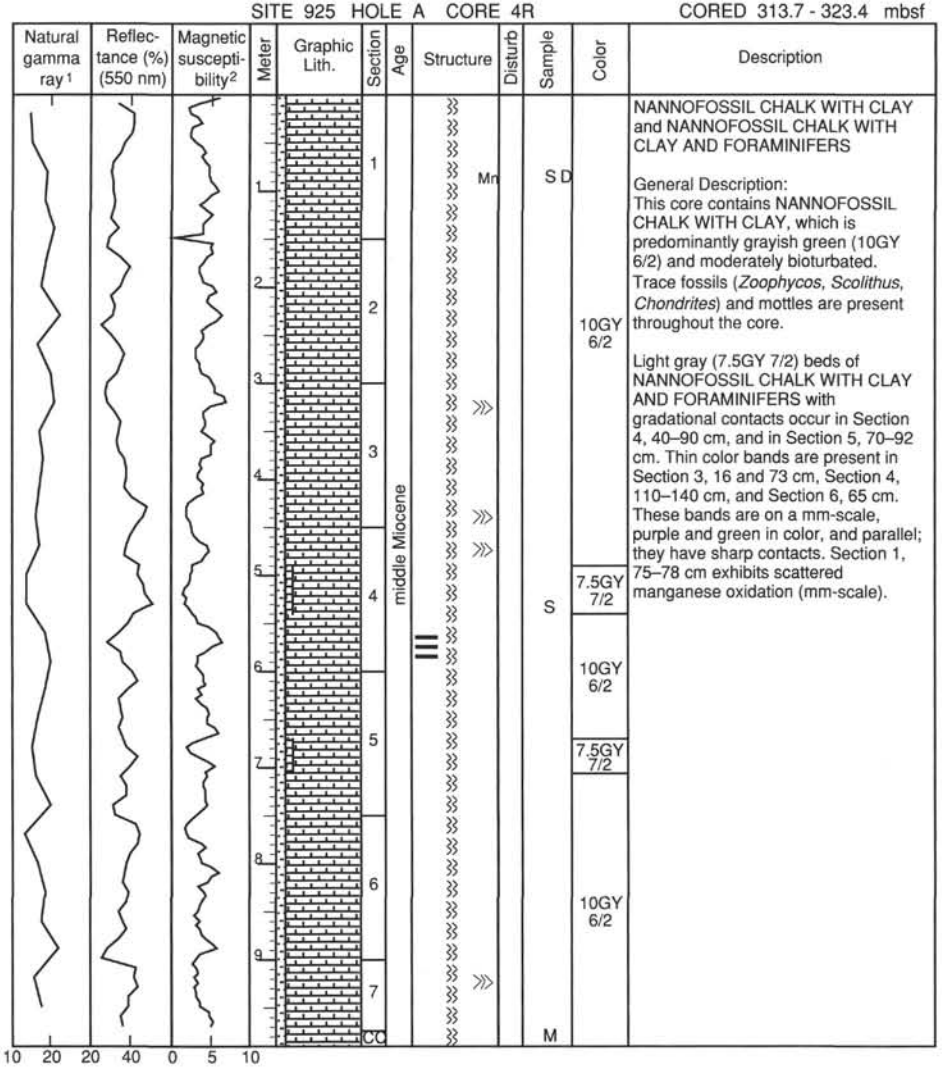


SITE 925 HOLE A CORE 3R CORED 303.7 - 313.7 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
15 20	20 30	0 10 20	1 2 3 4		1 2 3 CC	middle Miocene			S S I M	10GY 6/2	NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS General Description: The NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS is light grayish green (10GY 6/2) in color, moderately bioturbated and mottled. Burrow fills consist of nannofossil chalk with clay. Mm-scale pyritized burrow fills are present in Section 1, 82–101 cm. Discrete traces of *Zoophycos* are present in Section 1, 30–60 cm, and in Section 3, 10–23 cm.



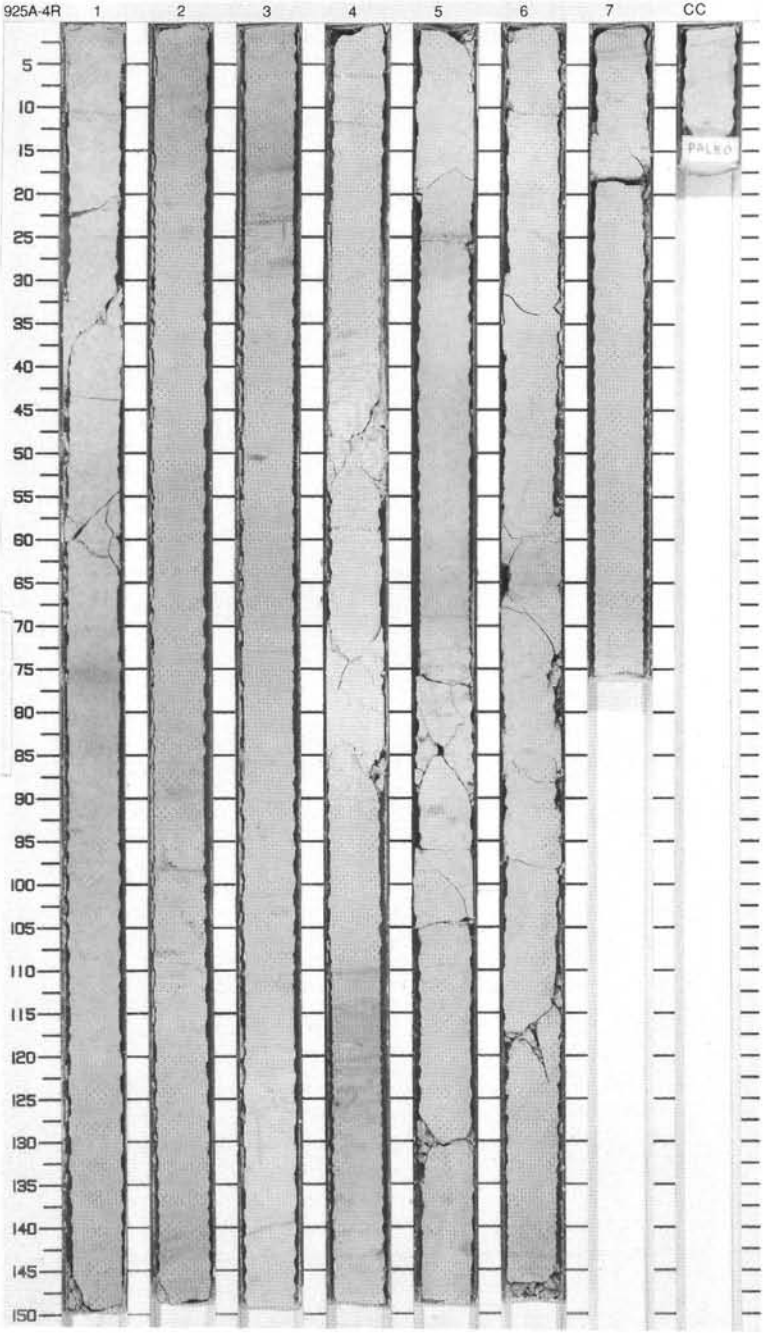
SITE 925 HOLE A CORE 4R CORED 313.7 - 323.4 mbsf

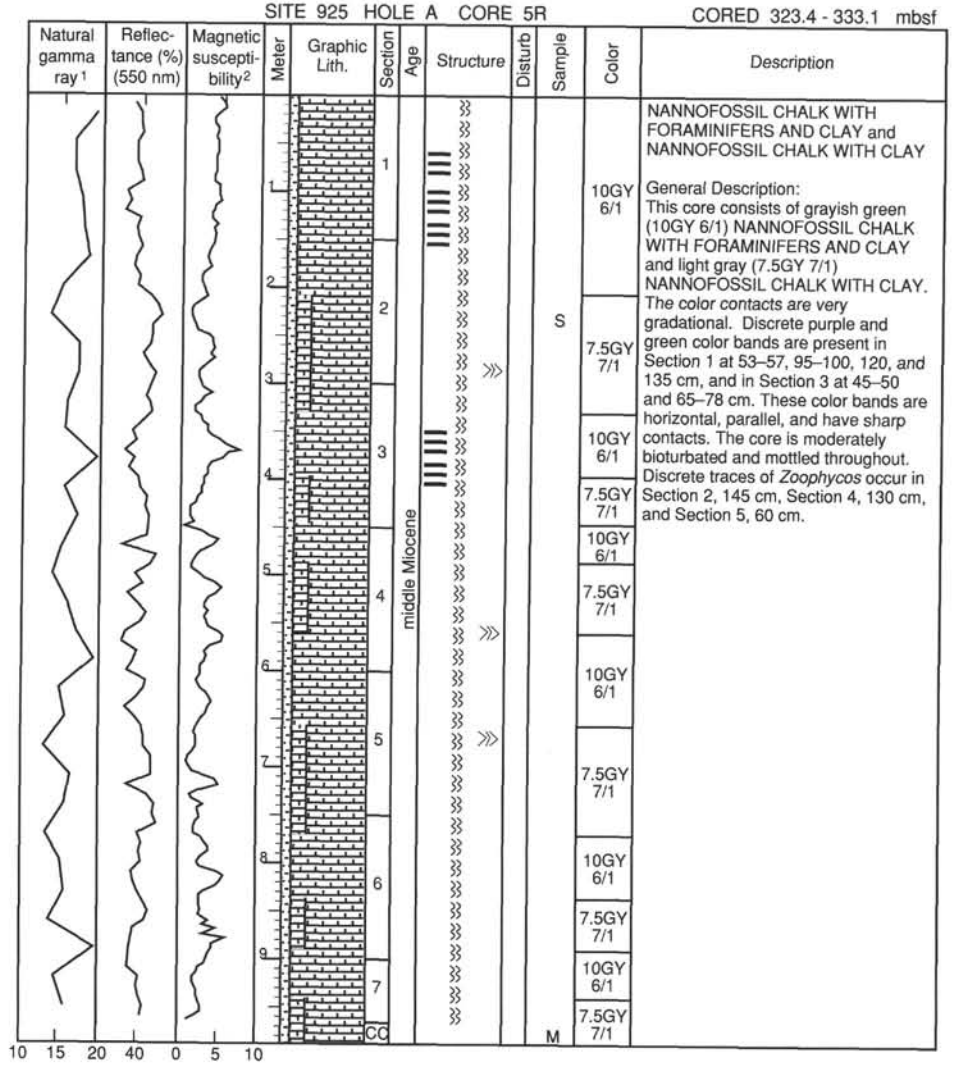


NANNOFOSSIL CHALK WITH CLAY and NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS

General Description:
This core contains NANNOFOSSIL CHALK WITH CLAY, which is predominantly grayish green (10GY 6/2) and moderately bioturbated. Trace fossils (*Zoophycos, Scolithus, Chondrites*) and mottles are present throughout the core.

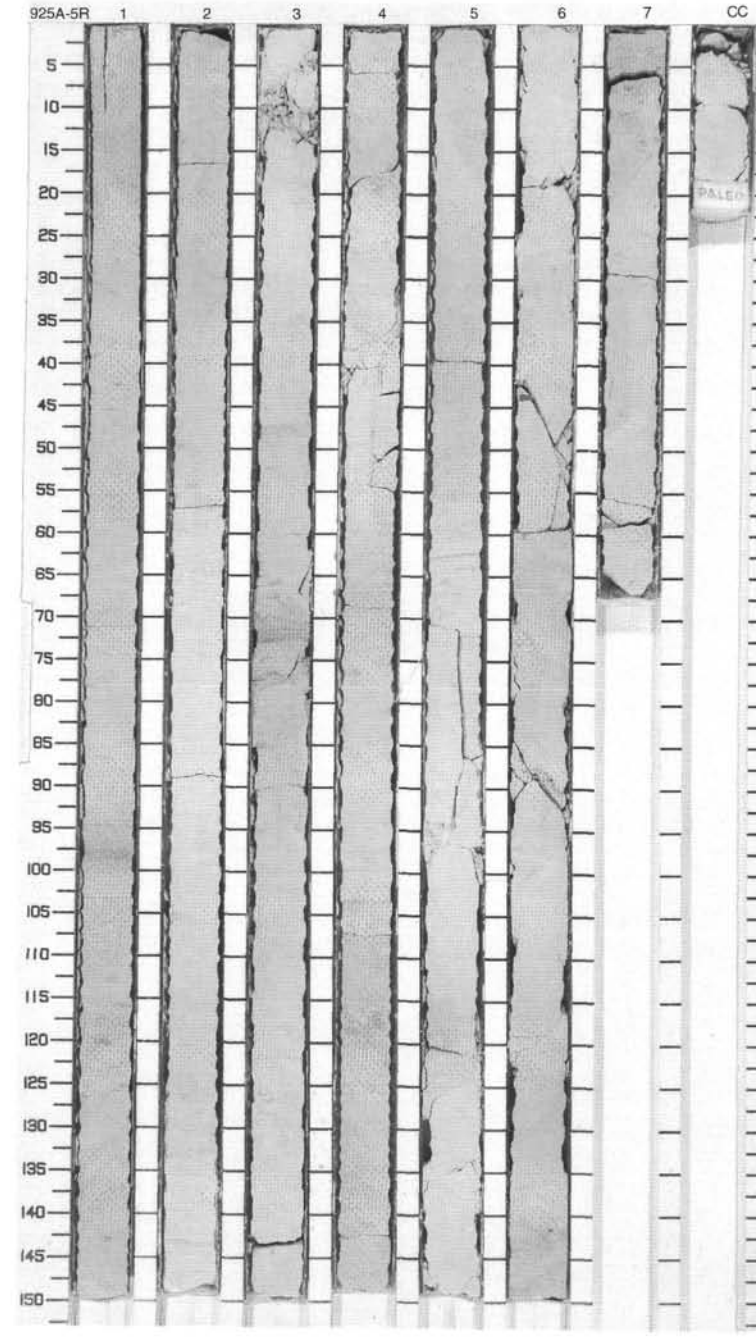
Light gray (7.5GY 7/2) beds of NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS with gradational contacts occur in Section 4, 40–90 cm, and in Section 5, 70–92 cm. Thin color bands are present in Section 3, 16 and 73 cm, Section 4, 110–140 cm, and Section 6, 65 cm. These bands are on a mm-scale, purple and green in color, and parallel; they have sharp contacts. Section 1, 75–78 cm exhibits scattered manganese oxidation (mm-scale).





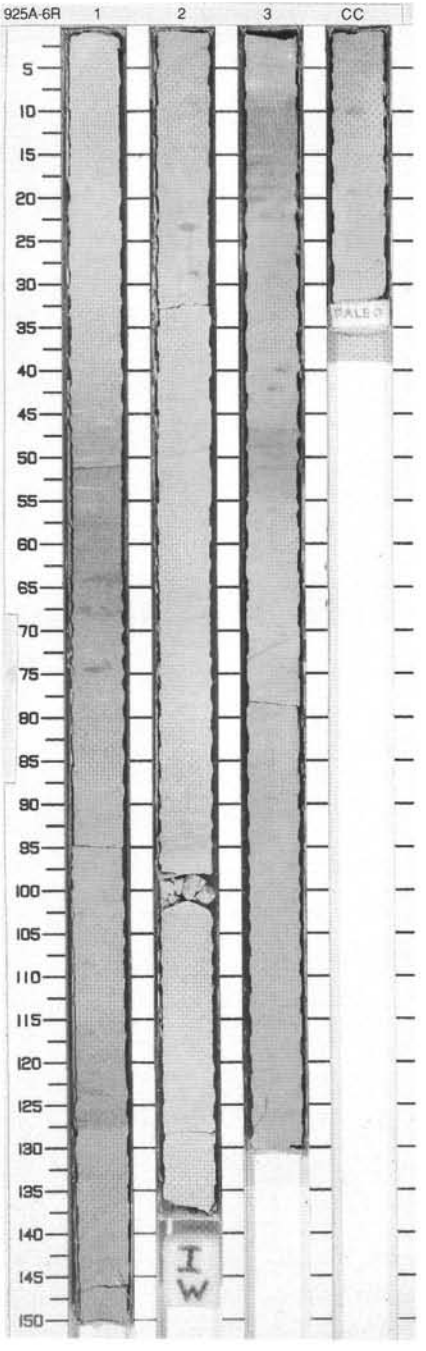
NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and NANNOFOSSIL CHALK WITH CLAY

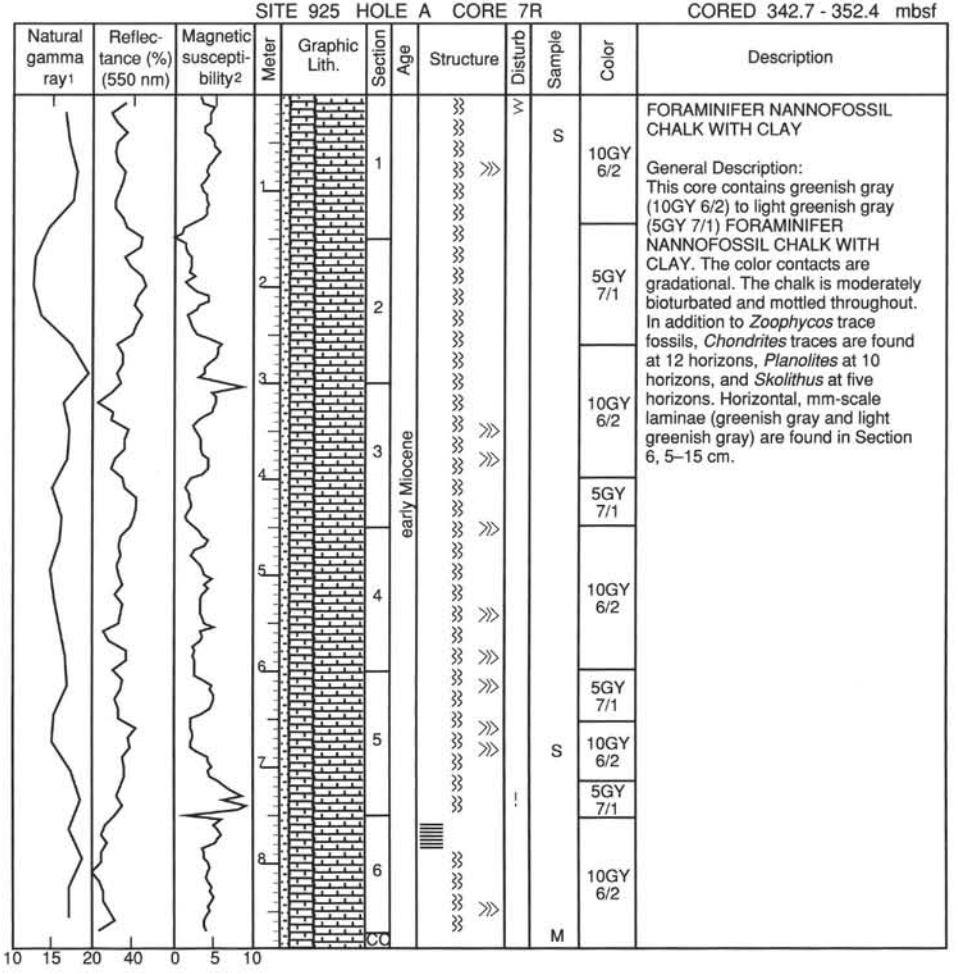
General Description:
This core consists of grayish green (10GY 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY. *The color contacts are very* gradational. Discrete purple and green color bands are present in Section 1 at 53–57, 95–100, 120, *and* 135 cm, and in Section 3 at 45–50 and 65–78 cm. These color bands are horizontal, parallel, and have sharp contacts. The core is moderately bioturbated and mottled throughout. Discrete traces of *Zoophycos* occur in Section 2, 145 cm, Section 4, 130 cm, and Section 5, 60 cm.

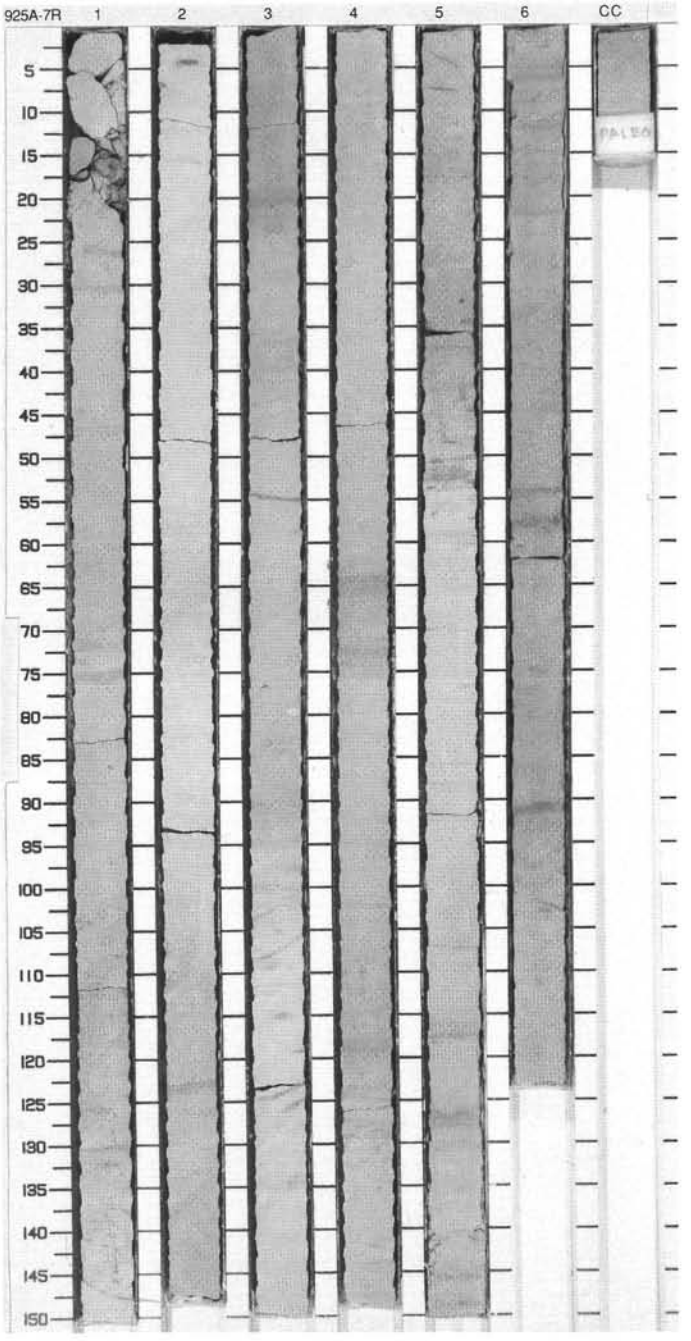


SITE 925 HOLE A CORE 6R CORED 333.1 - 342.7 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	20 40	0 5	1–4		1, 2, 3, CC	early Miocene			S, S, S, M	5GY 7/1; 10GY 6/1; 5GY 7/1; 10GY 6/0	NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and NANNOFOSSIL FORAMINIFER CHALK WITH CLAY General Description: This core contains light gray (5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and grayish green (10GY 6/1, 6/0) NANNOFOSSIL FORAMINIFER CHALK WITH CLAY. The color contacts are very gradational. The chalk is moderately bioturbated and mottled throughout the core with more intense burrowing in the darker beds as indicated by traces of *Zoophycos*, *Chondrites*, and *Skolithus*. A thin white bed of well-sorted and ungraded FORAMINIFER CHALK WITH NANNOFOSSILS occurs in Section 2, 94–100 cm. It has a sharp base and contains wedge-planar, mm-scale color bands at the top and provides evidence for a turbidite rather than for a deposit that results from bottom water activity. Horizontal, parallel, mm-scale laminae (purple and green) are present in Section 1 at 55–60 cm and at Section 3, 10–20 cm. A thick purple color band occurs in Section 1, at 119–129 cm.

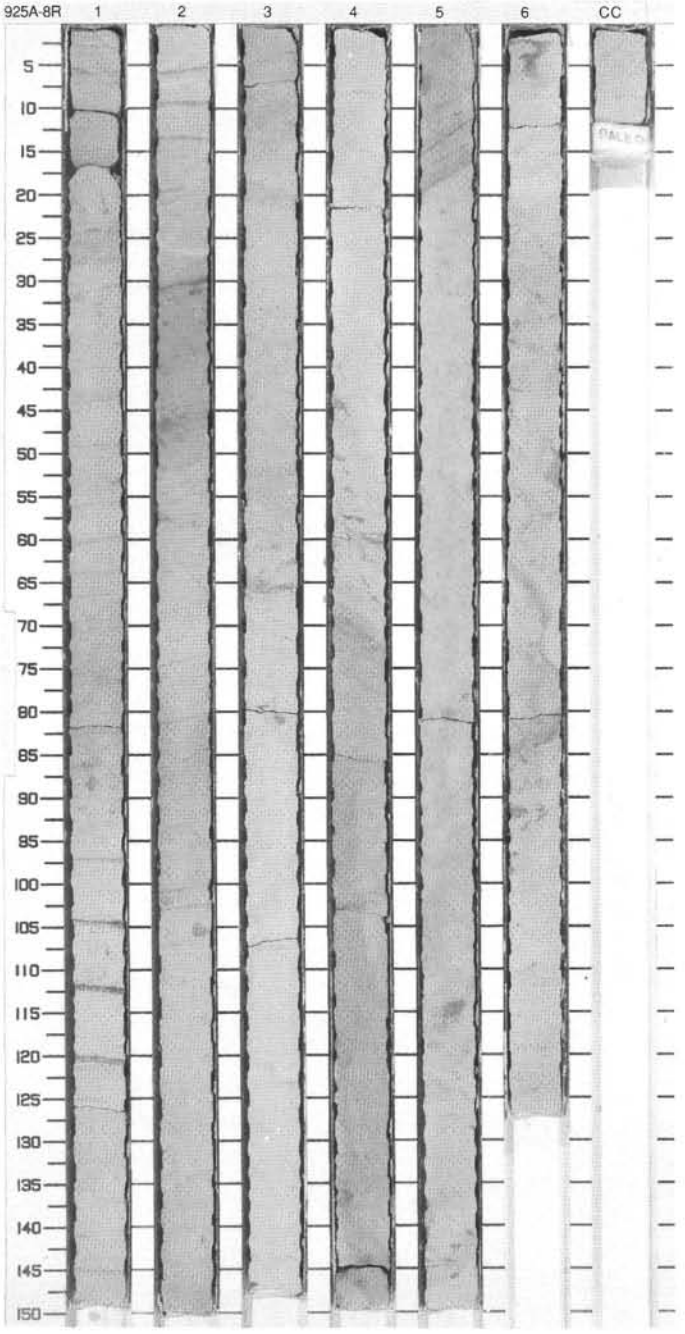



SITE 925 HOLE A CORE 7R
CORED 342.7 - 352.4 mbsf
Natural gamma ray1
Reflec-tance (%) (550 nm)
Magnetic suscepti-bility2
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
10 15 20 40 0 5 10
1
2
3
4
5
6
7
8
CC
early Miocene
S
S
M
10GY 6/2
5GY 7/1
10GY 6/2
5GY 7/1
10GY 6/2
5GY 7/1
10GY 6/2
5GY 7/1
10GY 6/2
FORAMINIFER NANNOFOSSIL CHALK WITH CLAY
General Description:
This core contains greenish gray (10GY 6/2) to light greenish gray (5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY. The color contacts are gradational. The chalk is moderately bioturbated and mottled throughout. In addition to Zoophycos trace fossils, Chondrites traces are found at 12 horizons, Planolites at 10 horizons, and Skolithus at five horizons. Horizontal, mm-scale laminae (greenish gray and light greenish gray) are found in Section 6, 5–15 cm.


925A-7R
1
2
3
4
5
6
CC
PALEO

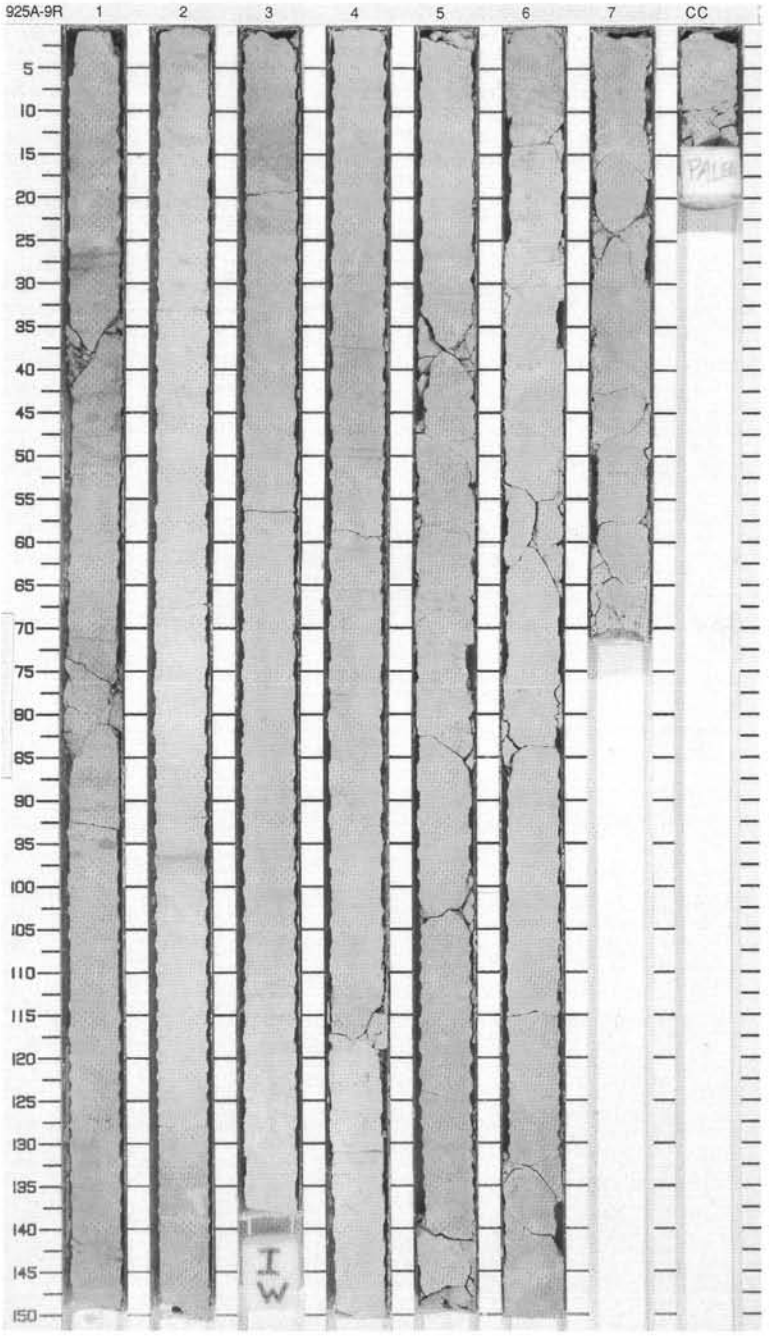
SITE 925 HOLE A CORE 8R CORED 352.4 - 362.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	20 40	0 10 20	1–8		1–6, CC	early Miocene			S / S / S / M	7.5GY 6/1; 5GY 7/2; 7.5GY 6/1; 5GY 7/1	FORAMINIFER NANNOFOSSIL CHALK General Description: This core contains greenish gray (7.5GY 6/1) to light greenish gray (5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK. The color contacts are gradational. The chalk is moderately bioturbated throughout and mottled with *Zoophycos*- and *Planolites*-like burrows. In Section 4, 40–70 cm, and from Section 5, 145 cm to Section 6, 80 cm, microfaults (thrusts) occur, probably due to slumping. They can be seen in dipping purple or green color bands and burrows.



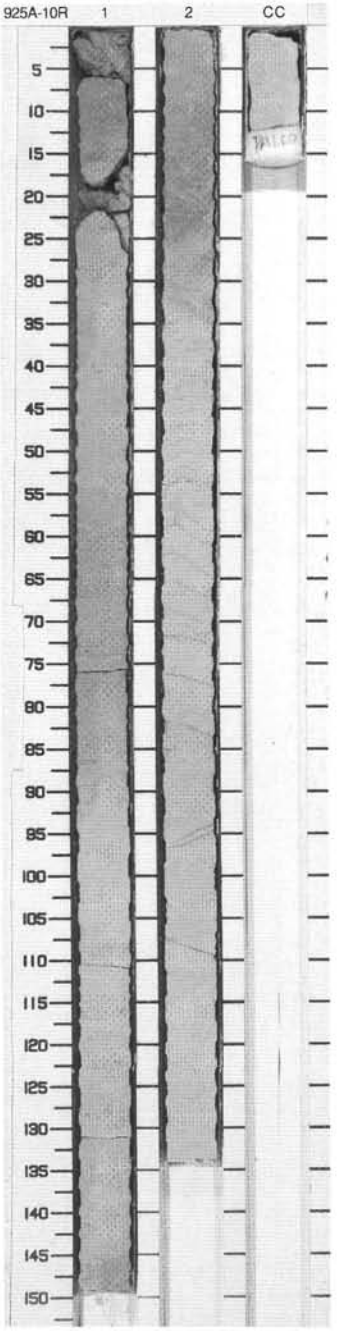
SITE 925 HOLE A CORE 9R CORED 362.0 - 371.7 mbsf

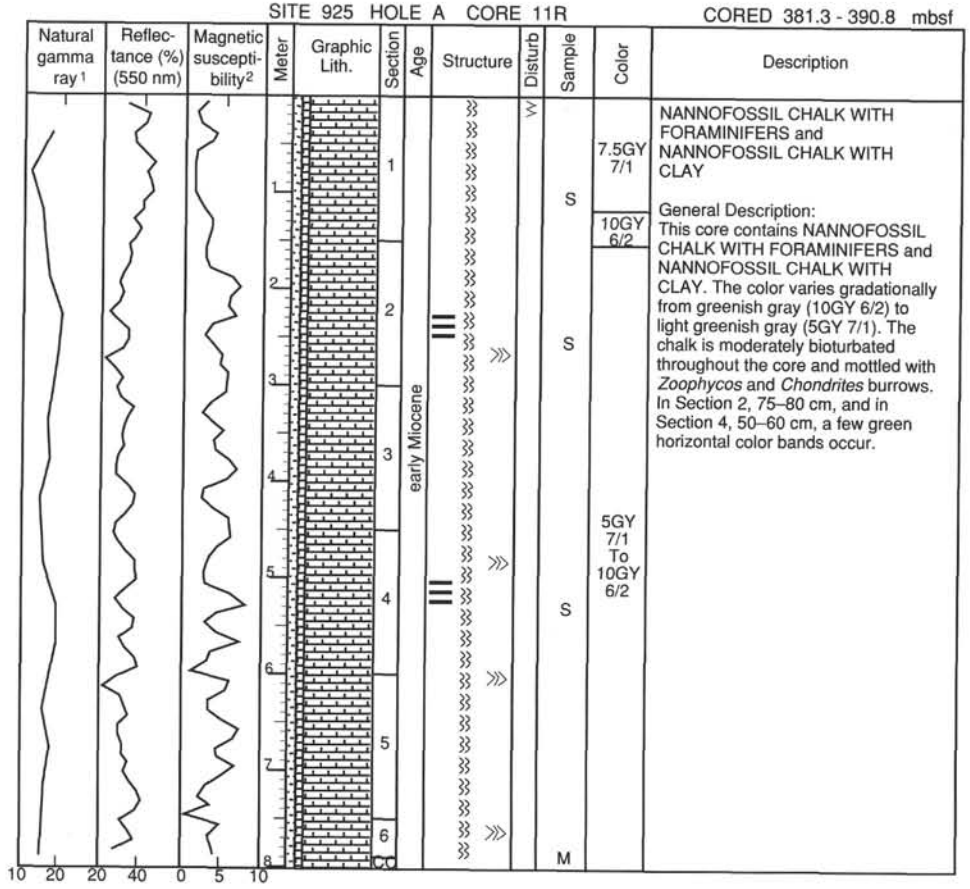
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	20 40	0 5 10	1–9		1	early Miocene		W	S	7.5GY 6/1	FORAMINIFER NANNOFOSSIL CHALK General Description: This core contains greenish gray (7.5GY 6/1) to light greenish gray (5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK. The chalk is moderately bioturbated throughout and mottled by *Zoophycos*-, *Chondrites*-, and *Planolites*-shaped burrows. In Section 1, 70–75 cm, a microfault (thrust, displacement 5 mm) in a purple color band occurs.
					2					5GY 7/1	
					3				S	7.5GY 6/1	
					4				I	5GY 7/1	
										7.5GY 6/1	
					5					5GY 7/1	
					6				S		
					7			W		7.5GY 6/1	
					CC				M		

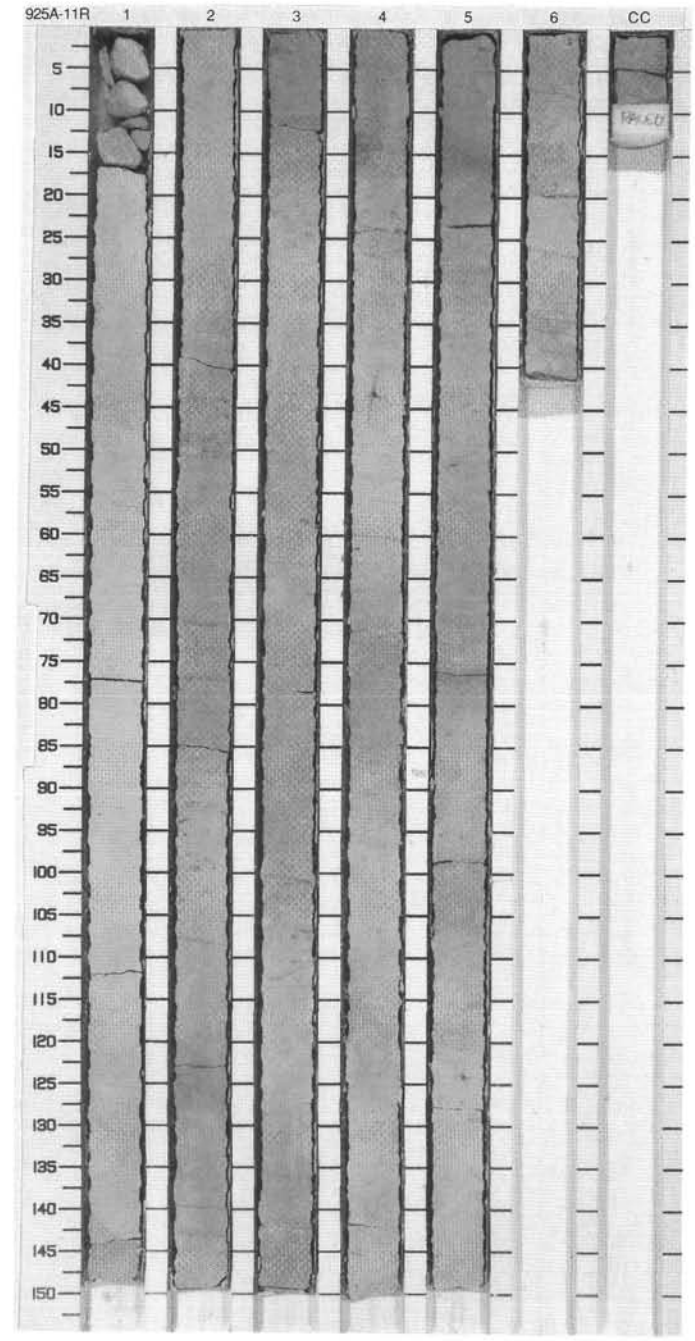


SITE 925 HOLE A CORE 10R CORED 371.7 - 381.3 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 15 20	40 0	5 10	1 2		1 2 CC	early Miocene		W	S M	7.5GY 7/1	FORAMINIFER NANNOFOSSIL CHALK WITH CLAY General Description: This core contains light greenish gray (7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY, which is moderately bioturbated throughout and mottled by *Zoophycos* and *Chondrites* burrows.




SITE 925 HOLE A CORE 11R
CORED 381.3 - 390.8 mbsf
Natural gamma ray 1
Reflec-tance (%) (550 nm)
Magnetic suscepti-bility 2
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
early Miocene
7.5GY 7/1
10GY 6/2
5GY 7/1 To 10GY 6/2
NANNOFOSSIL CHALK WITH FORAMINIFERS and NANNOFOSSIL CHALK WITH CLAY
General Description:
This core contains NANNOFOSSIL CHALK WITH FORAMINIFERS and NANNOFOSSIL CHALK WITH CLAY. The color varies gradationally from greenish gray (10GY 6/2) to light greenish gray (5GY 7/1). The chalk is moderately bioturbated throughout the core and mottled with Zoophycos and Chondrites burrows. In Section 2, 75–80 cm, and in Section 4, 50–60 cm, a few green horizontal color bands occur.

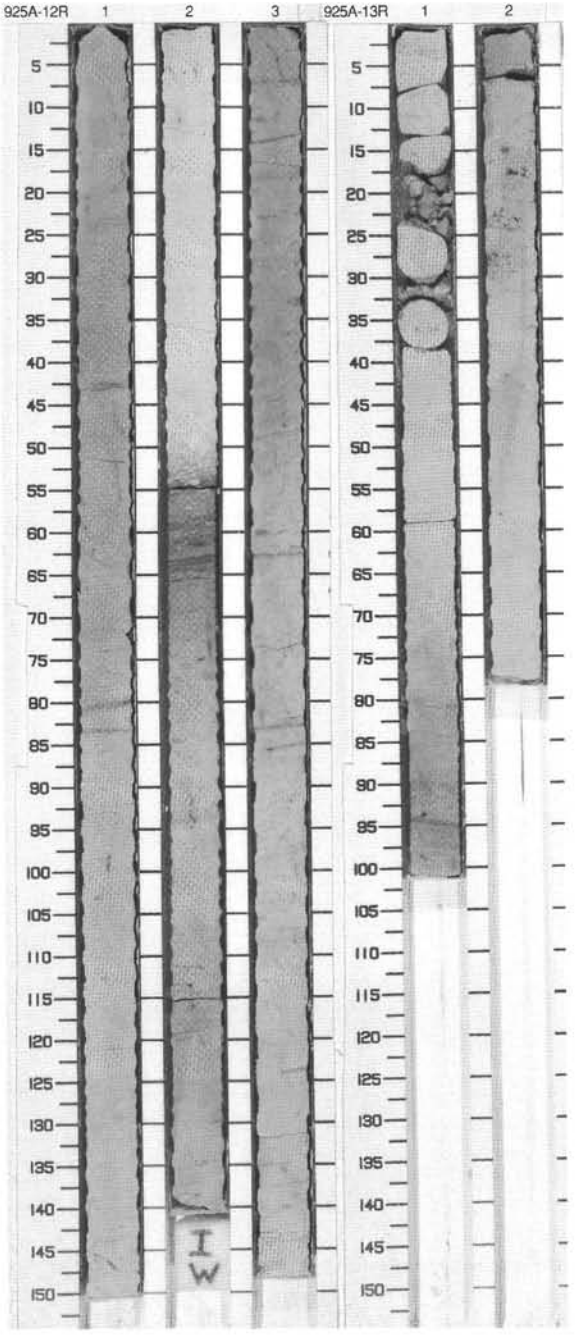

925A-11R
1
2
3
4
5
6
CC

SITE 925 HOLE A CORE 12R CORED 390.8 - 400.4 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
15 20	0 25	0 5 10	1 2 3 4		1 2 3 CC	early Miocene		1	S S I M	10GY 6/2 5GY 7/1 10GY 6/2	NANNOFOSSIL CHALK WITH FORAMINIFERS General Description: This core contains NANNOFOSSIL CHALK WITH FORAMINIFERS. The color is greenish gray (10GY 6/2) to light gray (5GY 7/1). The chalk is moderately bioturbated (only in Section 2, 50–65 cm heavily) and mottled with *Zoophycos* and *Chondrites* burrows.

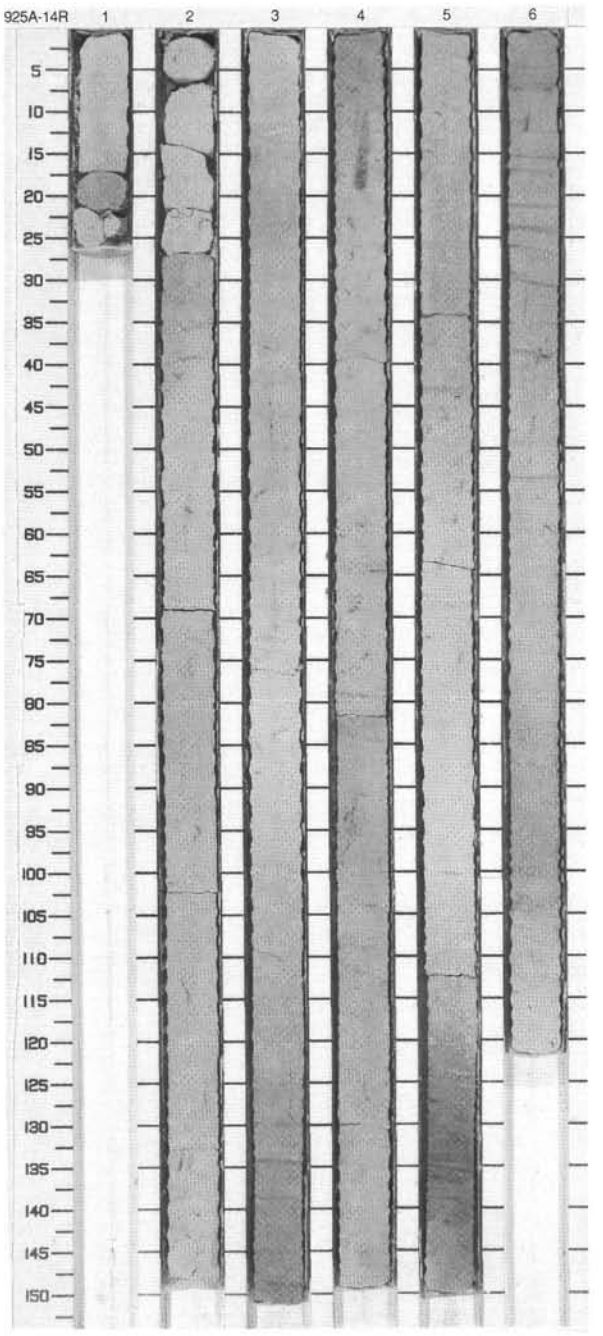
SITE 925 HOLE A CORE 13R CORED 400.4 - 410.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5	1		1 2 CC	early Miocene	P	V	S M	5GY 7/1 To 7.5GY 5/1 5GY 7/1	NANNOFOSSIL CHALK WITH FORAMINIFERS General Description: This core contains greenish gray (5GY 7/1 to 7.5GY 5/1) NANNOFOSSIL CHALK WITH FORAMINIFERS. The chalk is moderately bioturbated and shows *Zoophycos*-shaped burrows.



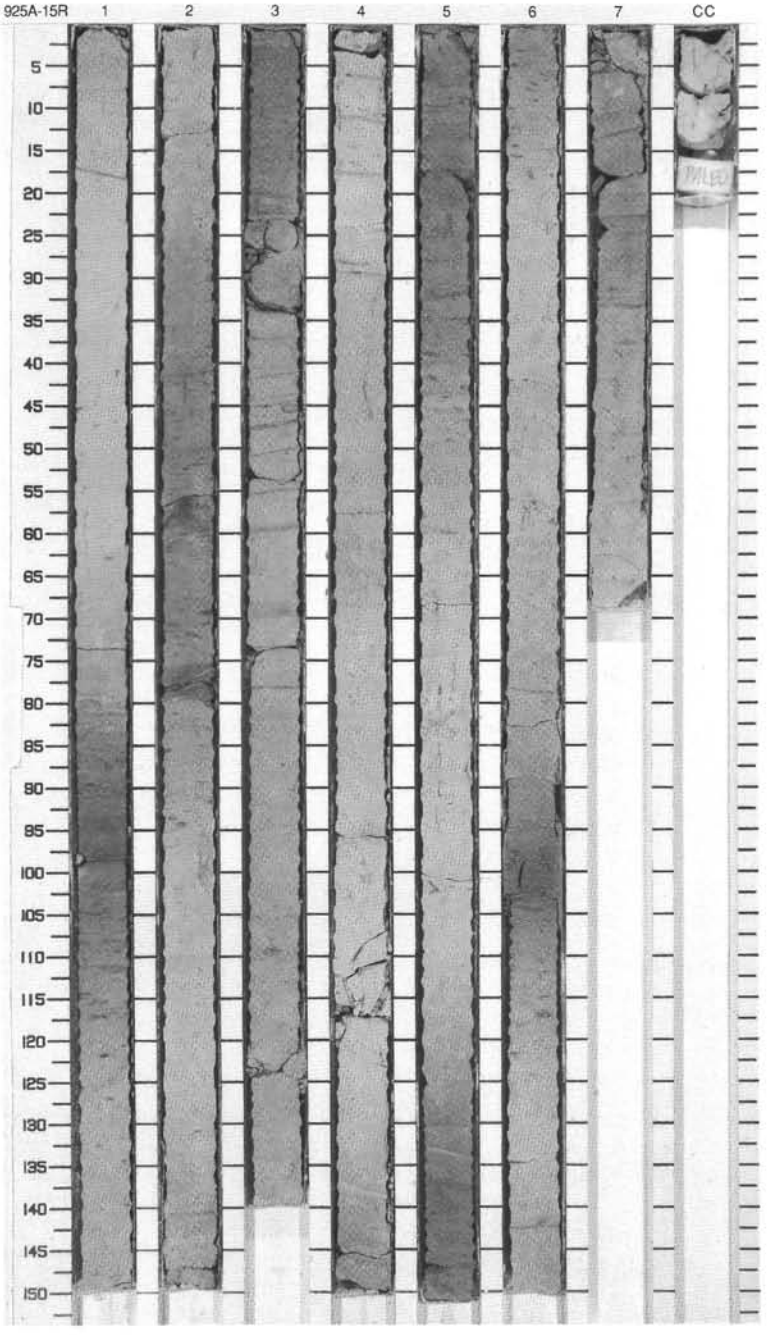
SITE 925 HOLE A CORE 14R CORED 410.0 - 419.7 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 15	0 25	0 5 10	1–7		1–6, CC	early Miocene	P P P	VVVV	S M	10GY 6/2; 5GY 7/1; 10GY 6/2; 5GY 7/1; 10GY 5/2; 10GY 6/2	NANNOFOSSIL CHALK WITH FORAMINIFERS General Description: This core contains greenish gray (10GY 5/2, 6/2) to light greenish gray (5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS. The chalk is moderately bioturbated with minor amounts of disseminated pyrite and small pyrite-filled burrows in Sections 2 and 3. A 1-cm-thick vertical burrow occurs in Section 4, 10–20 cm. Seven distinct *Zoophycus* burrows occur in Section 6, 10–50 cm. All color changes are gradational.



SITE 925 HOLE A CORE 15R CORED 419.7 - 429.3 mbsf

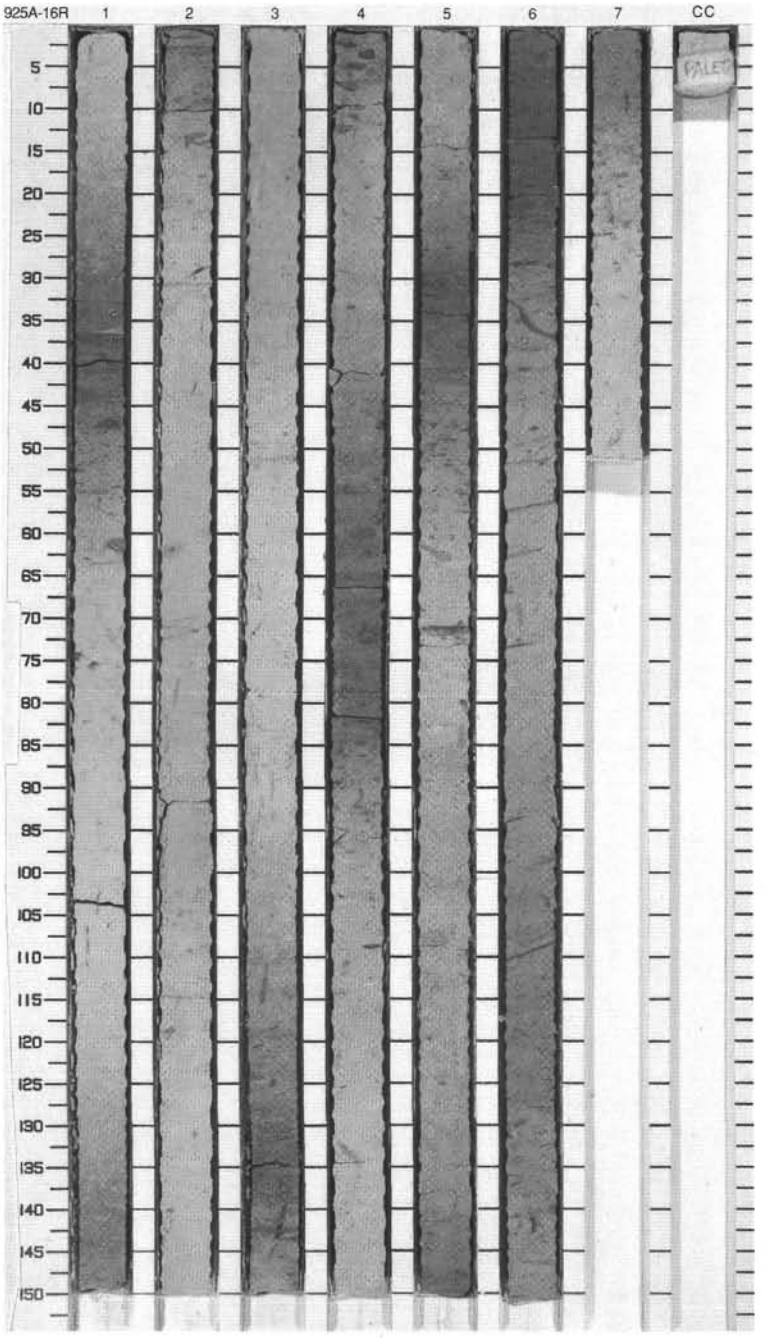
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–8		1–7	early Miocene		W	S I M	5GY 7/1; 7.5GY 5/1; 10GY 6/2; 7.5GY 5/1; 5GY 7/1; 10GY 6/2; 7.5GY 6/1; 5GY 7/1; 10GY 6/2; 7.5GY 5/1; 7.5GY 5/1; 5GY 7/1	NANNOFOSSIL CHALK WITH FORAMINIFERS General Description: This core contains greenish gray (7.5GY 5/1, 10GY 6/2) to light greenish gray (5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS. All color changes are gradational. The chalk is moderately bioturbated with minor amounts of disseminated pyrite and small pyrite-filled burrows. The chalk is mottled with *Zoophycos*-shaped burrows.



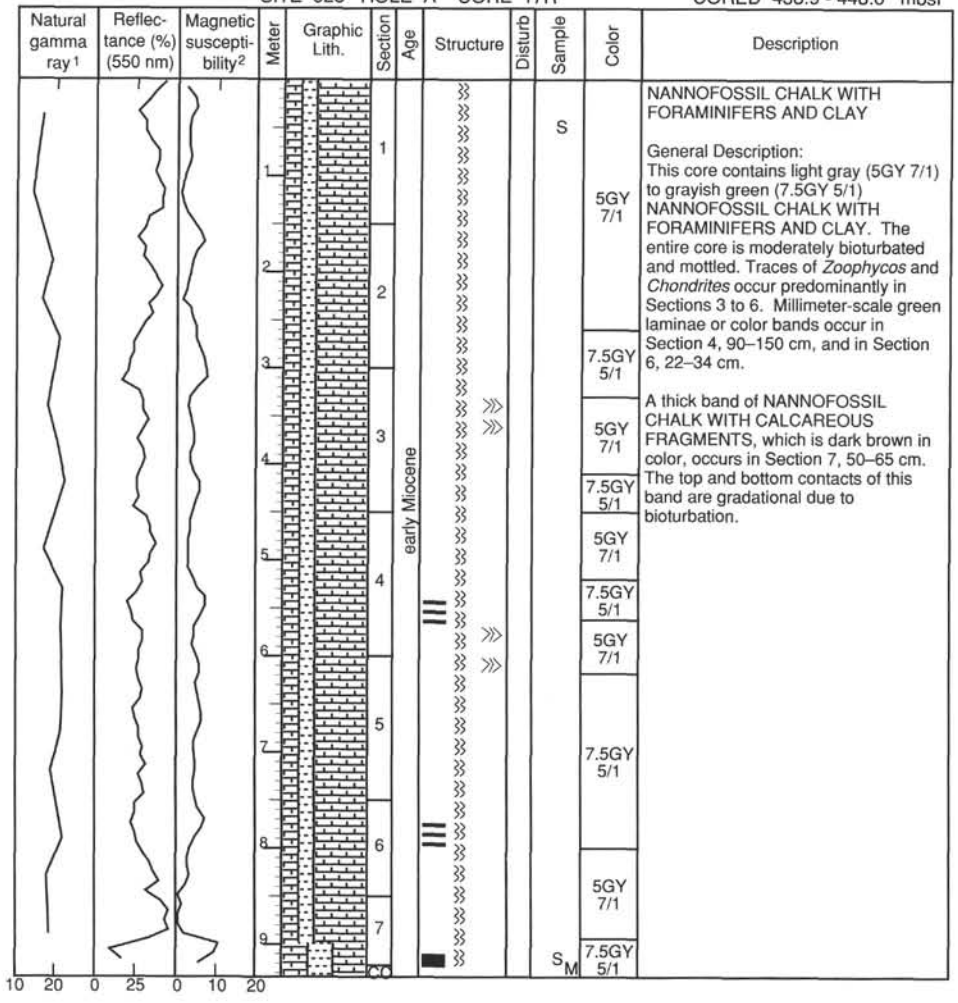
SITE 925 HOLE A CORE 16R CORED 429.3 - 438.9 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	early Miocene			S	5GY 7/1 10GY 5/2 5GY 7/1 10GY 5/2	NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY General Description: This core consists of NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY, which is light gray (5GY 7/1) and grayish green (10GY 5/2) in color, moderately bioturbated, and mottled. Traces of *Zoophycos* and *Chondrites* are present throughout the core. Some burrow fills exhibit purple reduction halos. Millimeter- to centimeter-scale intervals of laminae or color bands occur in Section 1 at 30–45 cm, Section 2, 0–5 cm, Section 3, 49–51 cm, and Section 5, 33–45 cm. Traces of pyrite occur throughout the core.
					2					5GY 7/1	
					3				S	7.5GY 5/1 5GY 7/1	
					4					10GY 5/2 5GY 7/1	
					5					10GY 5/2 5GY 7/1	
					6					10GY 5/2 5GY 7/1	
					7				M	10GY 5/2 5GY 7/1	

10 20 0 25 0 10 20



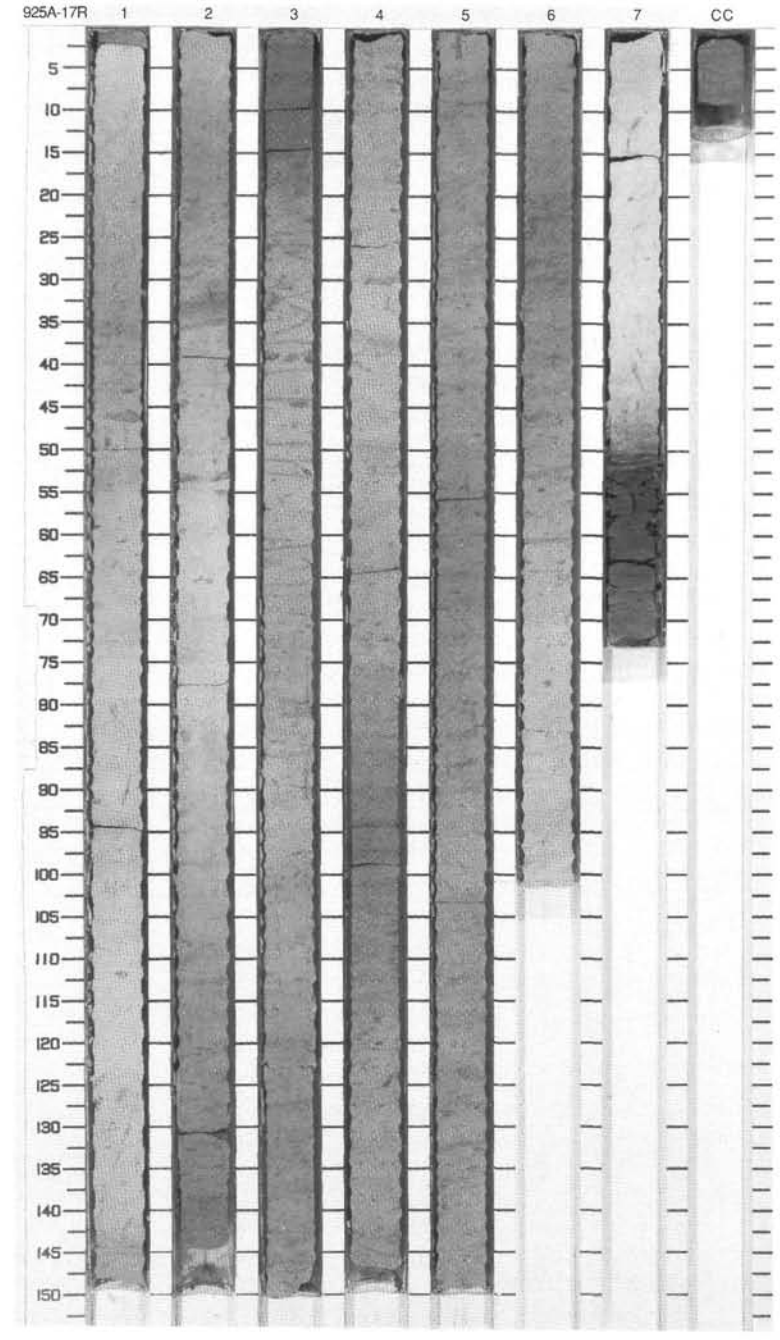
SITE 925 HOLE A CORE 17R CORED 438.9 - 448.6 mbsf



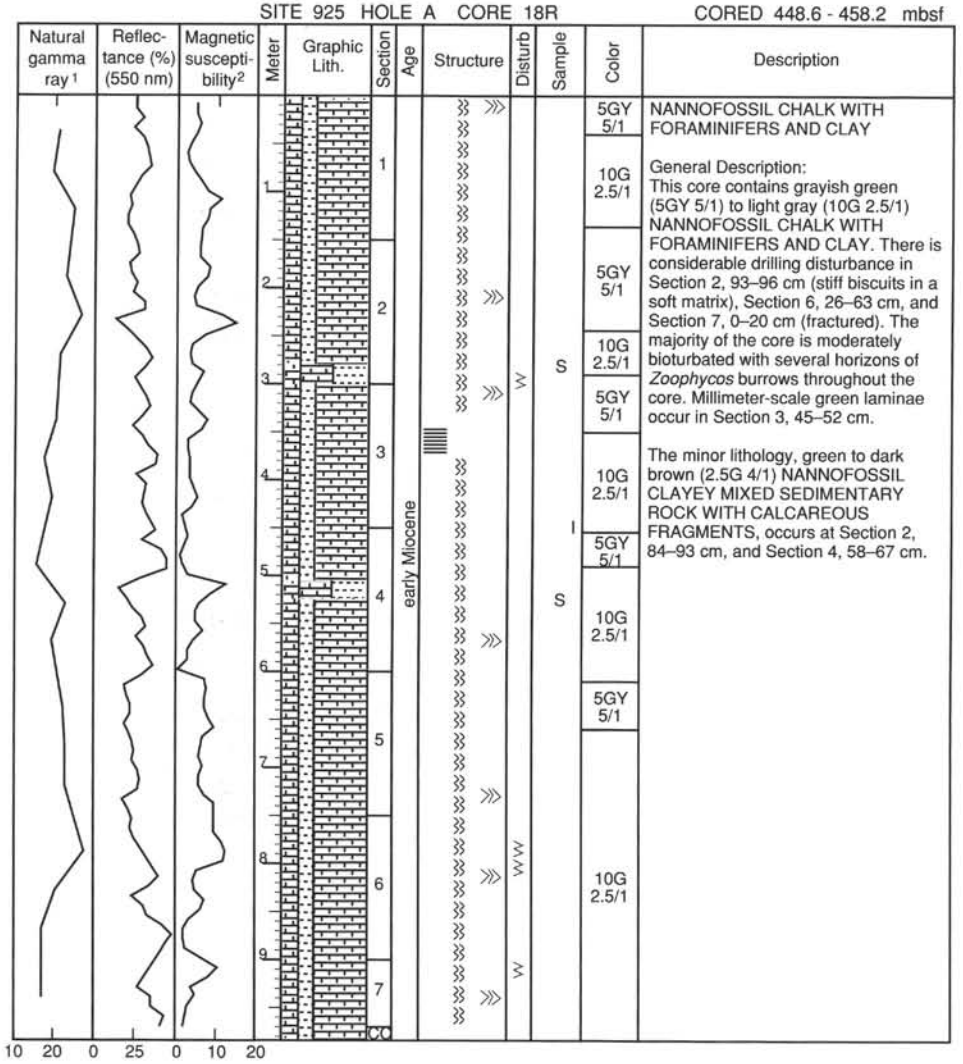
NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY

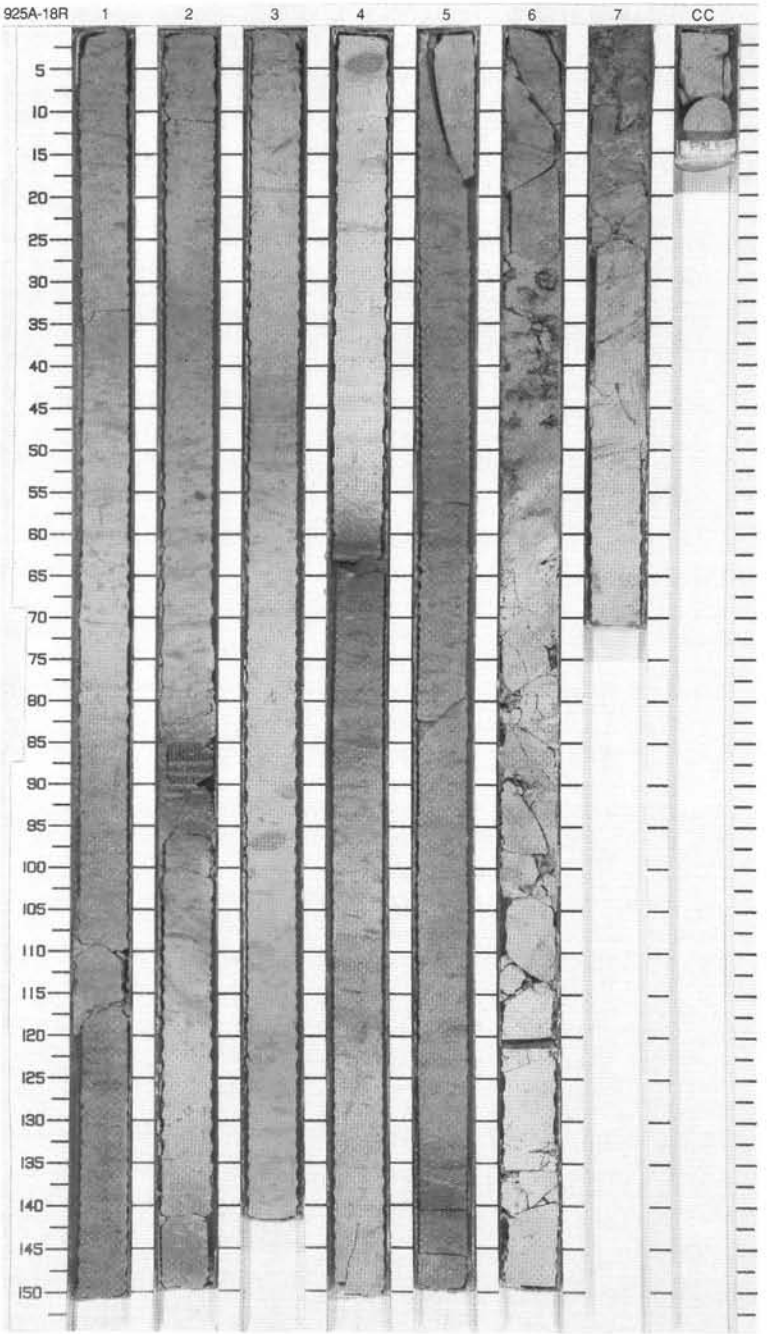
General Description:
This core contains light gray (5GY 7/1) to grayish green (7.5GY 5/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY. The entire core is moderately bioturbated and mottled. Traces of *Zoophycos* and *Chondrites* occur predominantly in Sections 3 to 6. Millimeter-scale green laminae or color bands occur in Section 4, 90–150 cm, and in Section 6, 22–34 cm.

A thick band of NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS, which is dark brown in color, occurs in Section 7, 50–65 cm. The top and bottom contacts of this band are gradational due to bioturbation.

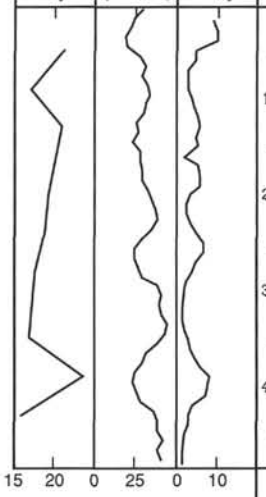


SITE 925 HOLE A CORE 18R CORED 448.6 - 458.2 mbsf

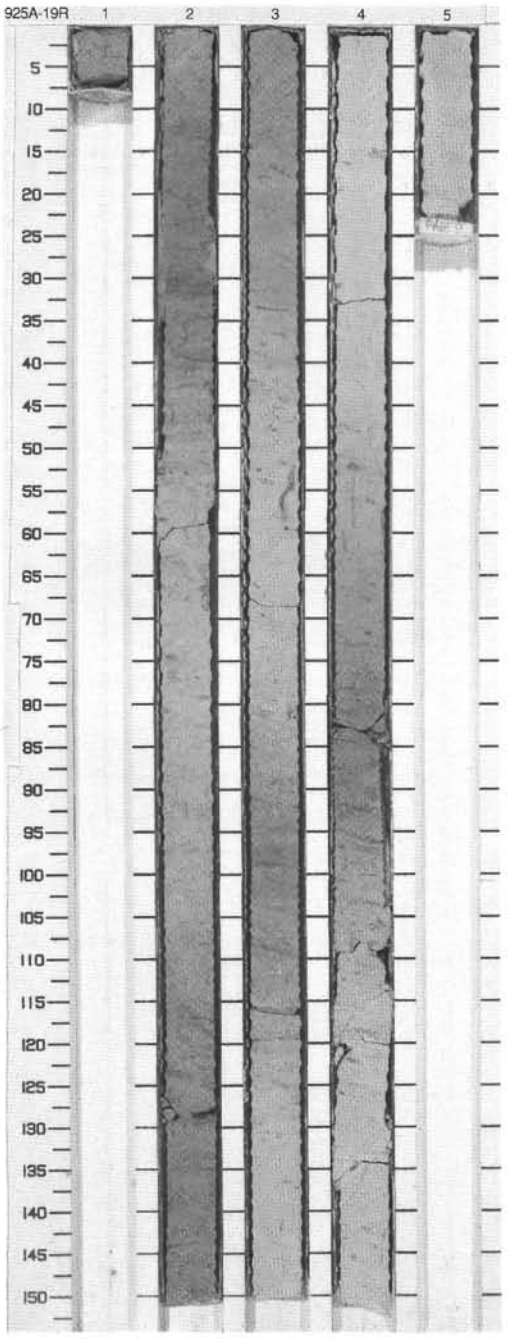


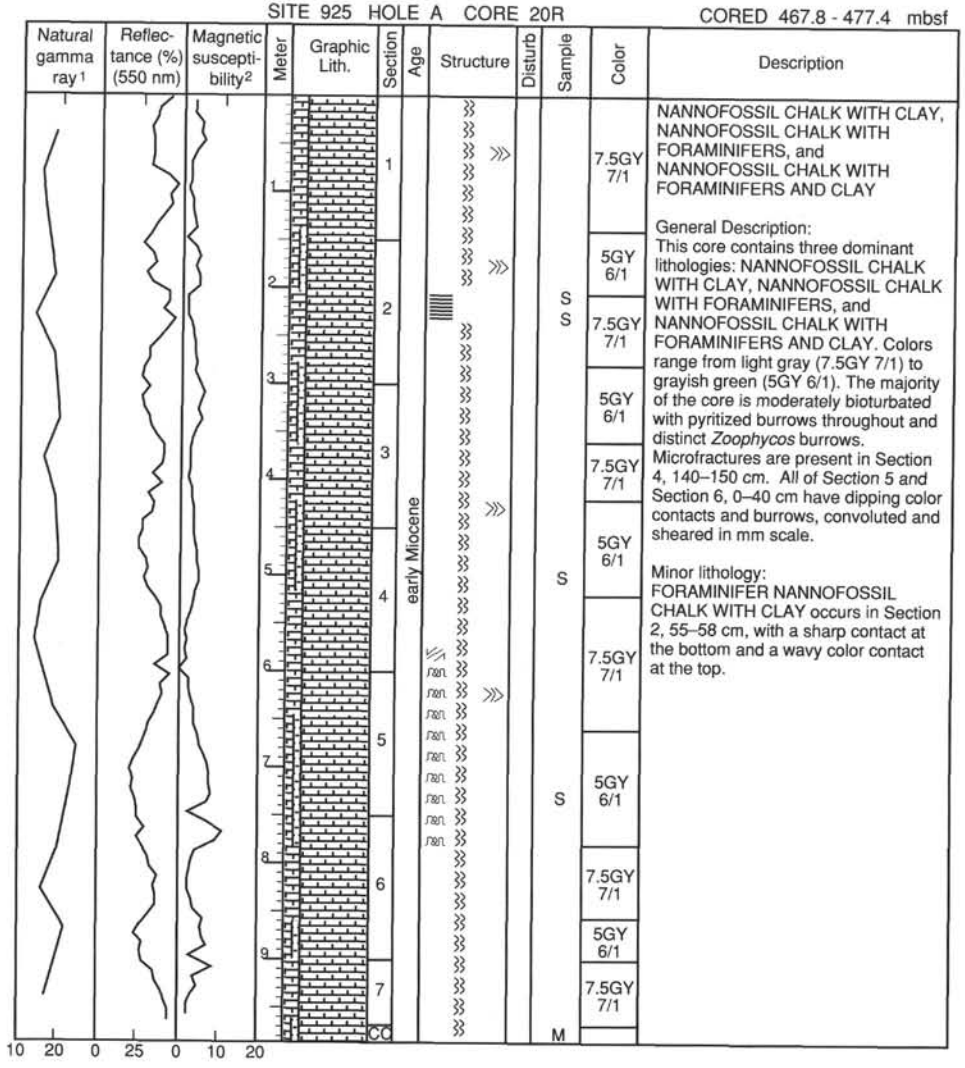


SITE 925 HOLE A CORE 19R CORED 458.2 - 467.8 mbsf

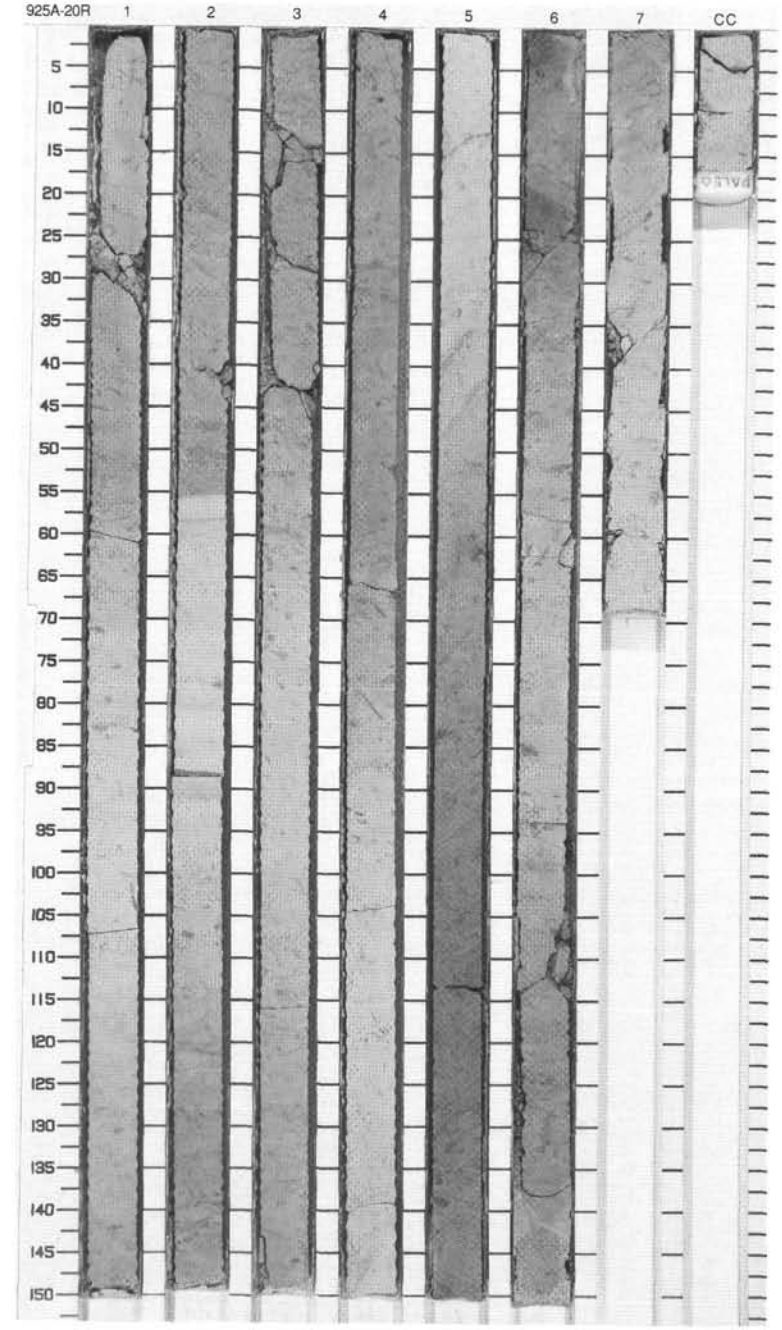


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1–4		1–5	early Miocene			S	5GY 5/1; 7.5GY 7/1; 5GY 7/1; 5GY 5/1; 5GY 7/1	NANNOFOSSIL CHALK WITH CLAY AND CALCAREOUS FRAGMENTS and NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY General Description: This core contains grayish green (5GY 5/1) NANNOFOSSIL CHALK WITH CLAY AND CALCAREOUS FRAGMENTS and light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY interspersed throughout the core with gradational contacts. The core is slightly to moderately bioturbated. *Chondrites* burrows occur throughout the core, and *Zoophycos* burrows occur in Section 2, 38–50 and 119–122 cm, in Section 3,106–120 cm, and in Section 4, 84–88 cm. Two large vertical burrows, both reworked by *Chondrites* burrows, occur in Section 3, 52–58 cm and in Section 4, 51–58 cm. Thin dark green color banding occurs in Section 3, 90–99 cm, and in Section 4, 85–90 cm. Thick brownish green color bands are present in Section 2, 32–34 cm. The interval from 27–33 cm in Section 2 shows drilling disturbance. Traces of pyrite or manganese oxides occur throughout the core, with one burrow in Section 3, 112–113 cm, showing purple reduction halos.

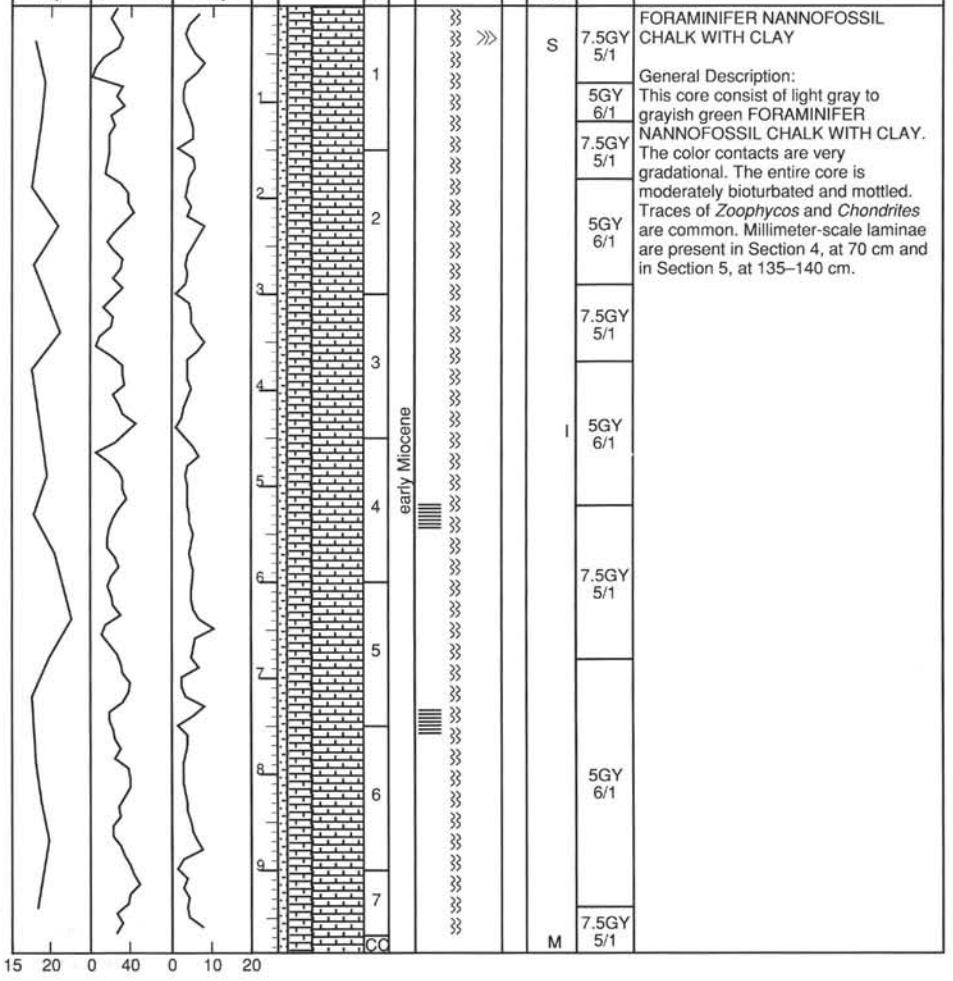


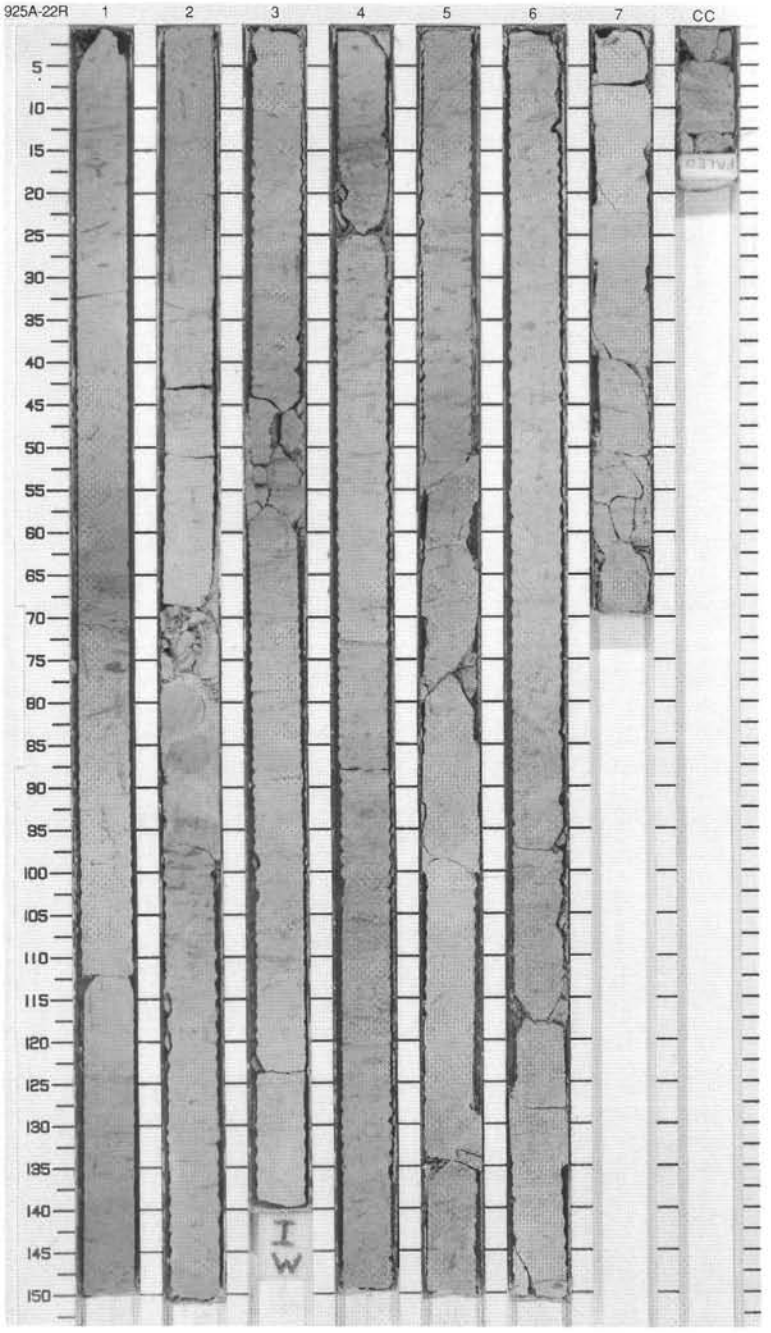


925A 21R NO RECOVERY

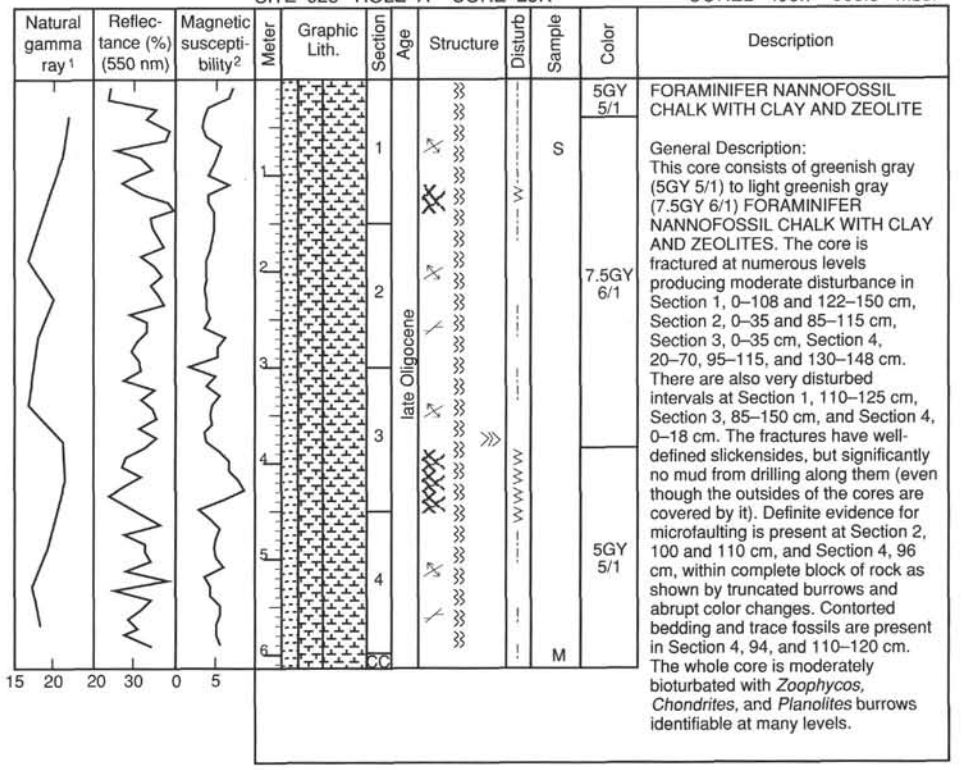


SITE 925 HOLE A CORE 22R CORED 487.1 - 496.7 mbsf





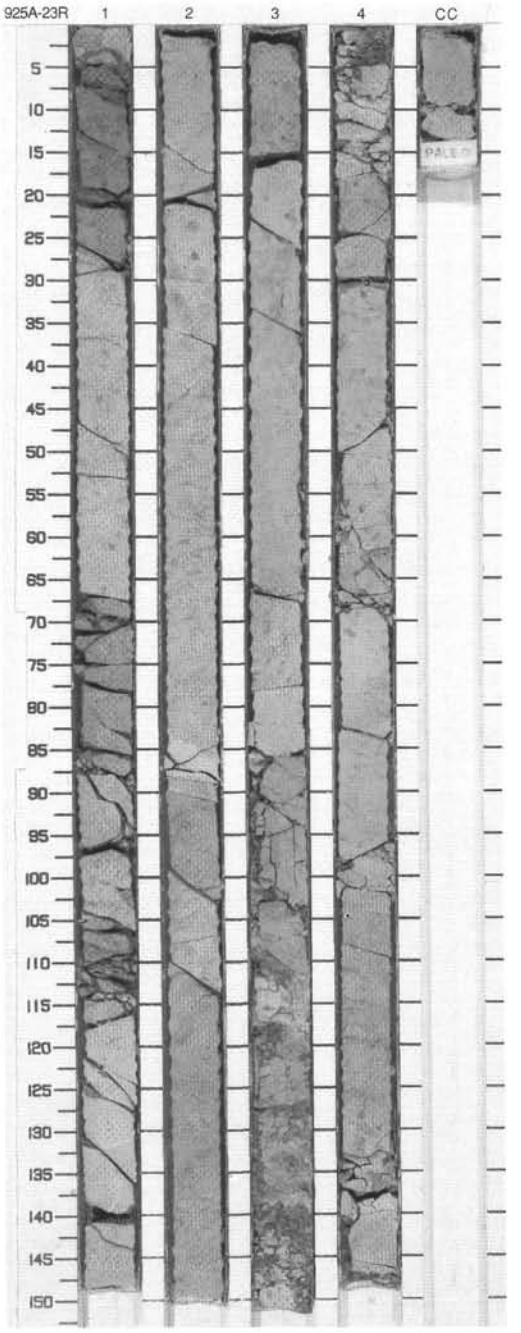
SITE 925 HOLE A CORE 23R CORED 496.7 - 506.3 mbsf



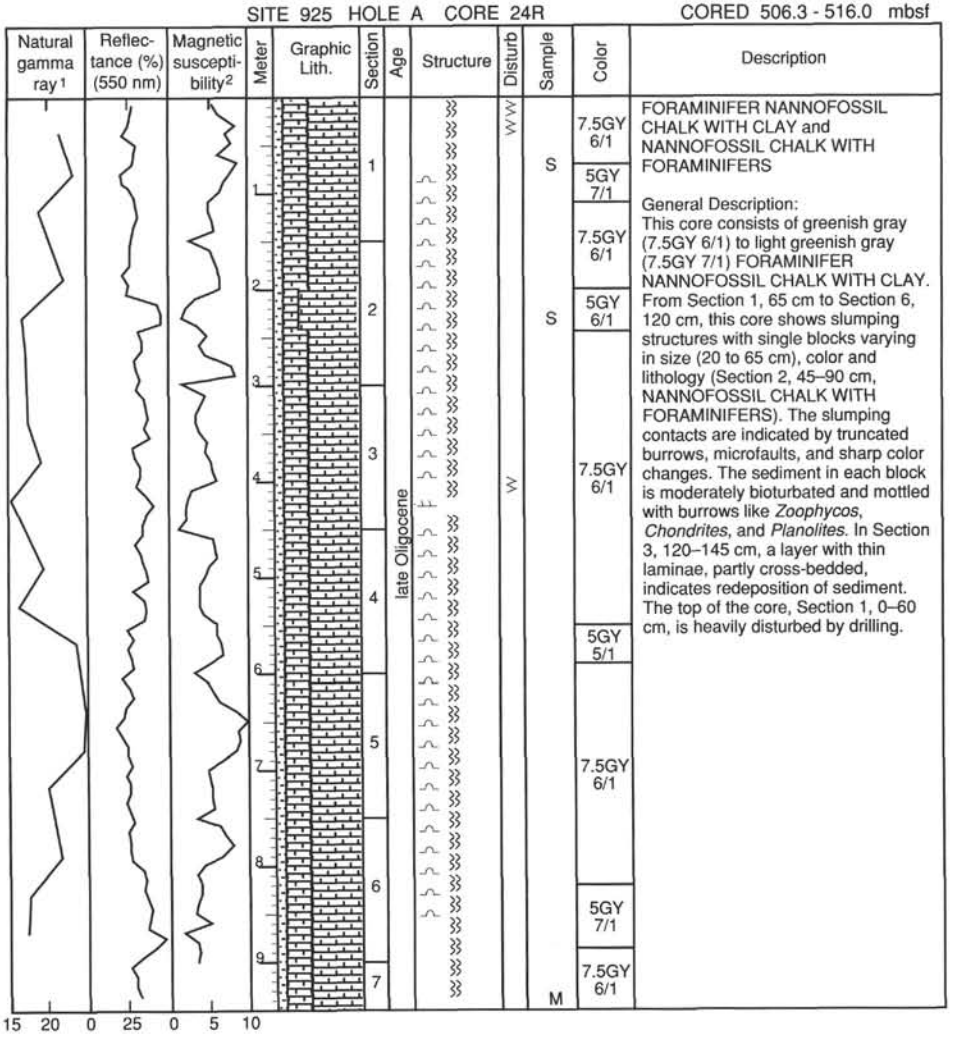
Description

FORAMINIFER NANNOFOSSIL CHALK WITH CLAY AND ZEOLITE

General Description:
This core consists of greenish gray (5GY 5/1) to light greenish gray (7.5GY 6/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY AND ZEOLITES. The core is fractured at numerous levels producing moderate disturbance in Section 1, 0–108 and 122–150 cm, Section 2, 0–35 and 85–115 cm, Section 3, 0–35 cm, Section 4, 20–70, 95–115, and 130–148 cm. There are also very disturbed intervals at Section 1, 110–125 cm, Section 3, 85–150 cm, and Section 4, 0–18 cm. The fractures have well-defined slickensides, but significantly no mud from drilling along them (even though the outsides of the cores are covered by it). Definite evidence for microfaulting is present at Section 2, 100 and 110 cm, and Section 4, 96 cm, within complete block of rock as shown by truncated burrows and abrupt color changes. Contorted bedding and trace fossils are present in Section 4, 94, and 110–120 cm. The whole core is moderately bioturbated with *Zoophycos*, *Chondrites*, and *Planolites* burrows identifiable at many levels.



SITE 925 HOLE A CORE 24R CORED 506.3 - 516.0 mbsf

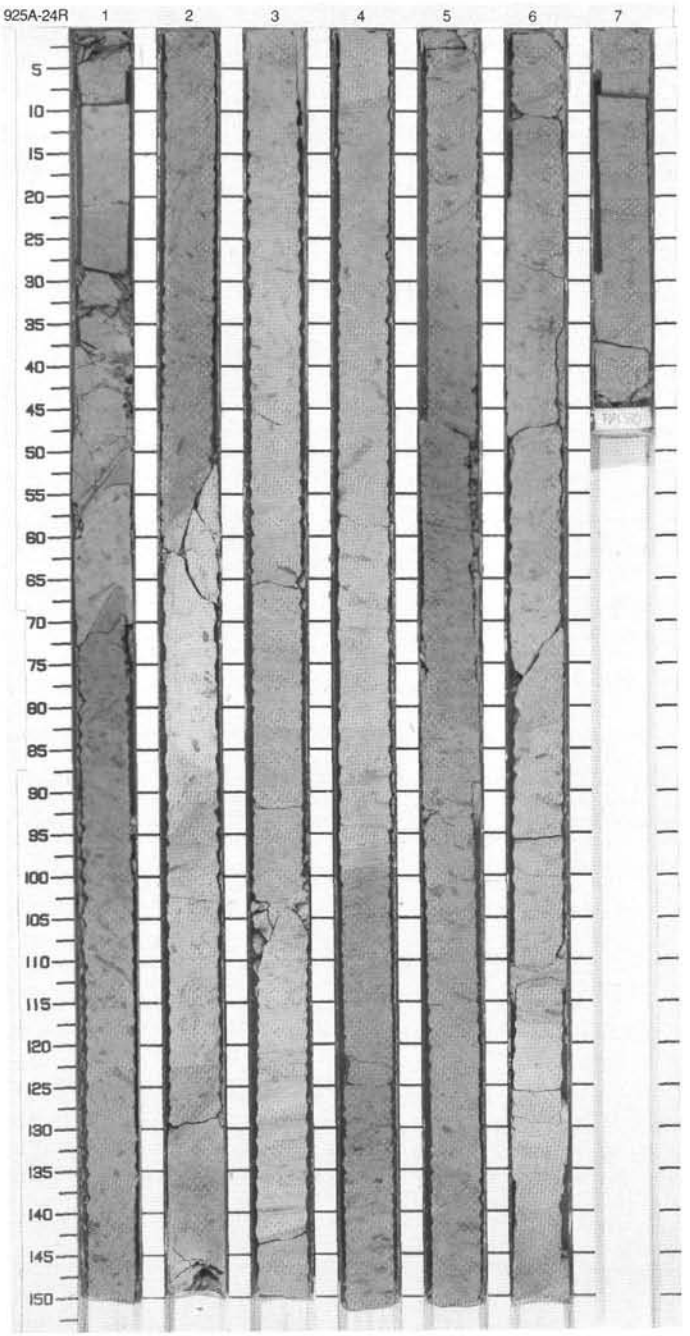


Description

FORAMINIFER NANNOFOSSIL CHALK WITH CLAY and NANNOFOSSIL CHALK WITH FORAMINIFERS

General Description:
This core consists of greenish gray (7.5GY 6/1) to light greenish gray (7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY. From Section 1, 65 cm to Section 6, 120 cm, this core shows slumping structures with single blocks varying in size (20 to 65 cm), color and lithology (Section 2, 45–90 cm, NANNOFOSSIL CHALK WITH FORAMINIFERS). The slumping contacts are indicated by truncated burrows, microfaults, and sharp color changes. The sediment in each block is moderately bioturbated and mottled with burrows like *Zoophycos*, *Chondrites*, and *Planolites*. In Section 3, 120–145 cm, a layer with thin laminae, partly cross-bedded, indicates redeposition of sediment. The top of the core, Section 1, 0–60 cm, is heavily disturbed by drilling.

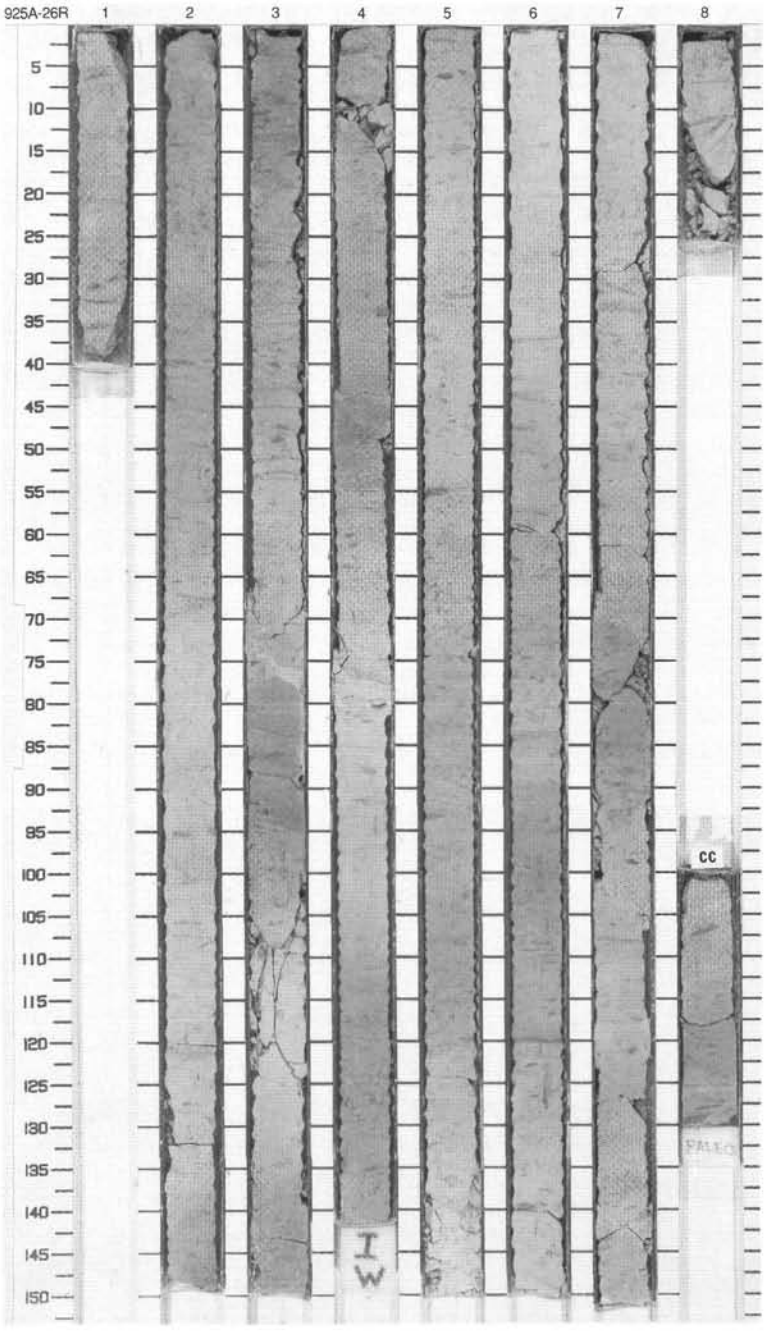
925A 25R NO RECOVERY



SITE 925 HOLE A CORE 26R CORED 525.6 - 535.3 mbsf

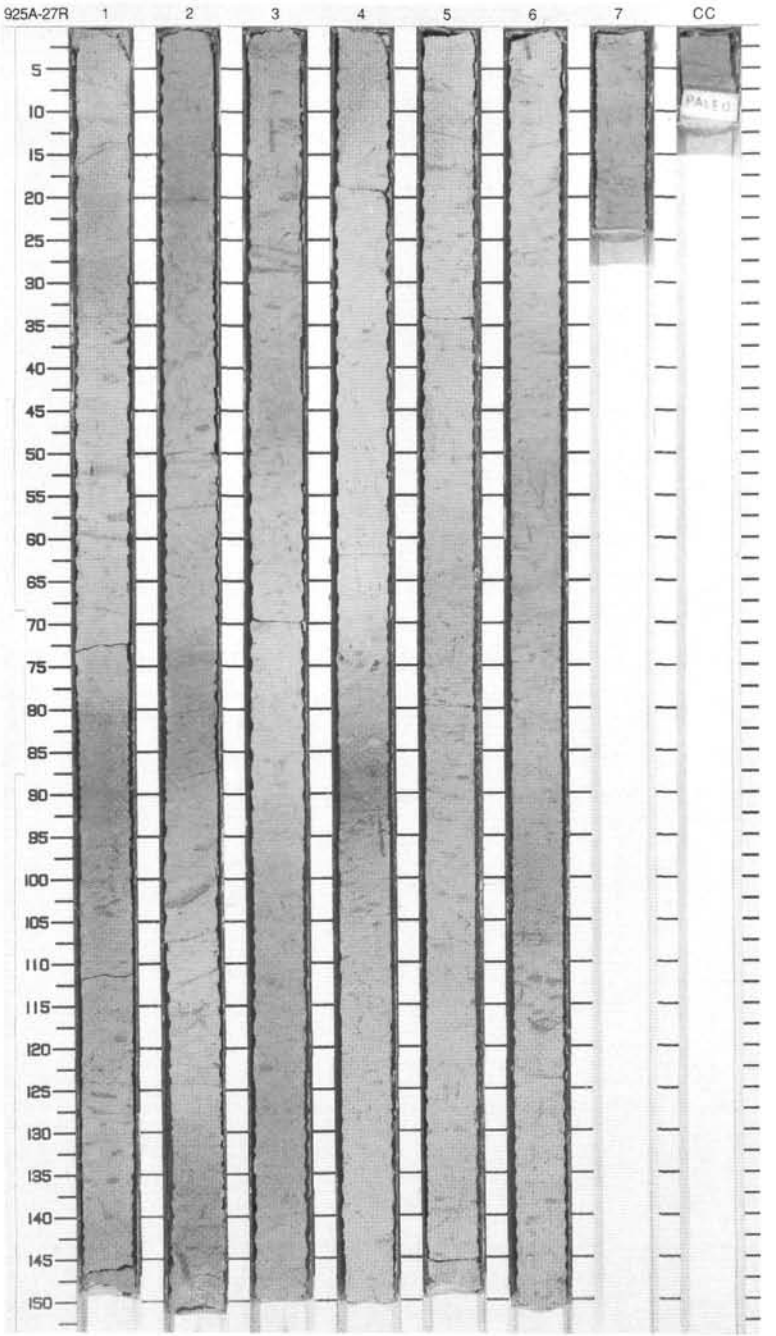
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	late Oligocene				5GY 6/1	FORAMINIFER NANNOFOSSIL CHALK and NANNOFOSSIL CHALK WITH FORAMINIFERS General Description: This core consists of alternating greenish gray (5GY 5/1, 6/1) FORAMINIFER NANNOFOSSIL CHALK and light greenish gray (7.5GY 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS. The core is moderately bioturbated throughout with many horizons of *Zoophycos*, *Chondrites*, and *Planolites*. There is moderate disturbance at a few levels. At Section 3, 82 cm there is a microfault with a 1-mm normal displacement. The sediments contain about 5% zeolite.
										7.5GY 6/1	
					2				S	5GY 6/1	
										7.5GY 6/1	
					3				S	5GY 5/1	
										7.5GY 6/1	
					4					5GY 6/1	
					5				I	7.5GY 6/1	
										5GY 6/1	
					6					7.5GY 6/1	
										5GY 6/1	
					7					7.5GY 6/1	
										5GY 6/1	
					8			W	M		
					CC						

15 20 0 25 0 10 20



SITE 925 HOLE A CORE 27R CORED 535.3 - 544.9 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	−50 0	0 5 10			1	late Oligocene			S	7.5GY 7/1	NANNOFOSSIL CHALK WITH FORAMINIFERS and FORAMINIFER NANNOFOSSIL CHALK
					2				S	7.5GY 6/1	General Description: This core contains interbedded greenish gray (7.5GY 6/1) FORAMINIFER NANNOFOSSIL CHALK and light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS. Both sediment types are moderately bioturbated and mottled with *Zoophycos* burrows. The burrows have often concentric purple halos and are sometimes partially filled with disseminated pyrite.
										7.5GY 7/1	
					3					7.5GY 6/1	
										7.5GY 7/1	
										7.5GY 6/1	
					4				P	7.5GY 7/1	
					5						
					6					7.5GY 6/1	
					7				M	7.5GY 7/1	
					CC						

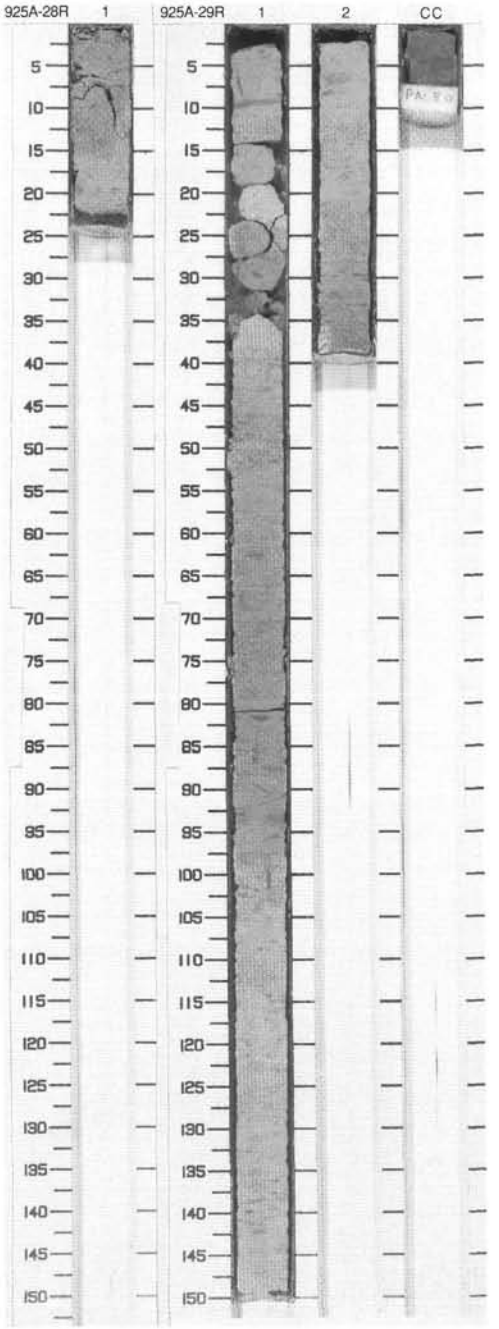


SITE 925 HOLE A CORE 28R CORED 544.9 - 554.6 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
25 30	4 6			1						NANNOFOSSIL CHALK WITH FORAMINIFERS General Description: This core contains greenish gray (7.5GY 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS. The sediment is moderately bioturbated. The biostratigraphic age is late Oligocene.

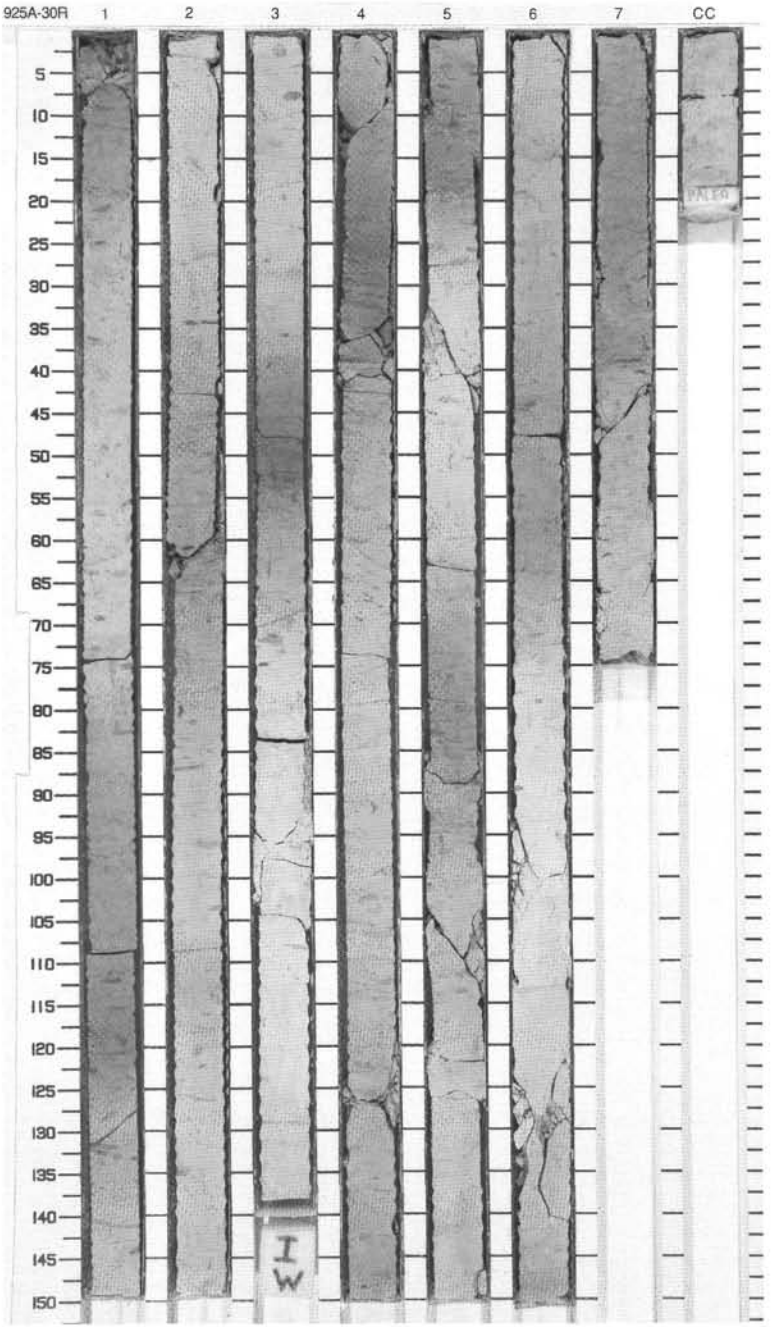
SITE 925 HOLE A CORE 29R CORED 554.6 - 564.2 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	20 30	0 5			1 2 CC				S M	5GY 6/1 To 5GY 5/1	NANNOFOSSIL CHALK General Description: This core contains greenish gray (5GY 5/1, 6/1) NANNOFOSSIL CHALK, moderately bioturbated with a series of cm-size lenticular burrows. The uppermost part in Section 1, 0–35 cm, is heavily disturbed by drilling. The age of the core is late Oligocene.



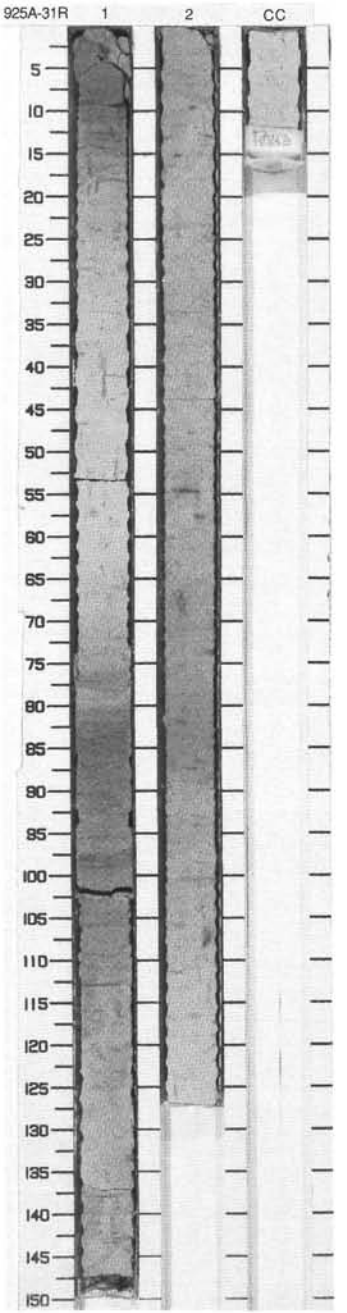
SITE 925 HOLE A CORE 30R CORED 564.2 - 573.8 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10			1	late Oligocene		W	S	7.5GY 7/1	NANNOFOSSIL CHALK WITH CLAY and NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS General Description: In this core a greenish gray (7.5GY 5/1) NANNOFOSSIL CHALK WITH CLAY is regularly alternating with a light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS. Both sediment types are moderately bioturbated and mottled with *Zoophycos* burrows. The burrows have often concentric purple halos and are sometimes partly filled with disseminated pyrite.
										7.5GY 5/1	
										7.5GY 7/1	
										7.5GY 5/1	
					2					7.5GY 7/1	
										7.5GY 5/1	
					3				S	7.5GY 7/1	
										7.5GY 5/1	
					4					7.5GY 7/1	
										7.5GY 5/1	
										7.5GY 7/1	
					5					7.5GY 5/1	
										7.5GY 7/1	
					6					7.5GY 5/1	
										7.5GY 7/1	
					7					7.5GY 5/1	
					CC				M	7.5GY 7/1	



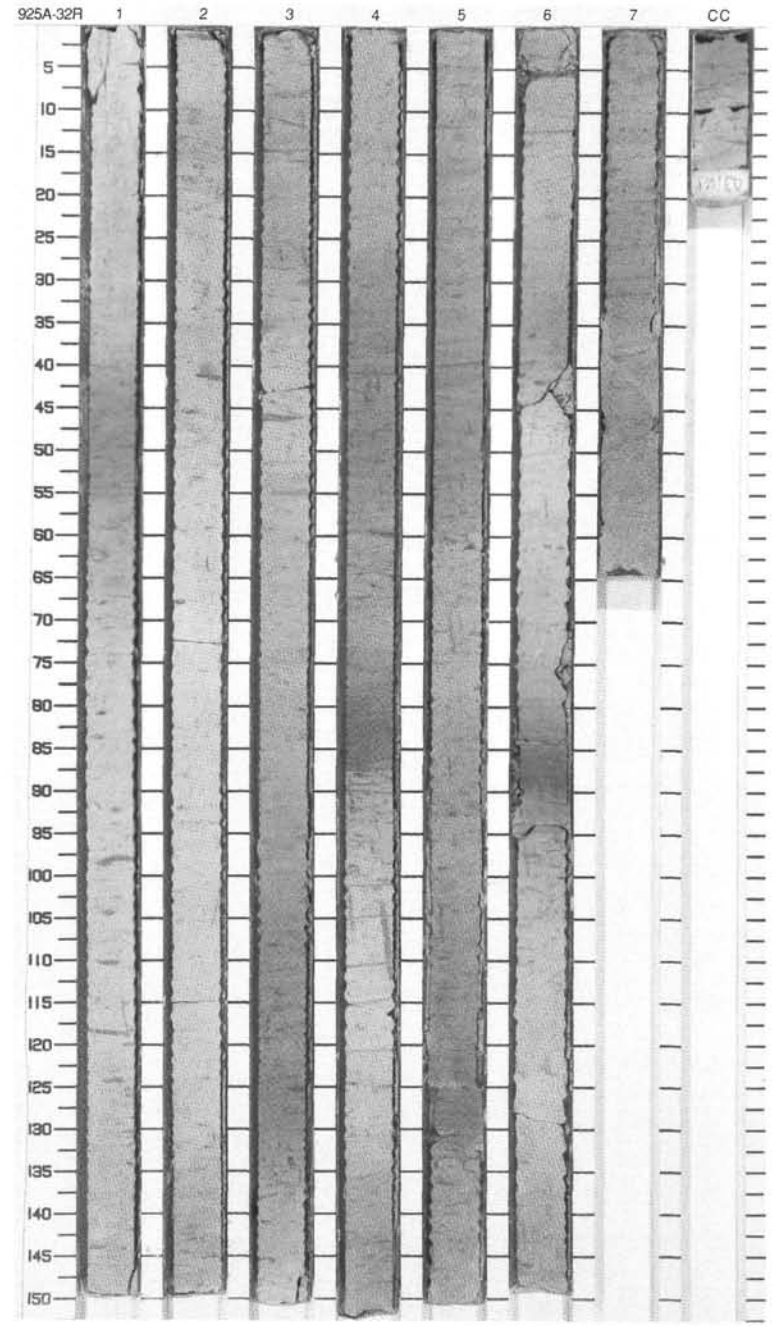
SITE 925 HOLE A CORE 31R CORED 573.8 - 583.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	20 40	0 5 10	1 2		1 2 CC	late Oligocene			S M	7.5GY 7/1; 7.5GY 5/1; 7.5GY 7/1; 7.5GY 5/1; 7.5GY 7/1	NANNOFOSSIL CHALK General Description: This core consists of a NANNOFOSSIL CHALK with alternating greenish gray (7.5GY 5/1) or light greenish gray (7.5GY 7/1) colors. The sediment is moderately bioturbated throughout and mottled with burrows, which sometimes show concentric purple halos and disseminated pyrite.



SITE 925 HOLE A CORE 32R CORED 583.5 - 593.1 mbsf

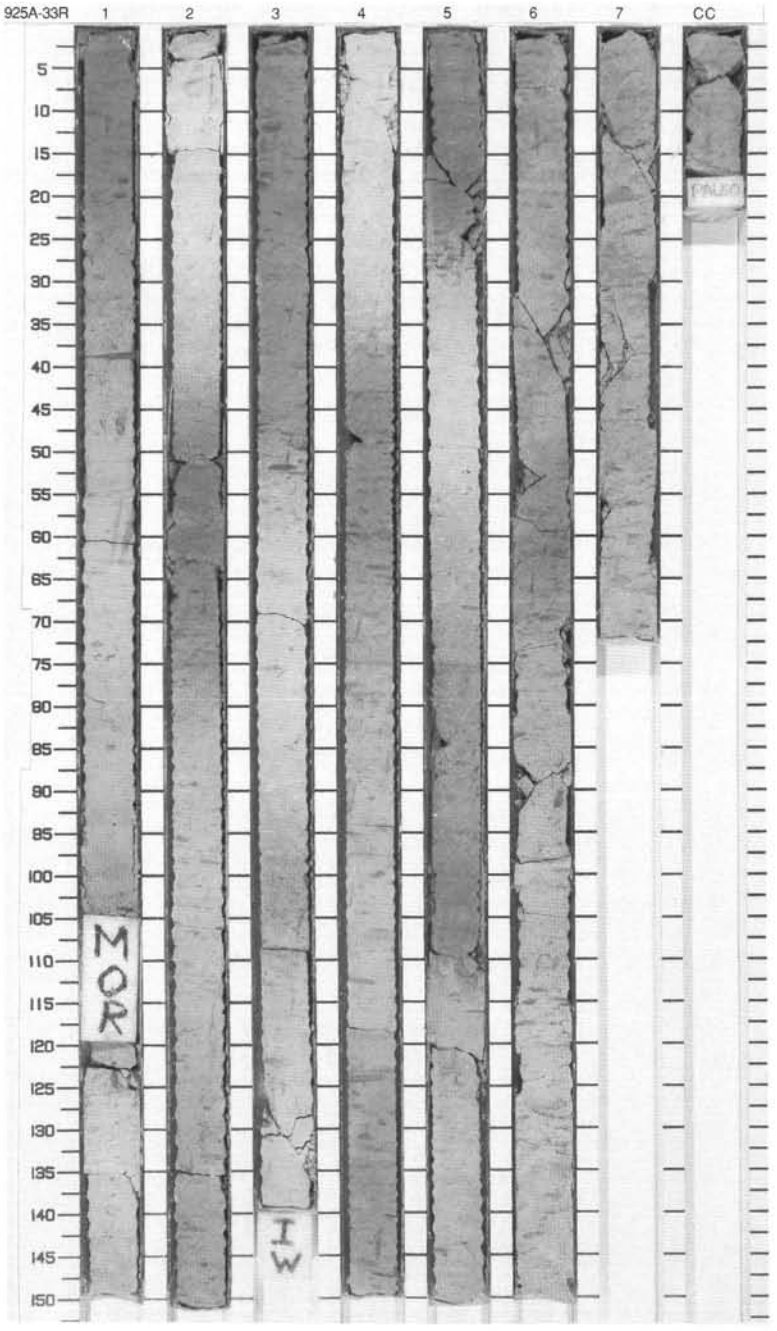
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 10 20			1	late Oligocene			S	7.5GY 7/1	NANNOFOSSIL CHALK WITH CLAY
										7.5GY 5/1	
										7.5GY 7/1	General Description:
										7.5GY 6/1	This core consists of NANNOFOSSIL CHALK WITH CLAY with alternating colors of greenish gray (7.5GY 5/1, 6/1) and light greenish gray (7.5GY 7/1). The sediment is moderately bioturbated throughout and mottled with *Zoophycos* burrows. Some burrows are surrounded with purple halos, others contain partially disseminated pyrite.
					2				S	7.5GY 7/1	
					3					7.5GY 6/1	
										7.5GY 5/1	
										7.5GY 7/1	
					4					7.5GY 6/1	
										7.5GY 7/1	
					5					7.5GY 6/1 To 7.5GY 5/1	
										7.5GY 6/1	
					6					7.5GY 7/1	
					7				M	7.5GY 6/1	
					CC						



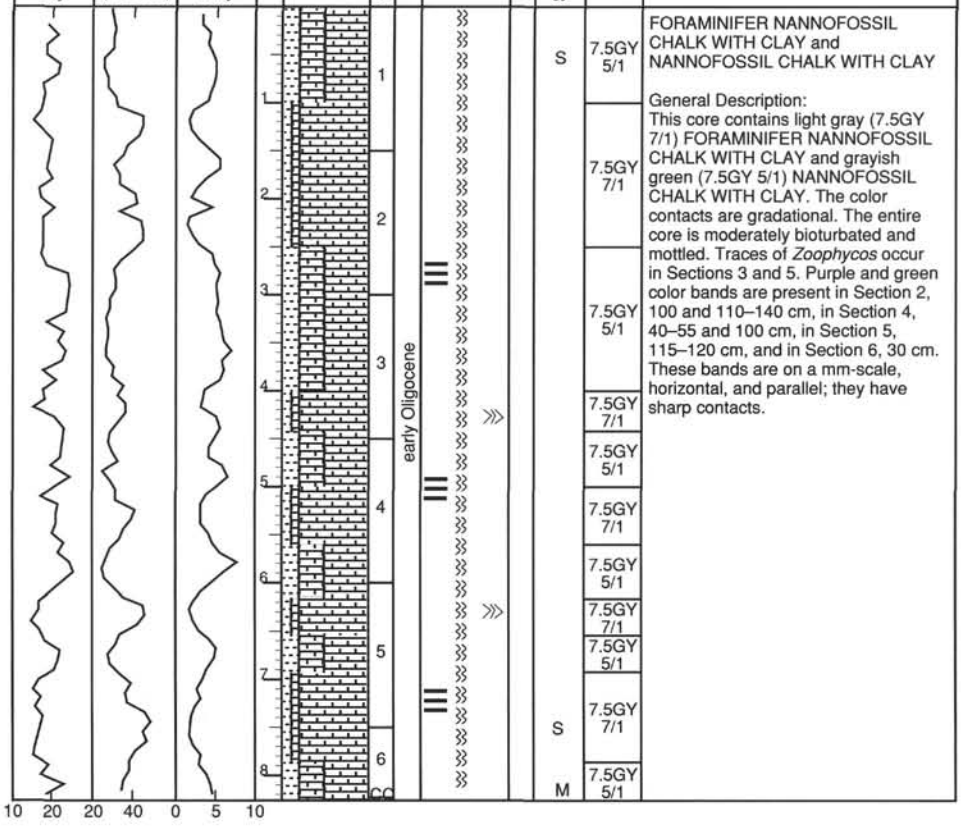
SITE 925 HOLE A CORE 33R CORED 593.1 - 602.8 mbsf

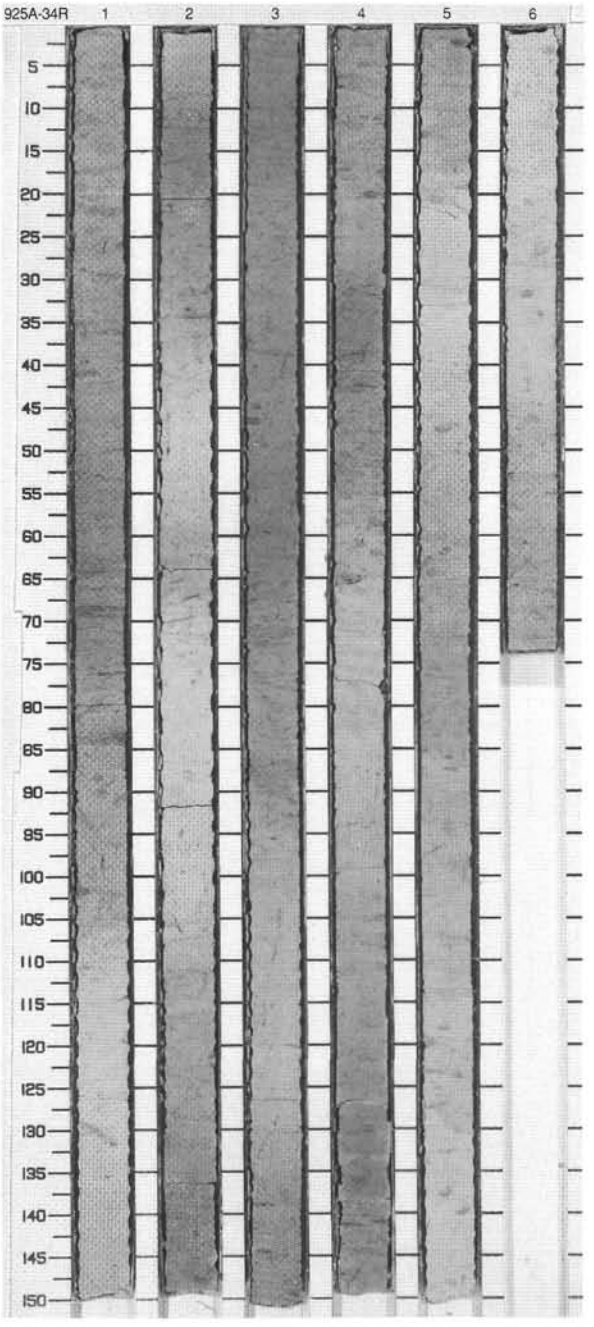
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	late Oligocene			P	7.5GY 5/1	NANNOFOSSIL CHALK and NANNOFOSSIL CHALK WITH CLAY General Description: This core consists of a light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK, alternating with a greenish gray (7.5GY 5/1, 6/1) NANNOFOSSIL CHALK WITH CLAY. Both sediment types are moderately bioturbated and mottled with *Zoophycos* burrows. Some burrows show concentric purple halos; others contain partially disseminated pyrite.
										7.5GY 6/1	
										7.5GY 5/1	
					2				S	7.5GY 7/1	
										7.5GY 5/1	
										7.5GY 7/1	
										7.5GY 6/1	
					3					7.5GY 5/1	
									I	7.5GY 7/1	
					4				S	7.5GY 5/1	
										7.5GY 6/1	
					5					7.5GY 7/1	
										7.5GY 5/1	
										7.5GY 7/1	
					6					7.5GY 6/1	
					7						
					CC				M		

0 20 20 40 0 10 20



SITE 925 HOLE A CORE 34R CORED 602.8 - 612.4 mbsf

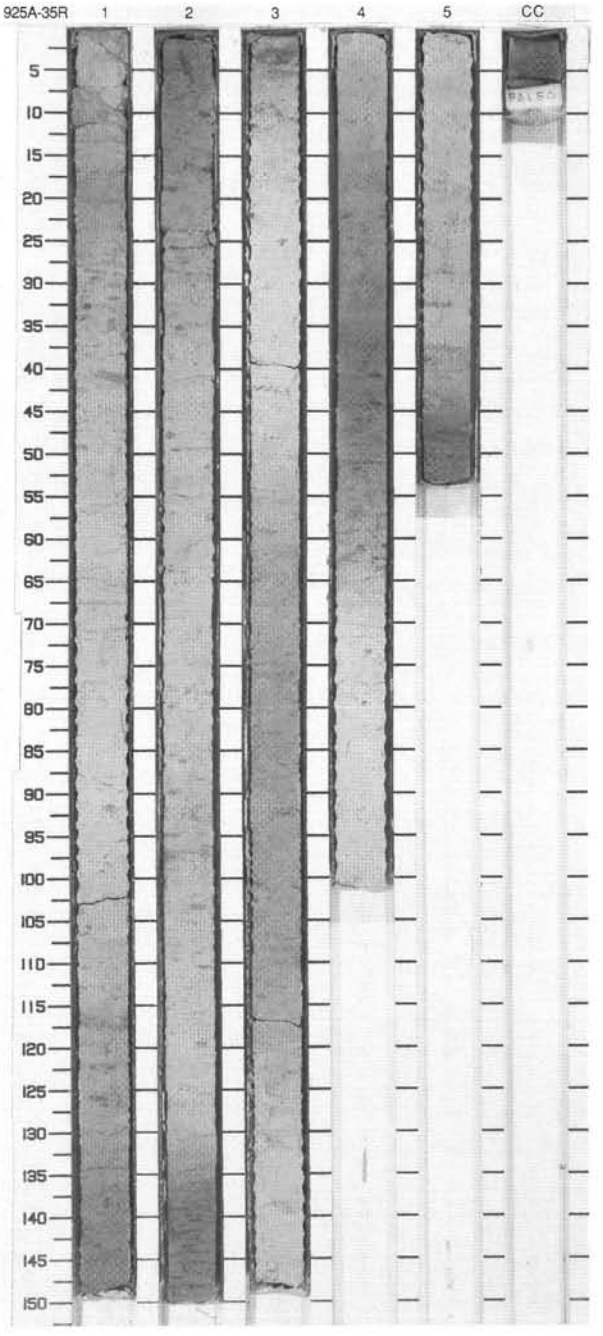




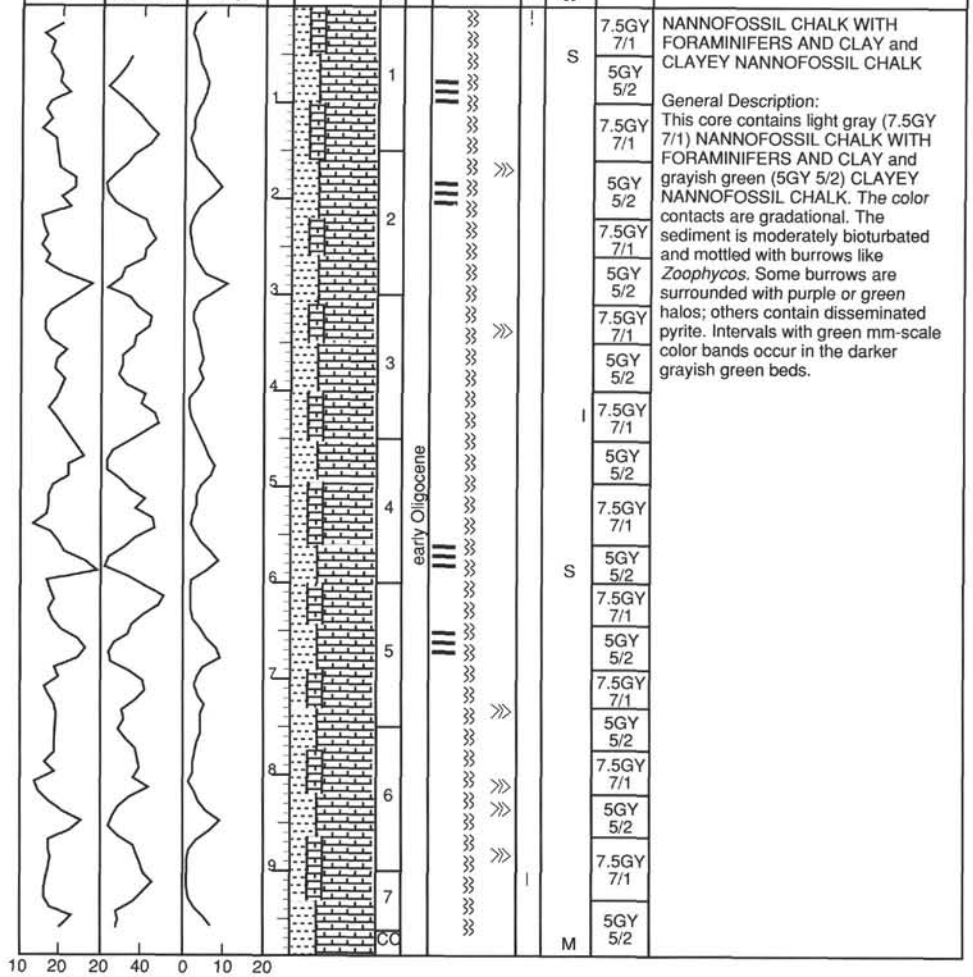
SITE 925 HOLE A CORE 35R CORED 612.4 - 622.1 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	early Oligocene			S	7.5GY 6/1	NANNOFOSSIL CHALK WITH FORAMINIFERS and NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY General Description: This core contains light gray (7.5GY 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS and grayish green (7.5GY 4/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY. The color contacts are gradational. The sediment is moderately bioturbated throughout and mottled with burrows like *Zoophycos*. Some burrows are surrounded with purple halos or contain partially disseminated pyrite. An interval of mm-scale, green laminae occurs in Section 4, 32–48 cm.
										7.5GY 4/1	
					2					7.5GY 6/1	
										7.5GY 4/1	
					3					7.5GY 6/1	
									S	7.5GY 4/1	
										7.5GY 6/1	
					4					7.5GY 4/1	
										7.5GY 6/1	
					5					7.5GY 4/1	
					CC				M		

10 20 20 40 0 5 10



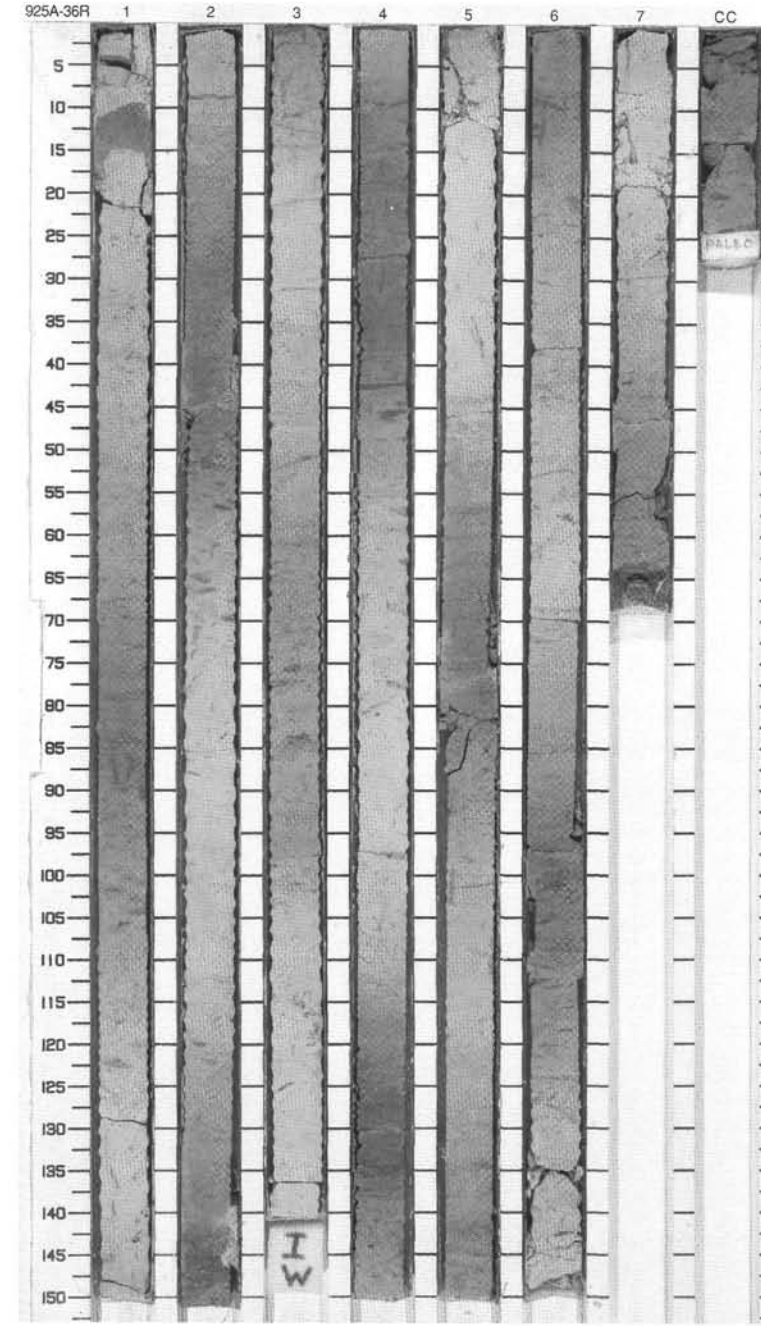
SITE 925 HOLE A CORE 36R CORED 622.1 - 631.7 mbsf



NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and CLAYEY NANNOFOSSIL CHALK

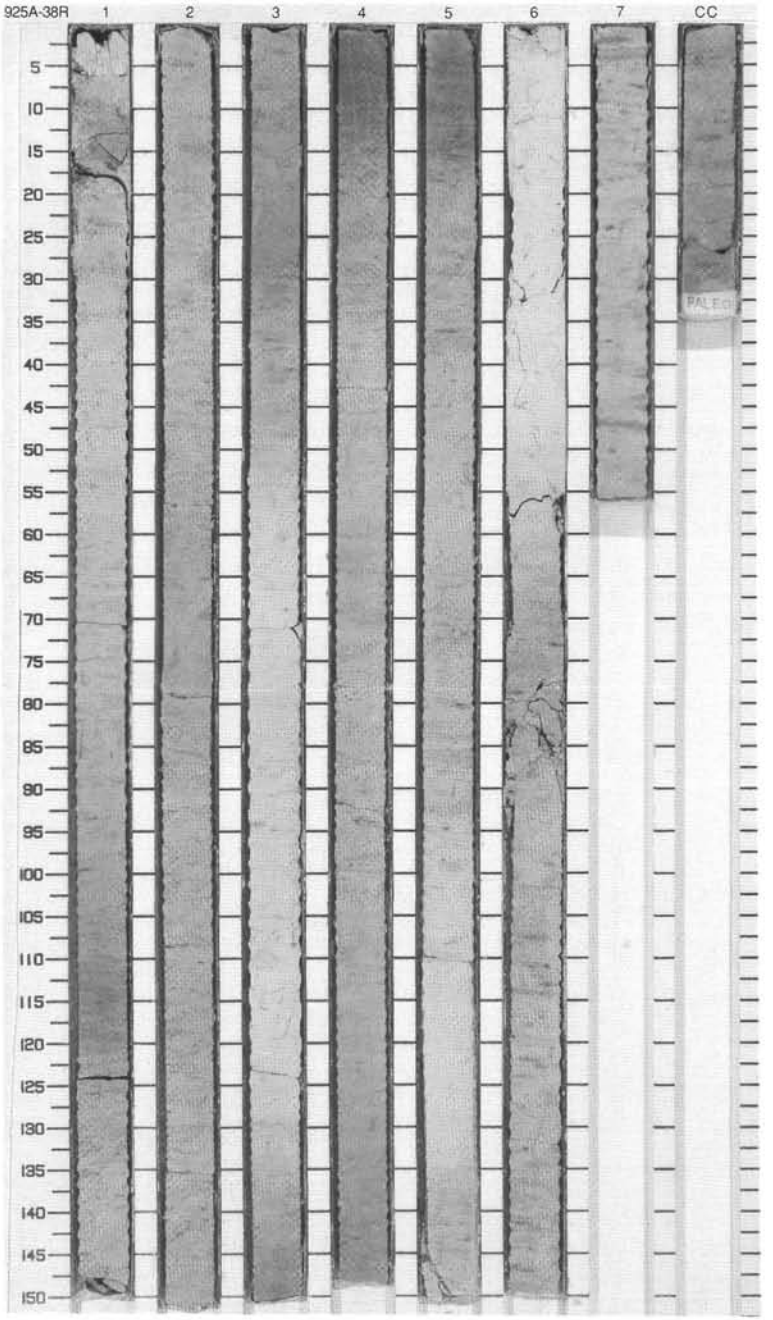
General Description:
This core contains light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and grayish green (5GY 5/2) CLAYEY NANNOFOSSIL CHALK. The color contacts are gradational. The sediment is moderately bioturbated and mottled with burrows like *Zoophycos*. Some burrows are surrounded with purple or green halos; others contain disseminated pyrite. Intervals with green mm-scale color bands occur in the darker grayish green beds.

925A 37R NO RECOVERY



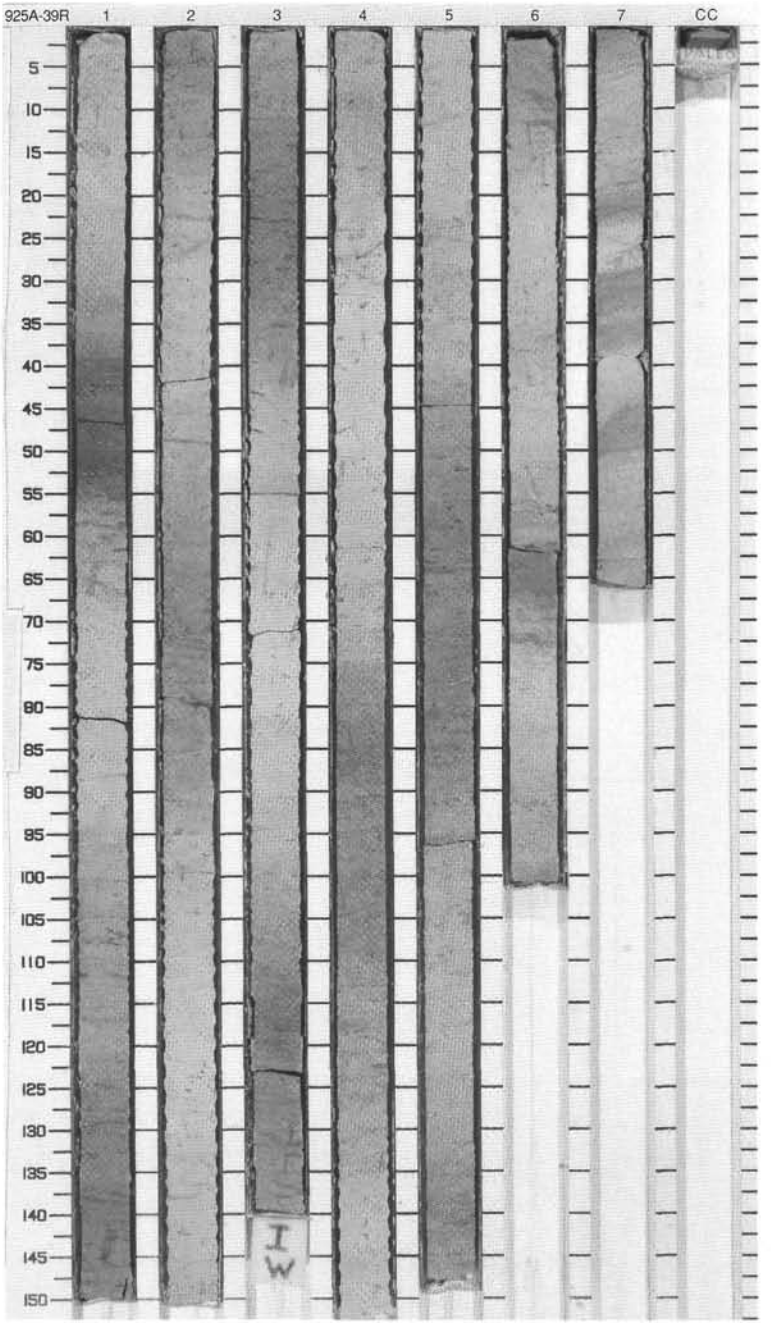
SITE 925 HOLE A CORE 38R CORED 641.4 - 651.1 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 50	0 5 10	1–9		1–7, CC	early Oligocene		!	S, S, M	5GY 8/1; 5GY 5/1; 5GY 8/1; 5GY 5/1; 5GY 8/1; 5GY 5/1; 5GY 8/1; 5GY 5/1; 5GY 8/1; 5GY 5/1	NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and CLAYEY NANNOFOSSIL CHALK General Description: This core contains light gray (5GY 8/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and grayish green (5GY 5/1) CLAYEY NANNOFOSSIL CHALK. Color contacts are gradational. The sediment is moderately bioturbated and mottled with *Zoophycos* burrows. Some burrows are surrounded with purple or green halos, and others contain disseminated pyrite. Intervals with green mm-scale color bands occur in the darker grayish green beds.



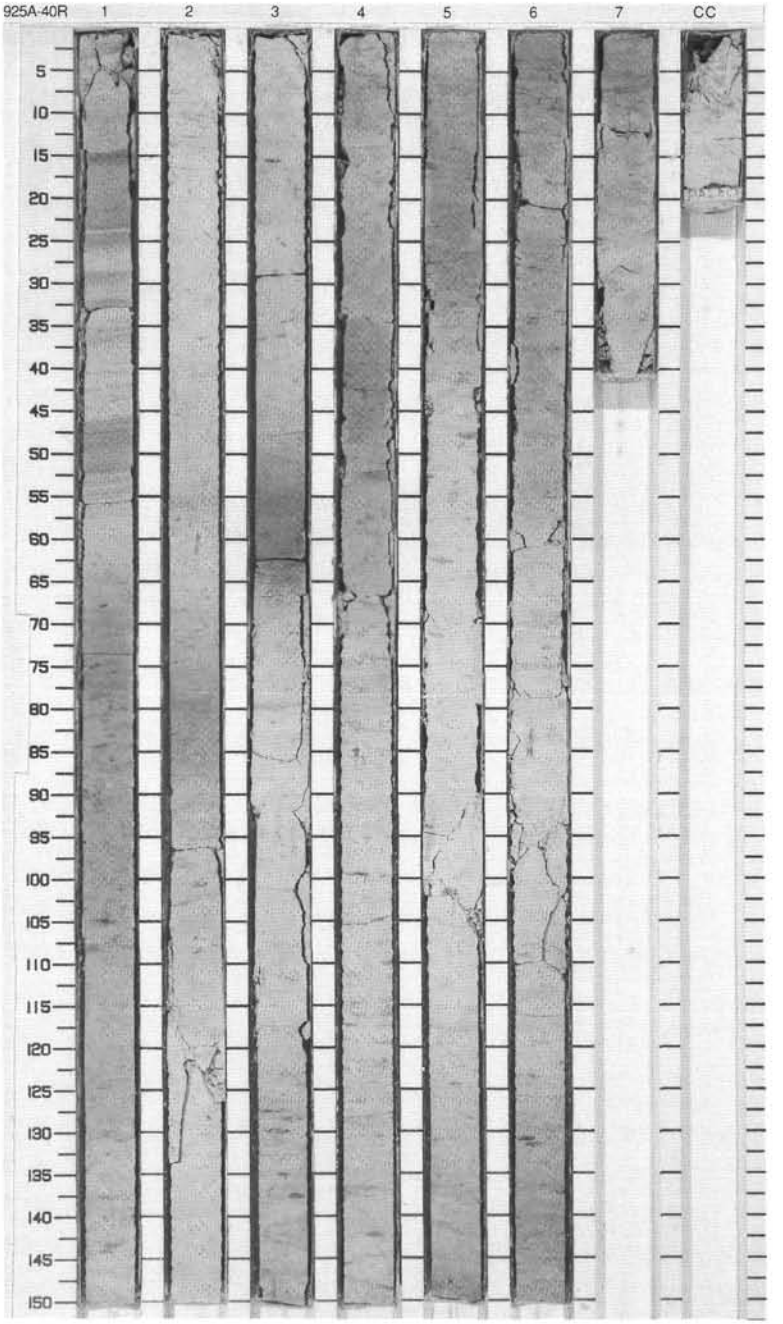
SITE 925 HOLE A CORE 39R CORED 651.1 - 660.8 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10	1–9		1–7, CC	early Oligocene			S / I / M	7.5GY 7/1; 5GY 5/1; 7.5GY 7/1; 5GY 5/1; 7.5GY 7/1; 5GY 5/1; 7.5GY 7/1; 5GY 5/1; 7.5GY 7/1; 5GY 5/1; 7.5GY 7/1; 5GY 5/1; 7.5GY 7/1	NANNOFOSSIL CHALK WITH FORAMINIFERS and CLAYEY NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS General Description: This core contains alternating beds of light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS and grayish green (5GY 5/1) CLAYEY NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS. The sediment is moderately bioturbated and mottled with traces of *Zoophycos*. The burrows often have concentric purple halos partly filled with disseminated pyrite. Green mm-scale color bands occur predominantly in the darker beds. From Section 6, 90 cm to the base of the core there are several darker intervals with fine wavy laminae and lesser bioturbation, some of which contain macrofaults. This indicates a slump deposit.

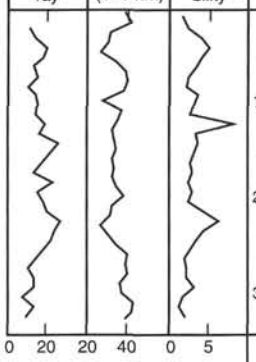


SITE 925 HOLE A CORE 40R CORED 660.8 - 670.4 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	early Oligocene			S	5GY 6/1	NANNOFOSSIL CHALK WITH CLAY and CLAYEY NANNOFOSSIL CHALK General Description: This core contains alternating beds of light green (5GY 6/1) NANNOFOSSIL CHALK WITH CLAY and grayish green (5GY 5/1) CLAYEY NANNOFOSSIL CHALK. The sediments are moderately bioturbated thoughout, except for Section 1, 0–58 cm. *Zoophycos* traces are common and burrows are often ringed with purple halos or partly filled with disseminated pyrite. Section 1, 0–58 cm is banded on the cm scale and contains mm-scale wavy laminations. A scoured contact occurs at 14 cm, and macrofaulting occurs at 30 cm.
										5GY 5/1	
					2					5GY 6/1	
										5GY 5/1	
					3					5GY 6/1	
										5GY 5/1	
					4					5GY 6/1	
										5GY 5/1	
					5					5GY 6/1	
										5GY 5/1	
					6					5GY 6/1	
										5GY 5/1	
					7					5GY 6/1	
					CC				M		
10 20	20 40	0 5 10									

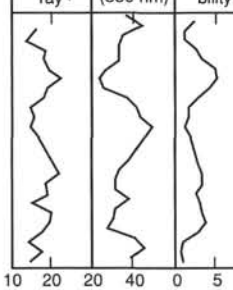


SITE 925 HOLE A CORE 41R CORED 670.4 - 680.1 mbsf

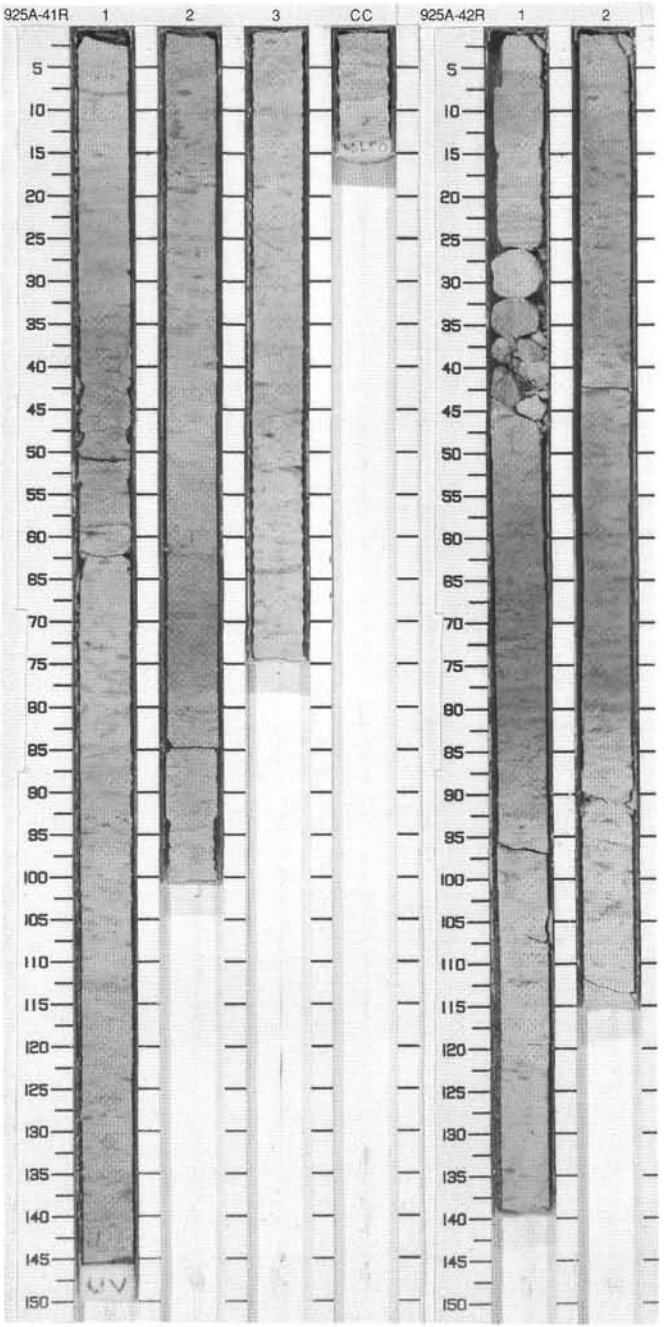


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Oligocene	P		S	7.5GY 7/1	NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS and CLAYEY NANNOFOSSIL CHALK
							5GY 5/1	
							7.5GY 7/1	General Description: This core contains light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CALCAREOUS FRAGMENTS and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL CHALK in alternating zones with gradational contacts. The entire core is moderately bioturbated and mottled, with discrete *Zoophycos* trace fossils occuring in Section 2, 10 and 82 cm and in Section 3, 30–35 cm. Small grains of pyrite occur throughout the core, with larger formations in Section 1, 58–62 cm, and Section 2, 10–18 cm. Thin dark green color bands occur in Section 1, 82 cm, and gradational banding occurs in the darker sections, most notably in Section 2, 70–80 cm.
2		2		P			5GY 5/1	
						S	7.5GY 7/1	
3		3						
		CC				M		

SITE 925 HOLE A CORE 42R CORED 680.1 - 683.1 mbsf

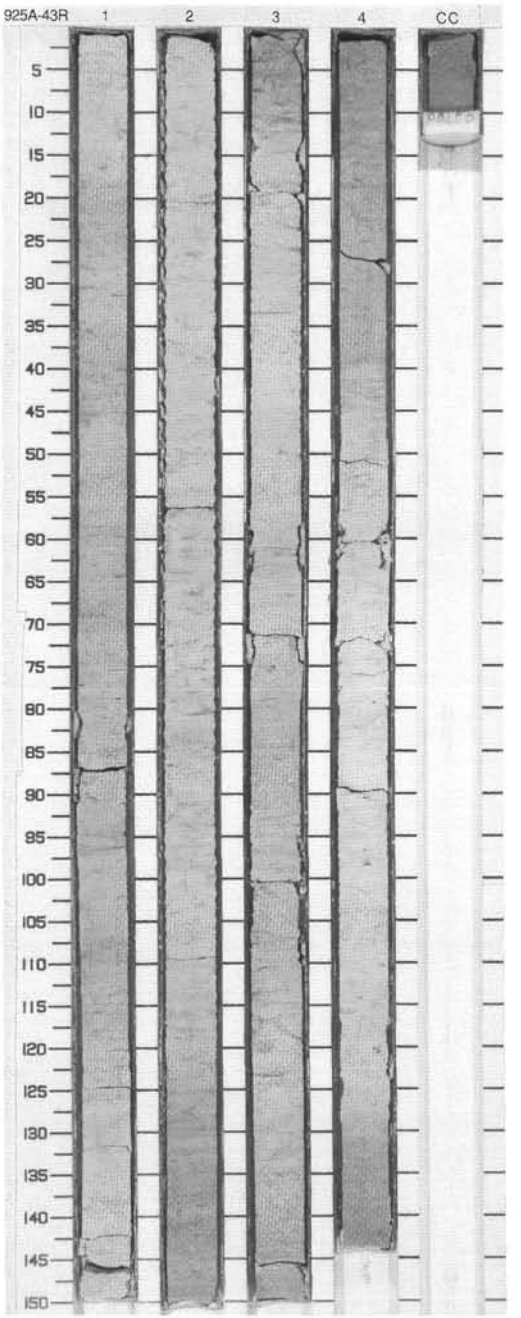


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Oligocene		W	S	7.5GY 5/1 To 7.5GY 7/1	NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and CLAYEY NANNOFOSSIL CHALK
						S	7.5GY 7/1	General Description: This core consists of light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS and grayish green (7.5GY 5/1) CLAYEY NANNOFOSSIL CHALK. The sediment is moderately bioturbated and mottled. An interval of alternating ungraded color beds (cm scale), which have scoured sharp contacts that include flame-shaped purple and yellowish brown color bands (mm scale), occur in Section 1, 0–25 cm. This deposit is interpreted as a turbidite.
2		2				I	7.5GY 5/1	
		CC				M	7.5GY 7/1	

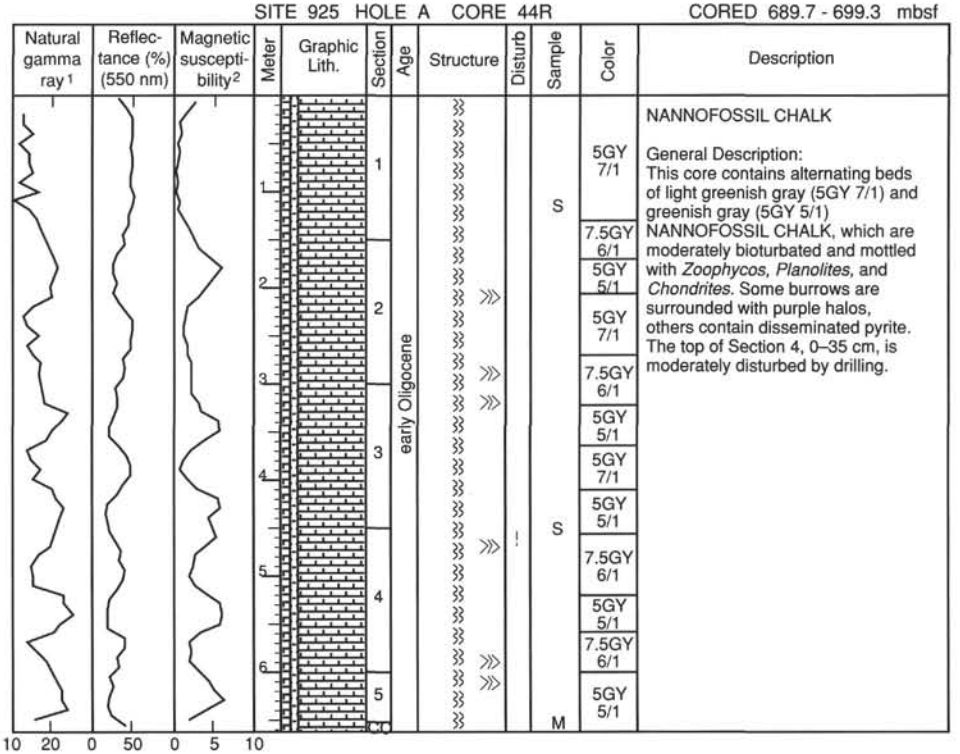


SITE 925 HOLE A CORE 43R CORED 683.1 - 689.7 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	20 40	0 5 10	1–6, CC		1–4	early Oligocene			S, S, M	7.5GY 7/1; 5GY 4/1; 7.5GY 7/1; 5GY 4/1; 7.5GY 7/1; 5GY 4/1; 7.5GY 7/1; 5GY 4/1	NANNOFOSSIL CHALK WITH CLAY and CLAYEY NANNOFOSSIL CHALK General Description: This core contains alternating beds of light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY and grayish green (5GY 4/1) CLAYEY NANNOFOSSIL CHALK, which are moderately bioturbated and mottled. Some burrows have purple halos, and others contain disseminated pyrite. Intervals with green, mm-scale color bands occur in Section 2, 130 cm to Section 3, 10 cm, and in Section 3, 145–150 cm.

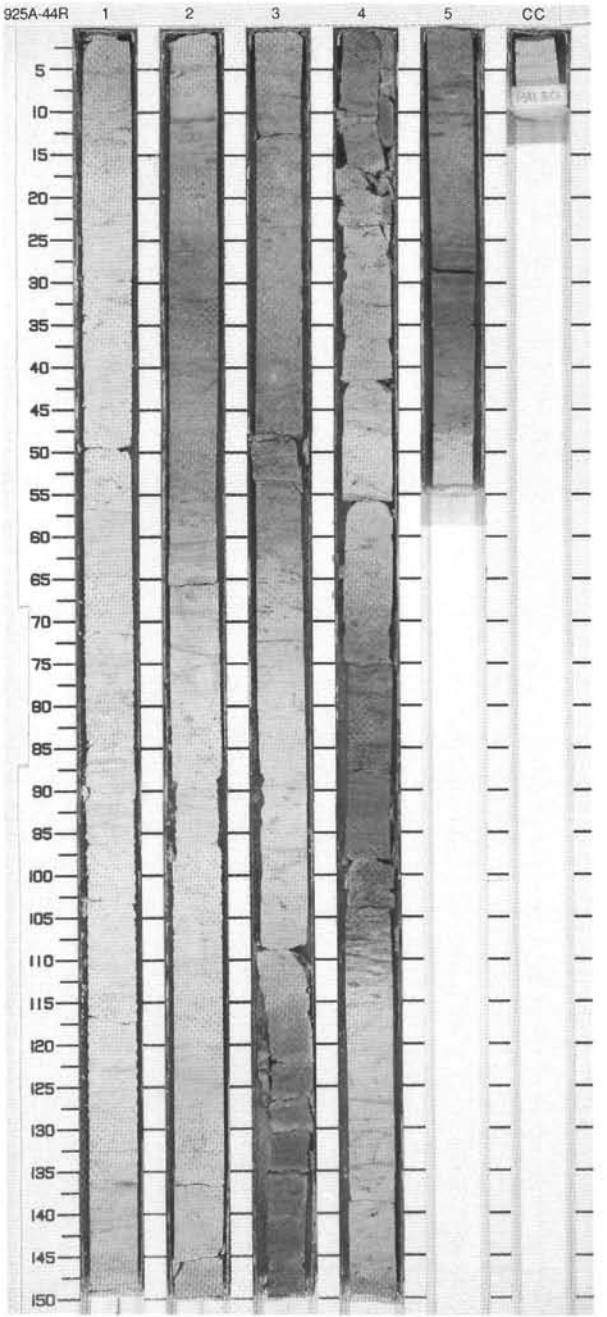


SITE 925 HOLE A CORE 44R CORED 689.7 - 699.3 mbsf



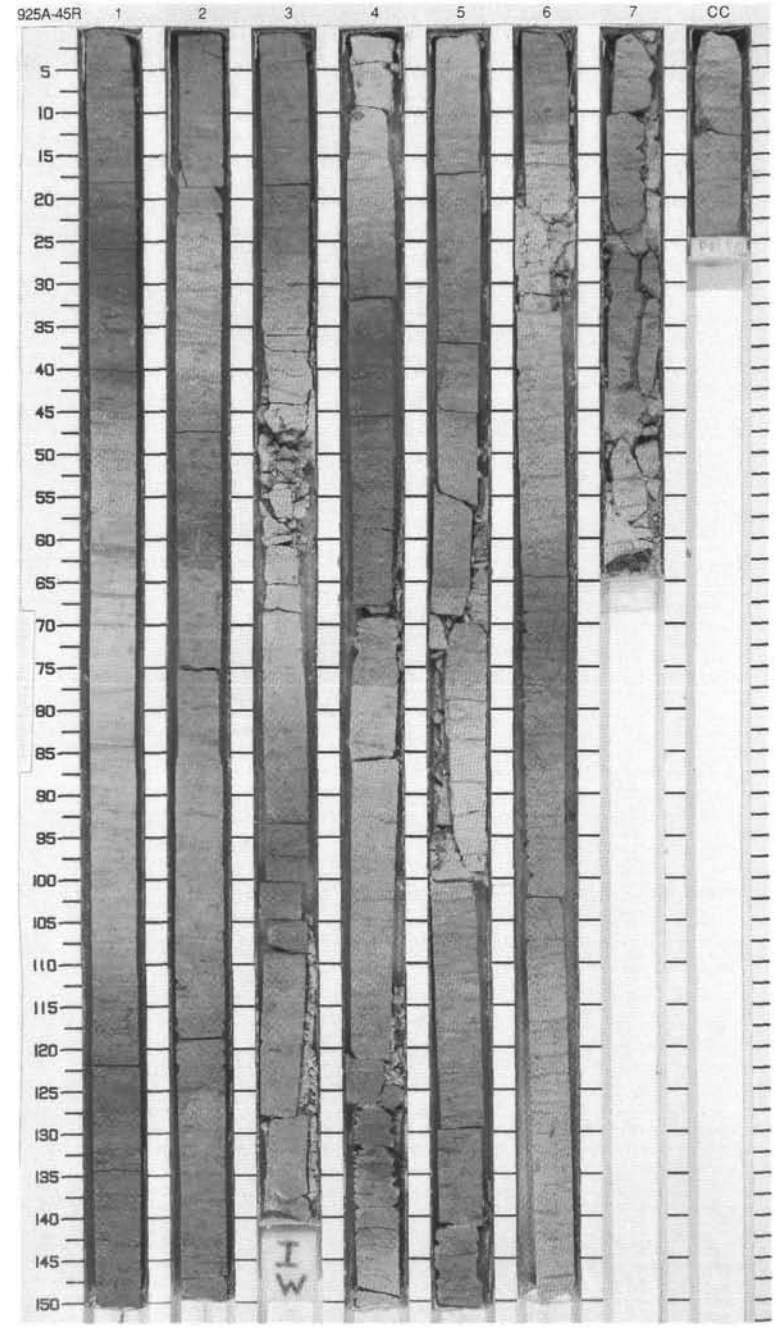
NANNOFOSSIL CHALK

General Description:
This core contains alternating beds of light greenish gray (5GY 7/1) and greenish gray (5GY 5/1) NANNOFOSSIL CHALK, which are moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites*. Some burrows are surrounded with purple halos, others contain disseminated pyrite. The top of Section 4, 0–35 cm, is moderately disturbed by drilling.

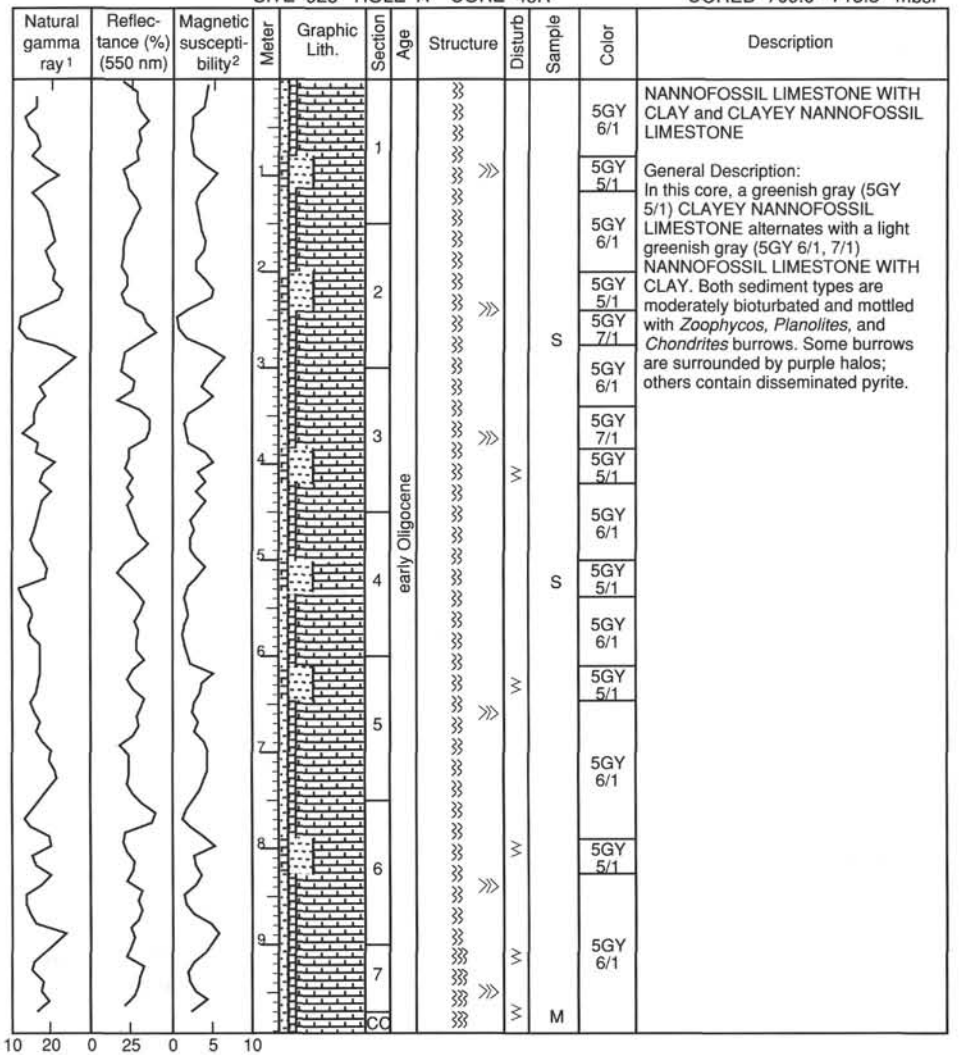


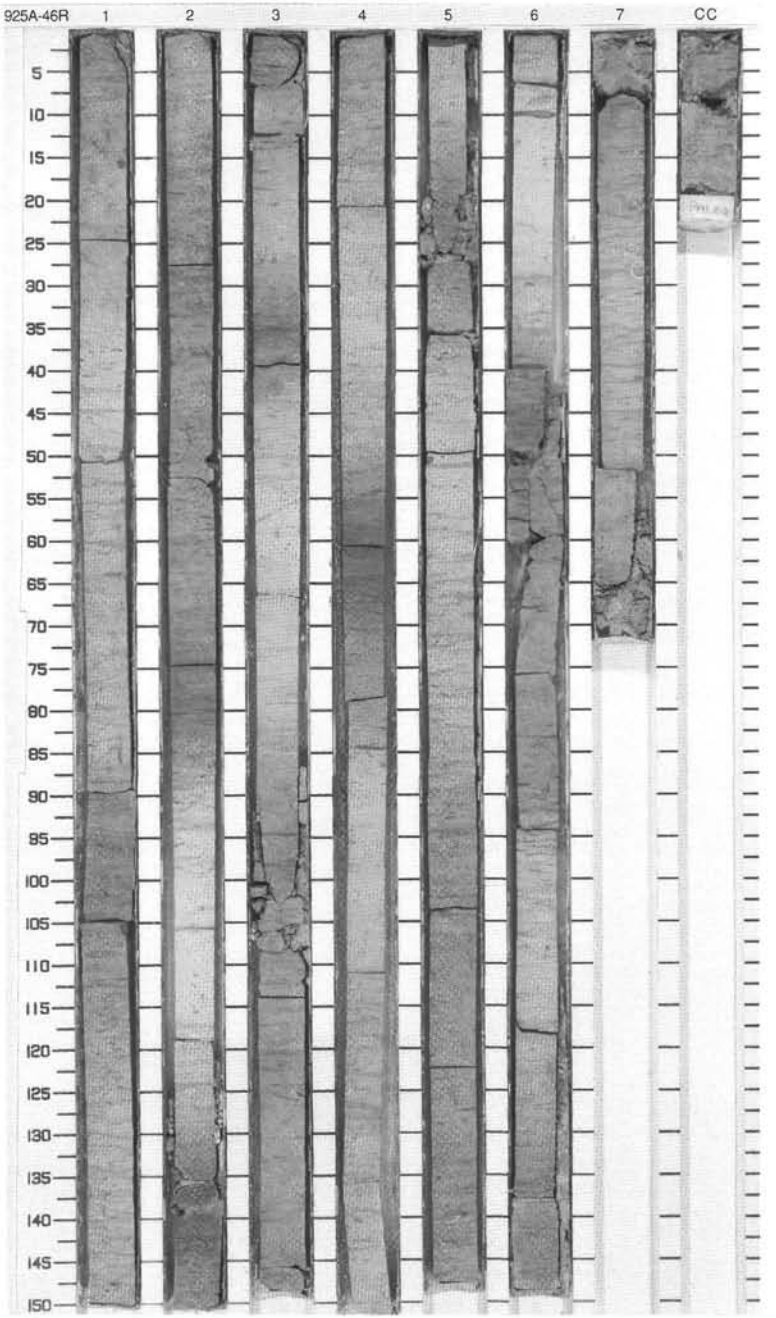
SITE 925 HOLE A CORE 45R CORED 699.3 - 709.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10			1	early Oligocene			S	5GY 4/6	NANNOFOSSIL CHALK WITH CLAY and CLAYEY NANNOFOSSIL CHALK
										5GY 7/1	General Description: In this core a greenish gray (5GY 4/1) CLAYEY NANNOFOSSIL CHALK is alternating with a light greenish gray (5GY 6/1, 7/1) NANNOFOSSIL CHALK WITH CLAY. Both sediment types are moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite.
										5GY 4/1	
					2					5GY 6/1	
										5GY 4/1	
										5GY 6/1	
					3					5GY 7/1	
										5GY 4/1	
									I	5GY 6/1	
					4				S	5GY 4/1	
										5GY 6/1	
										5GY 4/1	
					5					5GY 6/1	
										5GY 7/1	
					6					5GY 4/1	
										5GY 6/1	
					7					5GY 4/1	
					CC				M		



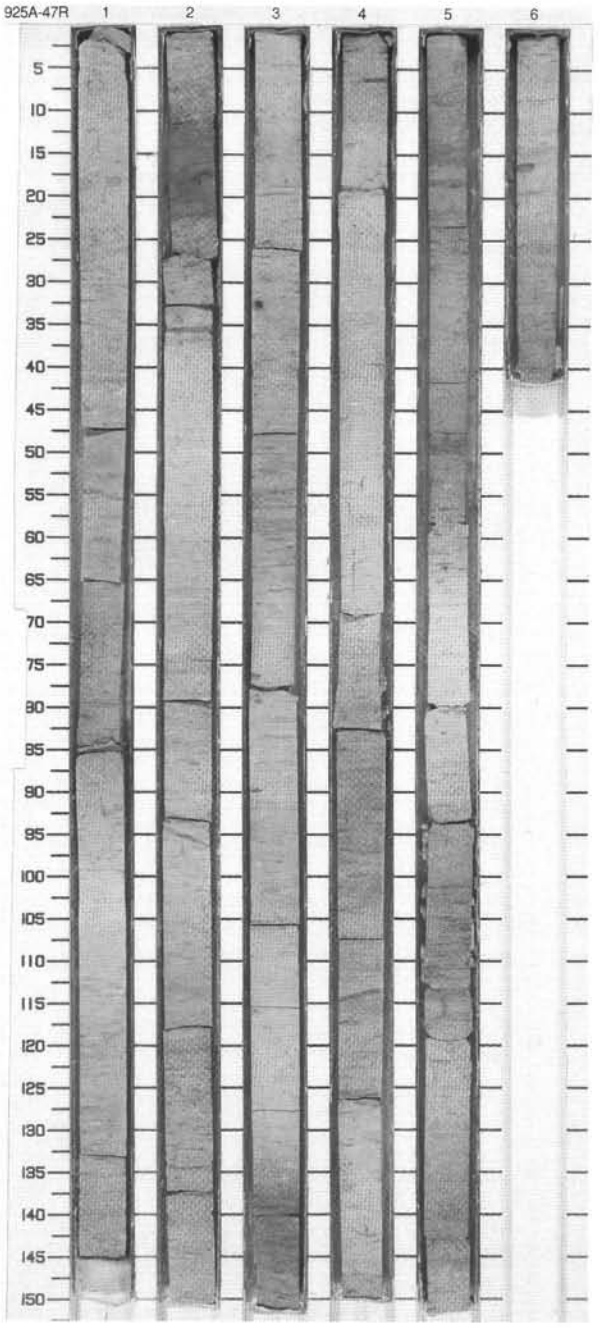
SITE 925 HOLE A CORE 46R CORED 709.0 - 718.3 mbsf



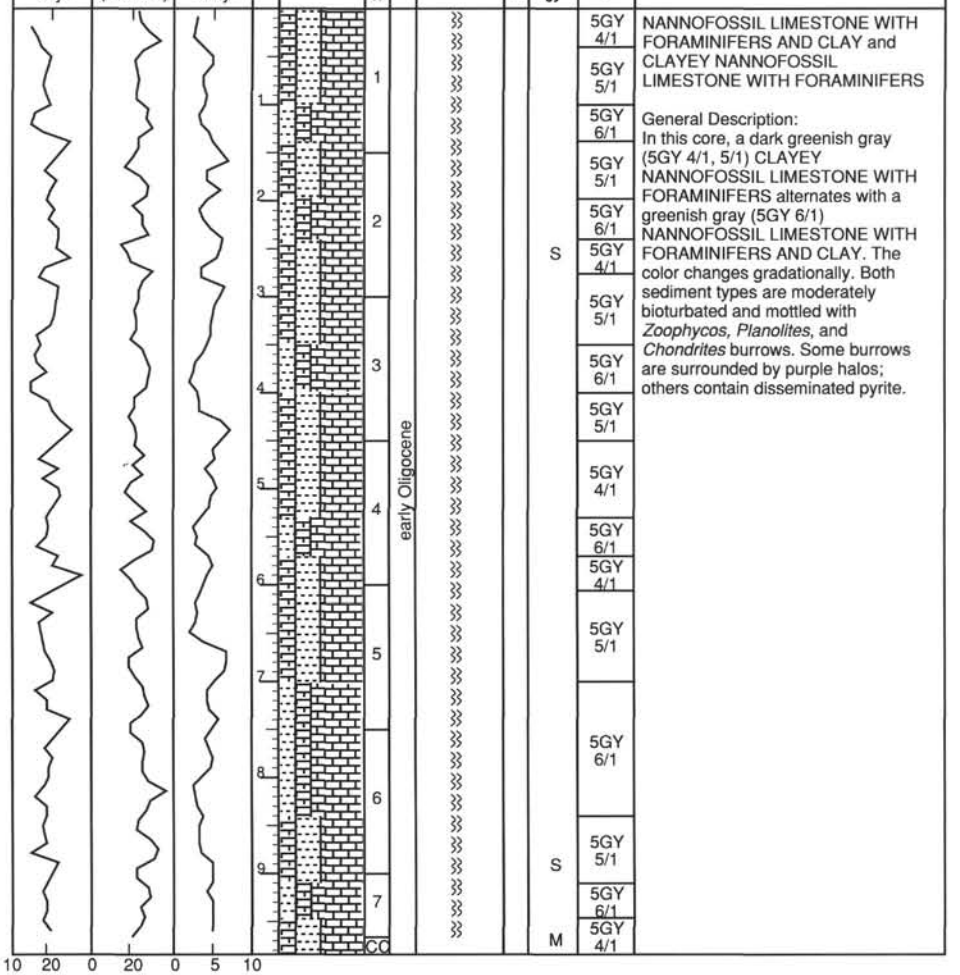


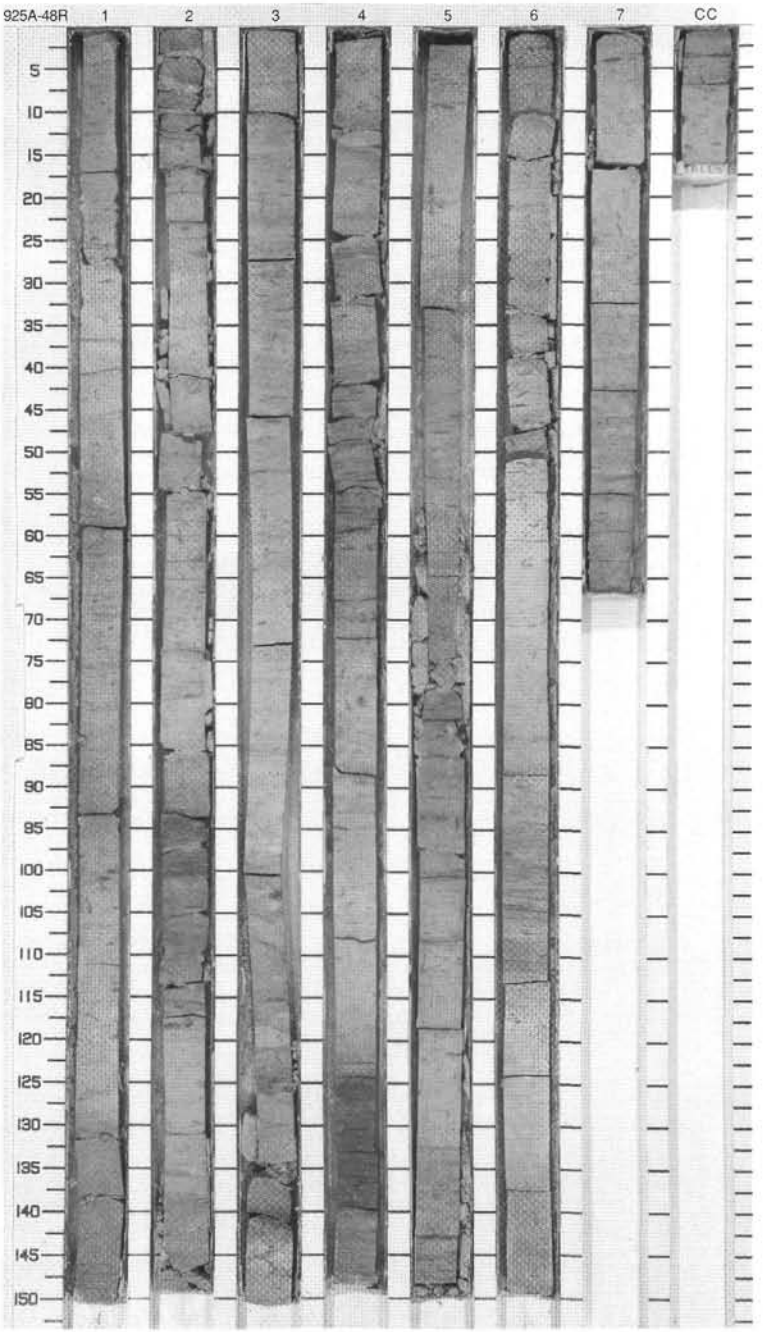
SITE 925 HOLE A CORE 47R CORED 718.3 - 727.9 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10	1–7		1	early Oligocene			M	5GY 6/1	NANNOFOSSIL LIMESTONE and CLAYEY NANNOFOSSIL LIMESTONE General Description: In this core, a greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE alternates with a light greenish gray (5GY 6/1, 7/1) NANNOFOSSIL LIMESTONE. Both sediment types are moderately to heavily bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite.
								I		5GY 5/1	
					2					5GY 6/1	
					3		P			5GY 5/1	
										5GY 6/1	
										5GY 5/1	
					4					5GY 6/1	
										5GY 5/1	
										5GY 6/1	
					5				S S	5GY 5/1	
					6						



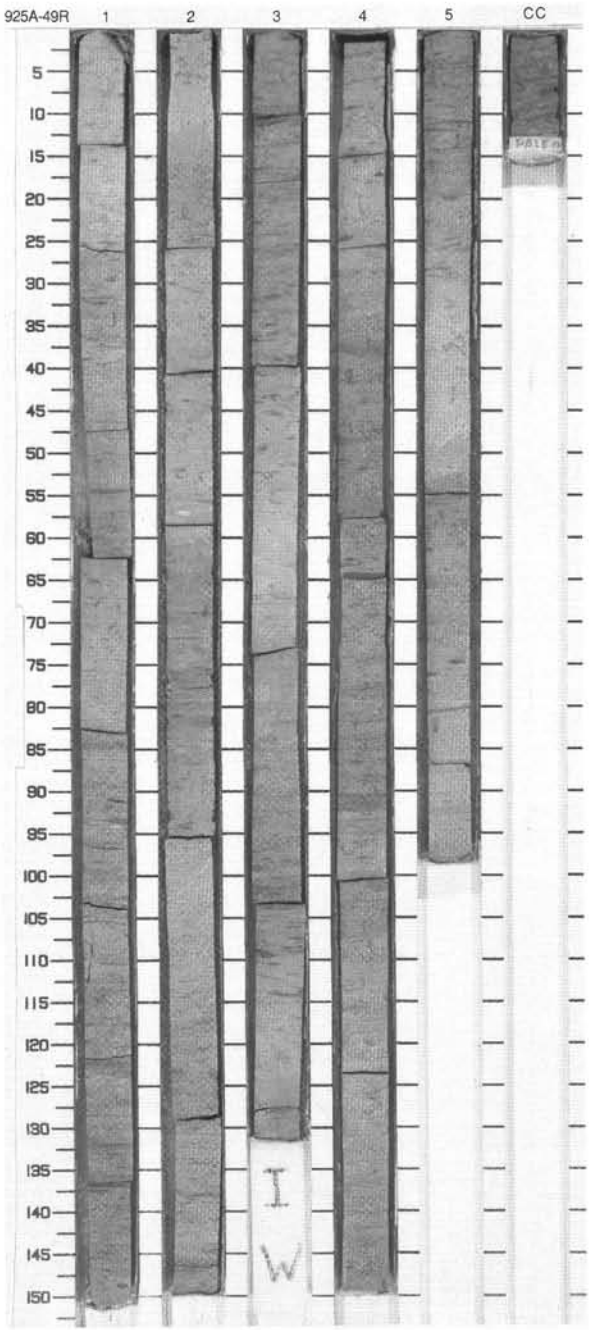
SITE 925 HOLE A CORE 48R CORED 727.9 - 737.6 mbsf



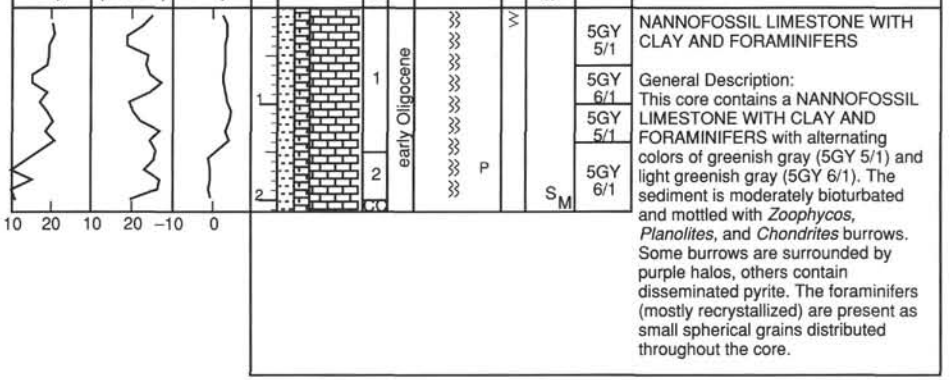


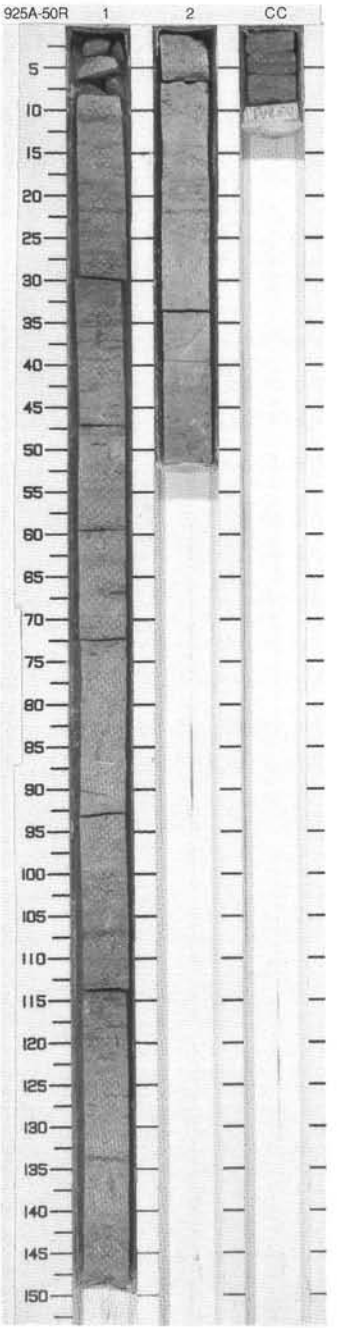
SITE 925 HOLE A CORE 49R CORED 737.6 - 746.1 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	2 4 6	1–7		1–5, CC	early Oligocene			S, I, M	5GY 7/1; 5GY 5/1; 5GY 7/1; 5GY 5/1; 5GY 7/1; 5GY 5/1; 5GY 7/1; 5GY 5/1	NANNOFOSSIL LIMESTONE WITH CLAY AND FORAMINIFERS General Description: This core contains a NANNOFOSSIL LIMESTONE WITH CLAY AND FORAMINIFERS with alternating colors of greenish gray (5GY 5/1) and light greenish gray (5GY 7/1). The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite. The foraminifers (mostly recrystallized) are present as small spherical grains distributed throughout the core.



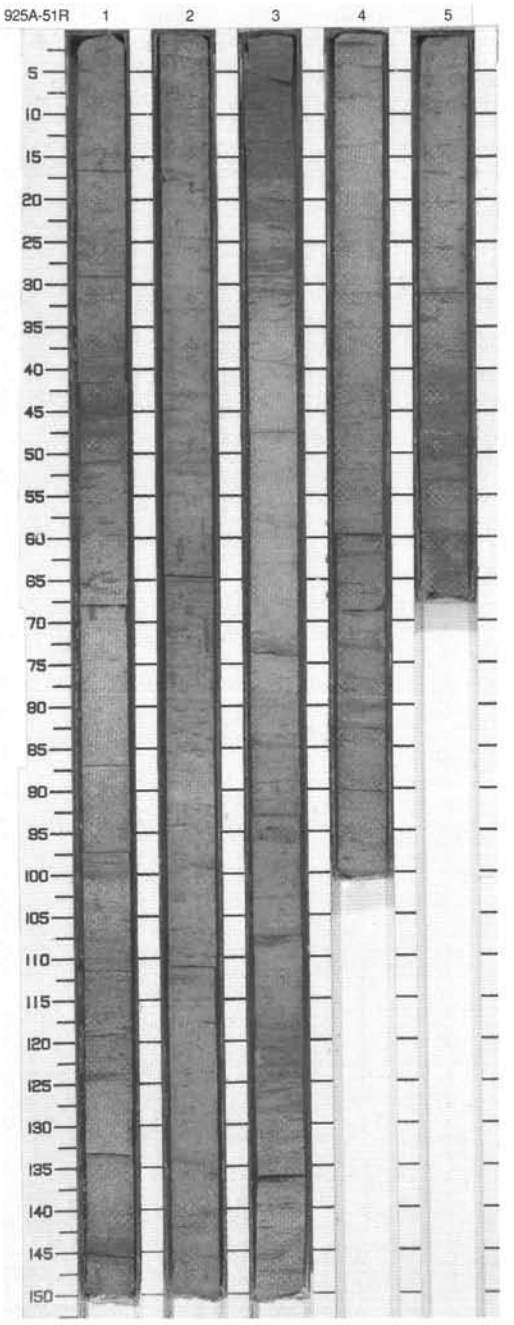
SITE 925 HOLE A CORE 50R CORED 746.1 - 747.1 mbsf



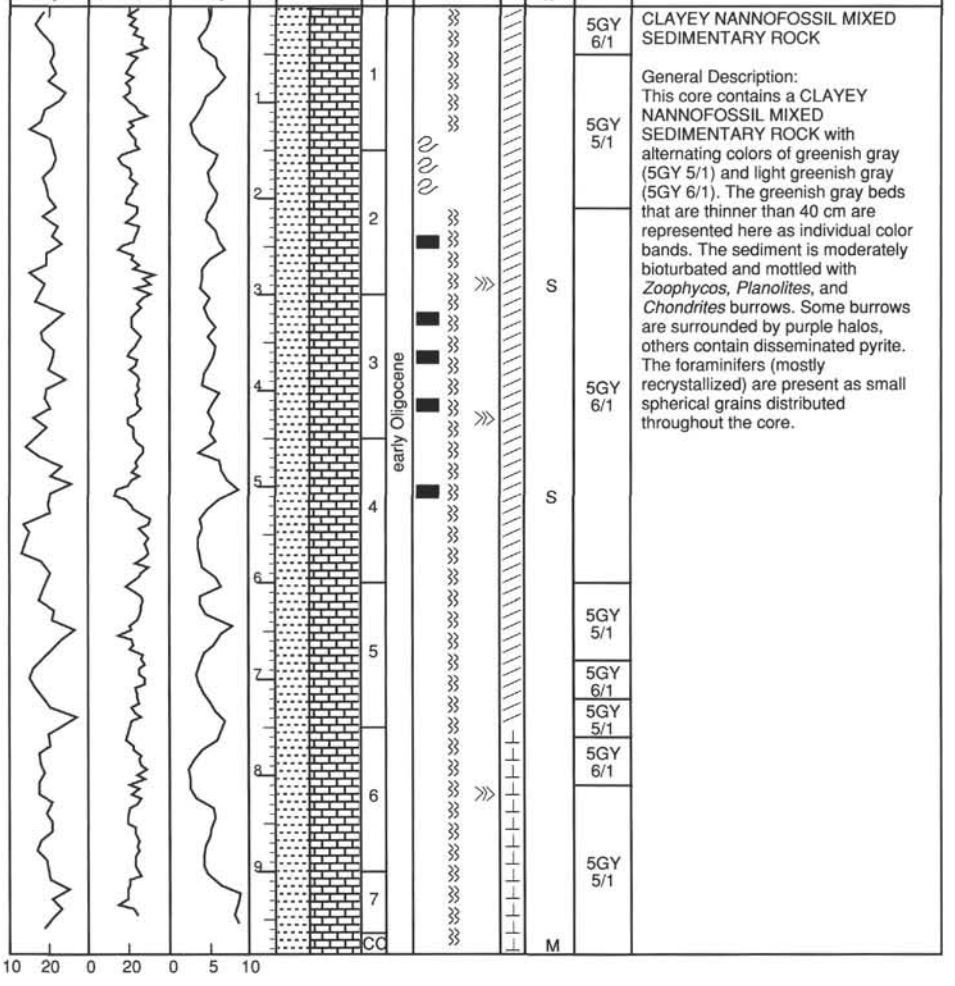


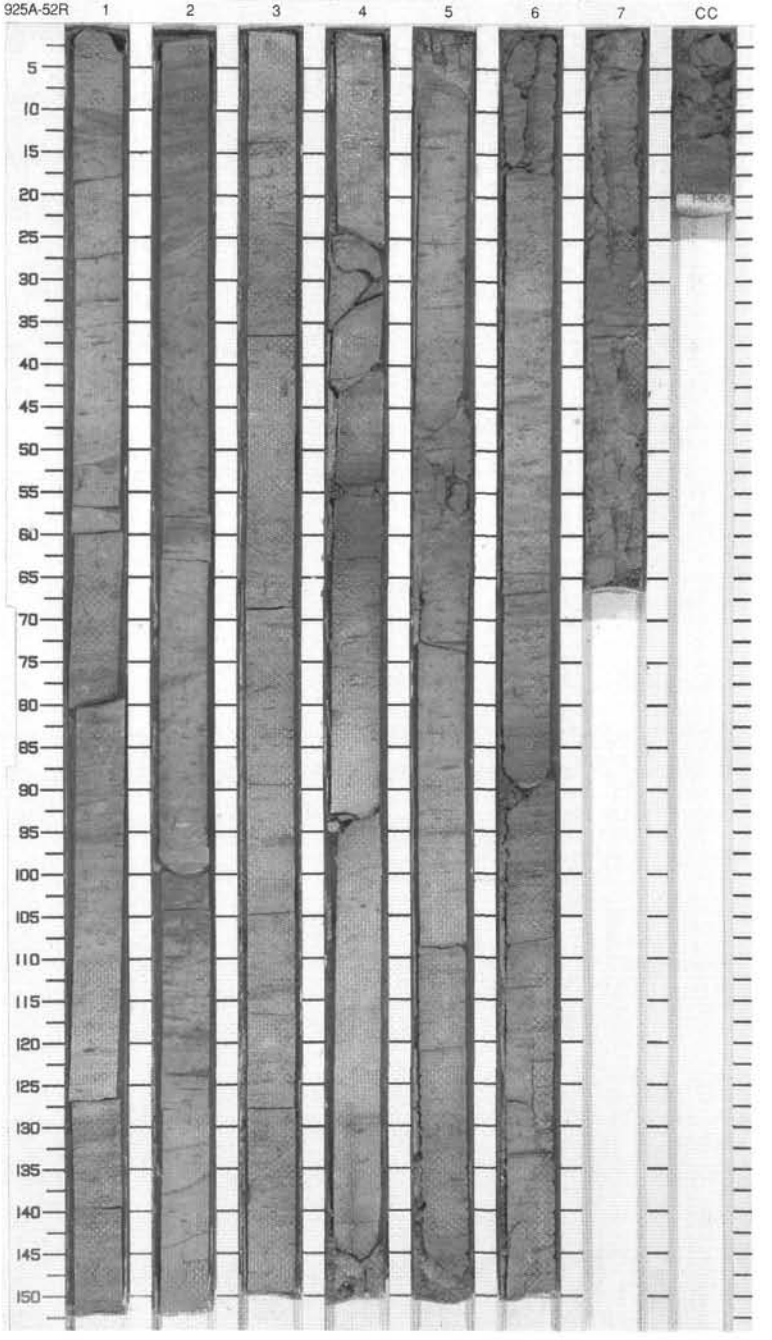
SITE 925 HOLE A CORE 51R CORED 747.1 - 757.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5 10	1–6		1–5	early Oligocene			S, M	5GY 5/1 to 5GY 6/1	CLAYEY NANNOFOSSIL LIMESTONE General Description: This core contains a CLAYEY NANNOFOSSIL LIMESTONE with alternating colors of greenish gray (5GY 5/1) and light greenish gray (5GY 6/1). The color contacts are very gradational. The greenish gray beds are thinner than 30 cm and are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite.

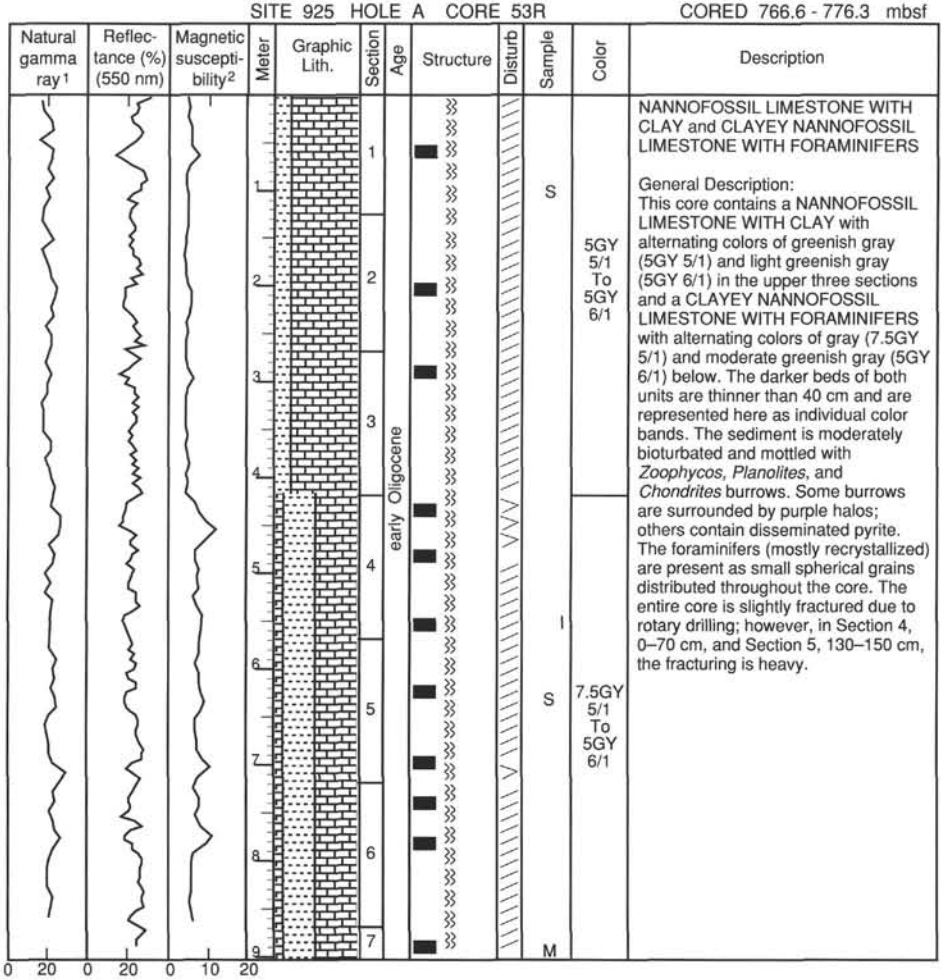


SITE 925 HOLE A CORE 52R CORED 757.0 - 766.6 mbsf



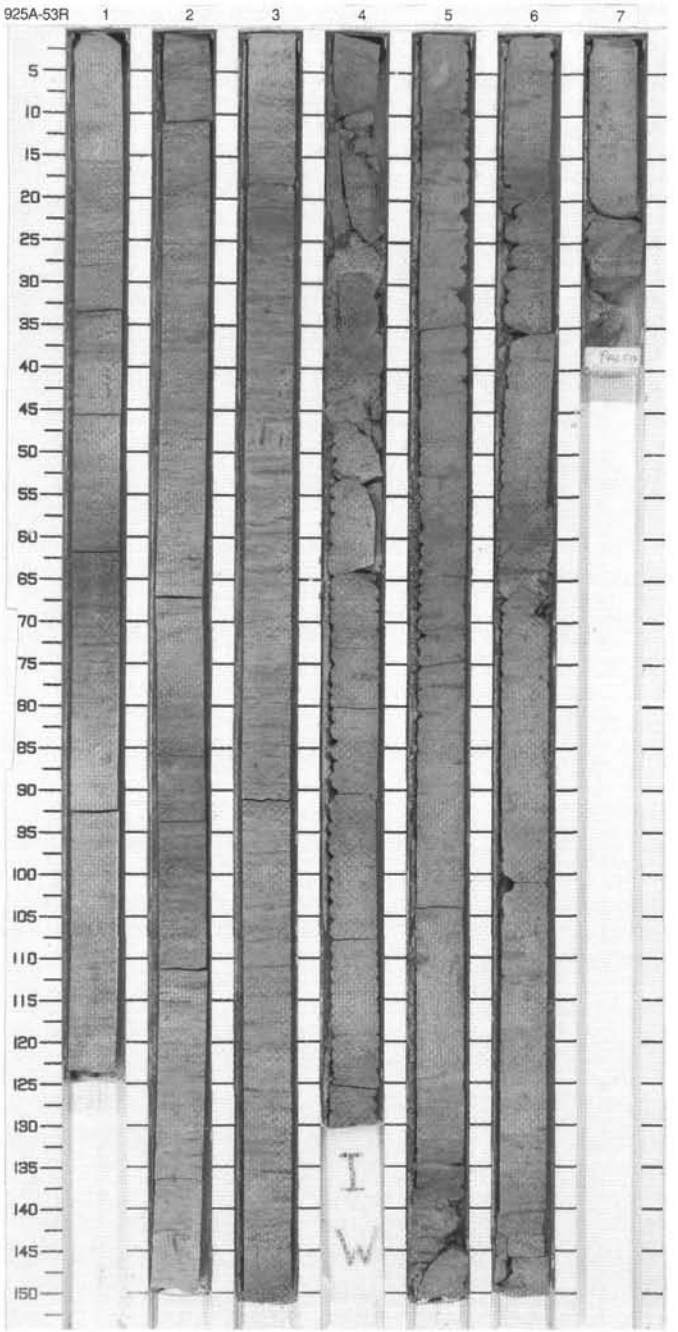


SITE 925 HOLE A CORE 53R CORED 766.6 - 776.3 mbsf



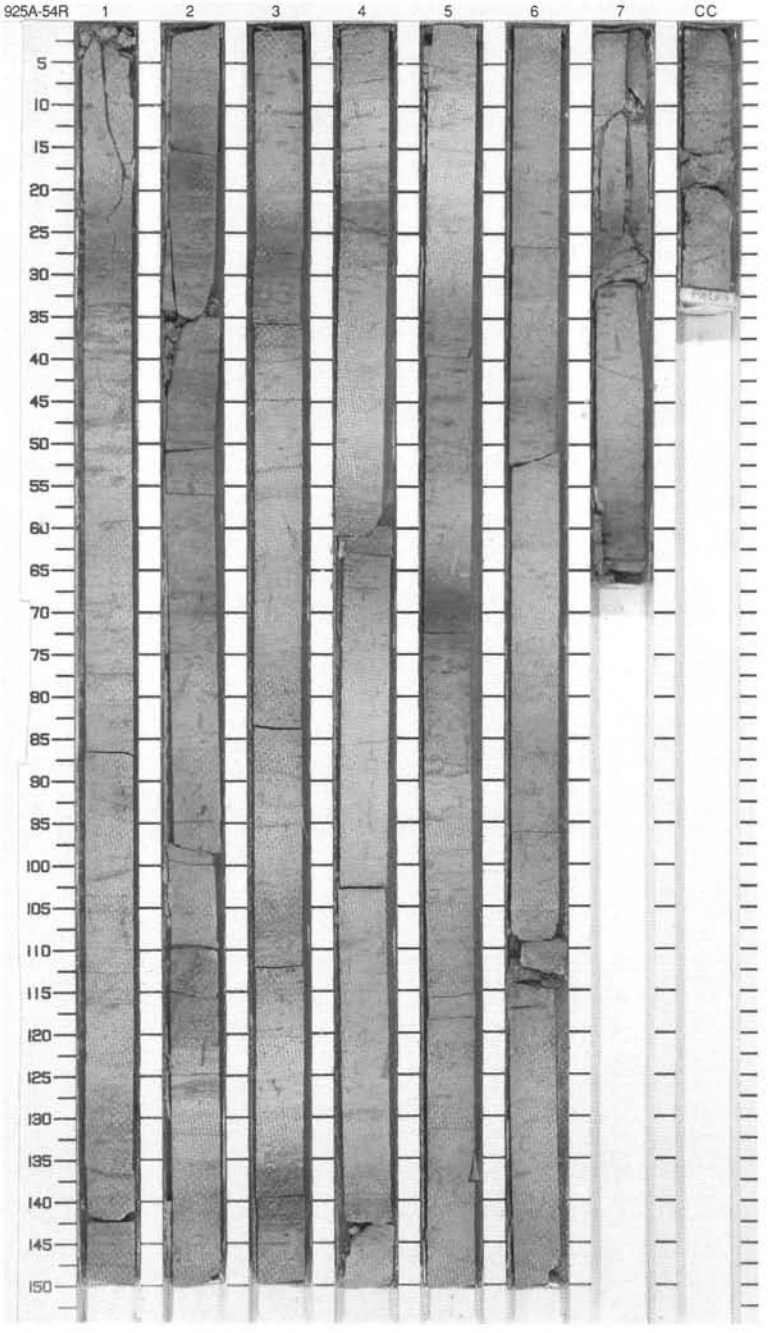
NANNOFOSSIL LIMESTONE WITH CLAY and CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS

General Description:
This core contains a NANNOFOSSIL LIMESTONE WITH CLAY with alternating colors of greenish gray (5GY 5/1) and light greenish gray (5GY 6/1) in the upper three sections and a CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS with alternating colors of gray (7.5GY 5/1) and moderate greenish gray (5GY 6/1) below. The darker beds of both units are thinner than 40 cm and are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. The foraminifers (mostly recrystallized) are present as small spherical grains distributed throughout the core. The entire core is slightly fractured due to rotary drilling; however, in Section 4, 0–70 cm, and Section 5, 130–150 cm, the fracturing is heavy.



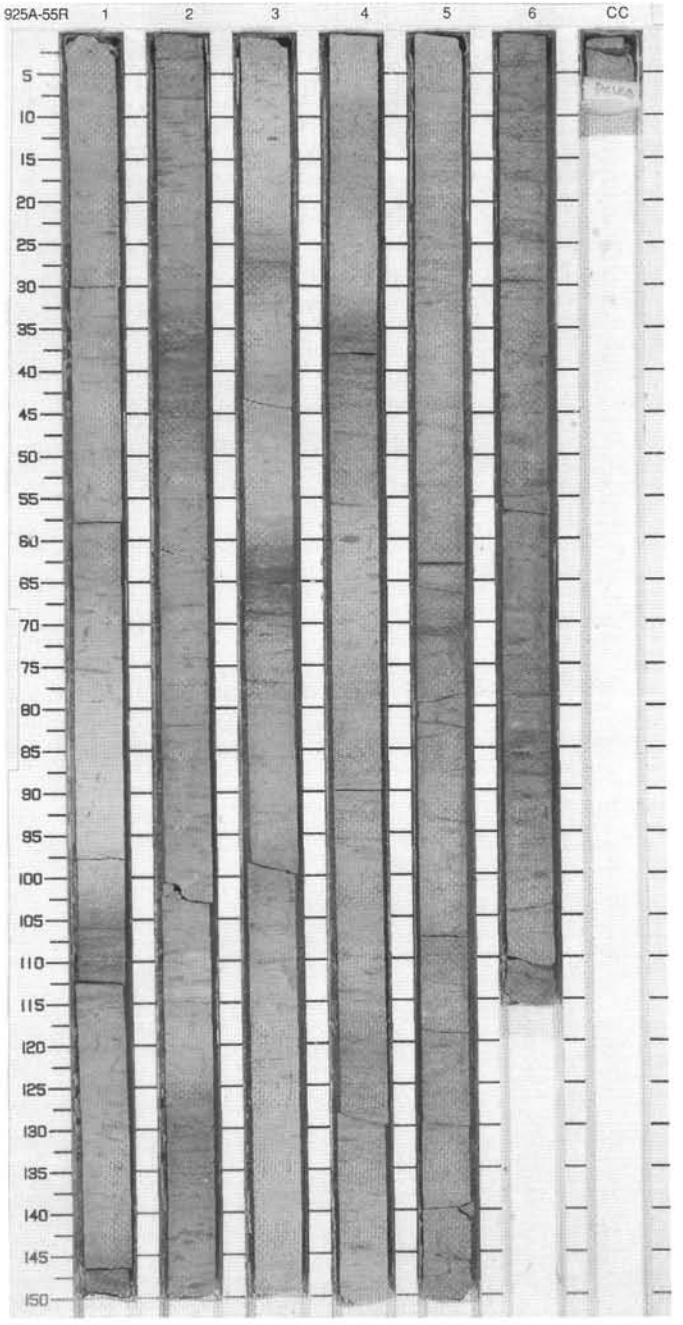
SITE 925 HOLE A CORE 54R CORED 776.3 - 786.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10	1–9		1–7, CC	late Eocene			S, S, M	5GY 5/1 To 5GY 6/1	NANNOFOSSIL LIMESTONE WITH CLAY and CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS General Description: This core contains a light greenish gray (5GY 6/1) NANNOFOSSIL LIMESTONE WITH CLAY with alternating thin layers of greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS. The greenish gray beds are always thinner than 40 cm and are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. The foraminifers (mostly recrystallized) are present as small spherical grains distributed throughout the core. The entire core is slightly fractured due to rotary drilling; however, in Section 1, 0–30 cm, and in Sections 7 and CC the fracturing is heavy.



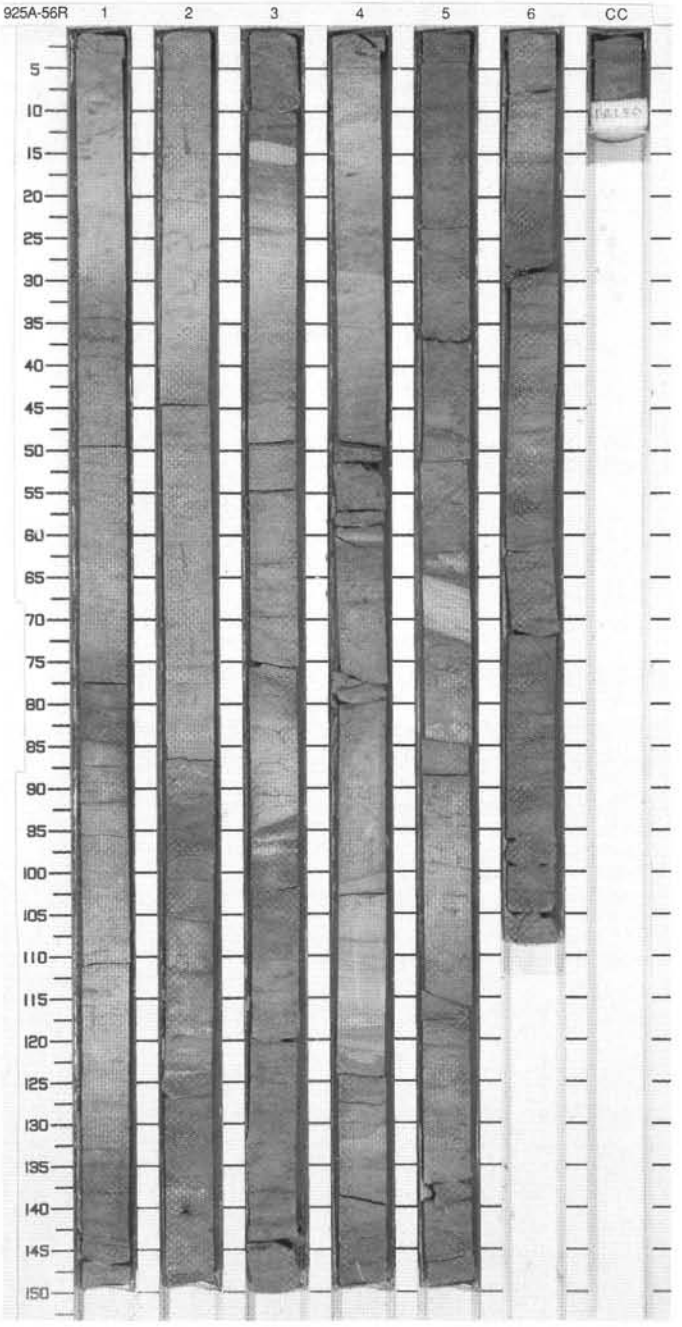
SITE 925 HOLE A CORE 55R CORED 786.0 - 795.6 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10	1–8		1–6, CC	late Eocene			S, S, M	7.5GY 6/1; 7.5GY 7/1; 7.5GY 6/1	NANNOFOSSIL LIMESTONE WITH CLAY General Description: This core contains a light greenish gray (7.5GY 6/1, 7/1) NANNOFOSSIL LIMESTONE WITH CLAY with alternating thin layers of greenish gray (5GY 7.5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS. The greenish gray beds are always thinner than 40 cm and are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos, Planolites,* and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. The foraminifers (mostly recrystallized) are present as small spherical grains distributed throughout the core. In Section 2, 110–115 cm, thin laminae indicate probably a distal turbidite. The entire core is slightly fractured due to rotary drilling.



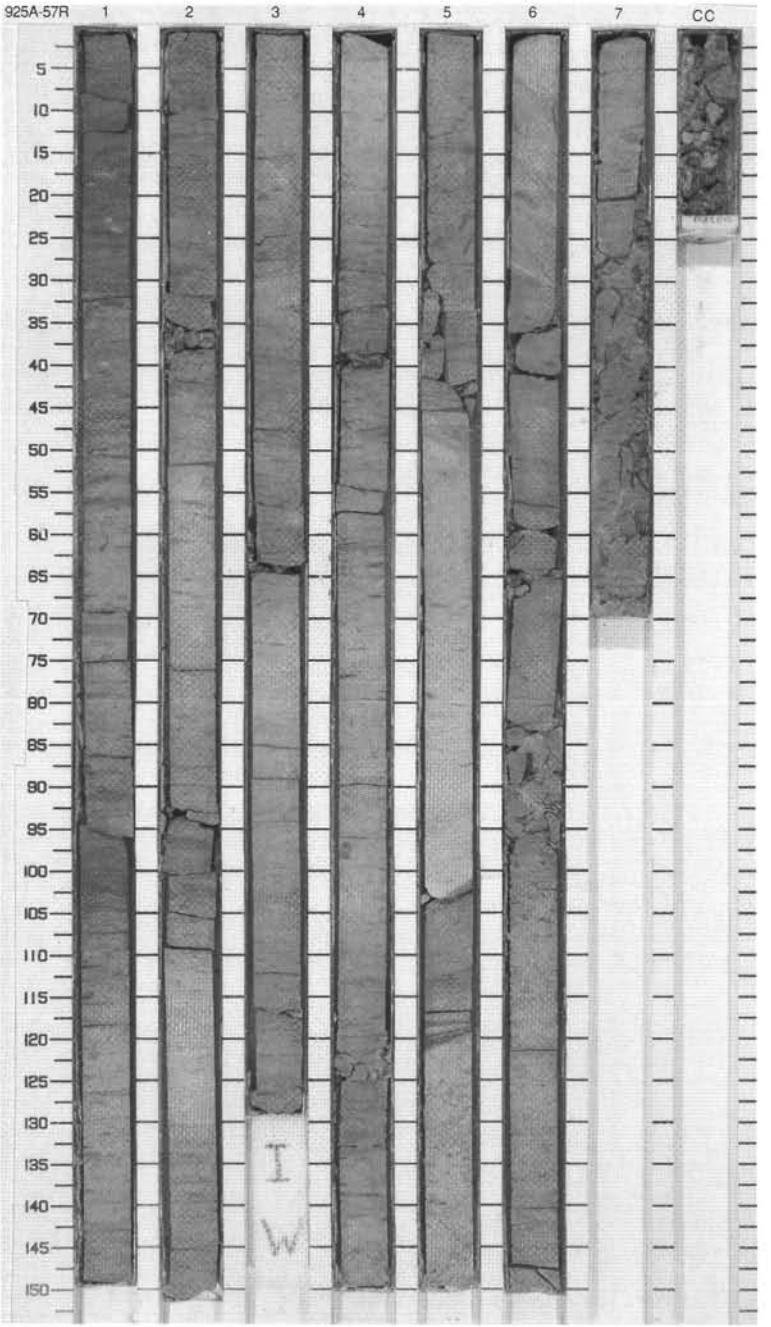
SITE 925 HOLE A CORE 56R CORED 795.6 - 805.2 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5 10	1–8		1–6, CC	late Eocene			S, S, M	7.5GY 6/1; 7.5GY 6/1 To 7.5GY 5/1; 7.5GY 6/1	NANNOFOSSIL LIMESTONE WITH CLAY General Description: This core contains a light greenish gray (7.5GY 6/1) NANNOFOSSIL LIMESTONE WITH CLAY with alternating thin layers of greenish gray (7.5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS. The greenish gray beds are always thinner than 40 cm and are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. Between Section 2, 77 cm and Section 5, 70 cm, a slumping structure occurs with many typical features, like sharp contacts, contorted bedding, irregular mm-scale color banding, slump blocks, and wedge-planar laminae. The entire core is slightly fractured due to rotary drilling.



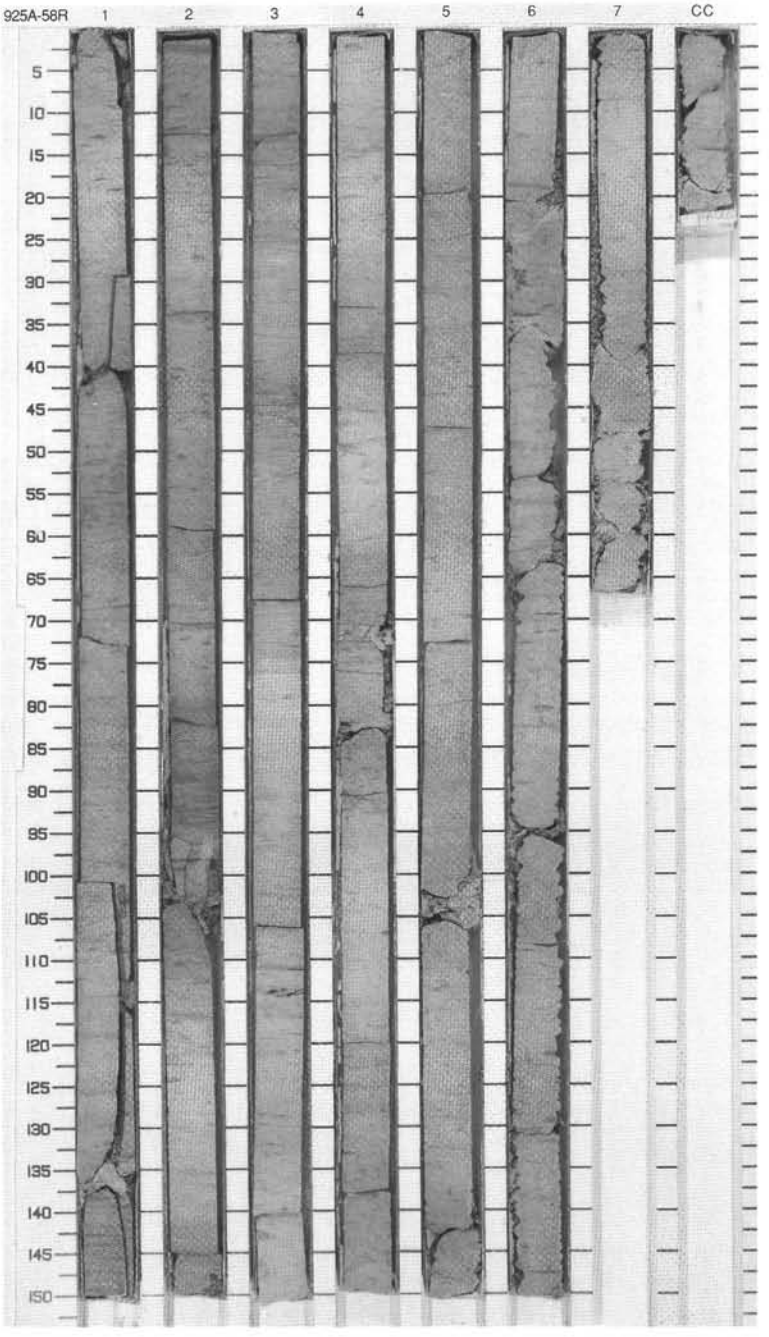
SITE 925 HOLE A CORE 57R CORED 805.2 - 814.8 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 10 20	1–9		1–7, CC	late Eocene			S, I, S, M	7.5GY 6/1 To 10GY 5/0	NANNOFOSSIL LIMESTONE WITH FORAMINIFERS AND CLAY and CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS General Description: This core contains a light greenish gray (7.5GY 6/1) NANNOFOSSIL LIMESTONE WITH FORAMINIFERS AND CLAY. Thin layers of greenish gray (10GY 5/0) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS are interbedded. The sediment is moderately bioturbated and mottled with *Zoophycos, Planolites,* and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite. The sediments below Section 4, 100 cm provide evidence for sediment redeposition. Slumping structures with typical features occur in Section 4, 135 cm (sharp contact), in Section 5, 30–55 cm (sharp contacts, contorted bedding, irregular mm-scale color banding), in Section 5, 100–125 cm (scoured contact at the base, wedge-planar laminae, sharp contact at the top), and in Section 6, 0–30 cm (microfaults, microfolds, irregular millimeter-scale color banding). A very uniform, greenish gray NANNOFOSSIL CLAYSTONE WITH FORAMINIFERS that includes brown mud clasts and provides no evidence for bioturbation is interpreted as a turbidite and occurs in Section 6, 28–96 cm. The core is slightly fractured due to rotary drilling. Drilling breccia occur in Sections 6 and 7.



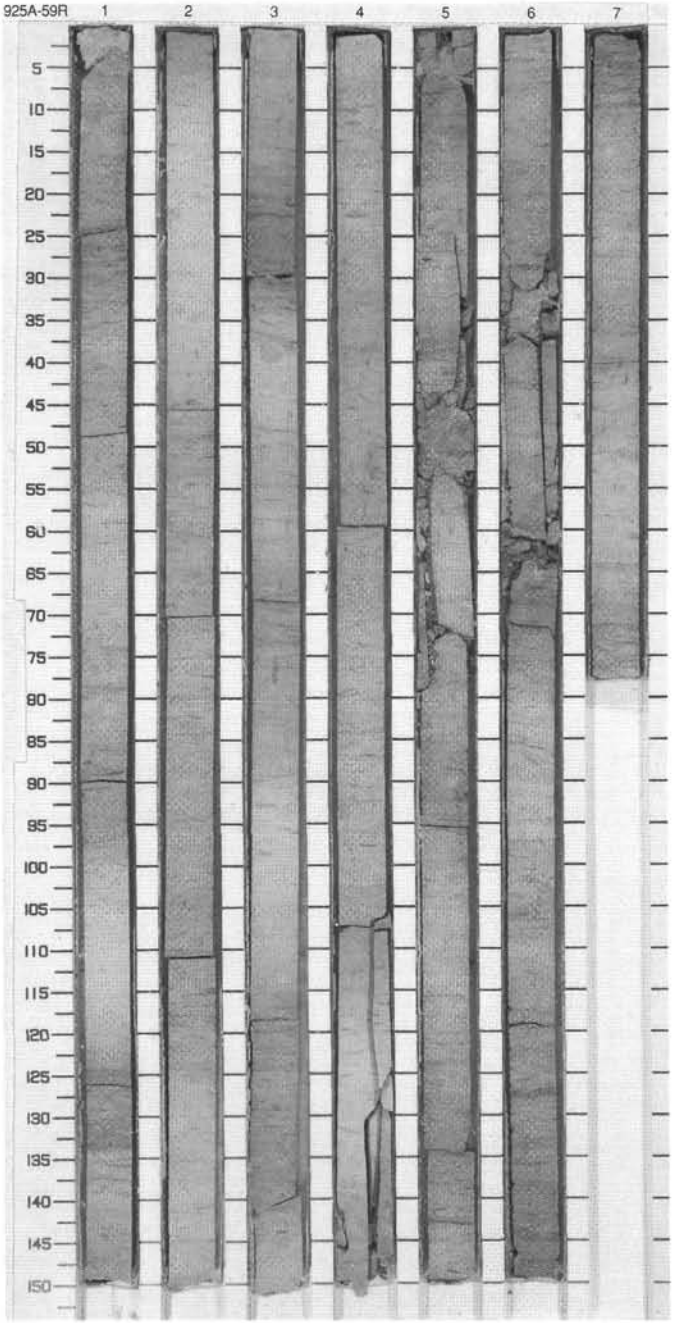
SITE 925 HOLE A CORE 58R CORED 814.8 - 824.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5 10	1–9		1–7, CC	middle Eocene–late Eocene			S, M	7.5GY 5/1 To 7.5GY 6/1	NANNOFOSSIL LIMESTONE WITH CLAY AND FORAMINIFERS General Description: This core contains a light greenish gray (7.5GY 6/1) NANNOFOSSIL LIMESTONE WITH CLAY with alternating thin layers of greenish gray (7.5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE. The greenish gray beds are always thinner than 40 cm and represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite.

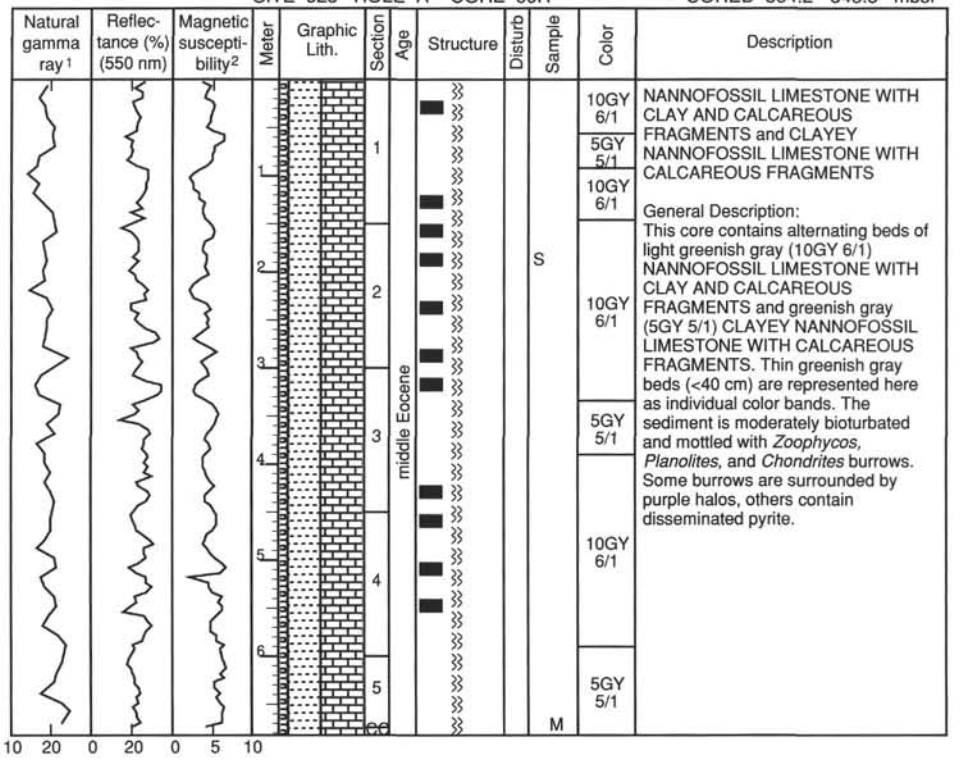


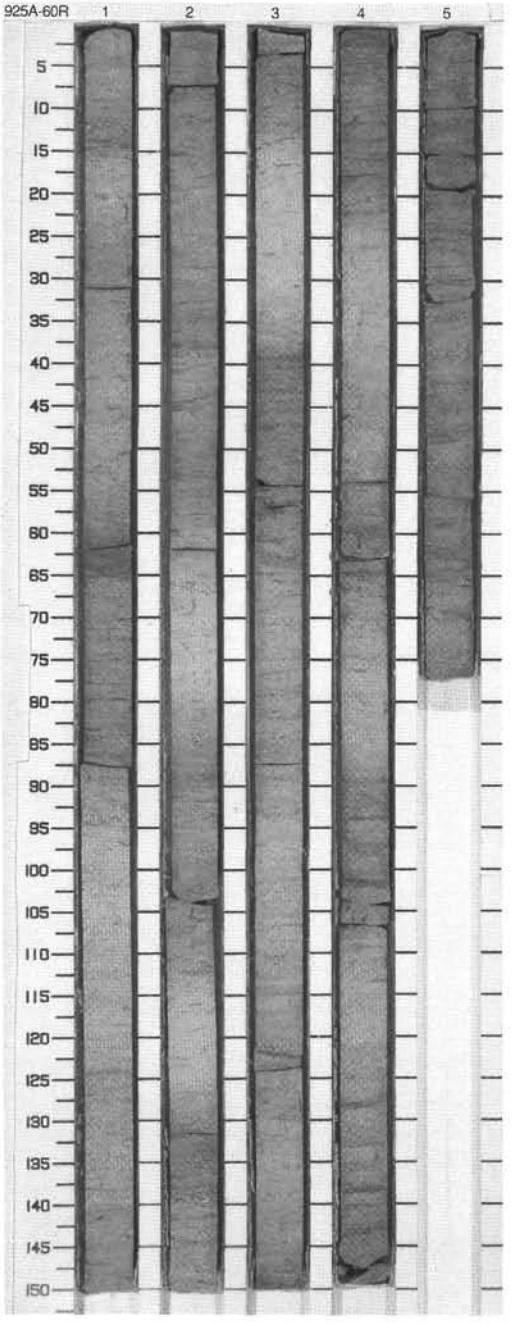
SITE 925 HOLE A CORE 59R CORED 824.5 - 834.2 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10	1–9		1–7, CC	middle Eocene			S, S, M	10GY 6/1 To 5GY 5/1	NANNOFOSSIL LIMESTONE WITH CLAY AND CALCAREOUS FRAGMENTS General Description: This core contains a light greenish gray (10GY 6/1) NANNOFOSSIL LIMESTONE WITH CLAY AND CALCAREOUS FRAGMENTS with alternating thin layers of greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS. The greenish gray beds are always thinner than 40 cm and are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite.



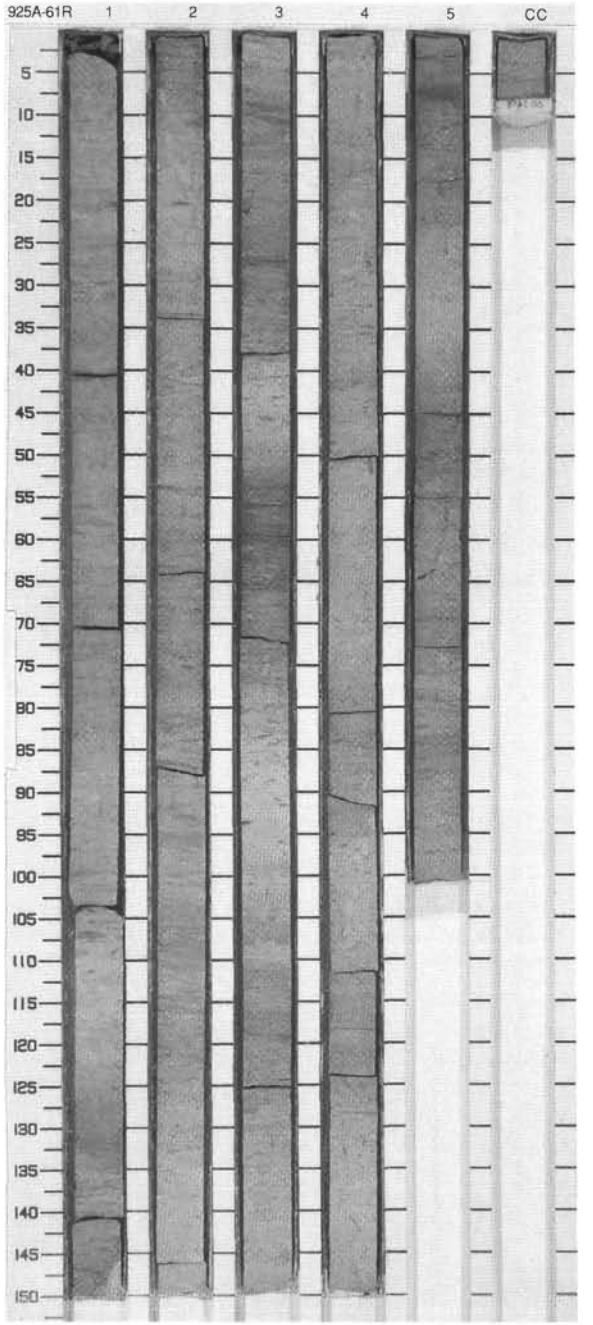
SITE 925 HOLE A CORE 60R CORED 834.2 - 843.8 mbsf





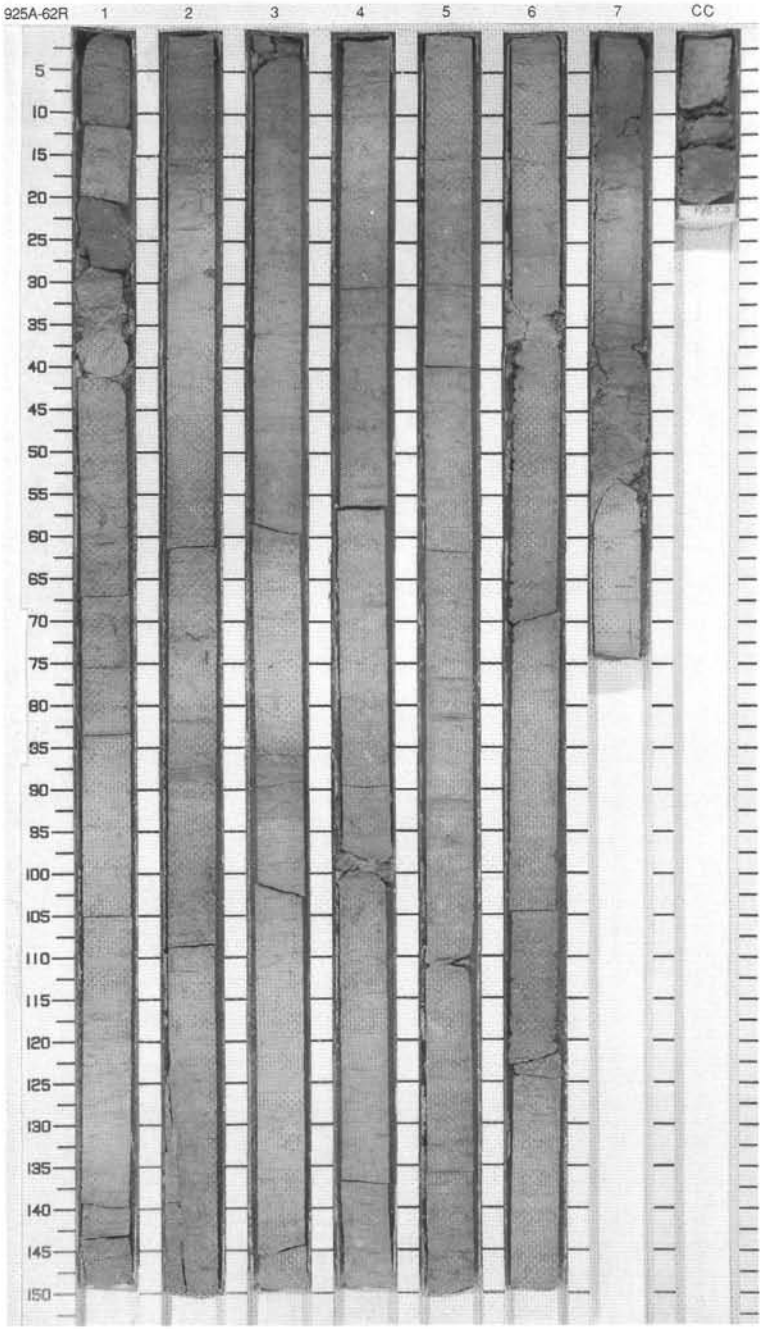
SITE 925 HOLE A CORE 61R CORED 843.8 - 853.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5 10	1 2 3 4 5 6 7	oe	1 2 3 4 5	middle Eocene			S M	7.5GY 6/1 To 5GY 5/1	CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS General Description: This core contains alternating beds of light greenish gray (7.5GY 6/1) and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS. Thin greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite.



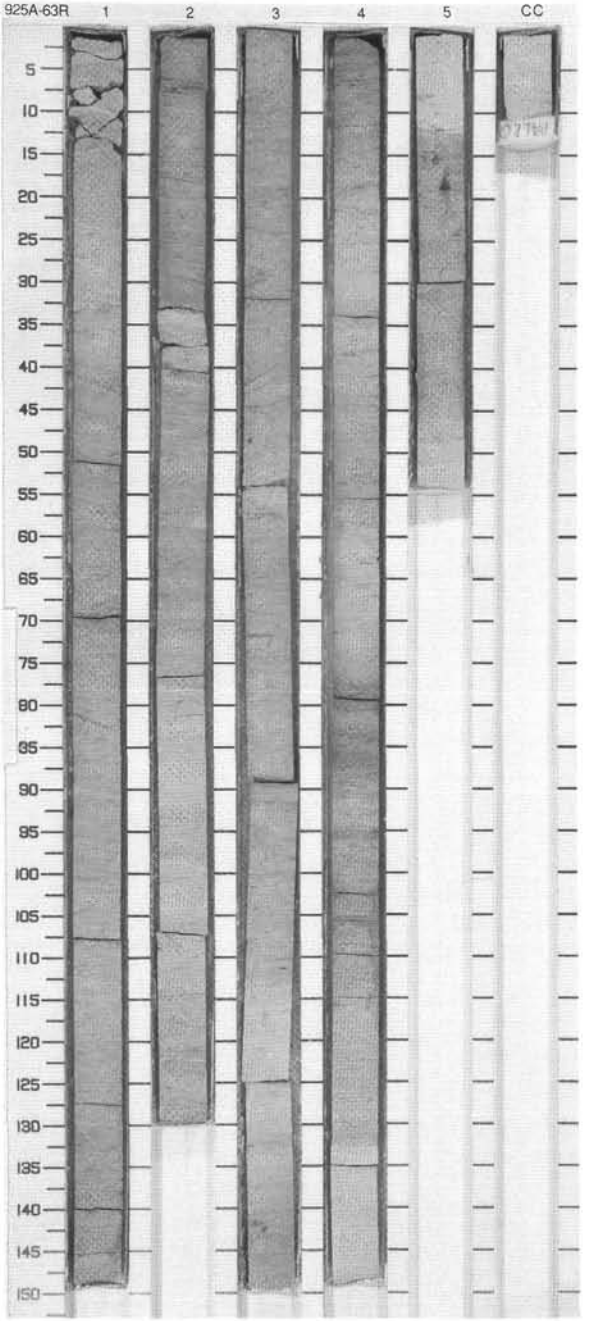
SITE 925 HOLE A CORE 62R CORED 853.5 - 863.1 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5 10	1–9		1–7, CC	middle Eocene			S, M	7.5GY 6/1 To 5GY 5/1	CLAYEY NANNOFOSSIL LIMESTONE General Description: This core contains alternating beds of light greenish gray (7.5GY 6/1) and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE. Thin greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite.

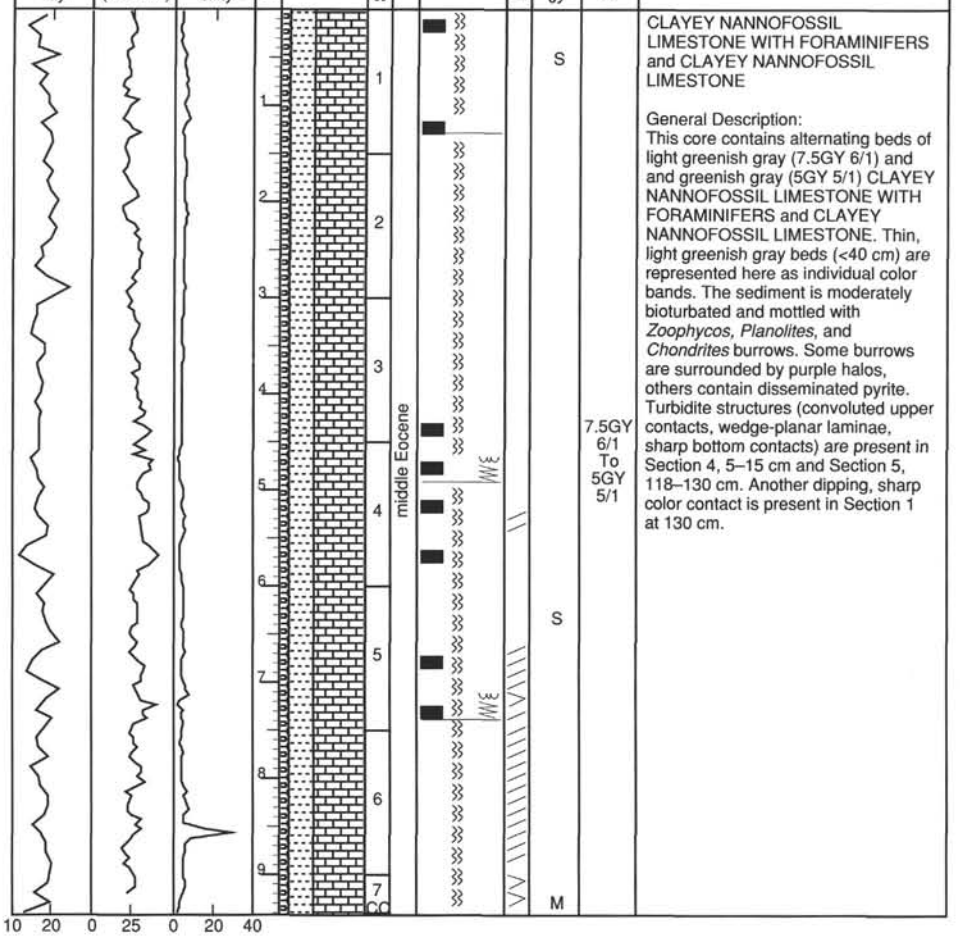


SITE 925 HOLE A CORE 63R CORED 863.1 - 872.8 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 5 10	1–6		1–5, CC	middle Eocene			S, I, S, M	7.5GY 6/1; 5GY 5/1; 7.5GY 7/1; 5GY 5/1	CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS General Description: This core contains alternating beds of light greenish gray (7.5GY 6/1) and and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS. Thin light greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite. A thin turbidite that consists of NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS occurs in Section 2, 32–40 cm (convolute bedding and cross-bedding, sharp bottom contact). Another sharp contact is present in Section 4, 130 cm.

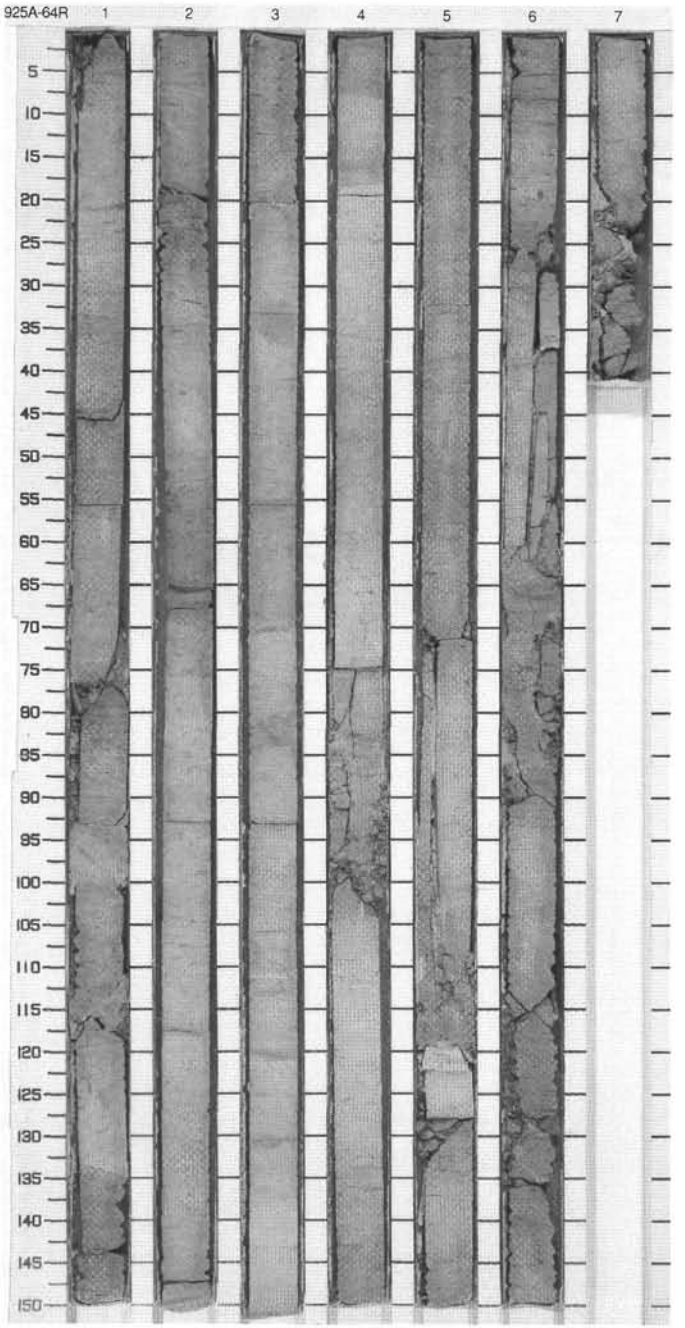


SITE 925 HOLE A CORE 64R CORED 872.8 - 882.5 mbsf

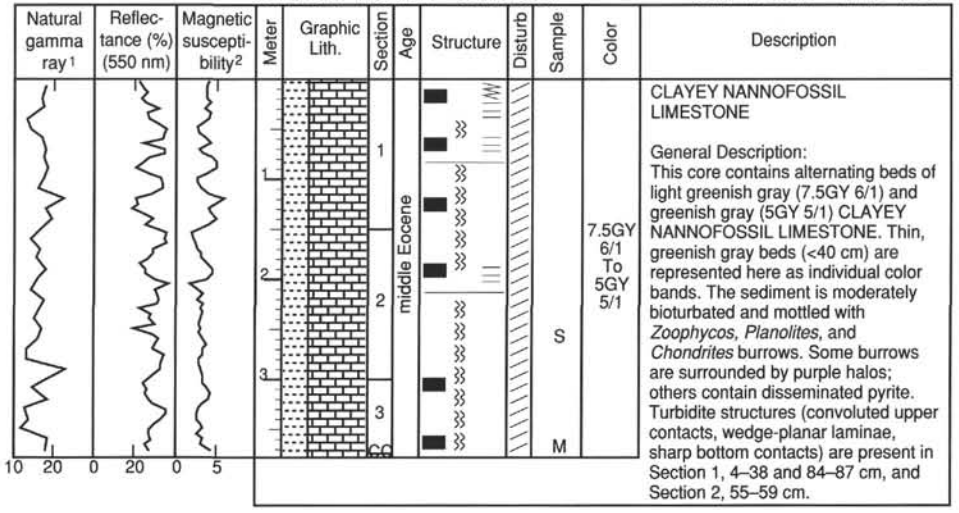


CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL LIMESTONE

General Description:
This core contains alternating beds of light greenish gray (7.5GY 6/1) and and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH FORAMINIFERS and CLAYEY NANNOFOSSIL LIMESTONE. Thin, light greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite. Turbidite structures (convoluted upper contacts, wedge-planar laminae, sharp bottom contacts) are present in Section 4, 5–15 cm and Section 5, 118–130 cm. Another dipping, sharp color contact is present in Section 1 at 130 cm.



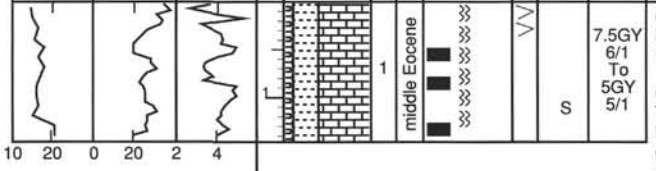
SITE 925 HOLE A CORE 65R CORED 882.5 - 891.8 mbsf



CLAYEY NANNOFOSSIL LIMESTONE

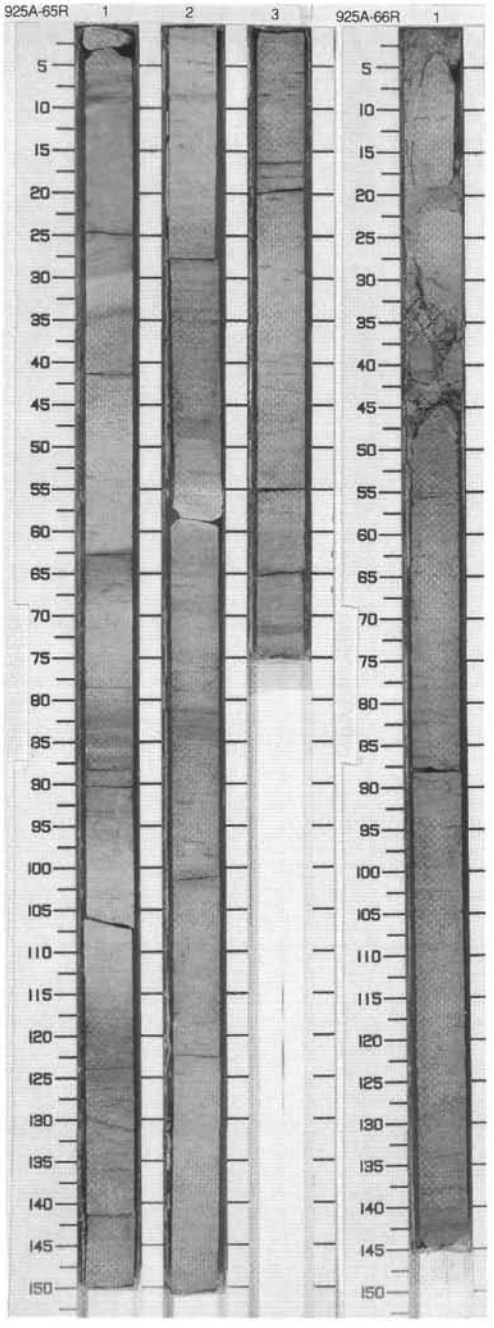
General Description:
This core contains alternating beds of light greenish gray (7.5GY 6/1) and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE. Thin, greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. Turbidite structures (convoluted upper contacts, wedge-planar laminae, sharp bottom contacts) are present in Section 1, 4–38 and 84–87 cm, and Section 2, 55–59 cm.

SITE 925 HOLE A CORE 66R CORED 891.8 - 901.4 mbsf



CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS

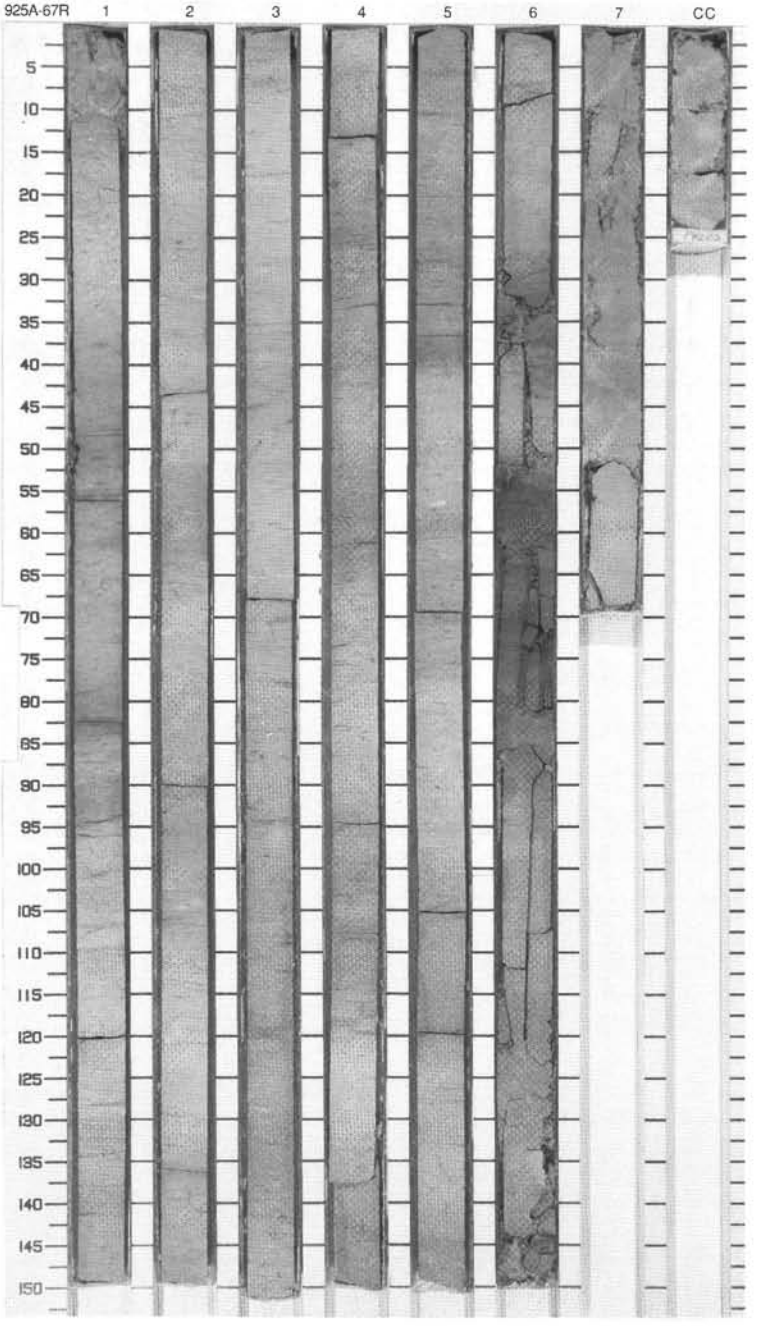
General Description:
This core contains alternating beds of light greenish gray (7.5GY 6/1) and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS. Thin, greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. The uppermost part of the core is heavily fractured by drilling.



SITE 925 HOLE A CORE 67R CORED 901.4 - 911.1 mbsf

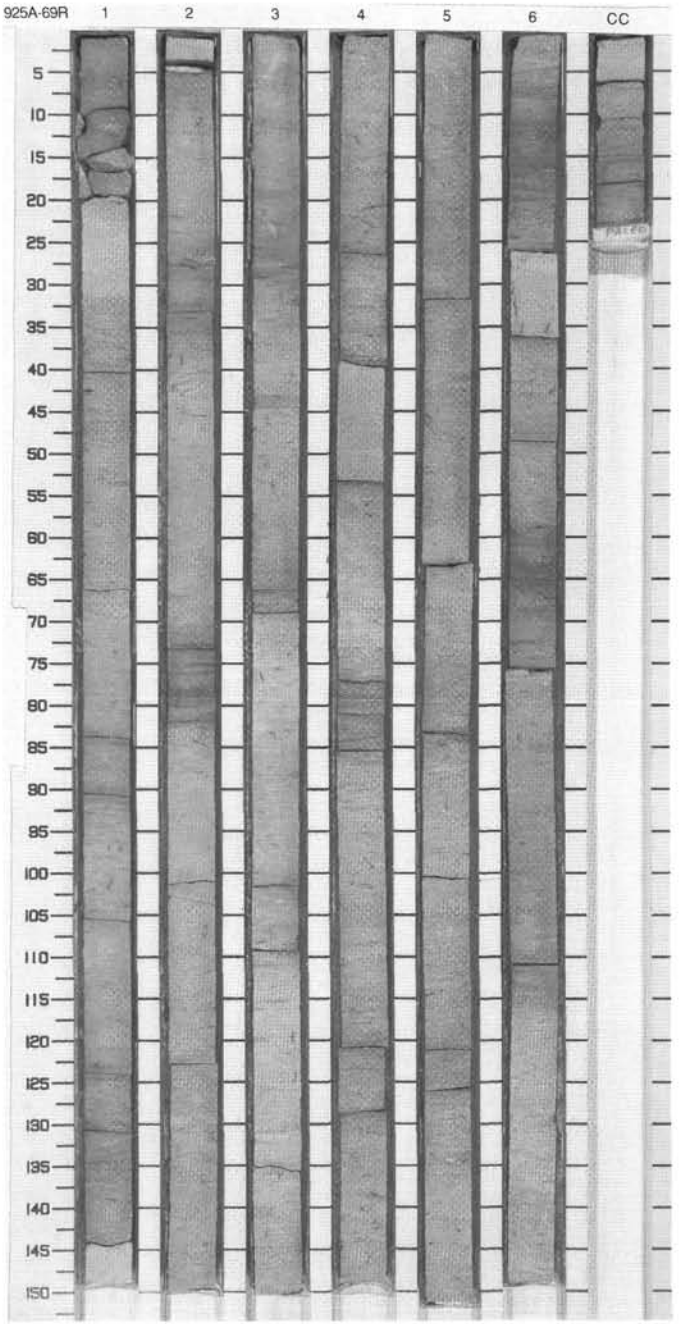
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 5 10	1–9		1–7, CC	middle Eocene			S, S, M	7.5GY 6/1 To 5GY 5/1	CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS and CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS AND FORAMINIFERS General Description: This core contains alternating beds of light greenish gray (7.5GY 6/1) CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS and greenish gray (5GY 5/1) CLAYEY NANNOFOSSIL LIMESTONE WITH CALCAREOUS FRAGMENTS AND FORAMINIFERS. The thin beds (<40 cm) of the greenish gray sediment are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos; others contain disseminated pyrite. Turbidite structures (thin parallel laminae throughout) are present from Section 6, 27 cm to the bottom of the core. The uppermost part of the core and Sections 6, 7, and CC are heavily fractured (biscuits in the last two) due to rotary drilling.

925A 68R Entire core given to paleontologists.

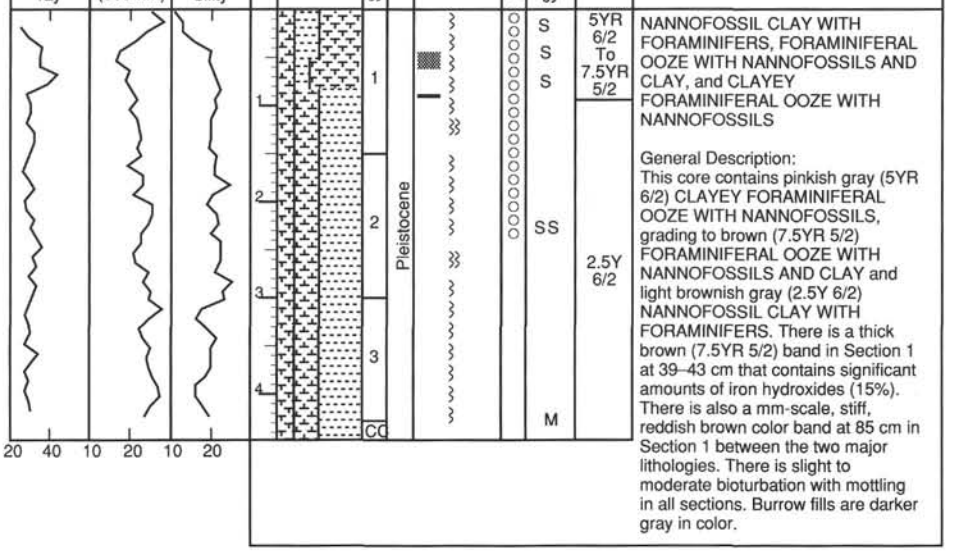


SITE 925 HOLE A CORE 69R CORED 920.7 - 930.4 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 15 20	40	0 2.5 5			1 2 3 4 5 6 CC	middle Eocene			S S M	7.5GY 6/1 To 5GY 5/1	CALCAREOUS FRAGMENT LIMESTONE WITH CLAY General Description: This core contains alternating beds of light greenish gray (7.5GY 6/1) and greenish gray (5GY 5/1) CALCAREOUS FRAGMENT LIMESTONE WITH CLAY. Thin, greenish gray beds (<40 cm) are represented here as individual color bands. The sediment is moderately bioturbated and mottled with *Zoophycos*, *Planolites*, and *Chondrites* burrows. Some burrows are surrounded by purple halos, others contain disseminated pyrite. Small, light greenish gray (7.5GY 7/1) turbidites, indicated by thin parallel laminae and sharp bottom contacts, occur in Section 1, 145 cm to Section 2, 38 cm, Section 4, 40–54 cm, Section 6, 27–37 cm, and Section CC, 0–6 cm.

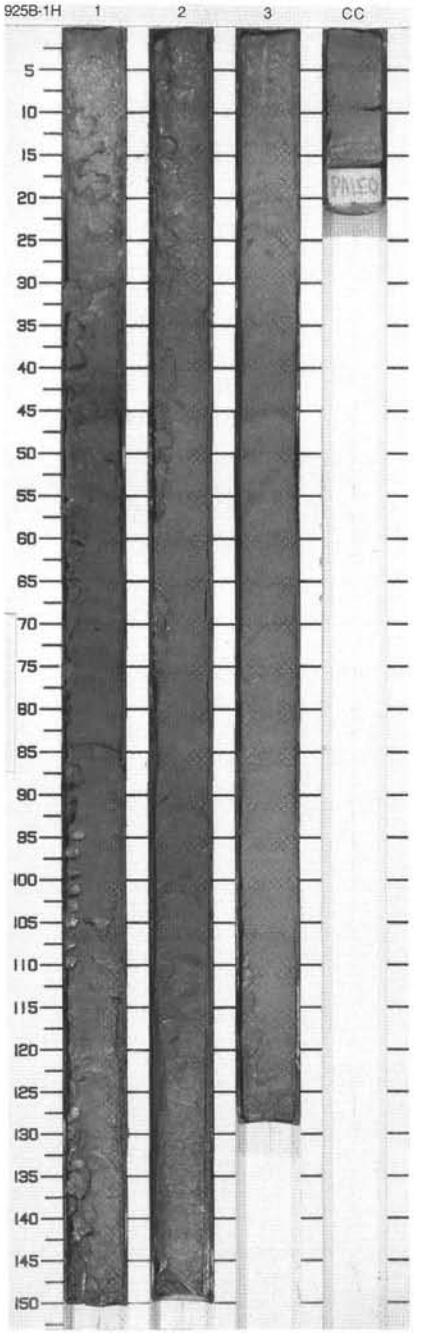


SITE 925 HOLE B CORE 1H CORED 0.0 - 4.5 mbsf



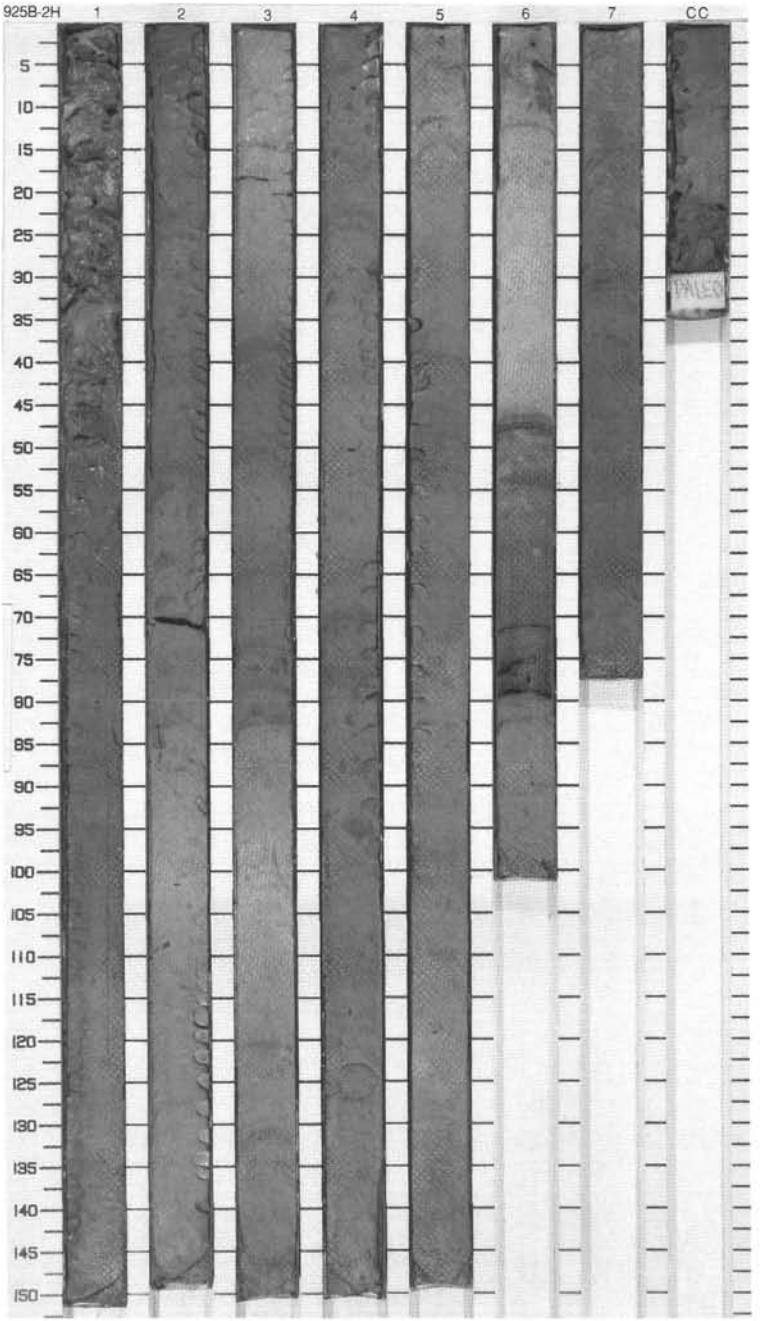
NANNOFOSSIL CLAY WITH FORAMINIFERS, FORAMINIFERAL OOZE WITH NANNOFOSSILS AND CLAY, and CLAYEY FORAMINIFERAL OOZE WITH NANNOFOSSILS

General Description:
This core contains pinkish gray (5YR 6/2) CLAYEY FORAMINIFERAL OOZE WITH NANNOFOSSILS, grading to brown (7.5YR 5/2) FORAMINIFERAL OOZE WITH NANNOFOSSILS AND CLAY and light brownish gray (2.5Y 6/2) NANNOFOSSIL CLAY WITH FORAMINIFERS. There is a thick brown (7.5YR 5/2) band in Section 1 at 39–43 cm that contains significant amounts of iron hydroxides (15%). There is also a mm-scale, stiff, reddish brown color band at 85 cm in Section 1 between the two major lithologies. There is slight to moderate bioturbation with mottling in all sections. Burrow fills are darker gray in color.

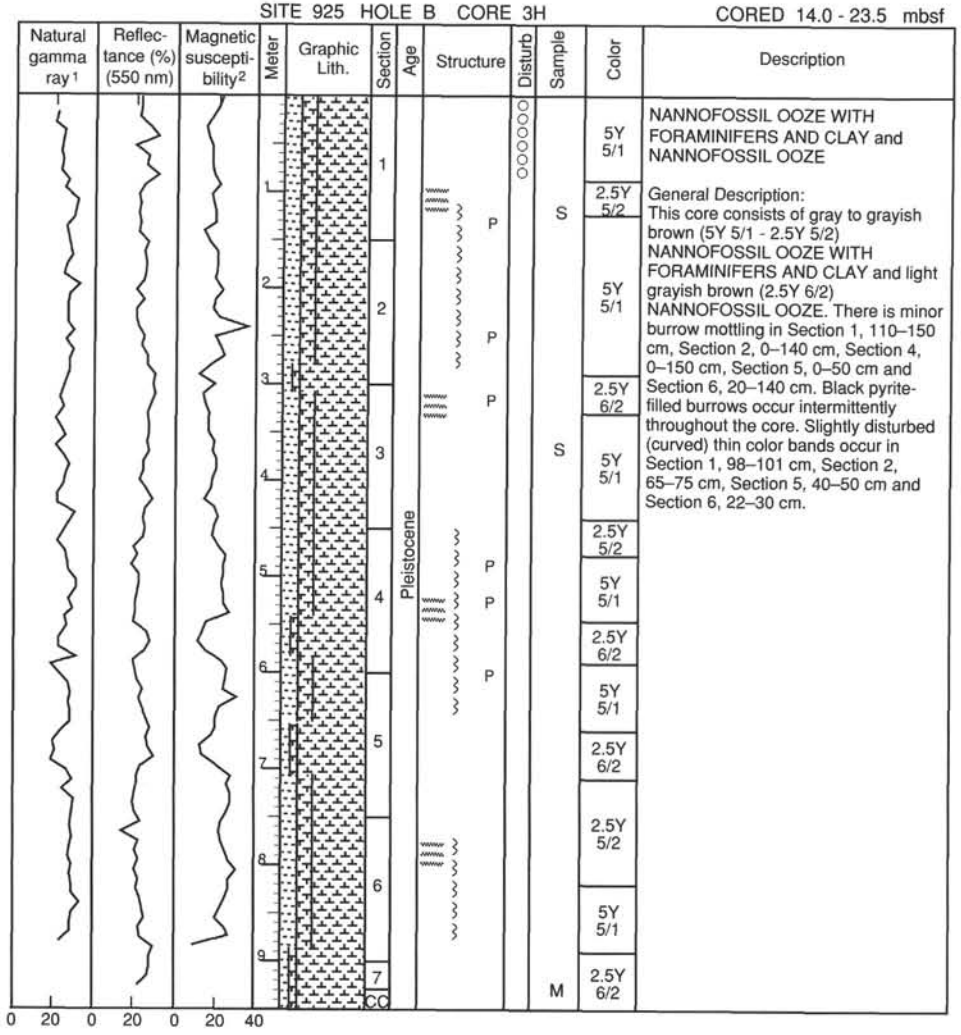


SITE 925 HOLE B CORE 2H CORED 4.5 - 14.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20	0 20 40			1	Pleistocene		○○○○	S	10YR 5/2	CLAY WITH FORAMINIFERS AND NANNOFOSSILS and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains grayish brown (10YR 5/2) CLAY WITH FORAMINIFERS AND NANNOFOSSILS and light brownish gray (10YR 6/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS interbedded with a minor lithology of light grayish brown (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Section 1, 0–70 cm is soupy. Bioturbation is visible as minor mottles in Section 1, 70–150 cm, Section 2, 0–105 cm, Section 3, 50–80 cm, Section 4, 20–90 cm, Section 5, 20–65 cm, Section 5, 90–115 cm, and Section 7, 10–30 cm. Thin color cm-scale color bands are present with minor disturbance (slight curvature) in Section 2, 130 cm, Section 3, 45 and 130–145 cm, Section 4, 70–80 cm, Section 6, 45 and 70–80 cm.
										10YR 6/2	
					2				S		
										10YR 5/2	
					3					2.5Y 6/2	
									S	10YR 5/2	
					4					10YR 6/2	
										10YR 5/2	
					5				S	10YR 6/2	
										2.5Y 6/2	
					6				S	10YR 5/2	
					7					10YR 6/2	
					CC				M		

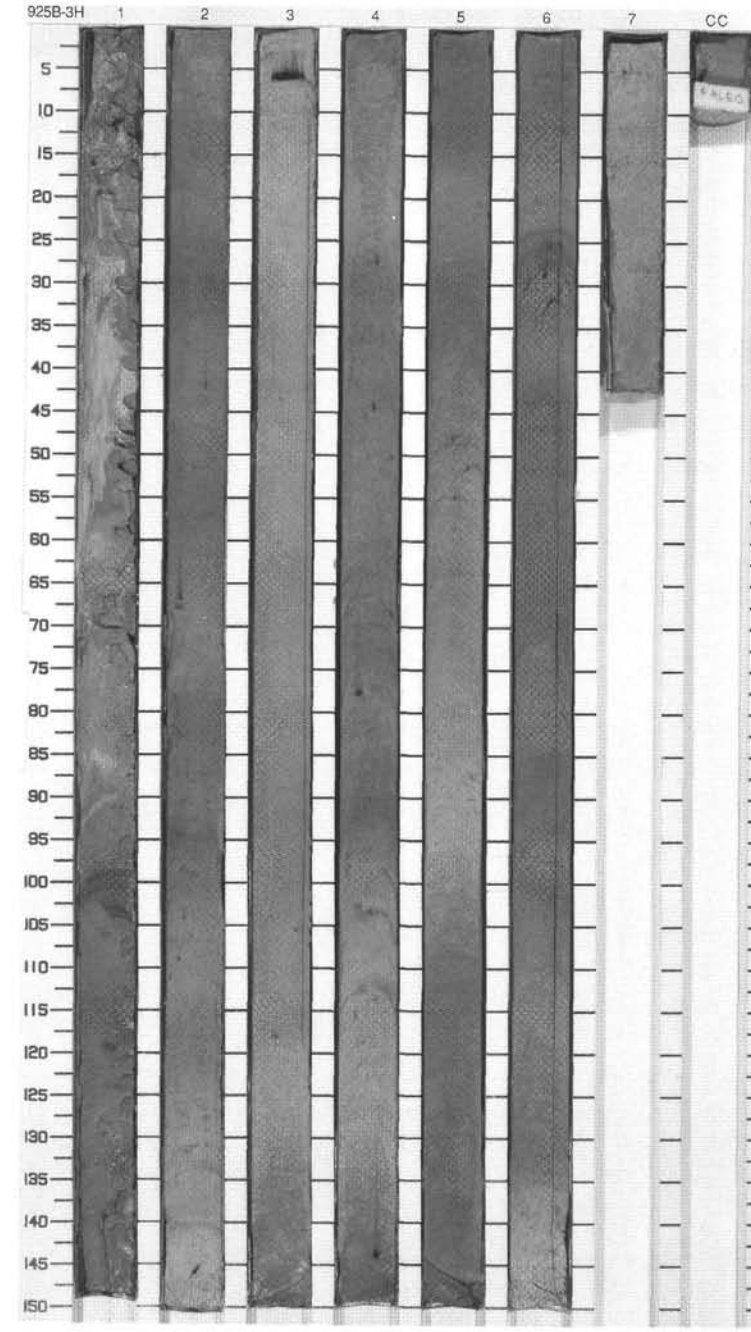


SITE 925 HOLE B CORE 3H CORED 14.0 - 23.5 mbsf

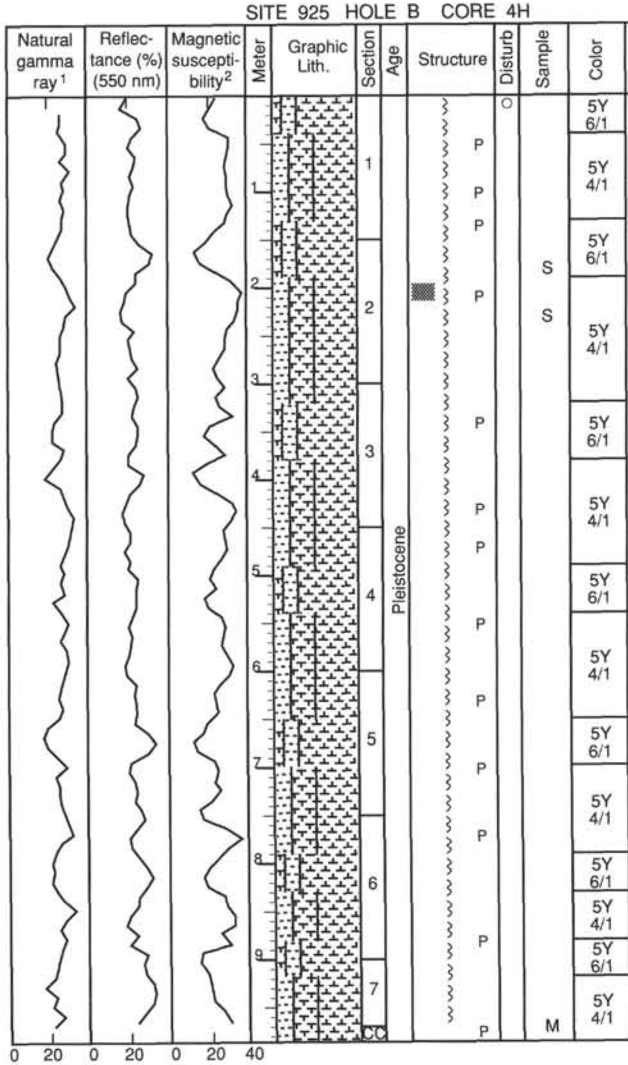


NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and NANNOFOSSIL OOZE

General Description:
This core consists of gray to grayish brown (5Y 5/1 - 2.5Y 5/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and light grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE. There is minor burrow mottling in Section 1, 110–150 cm, Section 2, 0–140 cm, Section 4, 0–150 cm, Section 5, 0–50 cm and Section 6, 20–140 cm. Black pyrite-filled burrows occur intermittently throughout the core. Slightly disturbed (curved) thin color bands occur in Section 1, 98–101 cm, Section 2, 65–75 cm, Section 5, 40–50 cm and Section 6, 22–30 cm.

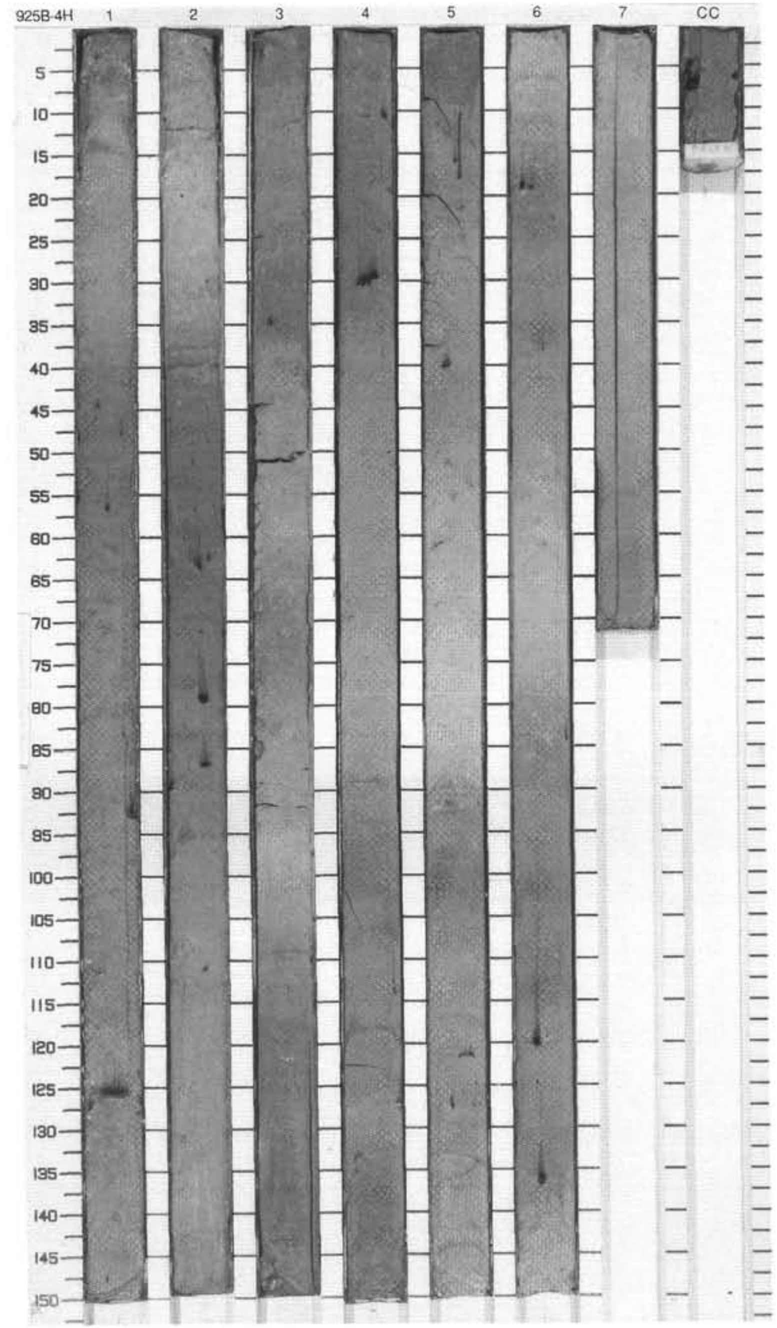


SITE 925 HOLE B CORE 4H — CORED 23.5 - 33.0 mbsf

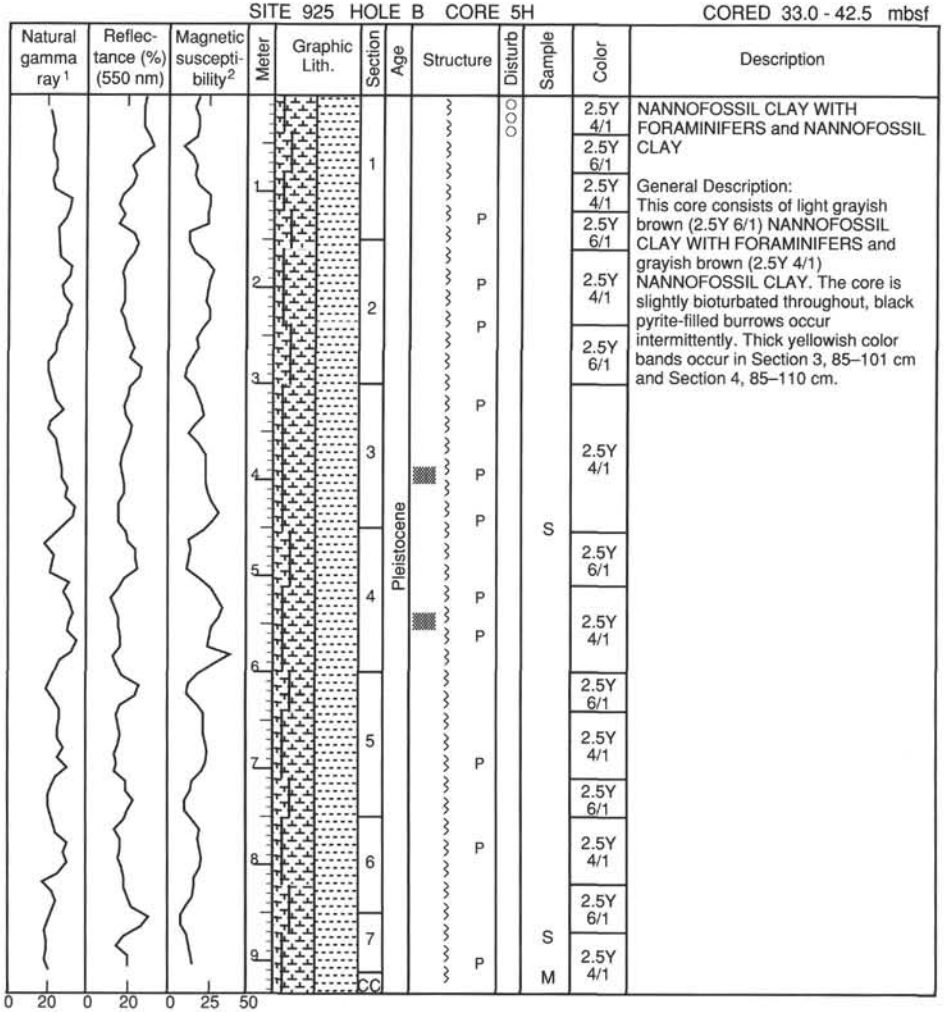


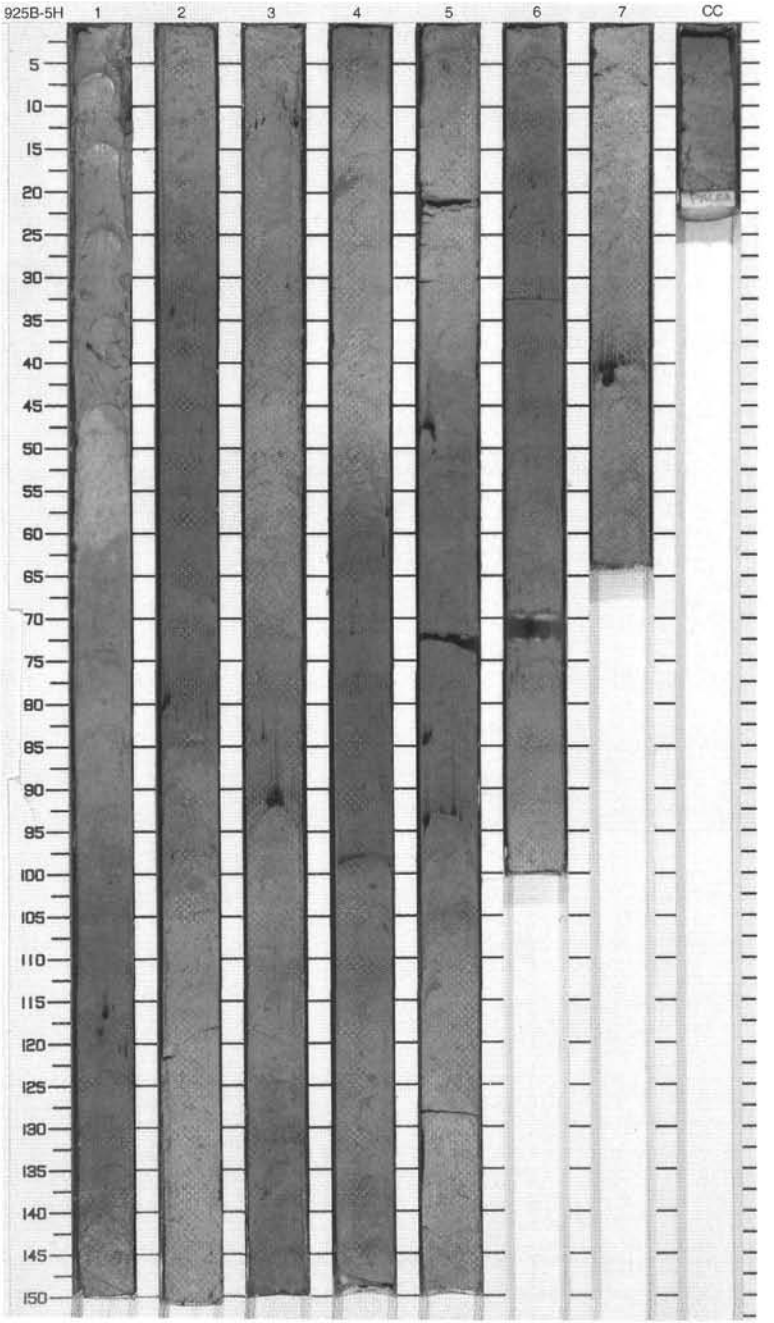
NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY

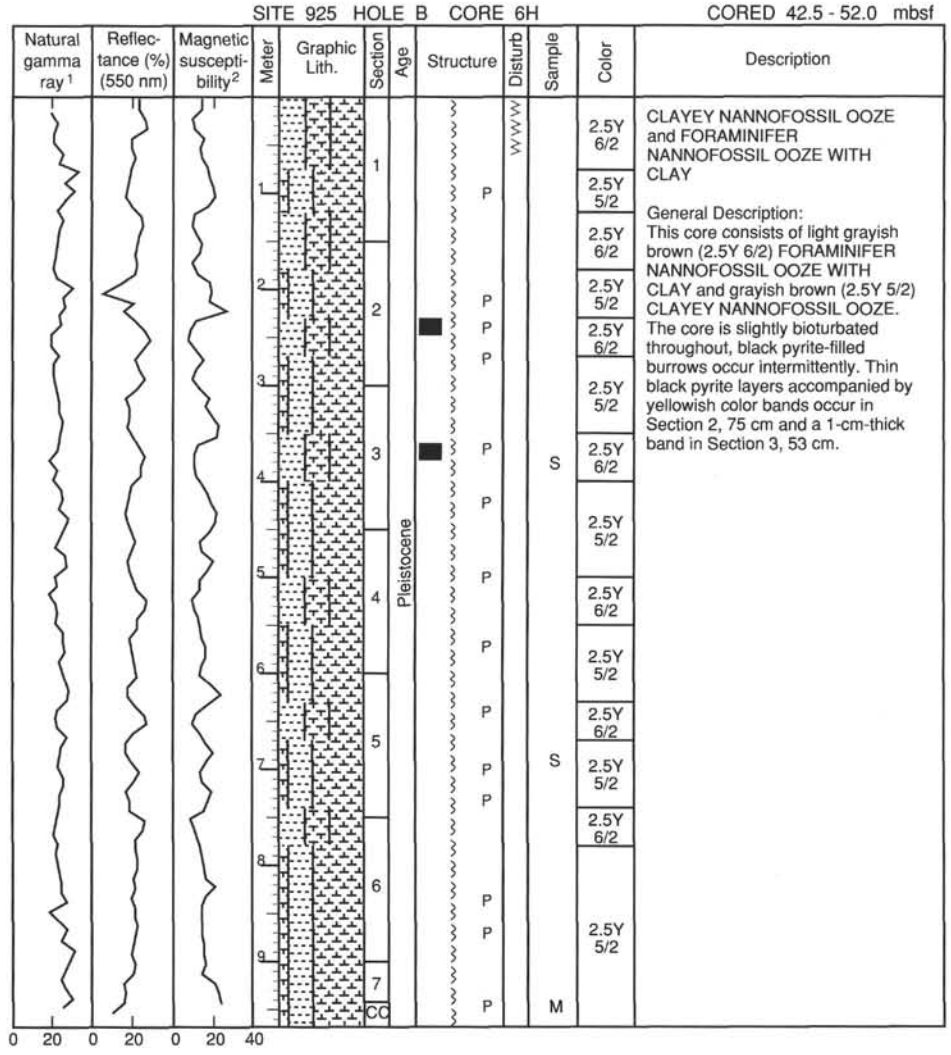
General Description:
This core consists of light grayish brown (5Y 6/1) and grayish brown (5Y 4/1) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. The core is slightly bioturbated throughout, black pyrite-filled burrows occur intermittently. Thick yellowish color bands occur in Section 2, 40–45 cm.

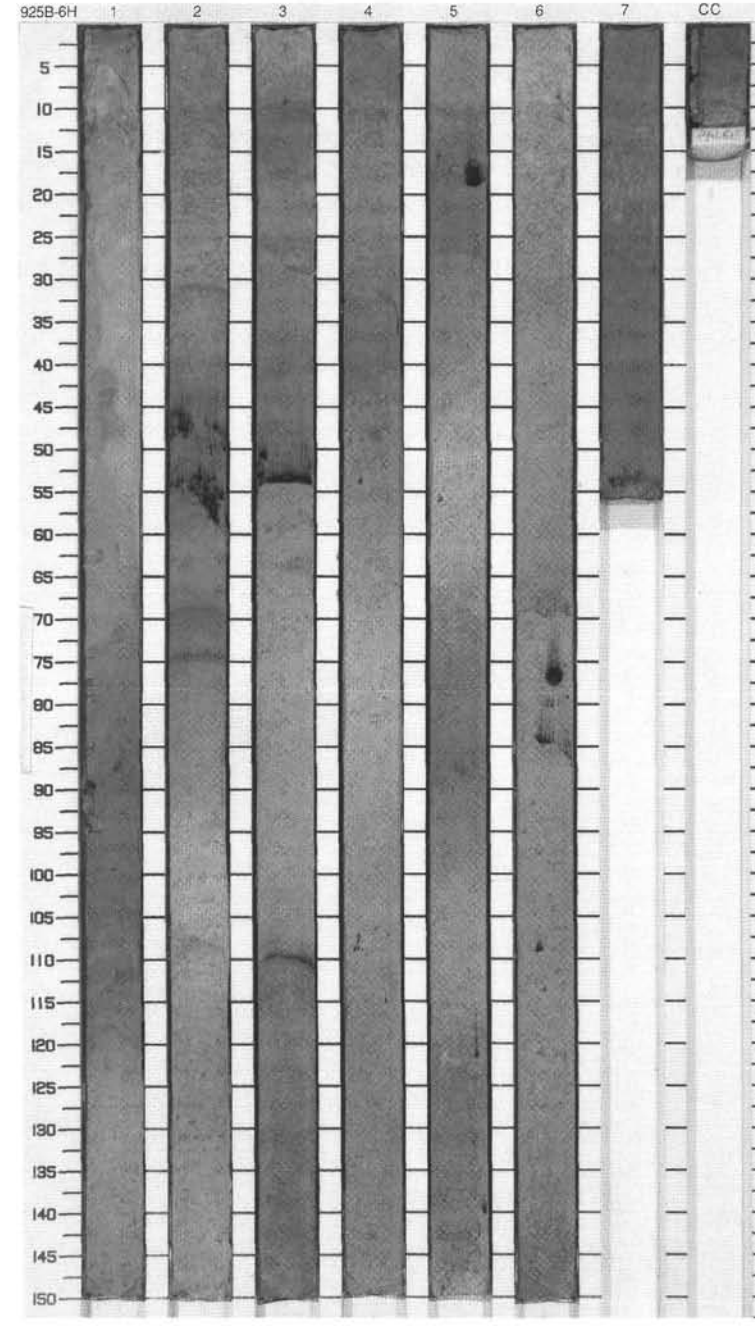


SITE 925 HOLE B CORE 5H CORED 33.0 - 42.5 mbsf



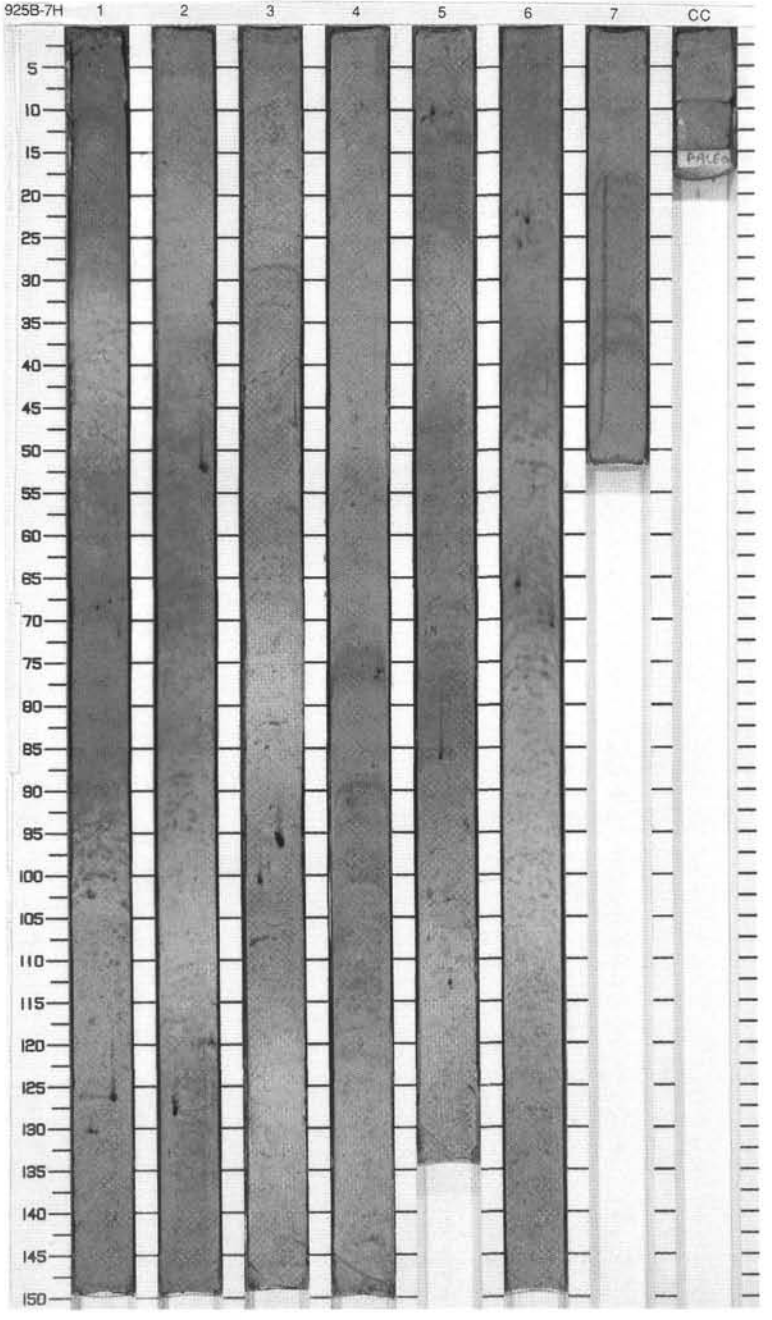



SITE 925 HOLE B CORE 6H
CORED 42.5 - 52.0 mbsf
Natural gamma ray[1]
Reflectance (%) (550 nm)
Magnetic susceptibility[2]
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
Pleistocene
0 20 0 20 0 20 40
CLAYEY NANNOFOSSIL OOZE and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY
General Description:
This core consists of light grayish brown (2.5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown (2.5Y 5/2) CLAYEY NANNOFOSSIL OOZE. The core is slightly bioturbated throughout, black pyrite-filled burrows occur intermittently. Thin black pyrite layers accompanied by yellowish color bands occur in Section 2, 75 cm and a 1-cm-thick band in Section 3, 53 cm.

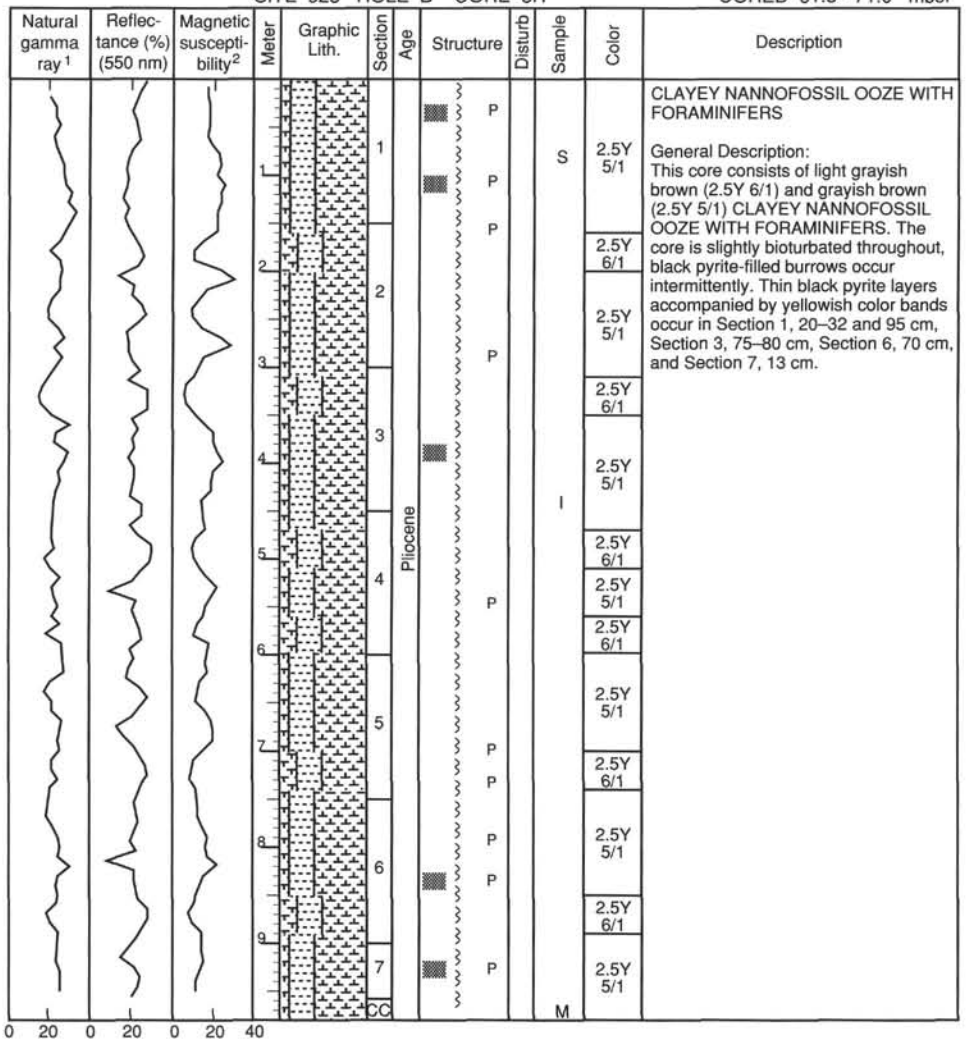

925B-6H
1
2
3
4
5
6
7
CC

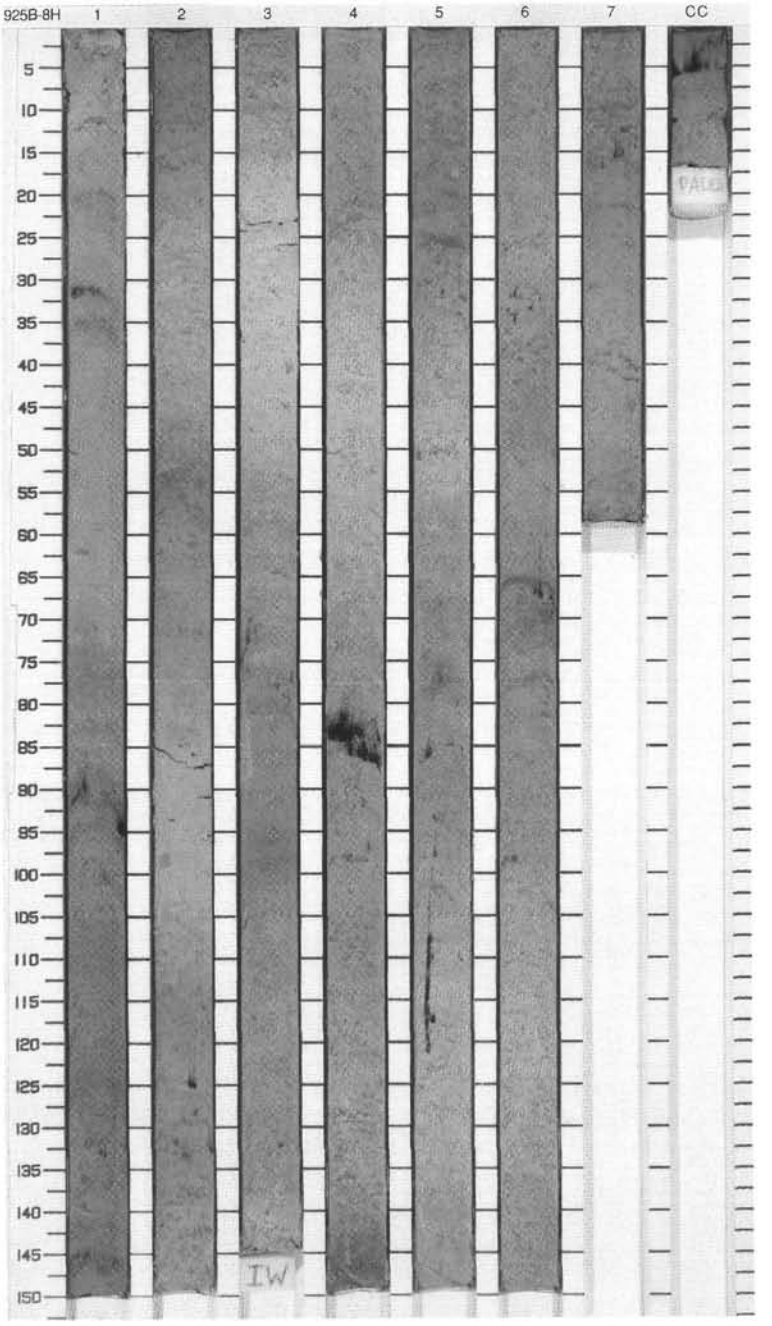
SITE 925 HOLE B CORE 7H CORED 52.0 - 61.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20	0 25 50			1 2 3 4 5 6 7 CC	Pliocene	P	!	S S P M	2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and NANNOFOSSIL CLAY WITH FORAMINIFERS General Description: This core consists of light grayish brown (2.5Y 6/1) NANNOFOSSIL CLAY WITH FORAMINIFERS and grayish brown (2.5Y 5/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The core is slightly bioturbated throughout, black pyrite-filled burrows occur intermittently. Thin black pyrite layers accompanied by yellowish color bands occur in Section 4, 53–90 cm and Section 7, 18–38 cm.

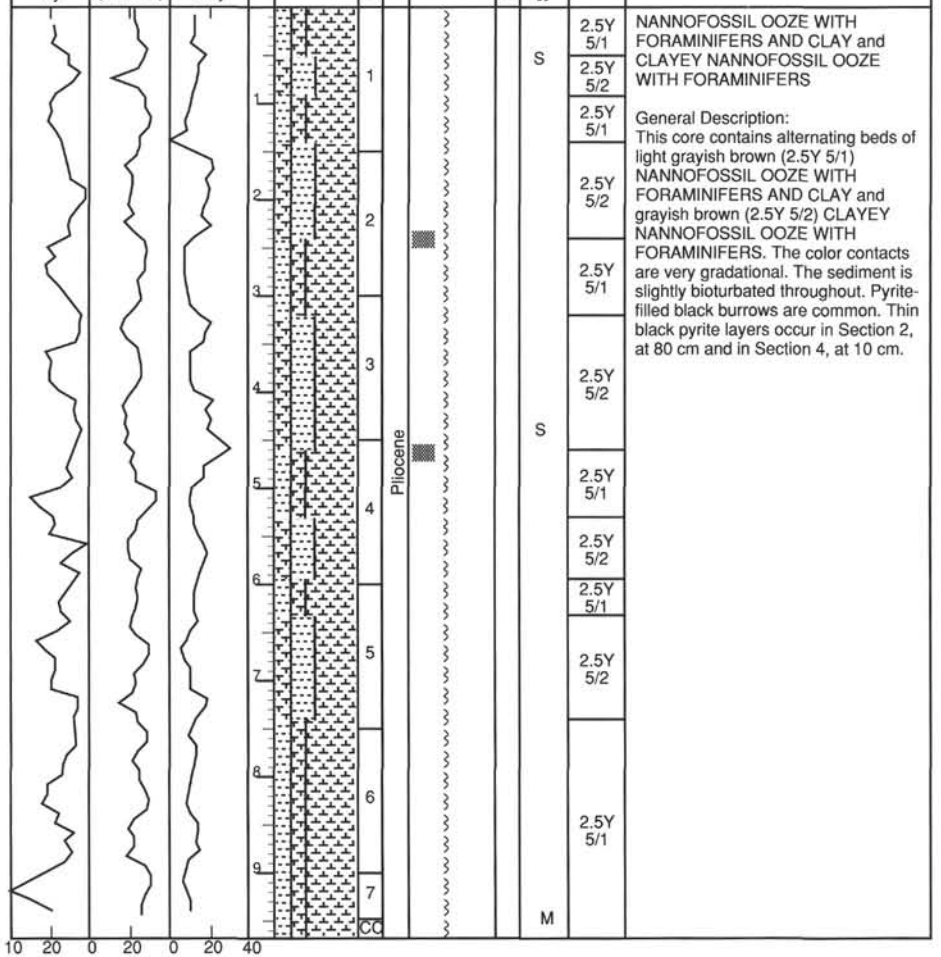


SITE 925 HOLE B CORE 8H CORED 61.5 - 71.0 mbsf



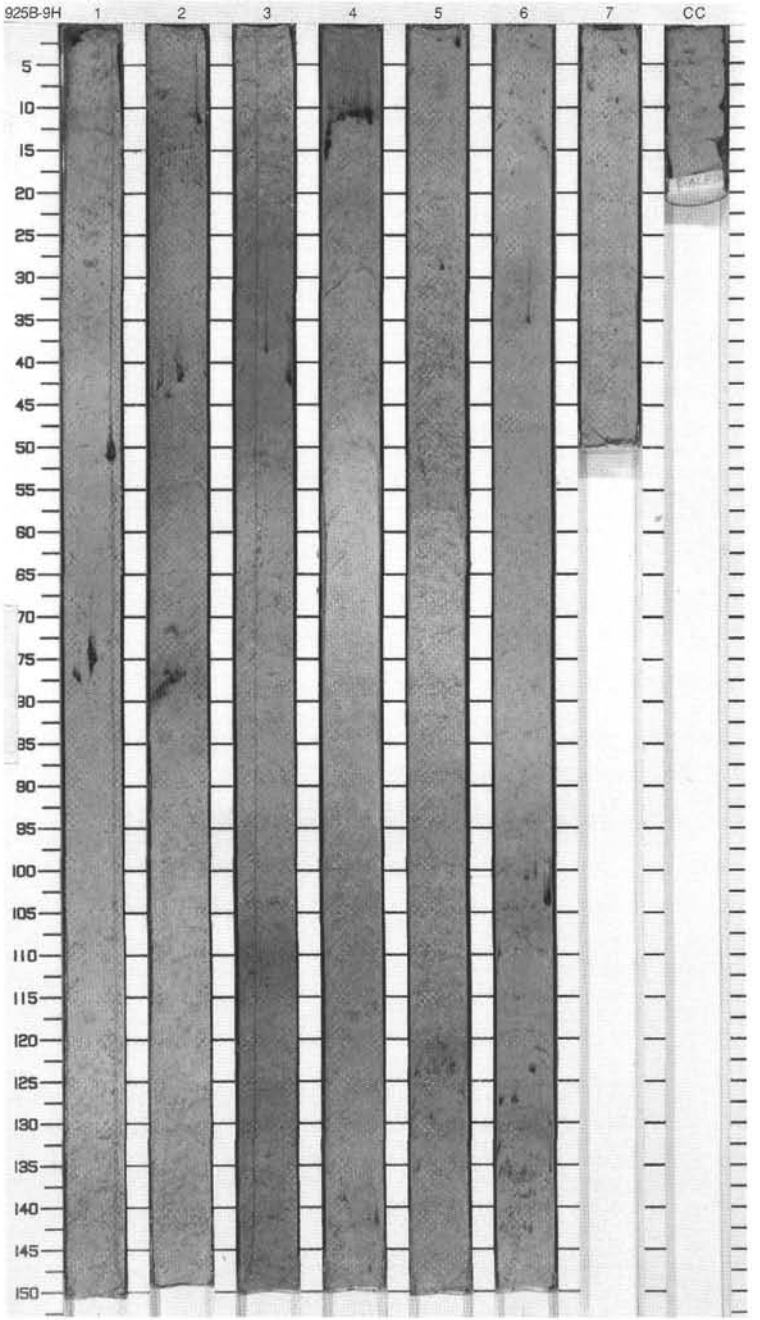


SITE 925 HOLE B CORE 9H CORED 71.0 - 80.5 mbsf



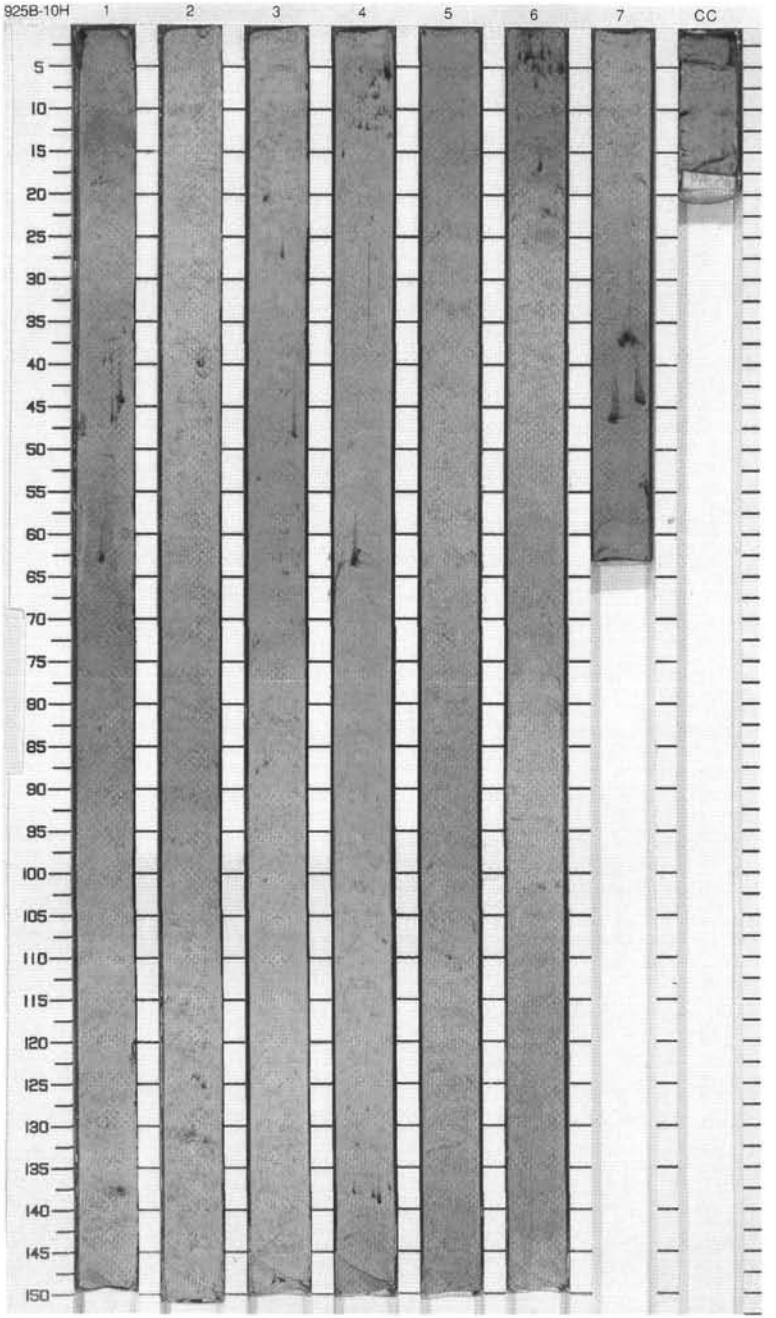
NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS

General Description:
This core contains alternating beds of light grayish brown (2.5Y 5/1) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and grayish brown (2.5Y 5/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The color contacts are very gradational. The sediment is slightly bioturbated throughout. Pyrite-filled black burrows are common. Thin black pyrite layers occur in Section 2, at 80 cm and in Section 4, at 10 cm.



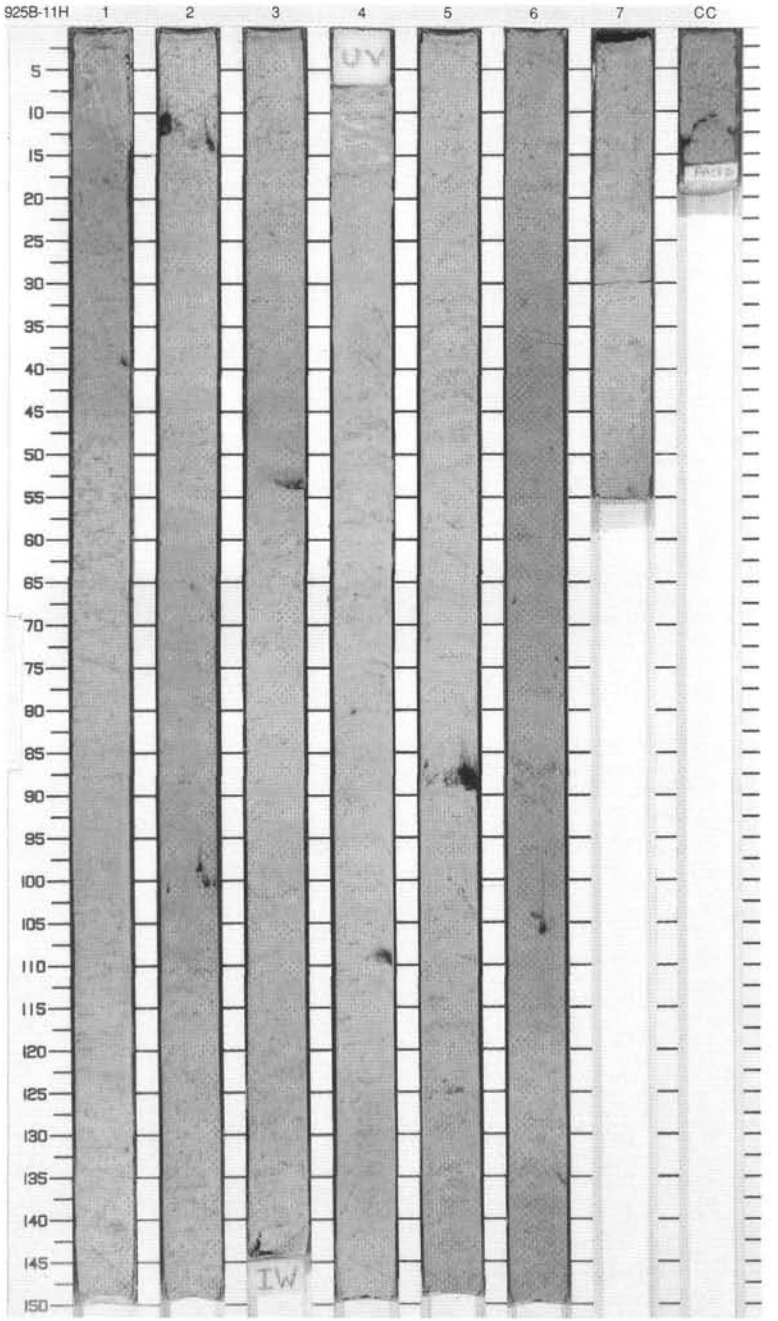
SITE 925 HOLE B CORE 10H CORED 80.5 - 90.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 20	0 25 50	1–9		1–7, CC	Pliocene			S, S, M	2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains alternating beds of light grayish brown (2.5Y 7/2) and grayish brown (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The sediment is slightly bioturbated. Black pyrite concretions as large as 1 cm in diameter are common throughout the core.



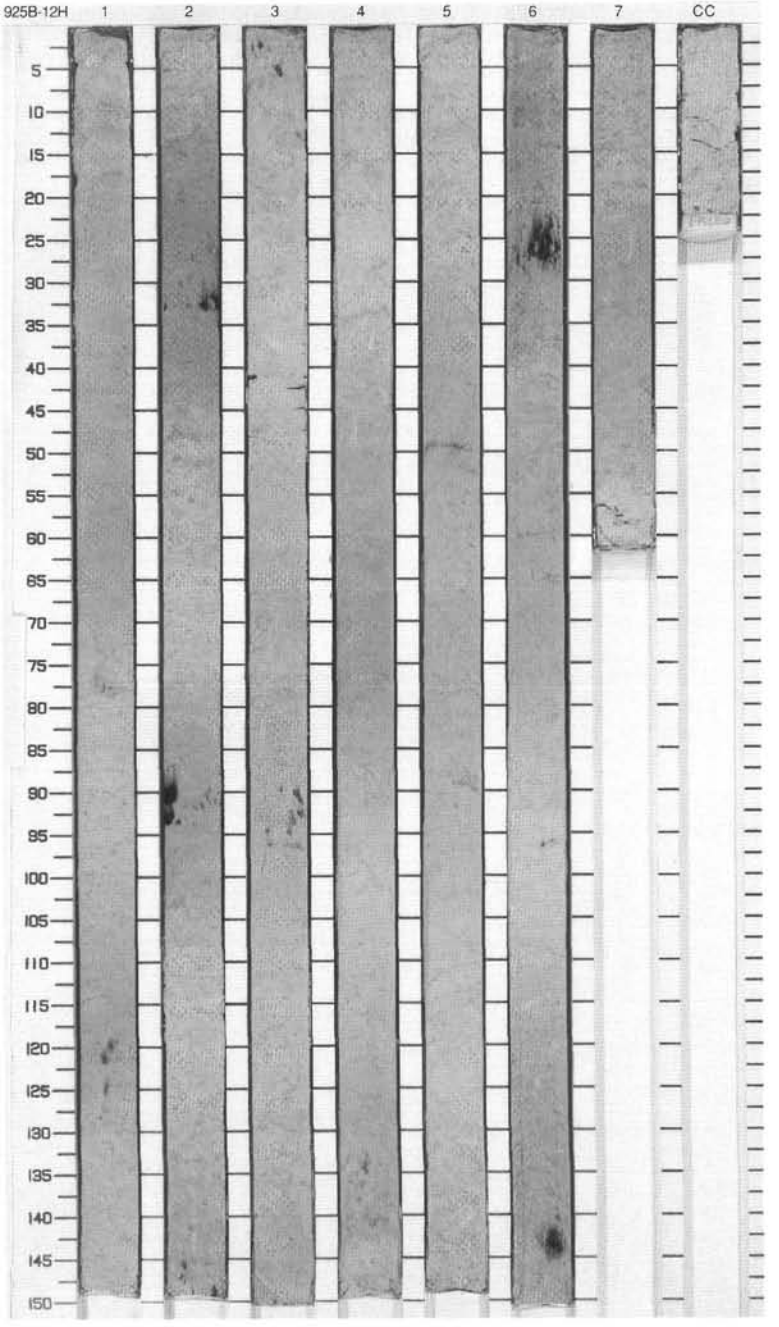
SITE 925 HOLE B CORE 11H CORED 90.0 - 99.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 25 50	1–9		1–7, CC	Pliocene	P		S, S, S, I, M	2.5Y 6/2; 2.5Y 5/2; 2.5Y 6/2; 2.5Y 5/2; 2.5Y 6/2; 2.5Y 5/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY General Description: This core consists of light grayish brown (2.5Y 5/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and grayish brown (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The color contacts are very gradational. The sediment is slightly bioturbated throughout. Thin black layers with disseminated pyrite or pyrite concretions (up to 2 cm in diameter) are common throughout the core.



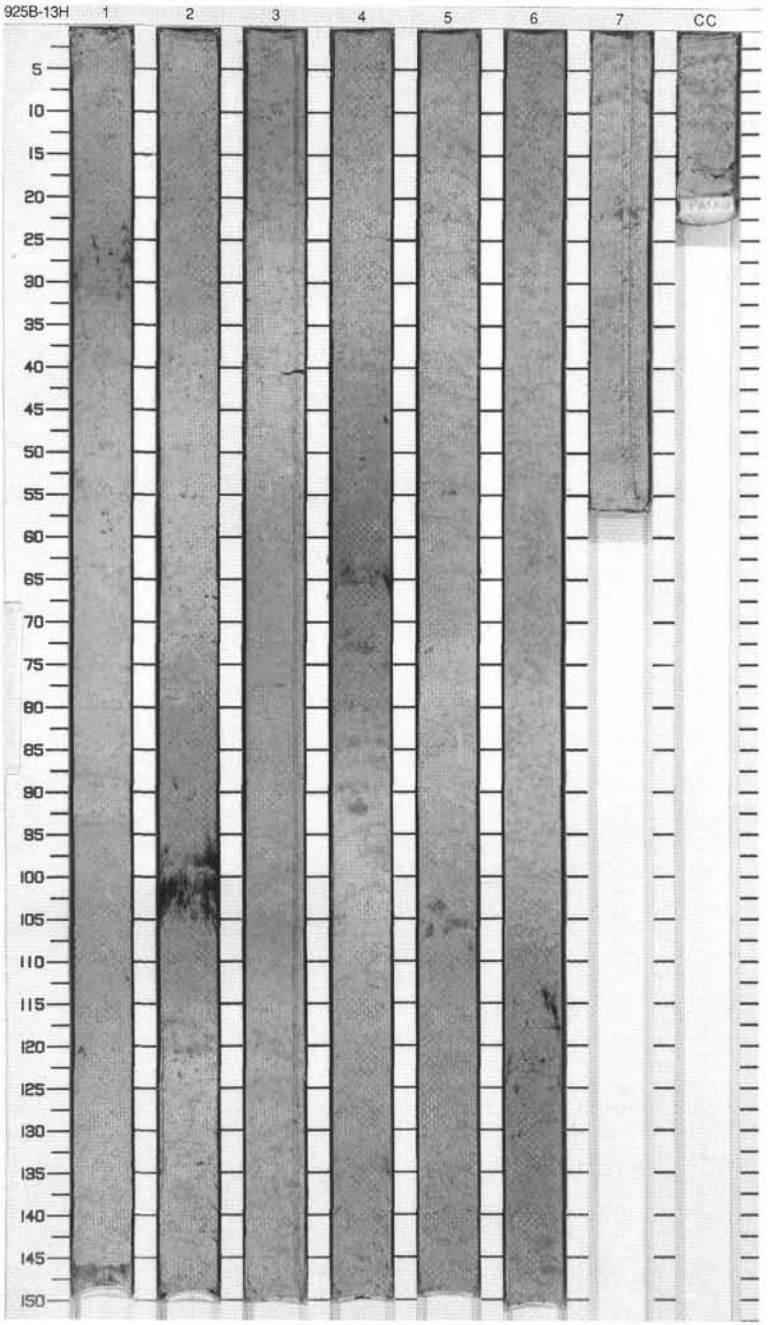
SITE 925 HOLE B CORE 12H CORED 99.5 - 109.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25	0 20 40	1–9		1–7, CC	Pliocene	P, (P)		S, M	2.5Y 5/2; 2.5Y 7/2	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains light gray (2.5Y 5/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS in alternating sections with very gradational contacts. The core is slightly bioturbated with several obvious burrow marks. Many pyrite concretions and areas with disseminated pyrite occur, most notably in Section 1 at 120 cm, Section 2 at 33, 90, and 145–149 cm, and Section 6 at 20–28 and 144–148 cm. Several of these concretions are 2 cm or greater in diameter.



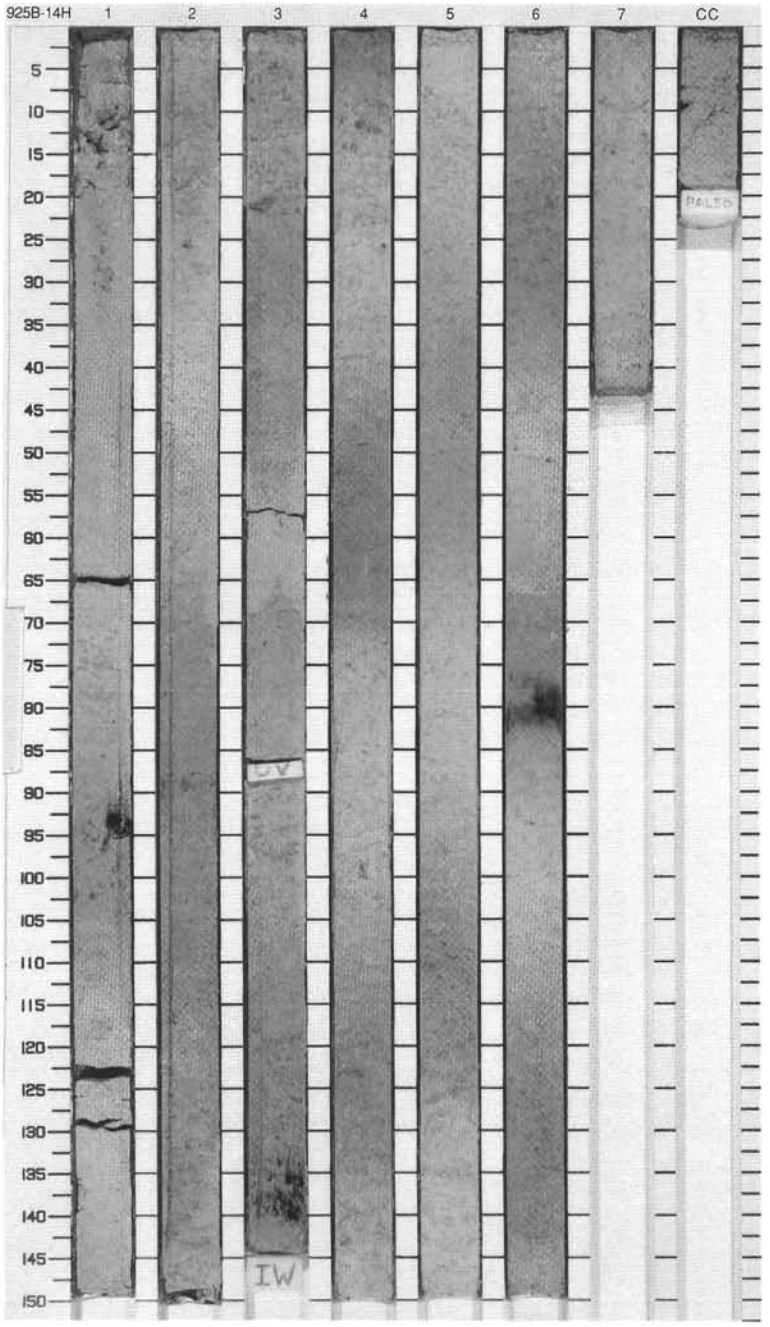
SITE 925 HOLE B CORE 13H CORED 109.0 - 118.5 mbsf

Natural gamma ray [1]	Reflectance (%) (550 nm)	Magnetic susceptibility [2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20	0 50 100	1–9		1–7, CC	Pliocene	P, P, P		S, S, M	2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains alternating beds of light gray (2.5Y 6/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown (2.5Y 5/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The color contacts are very gradational. The sediment is *slightly bioturbated throughout. Thin* black layers (gradational color contacts) with disseminated pyrite and pyrite concretions are present in Section 1, at 20–30 cm, Section 2, at 95–105 cm, Section 4, at 63–66 cm, Section 5, at 102–108 cm, and in Section 6, at 114–120 cm.

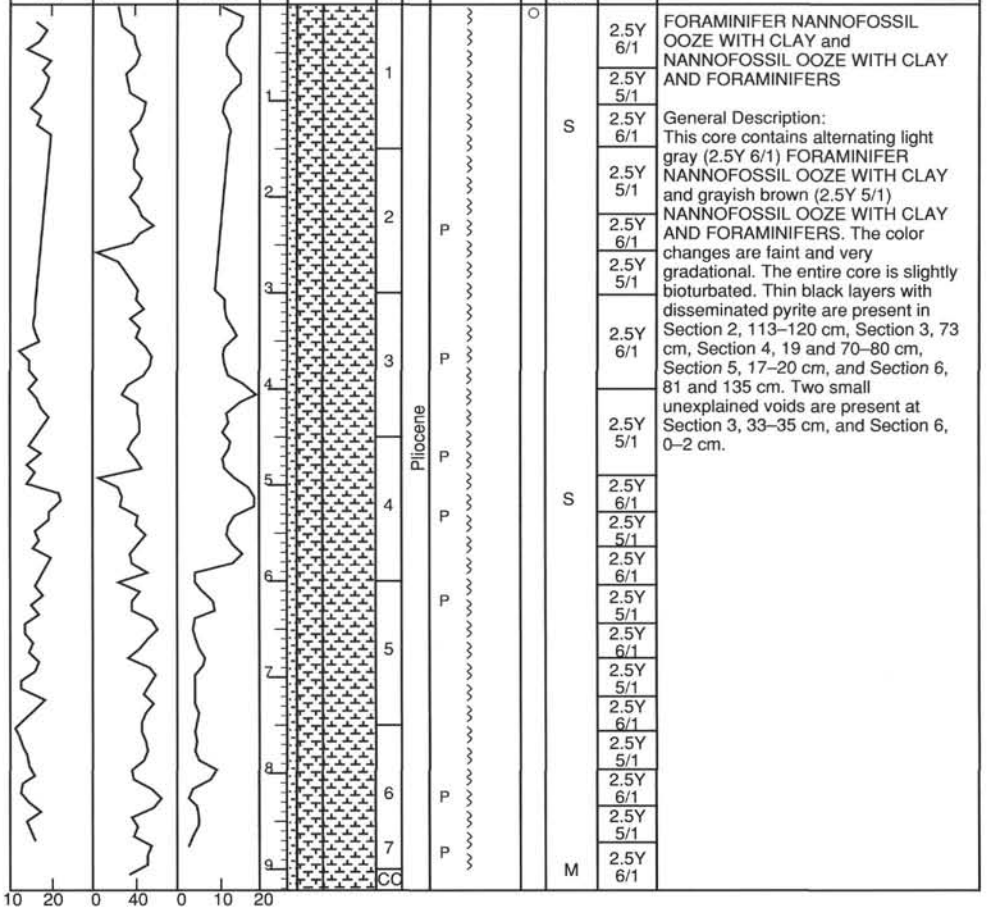


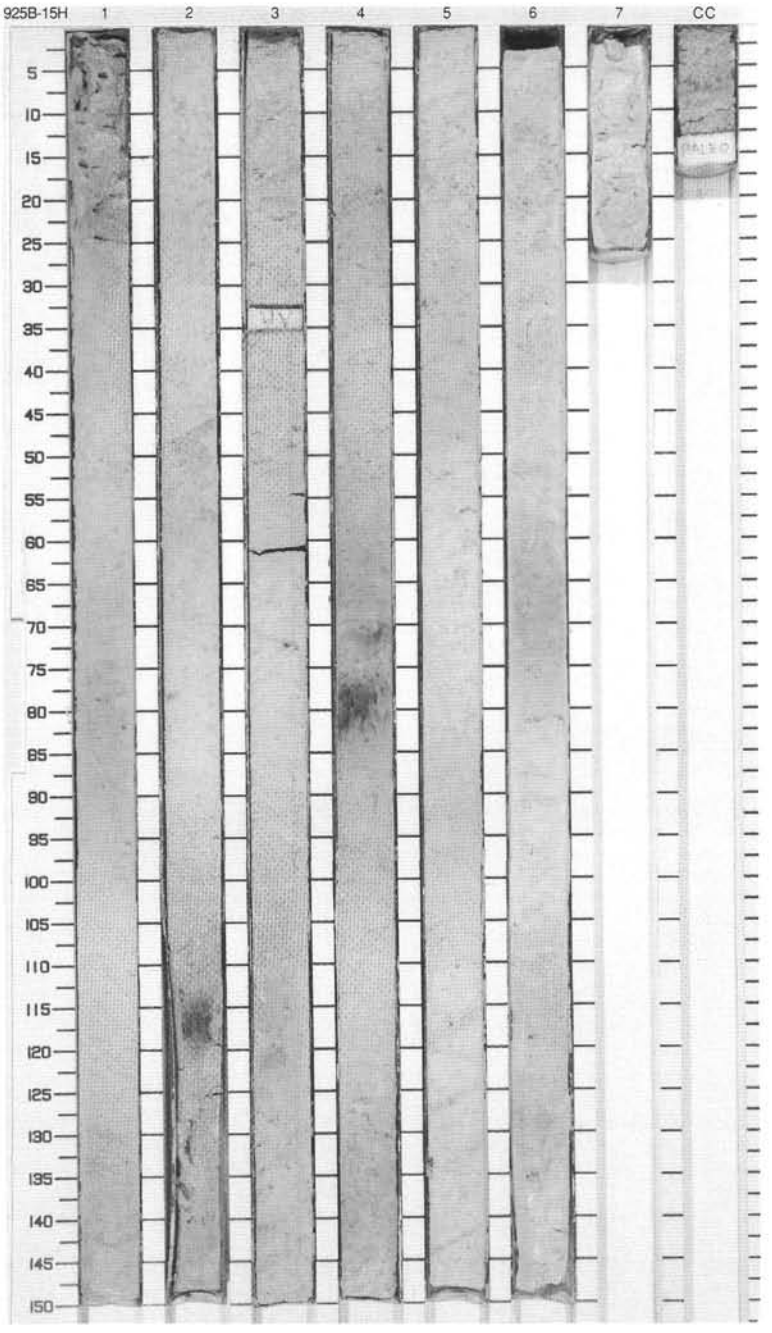
SITE 925 HOLE B CORE 14H CORED 118.5 - 128.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 14.5 25			1 2 3 4 5 6 7 CC	Pliocene	P, P, P, P		S S I M	2.5Y 6/2; 2.5Y 5/2; 2.5Y 6/2; 2.5Y 6/2 To 2.5Y 5/2	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY General Description: This core contains light gray (2.5Y 6/1 to 6/2) to grayish brown (2.5Y 5/1 to 5/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. The color contacts are very gradational. Below Section 2, 20 cm, alternating beds of different colors occur within intervals that are shorter than 30 cm. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite or pyrite concretions are present in Section 1, 25 and 95 cm, Section 2, 25–30 and 90–95 cm, Section 3, 130–140 cm, and Section 6 at 77–80 cm.



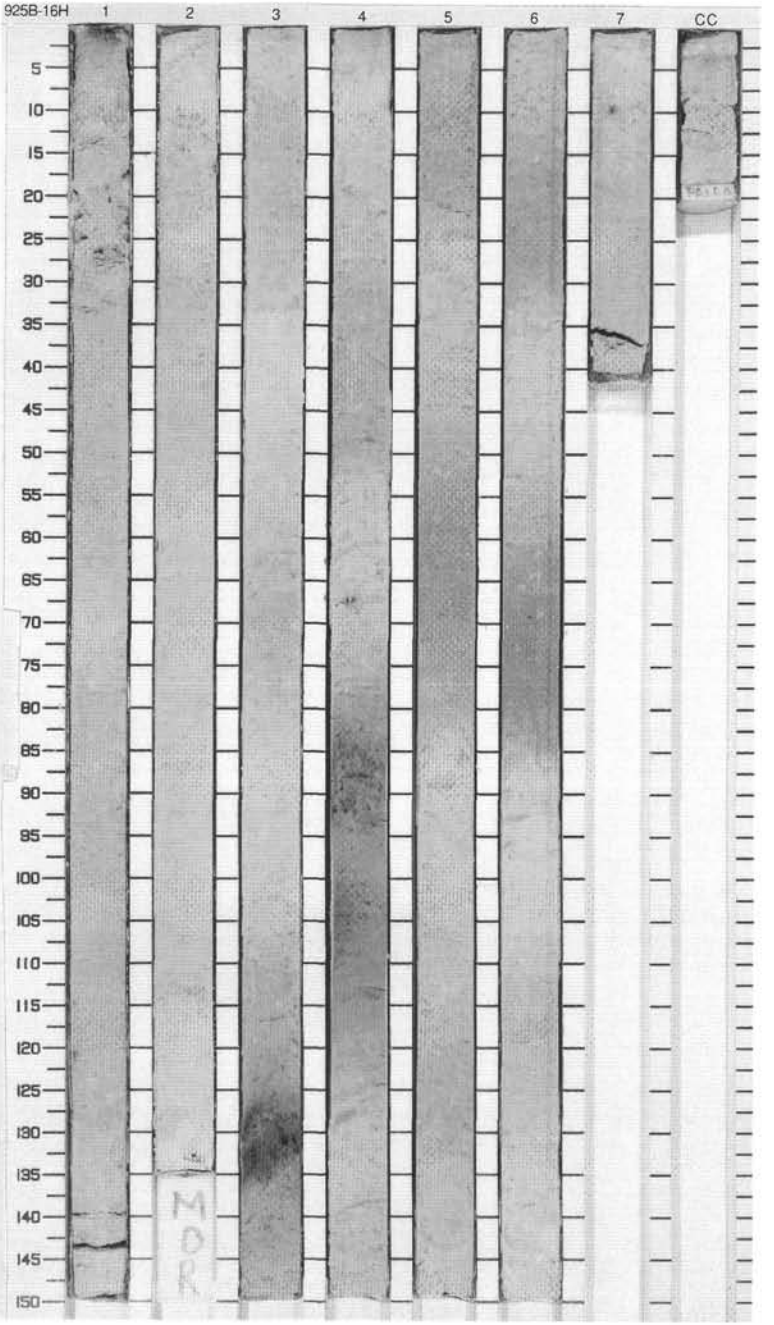
SITE 925 HOLE B CORE 15H CORED 128.0 - 137.5 mbsf





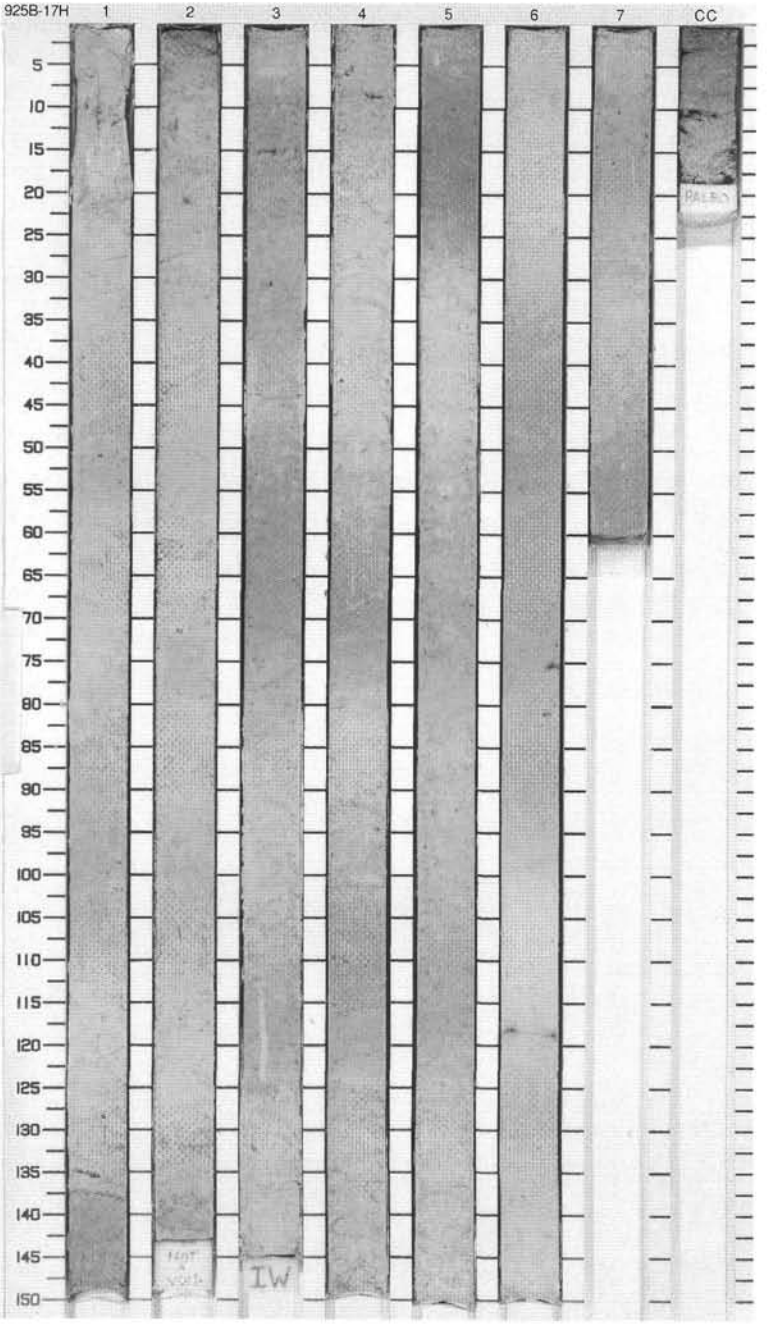
SITE 925 HOLE B CORE 16H CORED 137.5 - 147.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 50	0 20 40	1–9		1	Pliocene			P	2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains alternating light gray (2.5Y 7/2) and grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with *disseminated pyrite are present in* Section 3, 127–135 cm, Section 4, 85–94 and 103–105 cm, and Section 7, 10 cm.
					2						
					3				S		
					4		P P P			2.5Y 6/2 2.5Y 7/2 2.5Y 6/2 2.5Y 7/2	
					5					2.5Y 6/2 2.5Y 7/2	
					6		P		S	2.5Y 6/2 2.5Y 7/2 2.5Y 6/2	
					7					2.5Y 6/2	
					CC				M		



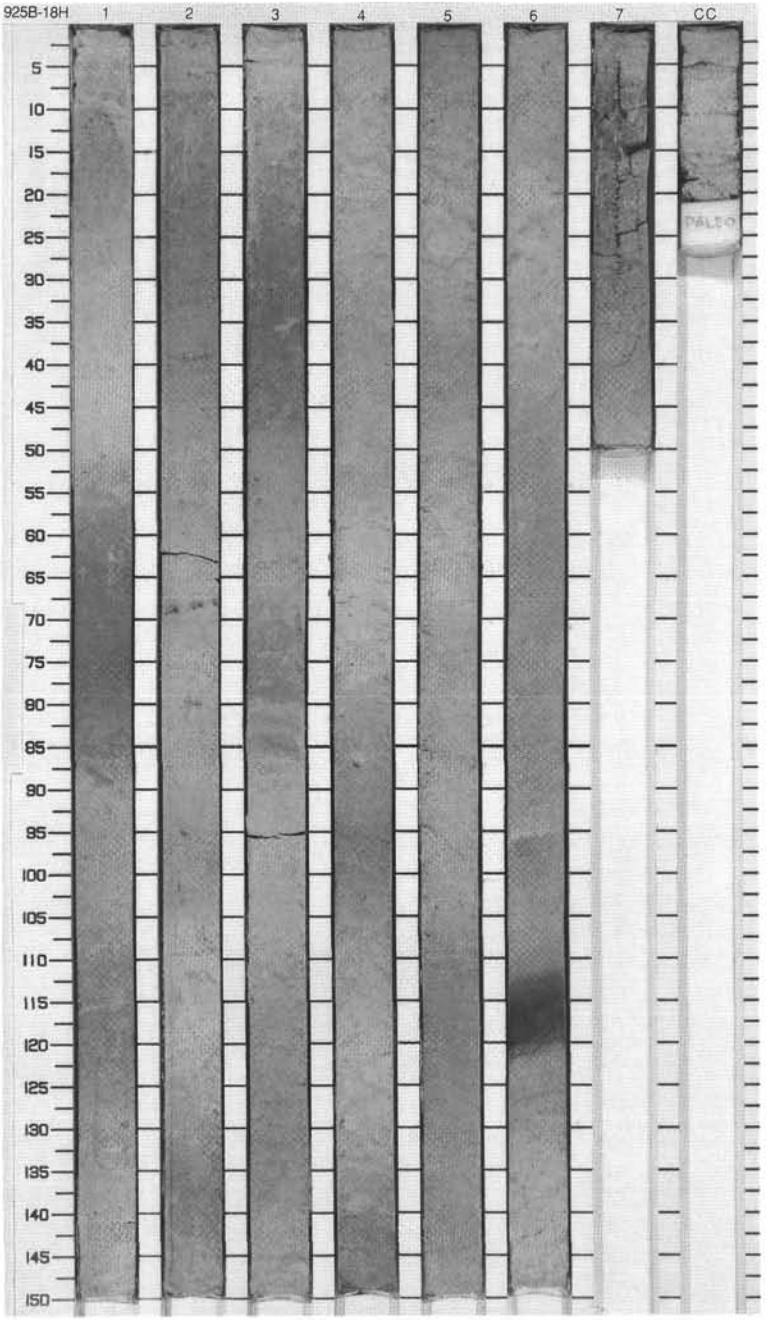
SITE 925 HOLE B CORE 17H CORED 147.0 - 156.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 20 40	1–9		1	late Miocene	P			2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating light gray (2.5Y 7/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite are present in Section 1, 135–138 cm, Section 2, 31 cm, Section 3, 14 cm, Section 4, 8 cm, Section 6, 74 and 120 cm. In Section 1, 135 cm, a sharp, probably erosional contact occurs with pyrite on top of it. The void at the base of Section 2 does not exist.
										2.5Y 6/2	
					2		P		S	2.5Y 7/2	
							P			2.5Y 6/2	
					3					2.5Y 7/2	
					4		P		I	2.5Y 6/2	
										2.5Y 7/2	
					5				S	2.5Y 7/2	
					6		P			2.5Y 6/2	
							P			2.5Y 7/2	
					7				M	2.5Y 6/2	
					CC						



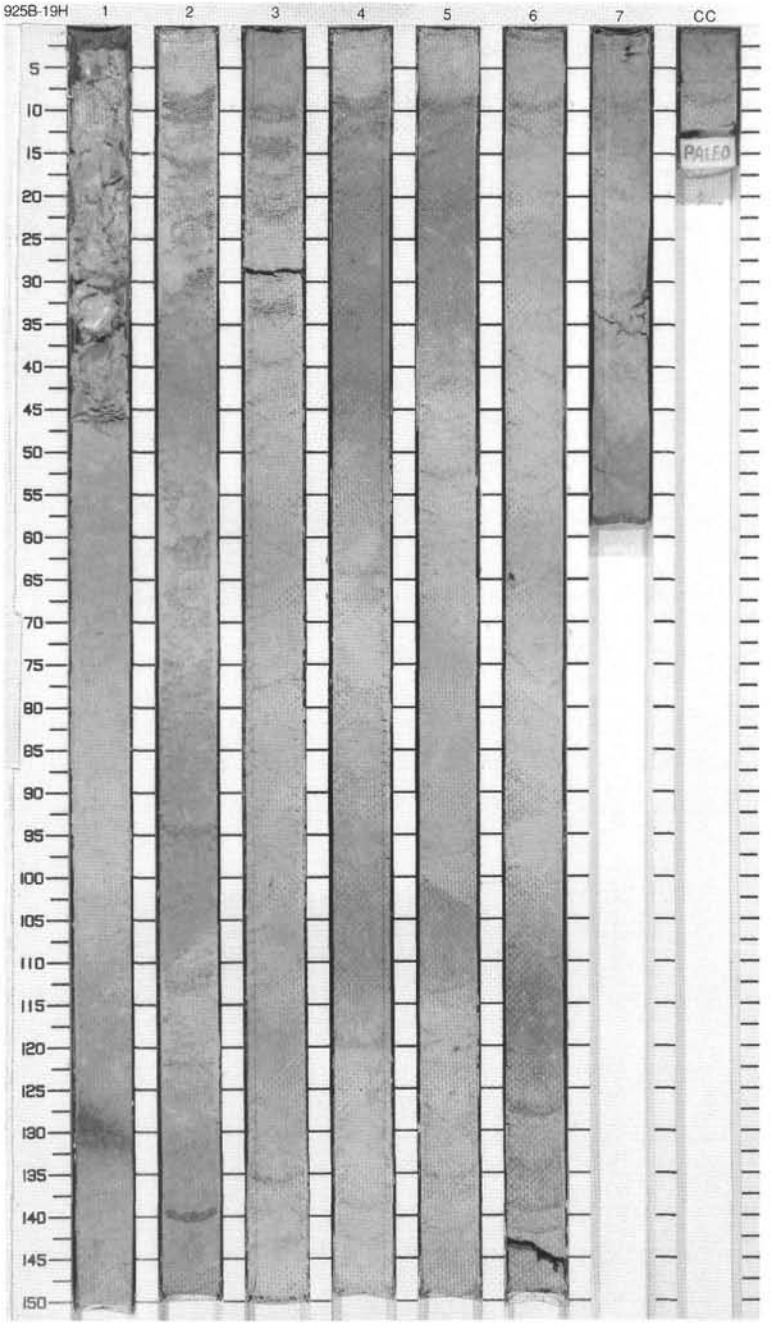
SITE 925 HOLE B CORE 18H CORED 156.5 - 166.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 20 40	1–9		1–7, CC	late Miocene	P		S, M	10YR 7/2; 10YR 6/2; 10YR 6/2 To 10YR 7/2; 10YR 6/2; 10YR 7/2; 10YR 6/2; 10YR 7/2; 10YR 6/2; 10YR 7/2; 10YR 6/2; 10YR 7/2; 10YR 6/2; 10YR 7/2	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating light gray (10YR 7/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown (10YR 6/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite are present in Section 2, 67 and 79 cm, and Section 4, 87 cm. A thick, black (7.5PB 4/1) color band is present in Section 6, 112–120 cm, with a few thin yellow color bands below. Almost all of Section 7 is heavily disturbed by drilling.



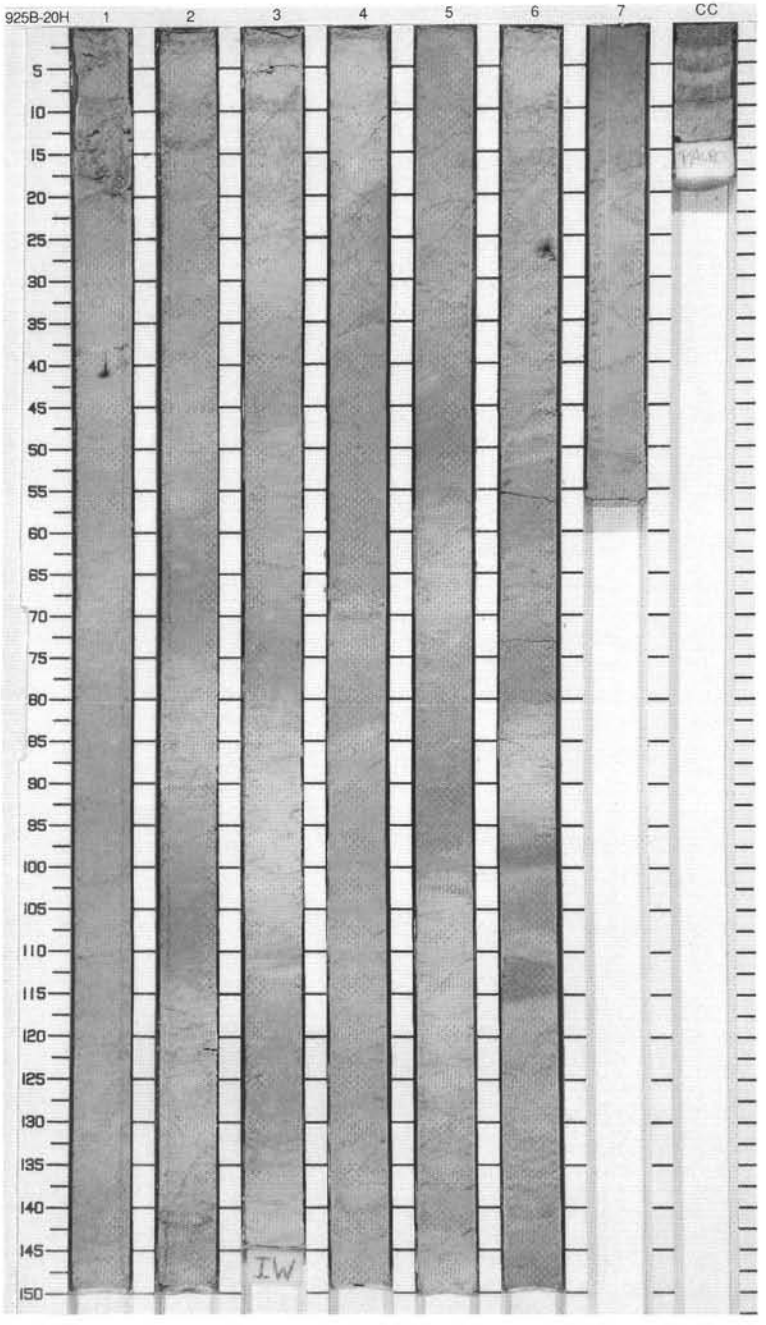
SITE 925 HOLE B CORE 19H CORED 166.0 - 175.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–9		1	late Miocene	P	OOO	S	10YR 6/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS
										10YR 7/2	
										10YR 6/2	General Description: This core contains alternating light gray (10YR 7/2) and grayish brown (10YR 6/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite are present in Section 2, 130–133 cm, and Section 6, 20–40 cm. A thick, black (7.5PB 4/1) color band is present in Section 1, 127–131 cm, with a few thin yellow color bands below. The bottom of Section 7 is heavily disturbed by imploding of the liner due to drilling.
					2		P			10YR 7/2	
										10YR 6/2	
										10YR 7/2	
										10YR 6/2	
					3		P			10YR 7/2	
					4				S	10YR 6/2	
										10YR 7/2	
										10YR 6/2	
										10YR 7/2	
					5					10YR 6/2	
										10YR 7/2	
										10YR 6/2	
					6		P			10YR 7/2	
					7			WW	M	10YR 6/2	
					CC						



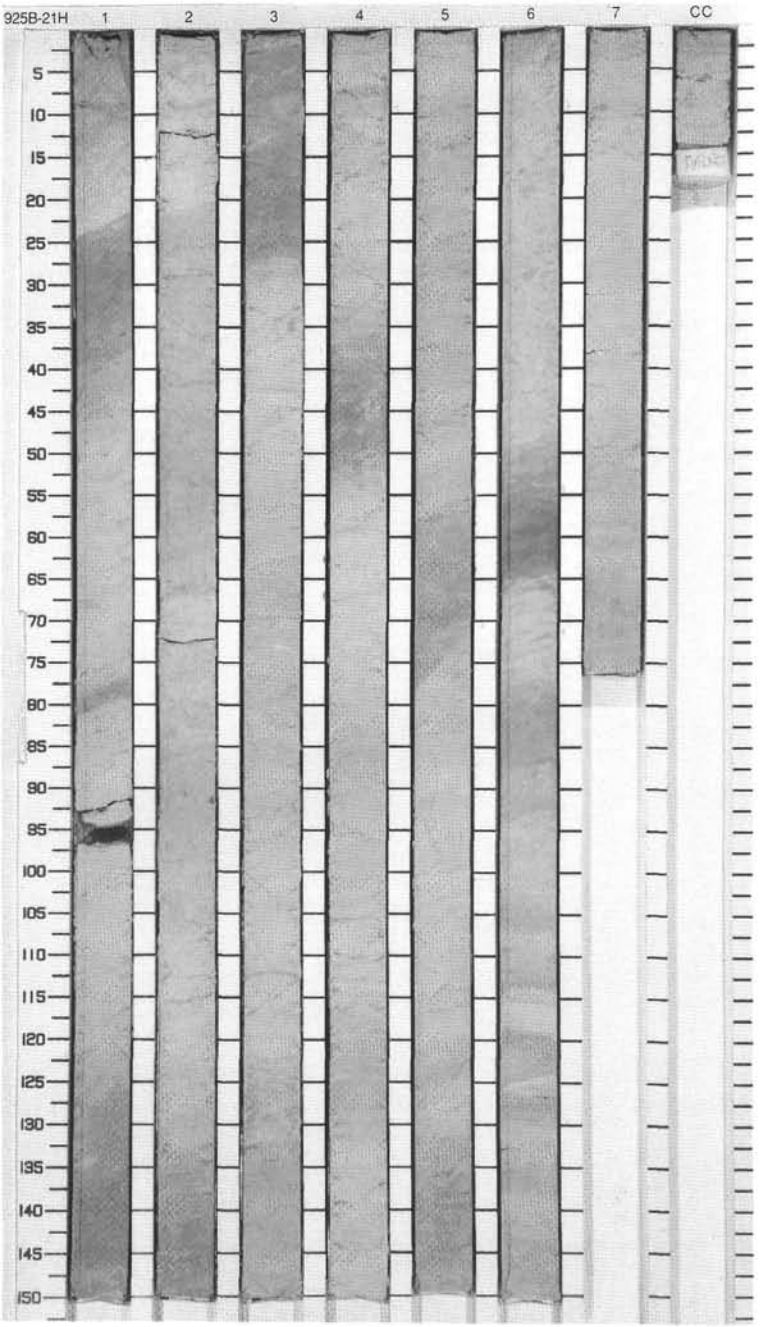
SITE 925 HOLE B CORE 20H CORED 175.5 - 185.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
15 20	20 40	0 10 20	1–9		1	late Miocene	P	○		2.5Y 7/2	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY General Description: This core contains alternating light gray (2.5Y 7/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite are present in Section 1, 40 cm, and Section 6, 25 cm. The uppermost 20 cm of Section 1 is soupy due to drilling.
					2					2.5Y 6/2	
										2.5Y 7/2	
					3					2.5Y 6/2	
									S	2.5Y 7/2	
					4				I	2.5Y 6/2	
									S	2.5Y 7/2	
					5					2.5Y 6/2	
										2.5Y 7/2	
					6		P			2.5Y 6/2	
										2.5Y 7/2	
					7						
					CC				M		



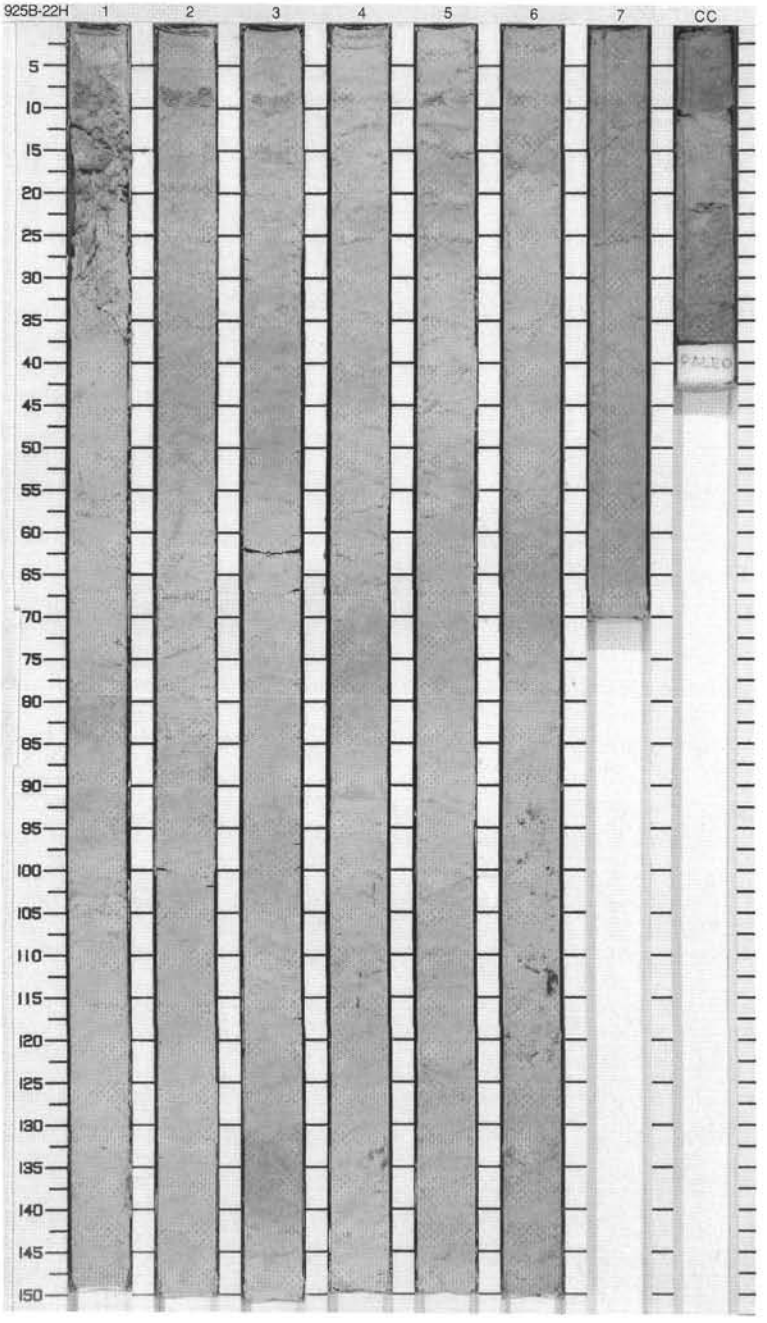
SITE 925 HOLE B CORE 21H CORED 185.0 - 194.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–9		1–7, CC	late Miocene	P	W	S	2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains alternating light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE WITH CLAY. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite are present in Section 1, 84 cm. In Section 5, 74–120, and Section 6, 125–134 cm, there is evidence for stretch and flow-in patterns due to drilling. A few sharp and tilted color contacts suggest distortion due to coring.



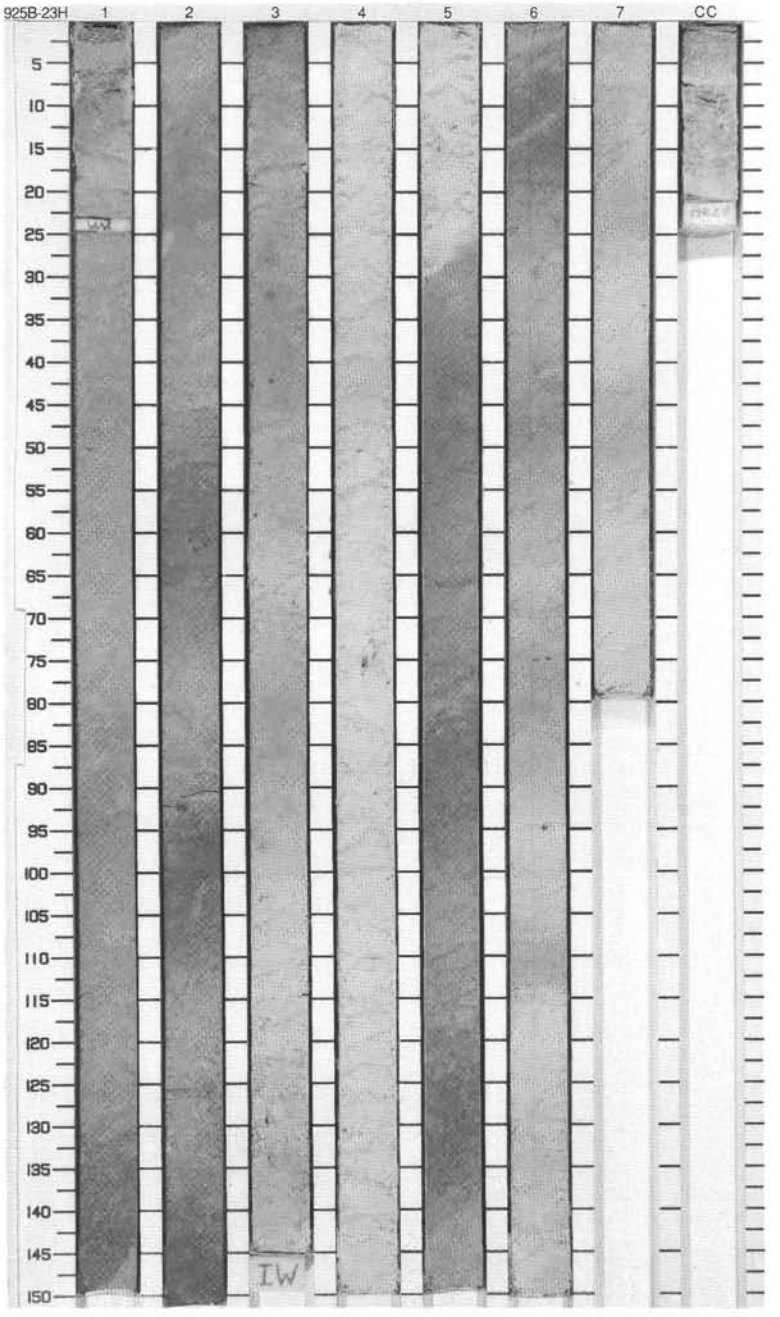
SITE 925 HOLE B CORE 22H CORED 194.5 - 204.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25	0 10 20	1–10		1	late Miocene				2.5Y 7/2	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating light gray (2.5Y 7/2) and grayish brown (2.5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. The color changes are faint and very gradational. The entire core is slightly bioturbated. Thin black layers with disseminated pyrite are present in Section 4, 136–137 cm, and in Section 6, 90–120 cm.
										2.5Y 6/2	
					2					2.5Y 7/2	
										2.5Y 6/2	
					3					2.5Y 7/2	
										2.5Y 6/2	
					4		P		S		
					5					2.5Y 7/2	
					6		P				
					7					2.5Y 6/2	
					CC				M		

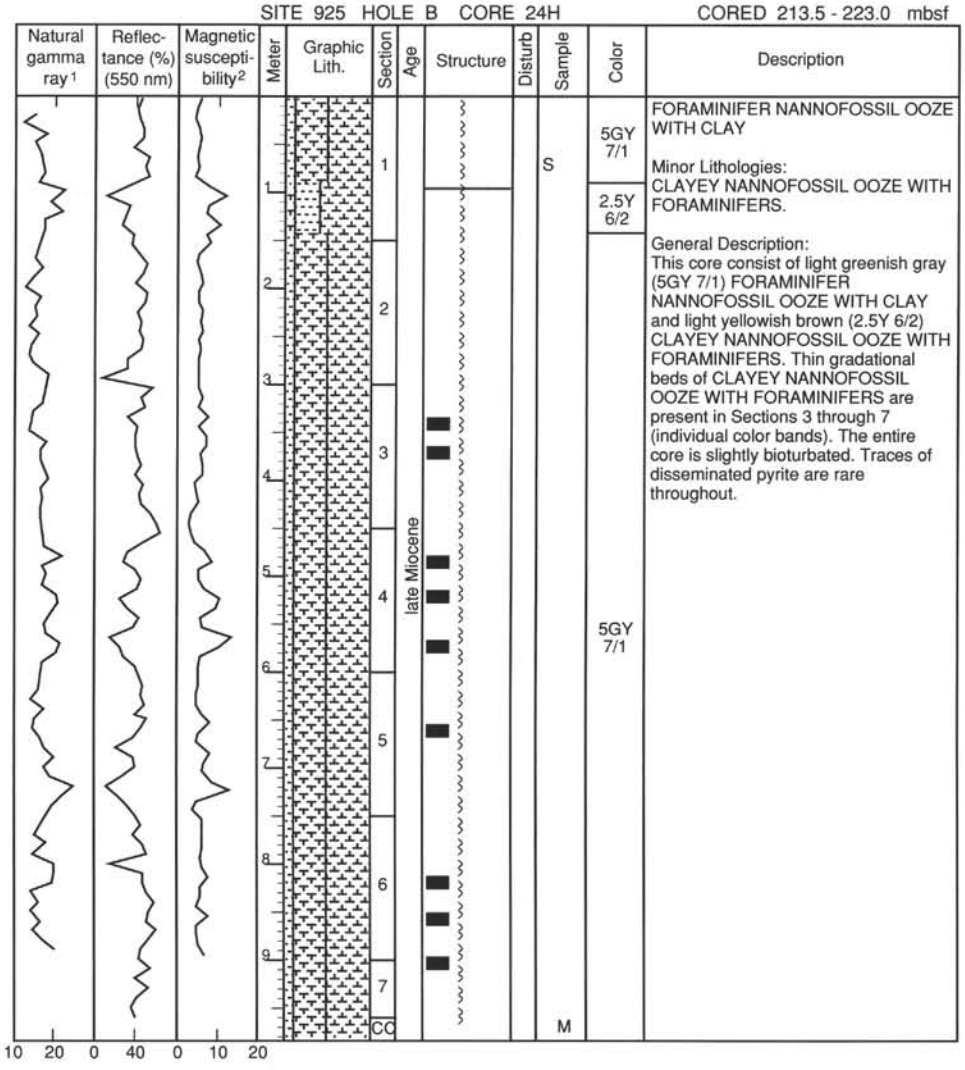


SITE 925 HOLE B CORE 23H CORED 204.0 - 213.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene	P P P P P P		S S M	5Y 6/3 To 2.5Y 5/2; 7.5GY 7/1; 5Y 6/3 To 2.5Y 5/2; 7.5GY 7/1 To 5Y 6/3	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of yellowish brown to brown (5Y 6/3, 2.5Y 5/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and light gray to yellowish brown (7.5GY 7/1, 5Y 6/3) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. A sharply dipping color contact occurs in Section 5 at 27 cm; other color contacts are very gradational. The sediment is slightly bioturbated and mottled. Spots of disseminated pyrite are common.



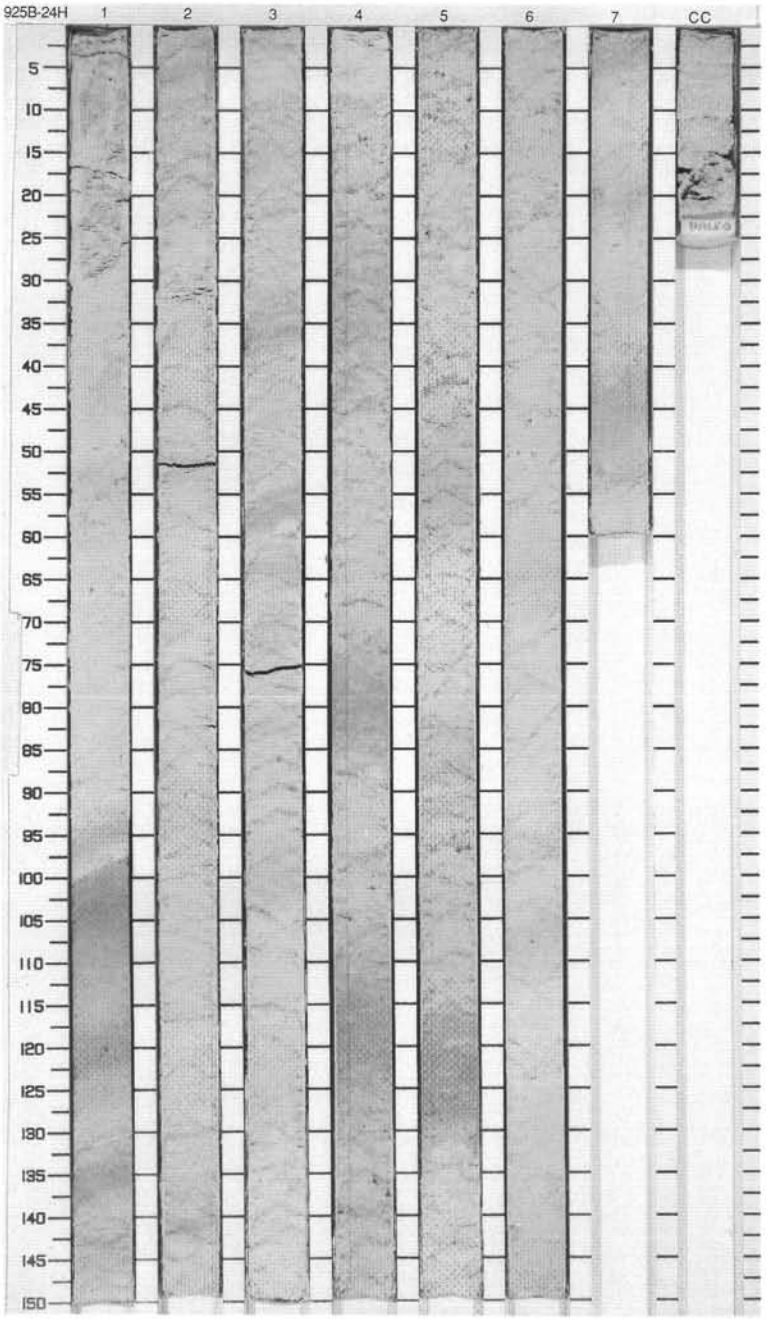
SITE 925 HOLE B CORE 24H CORED 213.5 - 223.0 mbsf



FORAMINIFER NANNOFOSSIL OOZE WITH CLAY

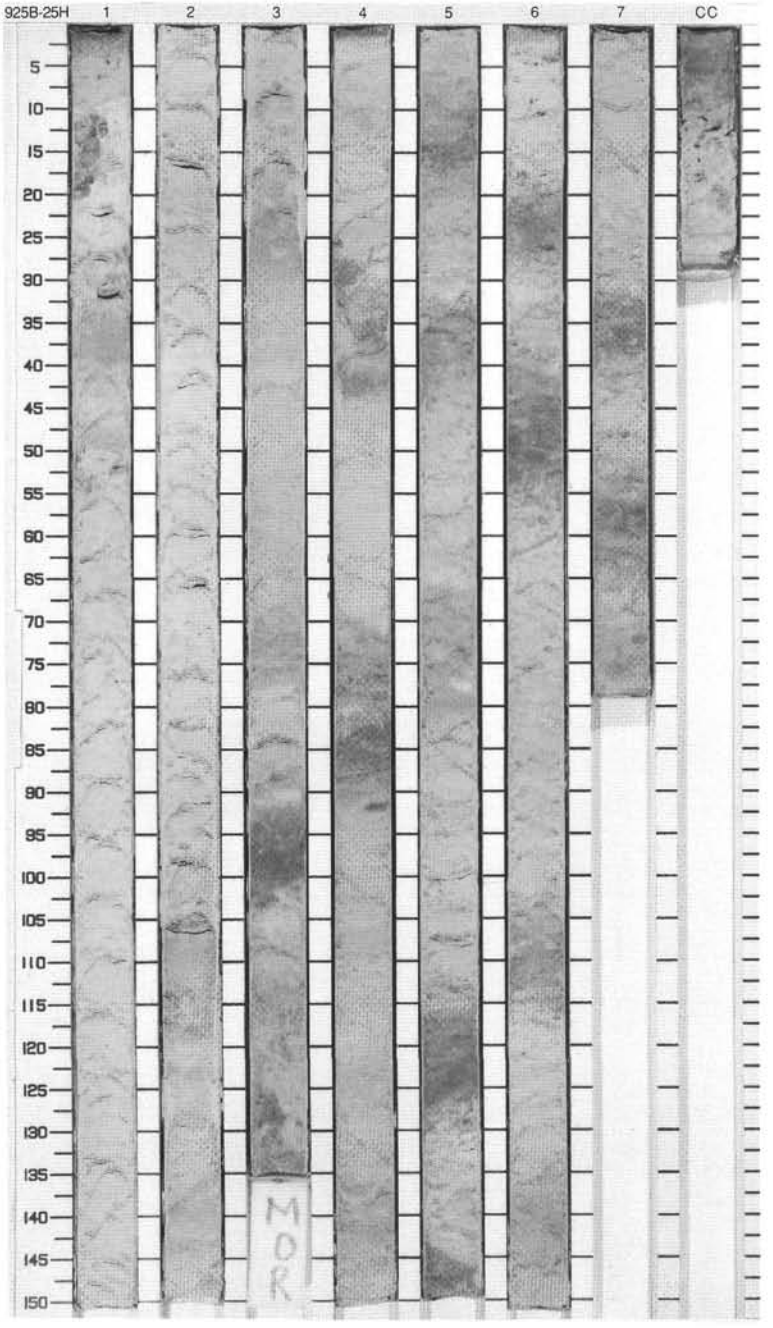
Minor Lithologies:
CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS.

General Description:
This core consist of light greenish gray (5GY 7/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and light yellowish brown (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Thin gradational beds of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are present in Sections 3 through 7 (individual color bands). The entire core is slightly bioturbated. Traces of disseminated pyrite are rare throughout.



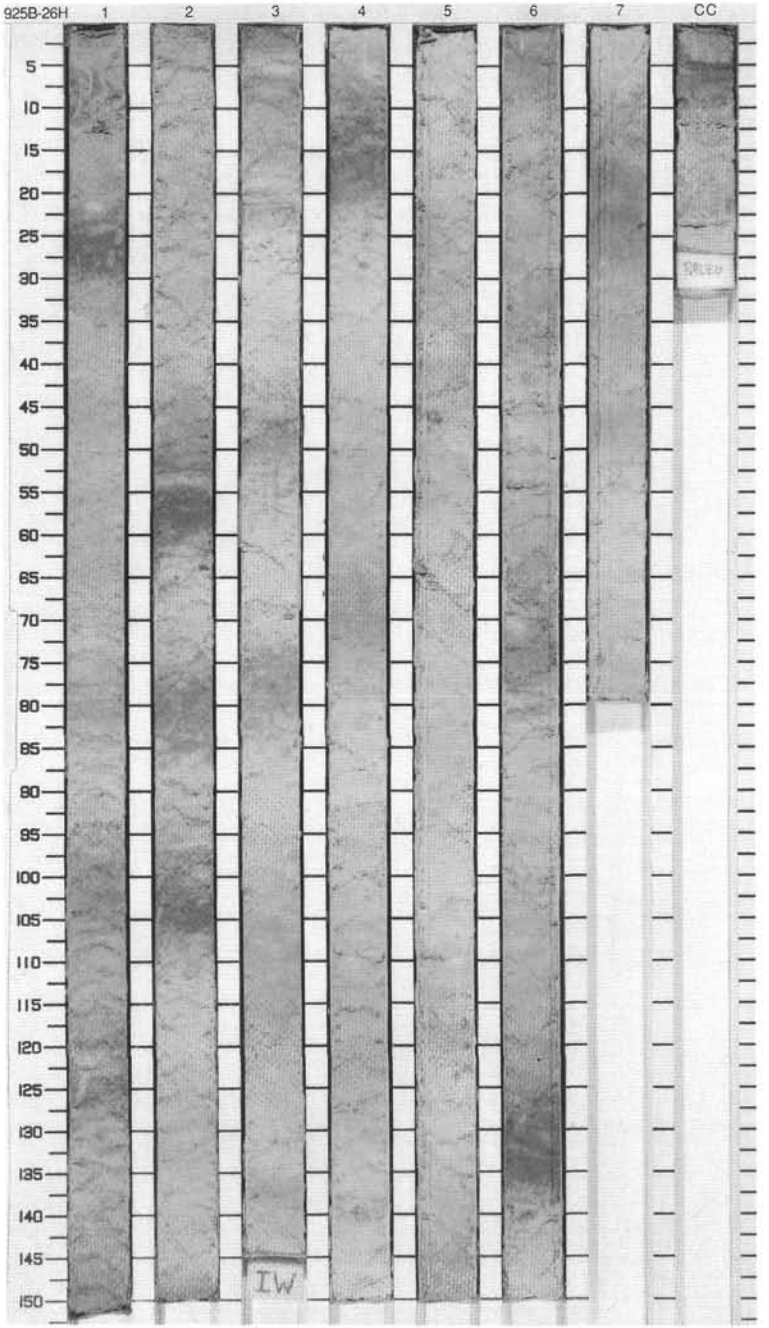
SITE 925 HOLE B CORE 25H CORED 223.0 - 232.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene		W	S / P / S / M	2.5GY 6/1; 5YR 6/4; 2.5GY 6/1	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY Minor Lithologies: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core consists mainly of greenish gray (2.5GY 6/1) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. Smaller beds of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are reddish brown (5YR 6/4) and have very gradational color contacts (individual color bands). The sediment is slightly bioturbated. Drilling disturbance has formed sediment biscuits in a softer matrix.



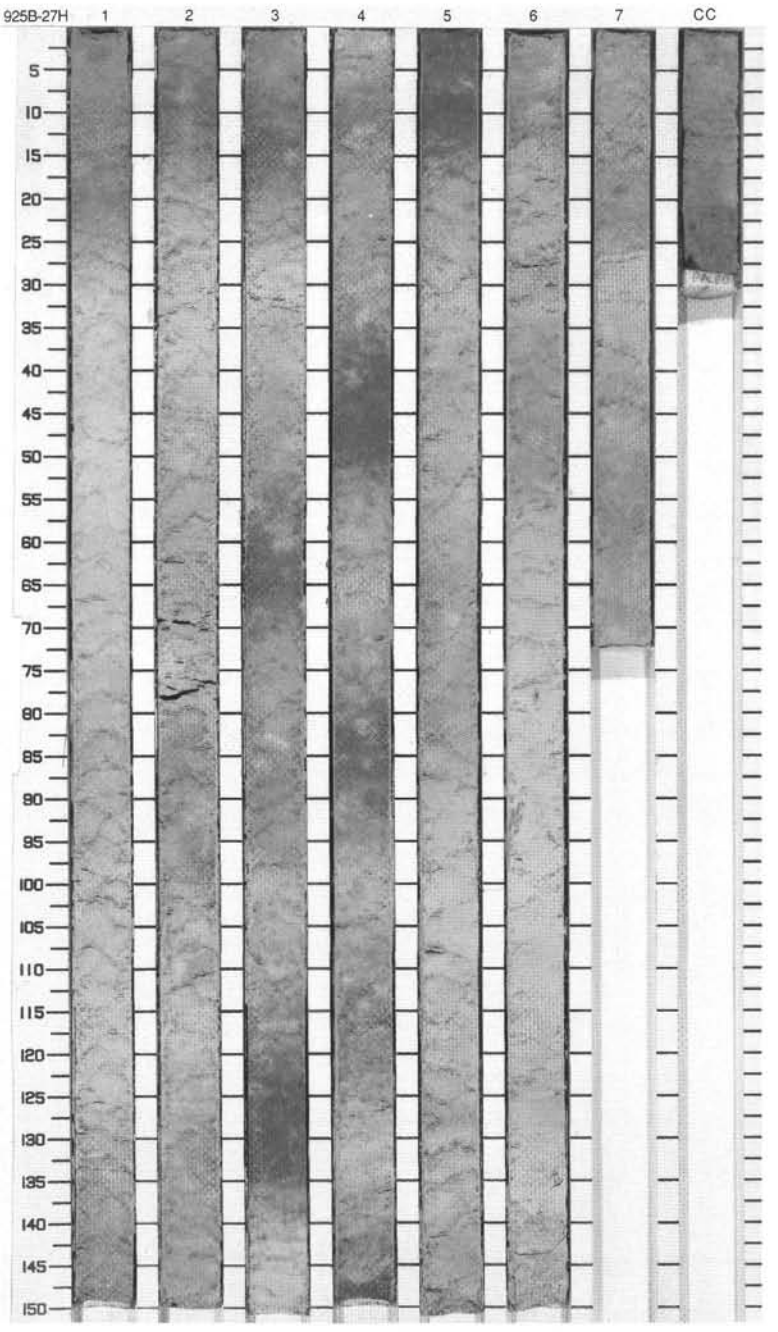
SITE 925 HOLE B CORE 26H CORED 232.5 - 242.0 mbsf

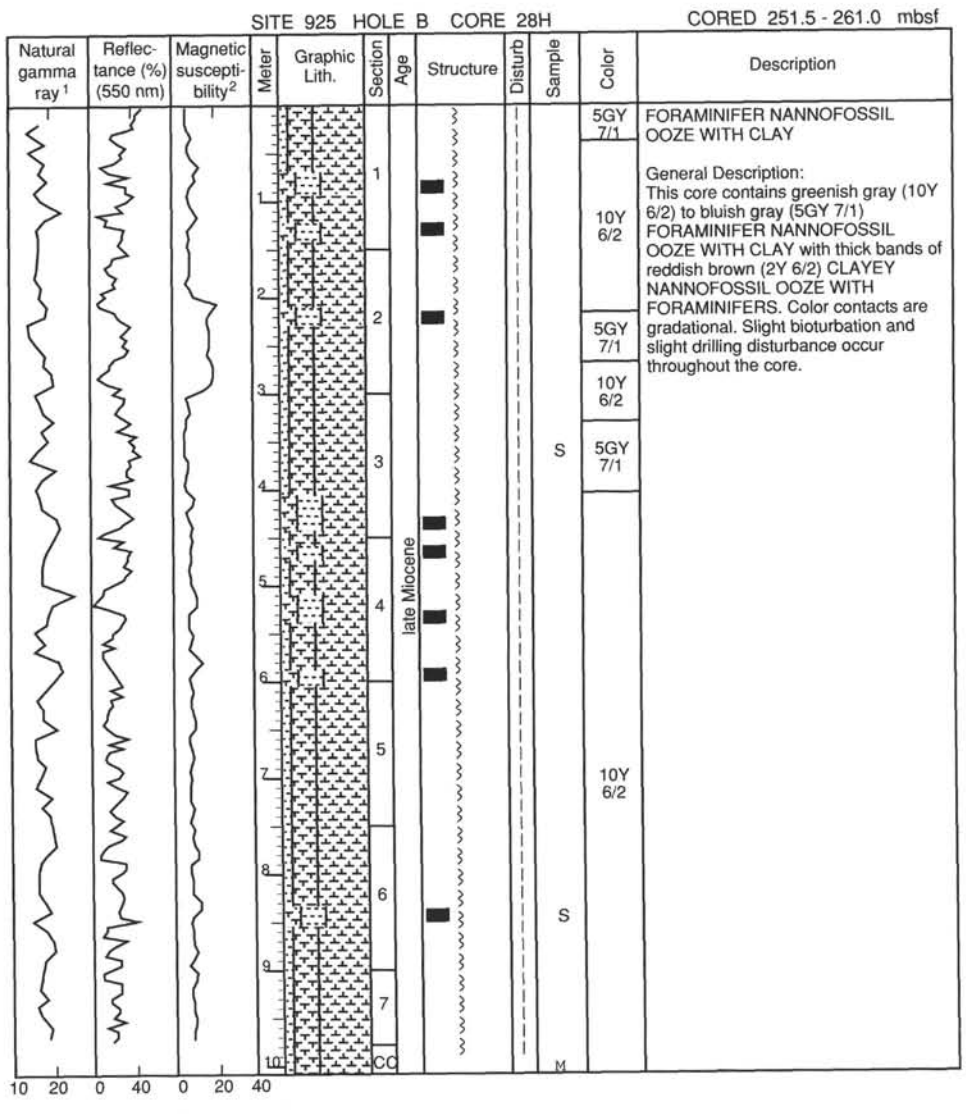
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20			1 2 3 4 5 6 7 CC	late Miocene			I S M	2.5GY 6/2	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY Minor Lithologies: CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. General Description: This core contains light greenish gray (2.5GY 6/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. Small beds of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are reddish brown (5YR 6/4) and have very gradational color contacts (individual color bands).The sediment is slightly bioturbated and mottled. Drilling disturbance has formed biscuits in a softer matrix.

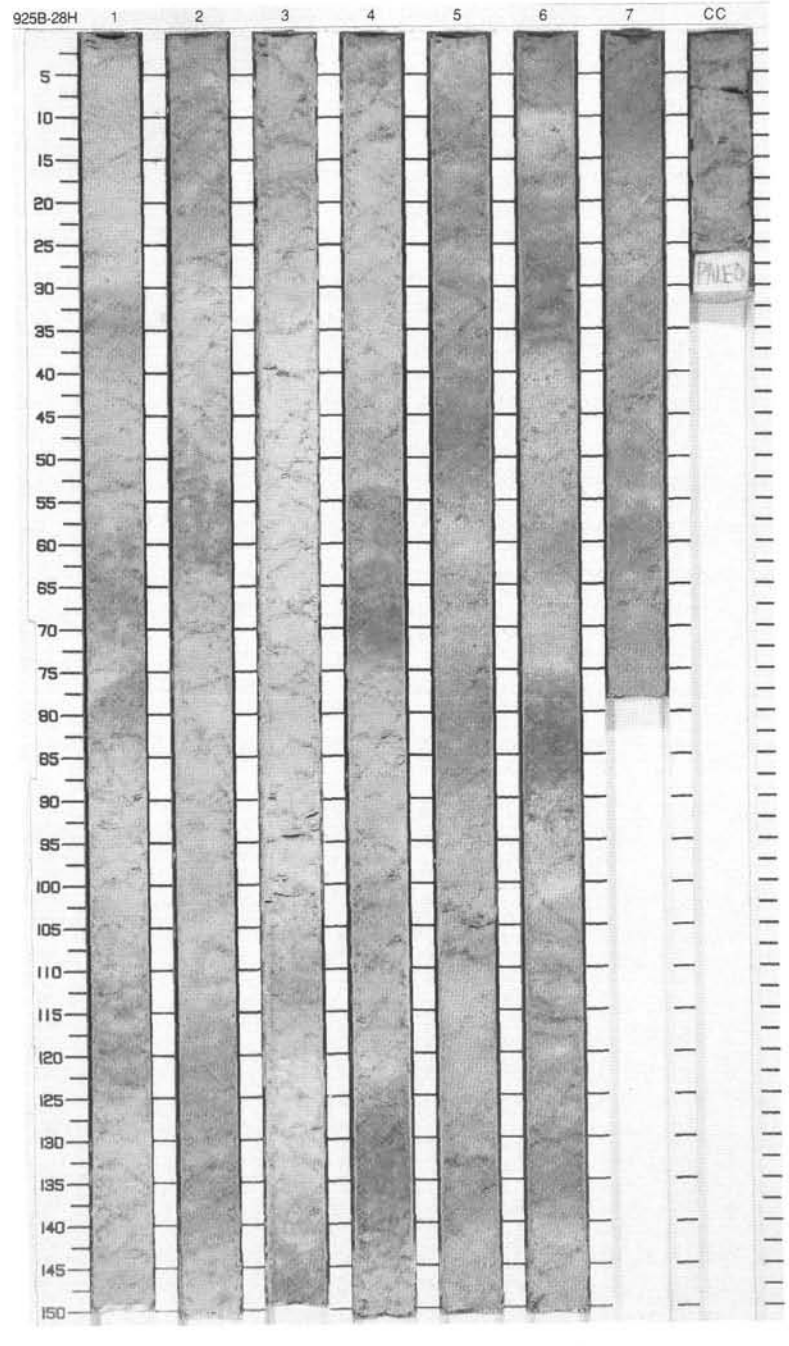


SITE 925 HOLE B CORE 27H CORED 242.0 - 251.5 mbsf

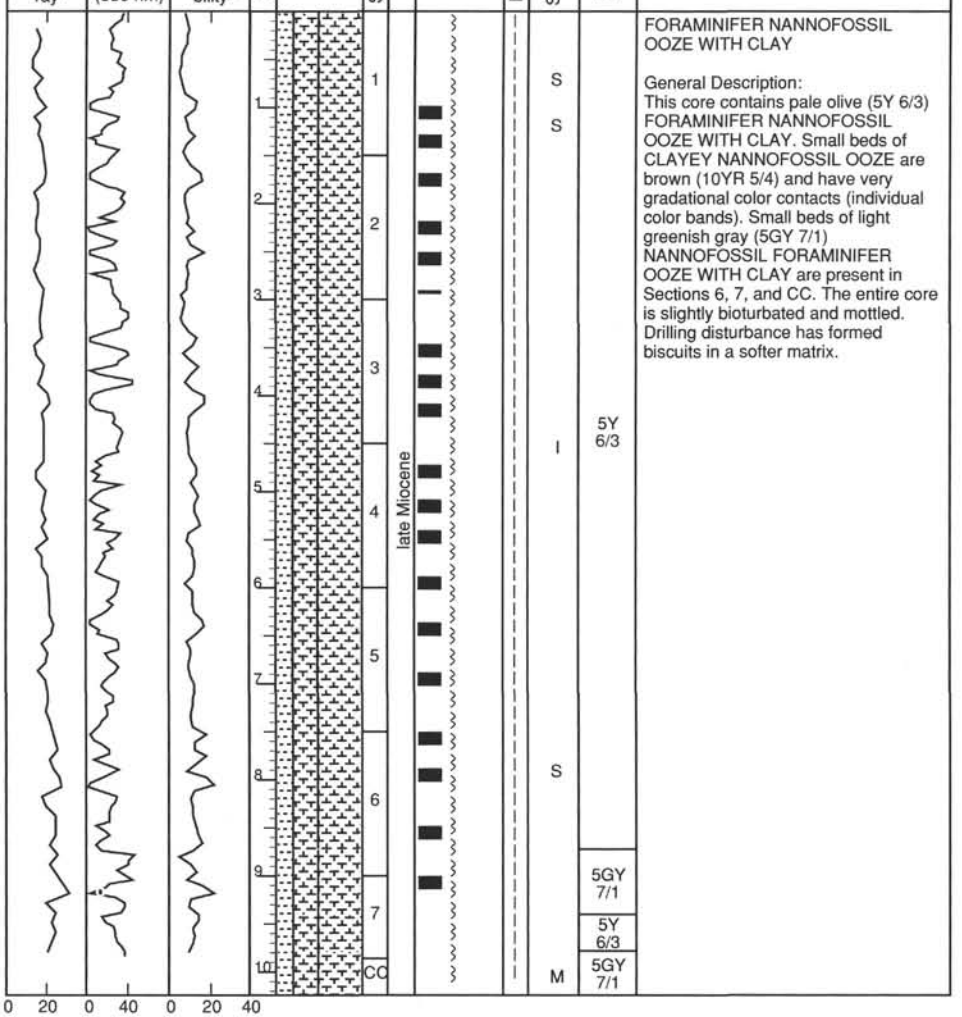
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene			S, S, M	10Y 7/1	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY General Description: This core contains light greenish gray (10Y 7/1) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. Small beds of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are reddish brown (2.5Y 6/2) and have very gradational color contacts (individual color bands). The entire core is slightly bioturbated. Drilling disturbance has formed biscuits in a softer matrix.




SITE 925 HOLE B CORE 28H
CORED 251.5 - 261.0 mbsf
Natural gamma ray[1]
Reflectance (%) (550 nm)
Magnetic susceptibility[2]
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
FORAMINIFER NANNOFOSSIL OOZE WITH CLAY
General Description:
This core contains greenish gray (10Y 6/2) to bluish gray (5GY 7/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY with thick bands of reddish brown (2Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Color contacts are gradational. Slight bioturbation and slight drilling disturbance occur throughout the core.
5GY 7/1
10Y 6/2
5GY 7/1
10Y 6/2
5GY 7/1
10Y 6/2
late Miocene
1
2
3
4
5
6
7
CC
S
S
M
10 20 0 40 0 20 40

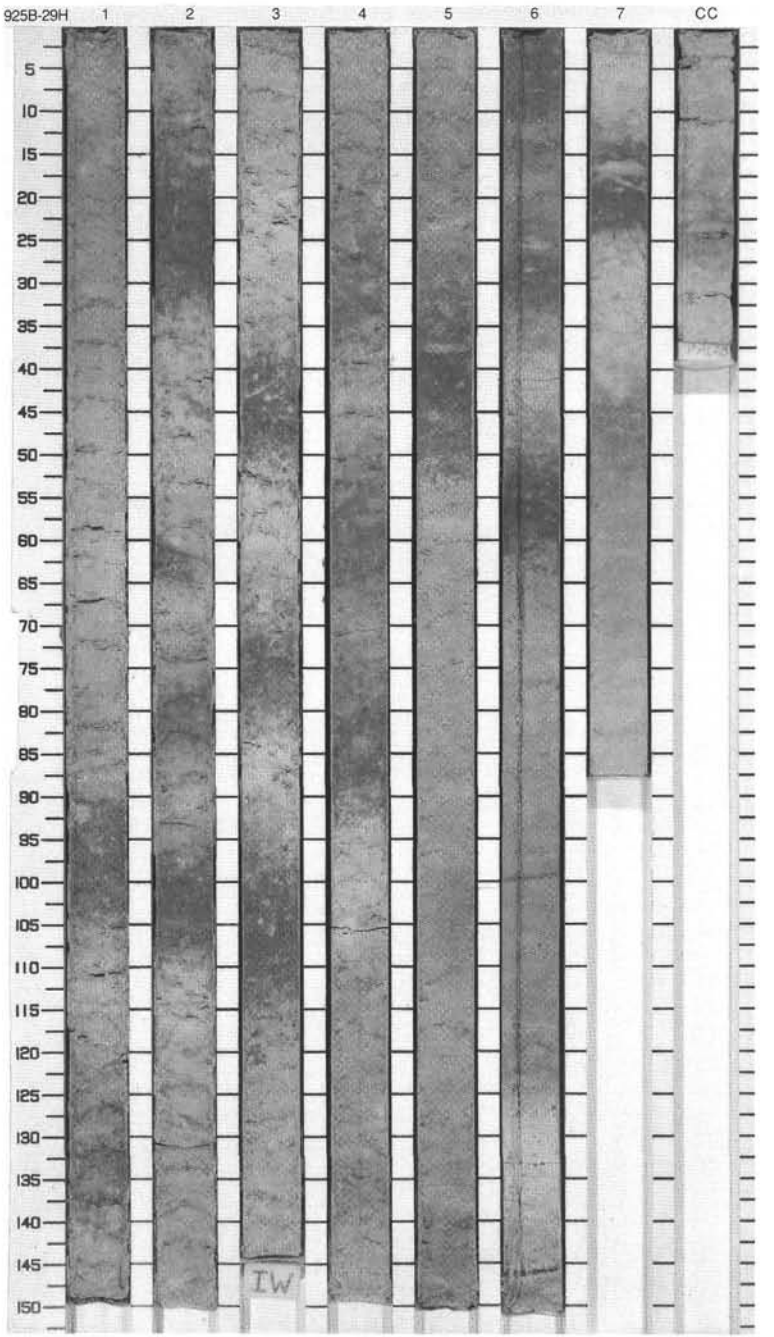

925B-28H
1
2
3
4
5
6
7
CC

SITE 925 HOLE B CORE 29H CORED 261.0 - 270.5 mbsf



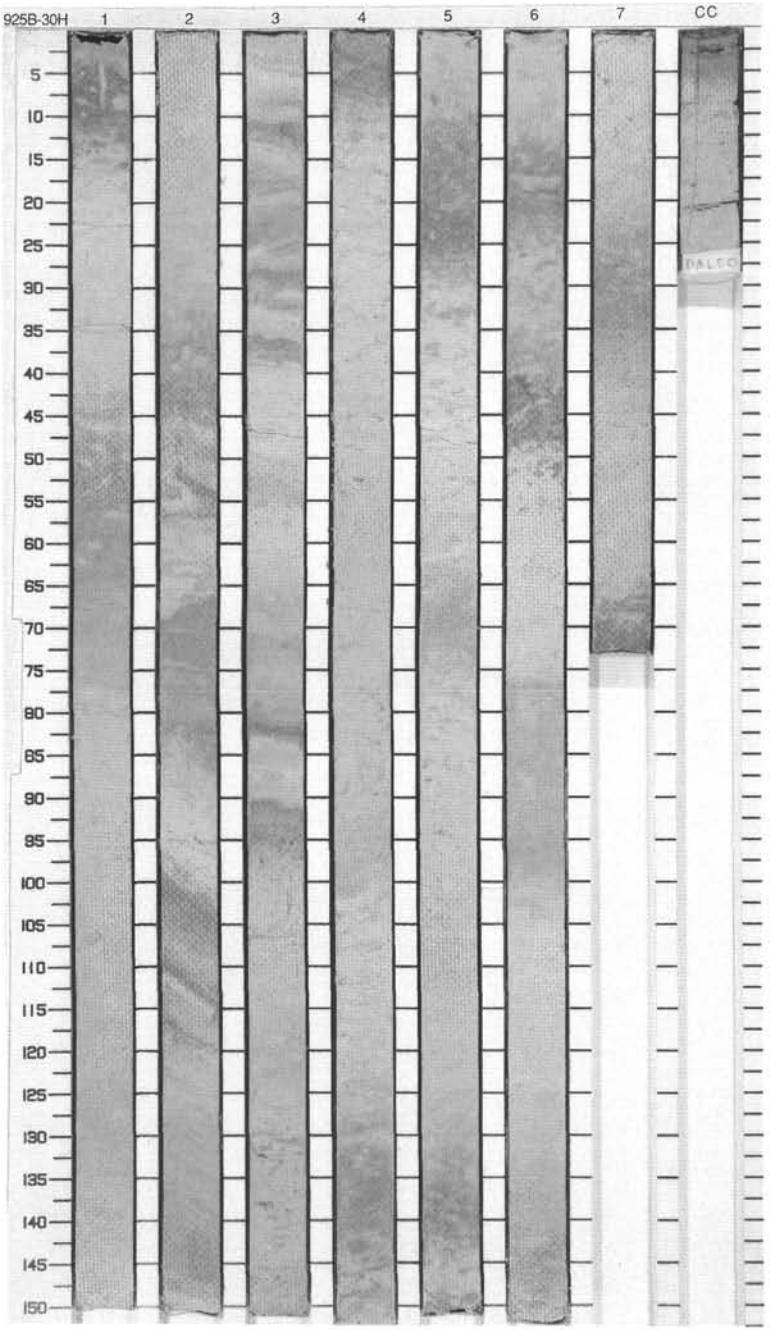
FORAMINIFER NANNOFOSSIL OOZE WITH CLAY

General Description:
This core contains pale olive (5Y 6/3) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. Small beds of CLAYEY NANNOFOSSIL OOZE are brown (10YR 5/4) and have very gradational color contacts (individual color bands). Small beds of light greenish gray (5GY 7/1) NANNOFOSSIL FORAMINIFER OOZE WITH CLAY are present in Sections 6, 7, and CC. The entire core is slightly bioturbated and mottled. Drilling disturbance has formed biscuits in a softer matrix.

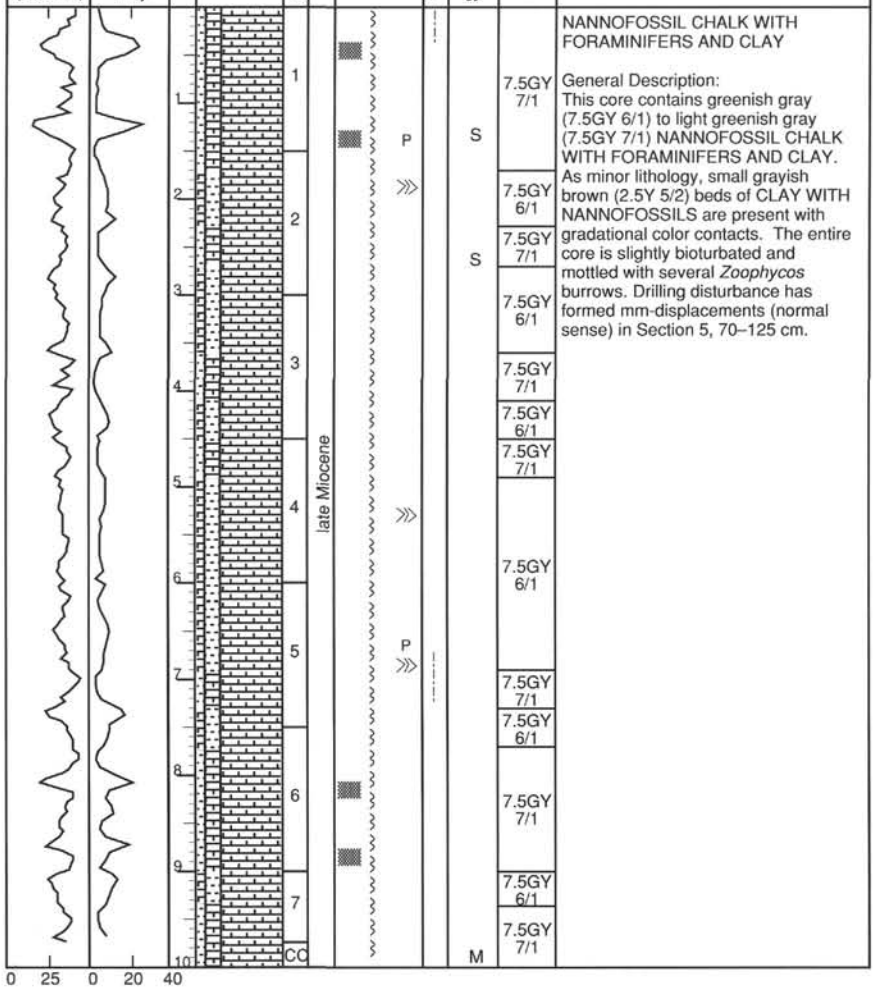


SITE 925 HOLE B CORE 30H CORED 270.5 - 280.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25	0 20 40	1–10		1–7, CC	late Miocene			S, S, M	5GY 7/1; 10GY 6/2; 5GY 7/1; 10GY 6/2; 5GY 7/1; 10GY 6/2; 5GY 7/1	NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS General Description: This core contains light olive gray (10GY 6/2) to light gray (5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. Small grayish brown (2.5Y 5/2) color bands or patches have very gradational contacts. The entire core is slightly bioturbated and mottled. Structures of highly inclined bedding, laminae, and folding occur in Section 2, 55 cm to Section 3, 40 cm and indicate slumping (see Section 154-925C-29H-6). Drilling disturbance has formed biscuits in a softer matrix in Section 1, 85–95 cm, Section 3, 40–50 cm, Section 4, 15–120 cm, Section 5, 35–55 cm, and Section 6, 55–77 cm.

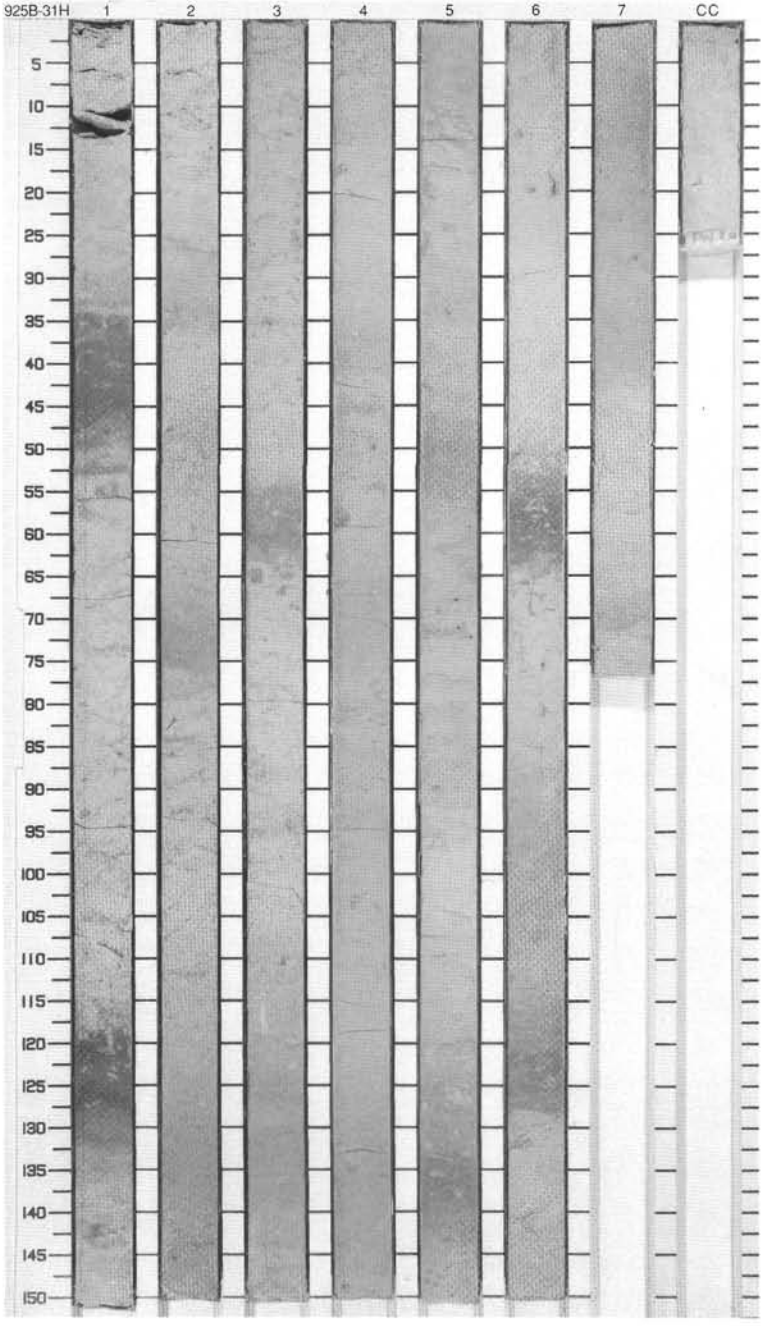


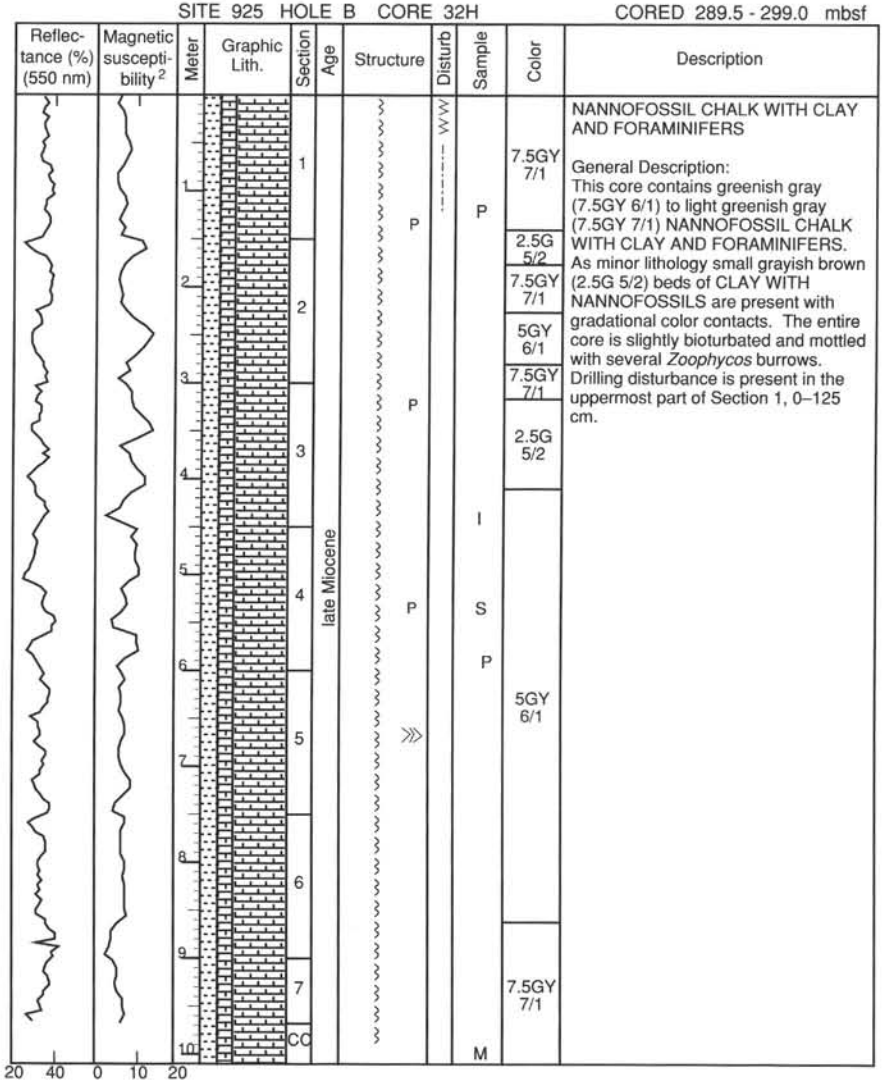
SITE 925 HOLE B CORE 31H CORED 280.0 - 289.5 mbsf

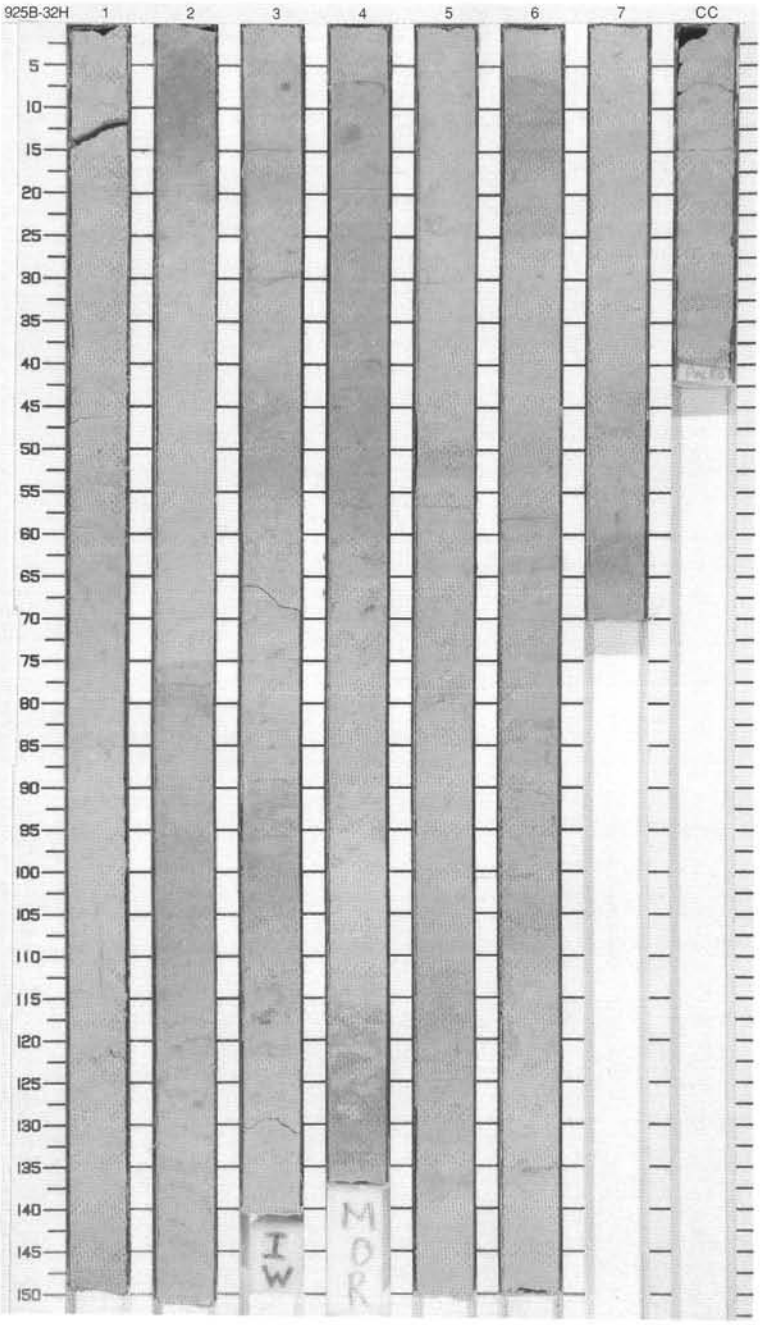


NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY

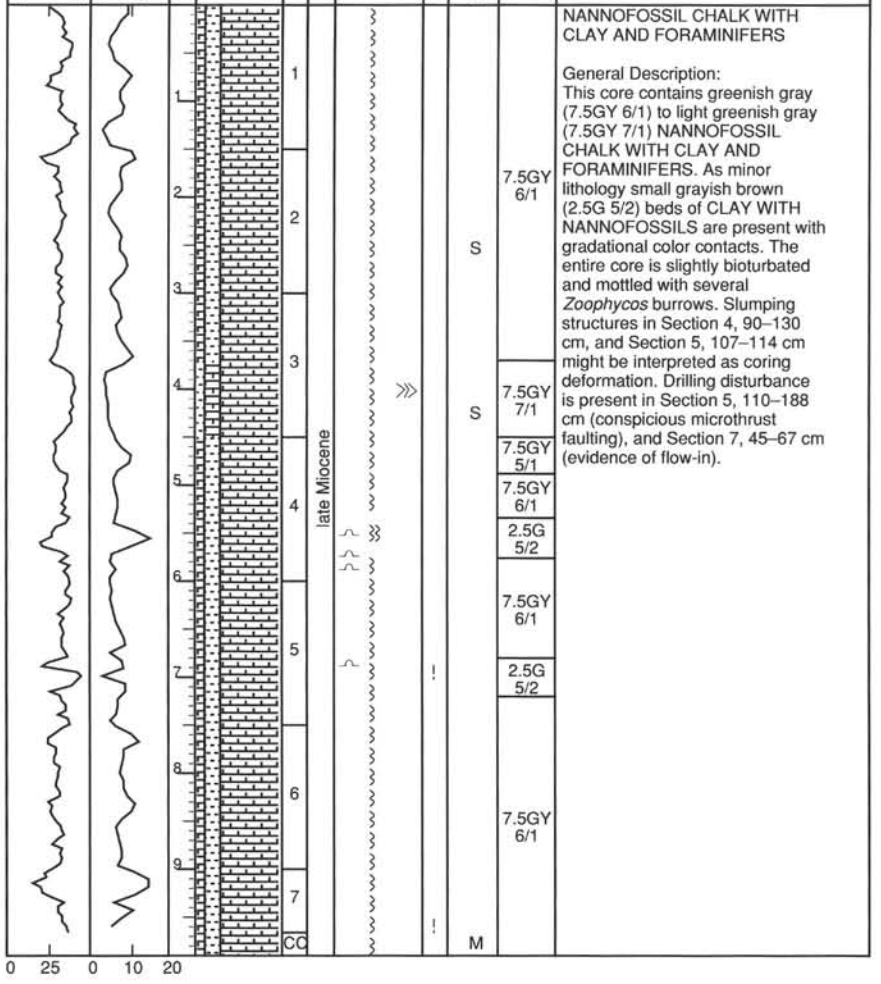
General Description:
This core contains greenish gray (7.5GY 6/1) to light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY. As minor lithology, small grayish brown (2.5Y 5/2) beds of CLAY WITH NANNOFOSSILS are present with gradational color contacts. The entire core is slightly bioturbated and mottled with several *Zoophycos* burrows. Drilling disturbance has formed mm-displacements (normal sense) in Section 5, 70–125 cm.




SITE 925 HOLE B CORE 32H
CORED 289.5 - 299.0 mbsf
Reflectance (%) (550 nm)
Magnetic susceptibility²
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS
General Description:
This core contains greenish gray (7.5GY 6/1) to light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. As minor lithology small grayish brown (2.5G 5/2) beds of CLAY WITH NANNOFOSSILS are present with gradational color contacts. The entire core is slightly bioturbated and mottled with several Zoophycos burrows. Drilling disturbance is present in the uppermost part of Section 1, 0–125 cm.
late Miocene
7.5GY 7/1
2.5G 5/2
7.5GY 7/1
5GY 6/1
7.5GY 7/1
2.5G 5/2
5GY 6/1
7.5GY 7/1
20 40 0 10 20

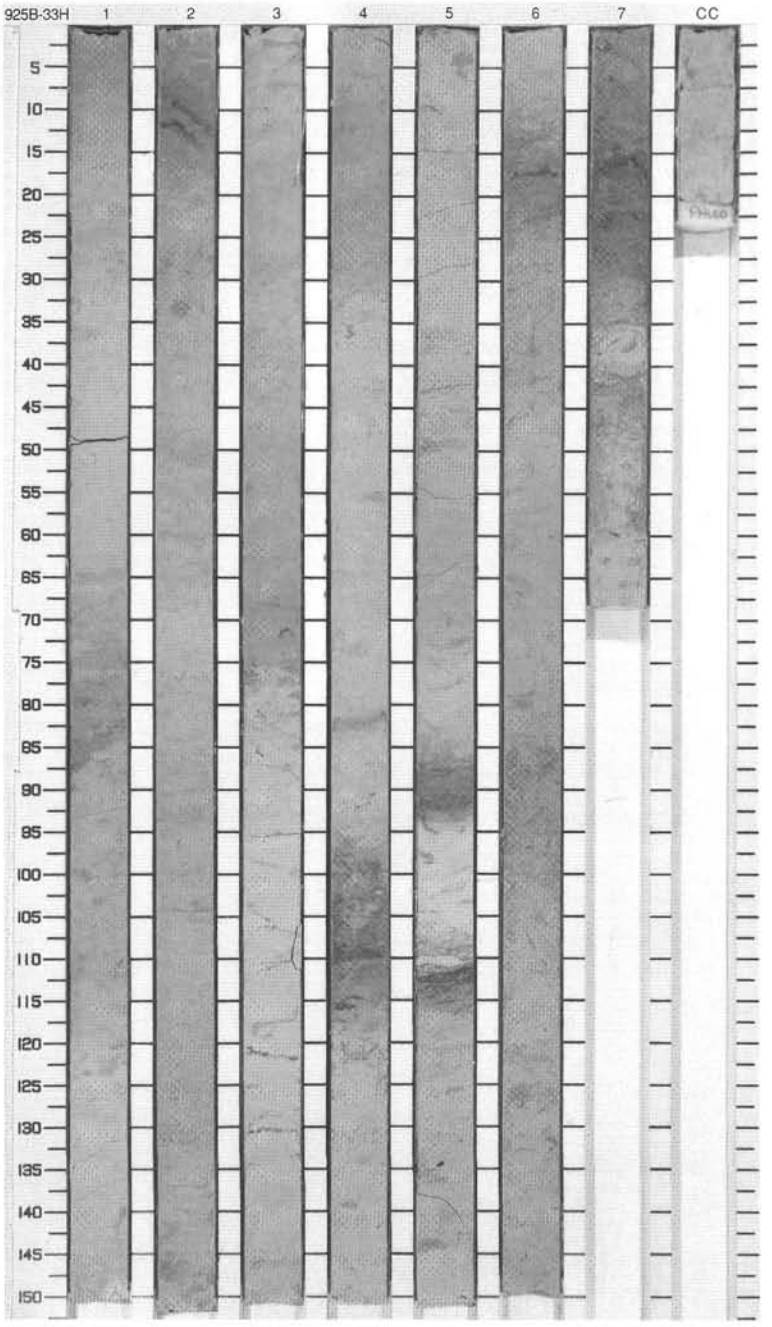

925B-32H
1
2
3
4
5
6
7
CC
I W
M O R

SITE 925 HOLE B CORE 33H CORED 299.0 - 308.5 mbsf



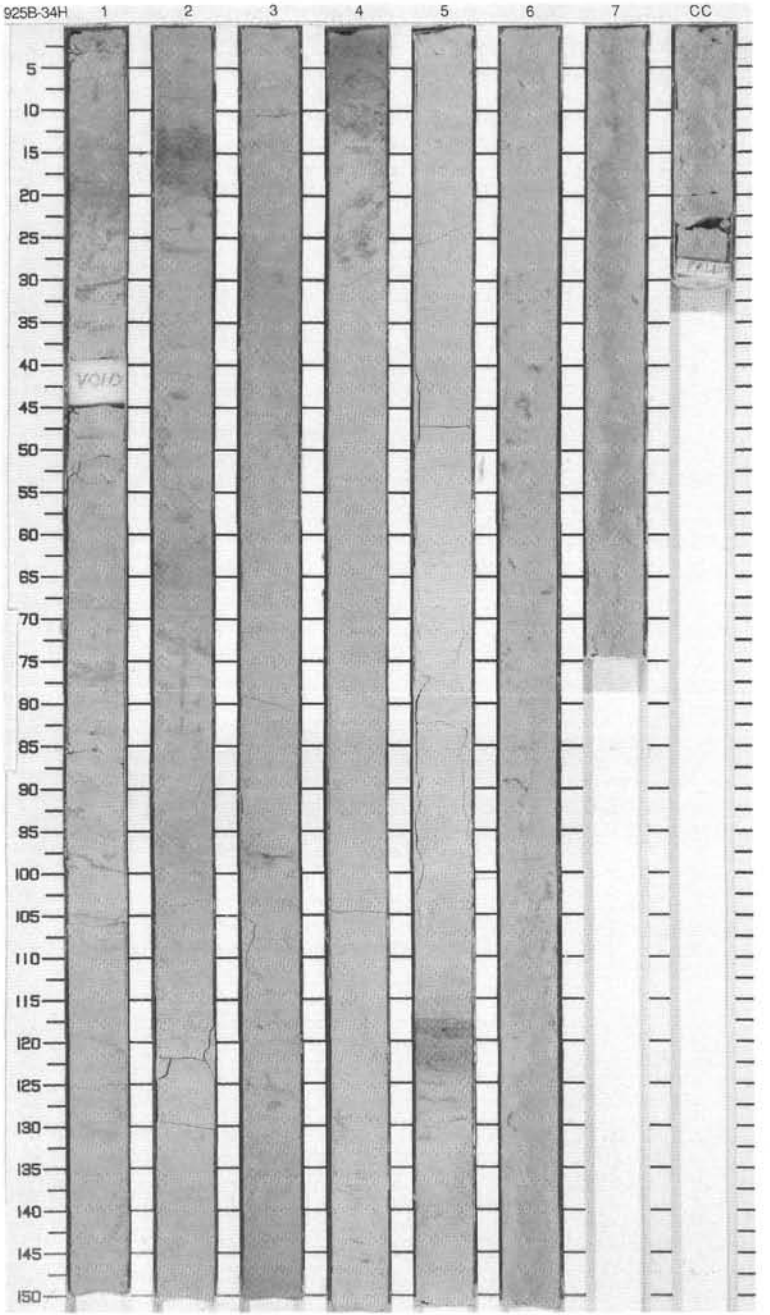
NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS

General Description:
This core contains greenish gray (7.5GY 6/1) to light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. As minor lithology small grayish brown (2.5G 5/2) beds of CLAY WITH NANNOFOSSILS are present with gradational color contacts. The entire core is slightly bioturbated and mottled with several *Zoophycos* burrows. Slumping structures in Section 4, 90–130 cm, and Section 5, 107–114 cm might be interpreted as coring deformation. Drilling disturbance is present in Section 5, 110–188 cm (conspicious microthrust faulting), and Section 7, 45–67 cm (evidence of flow-in).

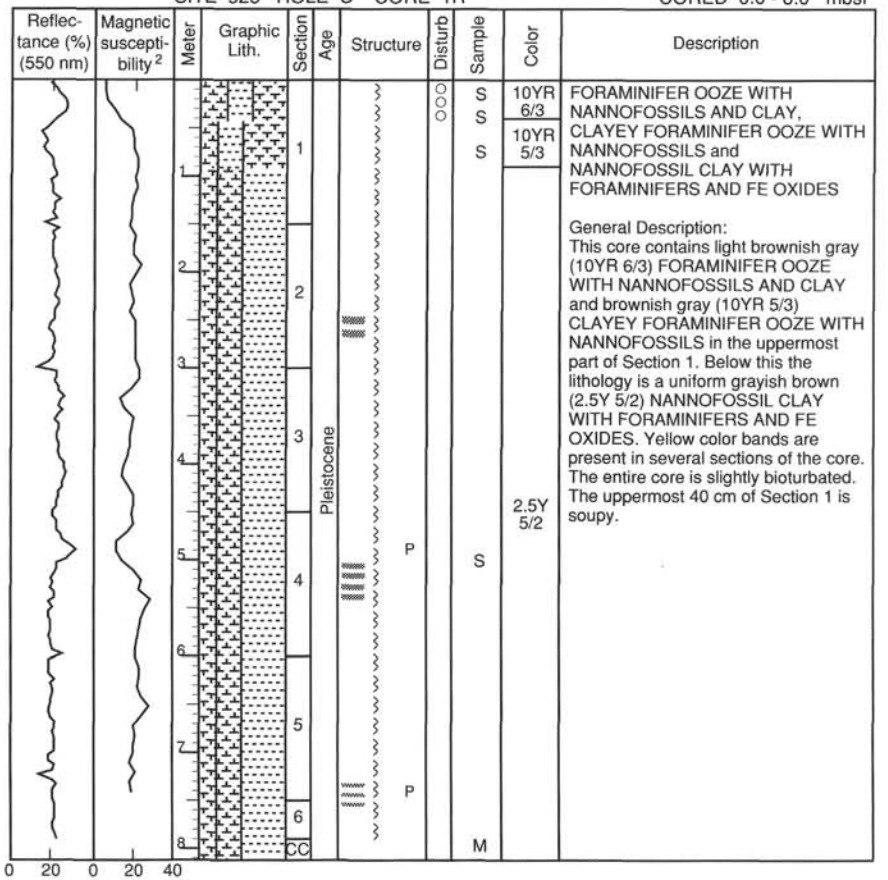


SITE 925 HOLE B CORE 34H CORED 308.5 - 318.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 50	0 10 20	1–10		1–7, CC	late Miocene		W	S, M	7.5GY 6/1; 7.5GY 7/1; 7.5GY 5/1	NANNOFOSSIL CHALK WITH FORAMINIFERS and FORAMINIFER NANNOFOSSIL CHALK General Description: This core contains greenish gray (7.5GY 5/1, 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS and light greenish gray (7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK. The color contacts are throughout gradational. The entire core is slightly bioturbated. Drilling disturbance is present in Section 1, 0–150 cm (biscuits) and in Sections 5 to 7 (flow-in).

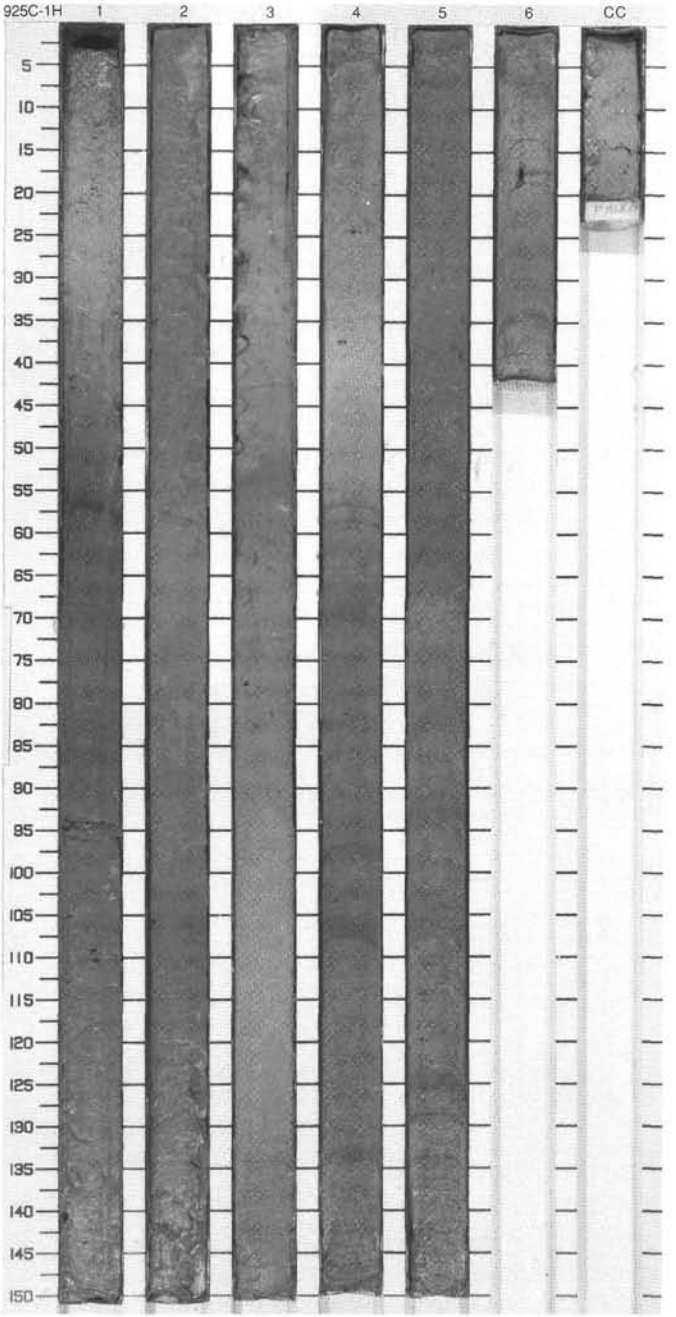


SITE 925 HOLE C CORE 1H CORED 0.0 - 8.0 mbsf



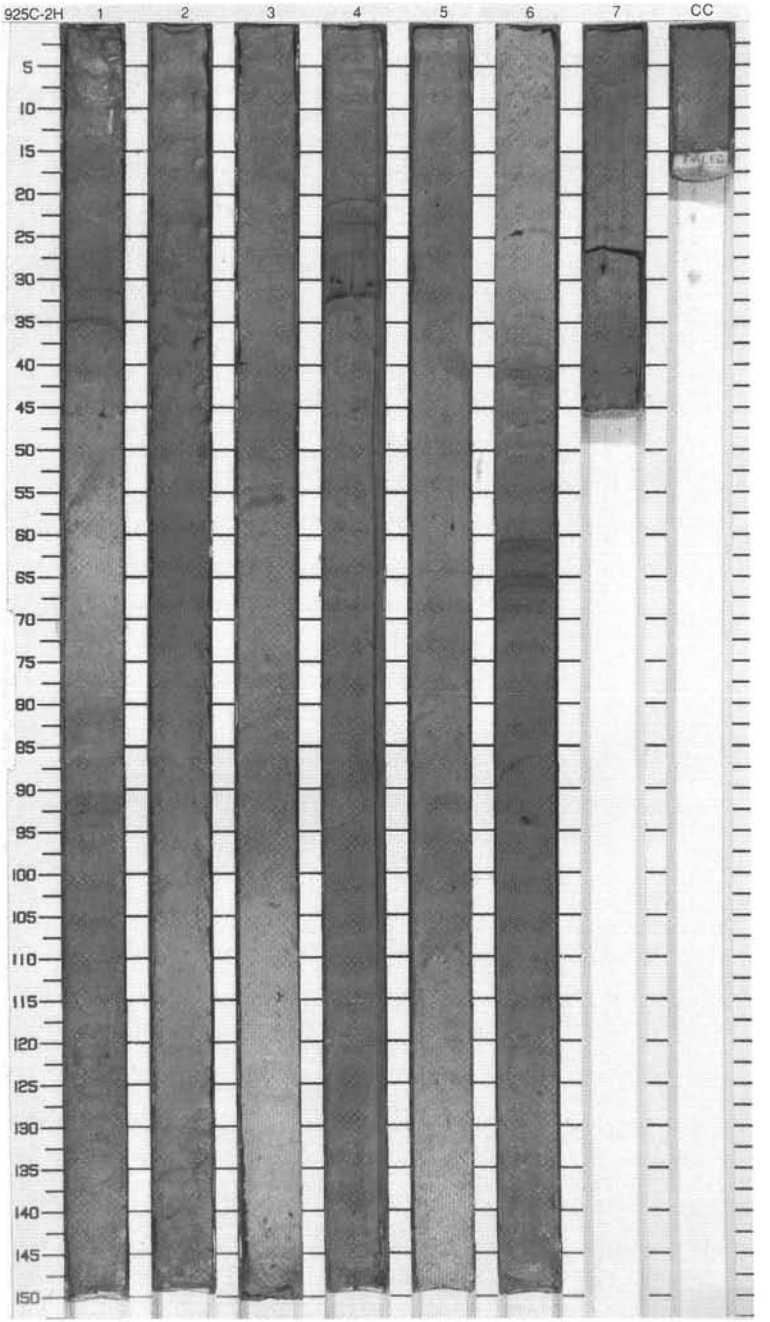
FORAMINIFER OOZE WITH NANNOFOSSILS AND CLAY, CLAYEY FORAMINIFER OOZE WITH NANNOFOSSILS and NANNOFOSSIL CLAY WITH FORAMINIFERS AND FE OXIDES

General Description:
This core contains light brownish gray (10YR 6/3) FORAMINIFER OOZE WITH NANNOFOSSILS AND CLAY and brownish gray (10YR 5/3) CLAYEY FORAMINIFER OOZE WITH NANNOFOSSILS in the uppermost part of Section 1. Below this the lithology is a uniform grayish brown (2.5Y 5/2) NANNOFOSSIL CLAY WITH FORAMINIFERS AND FE OXIDES. Yellow color bands are present in several sections of the core. The entire core is slightly bioturbated. The uppermost 40 cm of Section 1 is soupy.

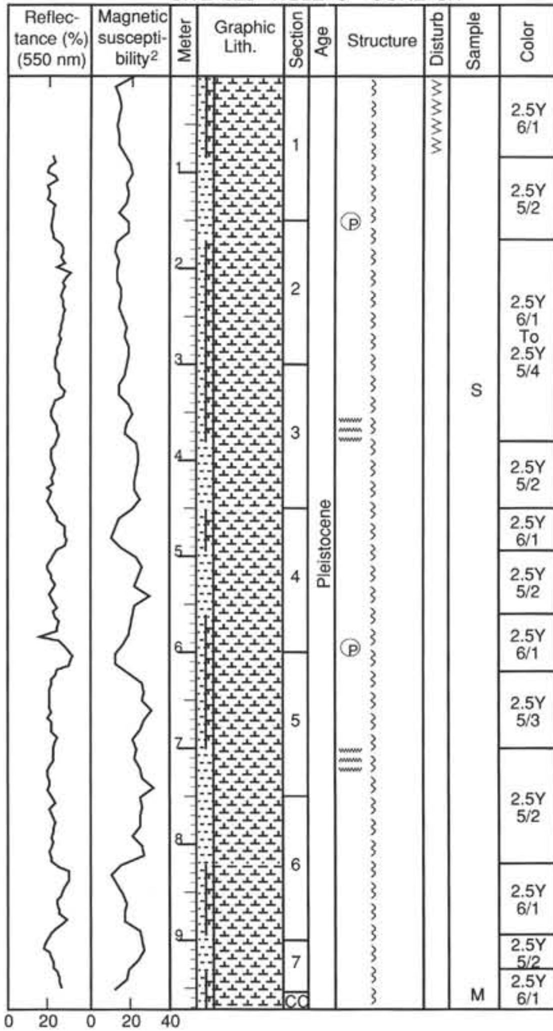


SITE 925 HOLE C CORE 2H CORED 8.0 - 17.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20 40	1–9		1–7, CC	Pleistocene			S, S, M	2.5Y 5/3; 2.5Y 6/1; 2.5Y 5/3; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/3; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/3; 2.5Y 5/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains light gray (2.5Y 6/1) and light olive brown (2.5Y 5/3) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The light olive brown beds contain up to 10% iron oxides and are accompanied by black and yellow color bands. CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS is grayish brown (2.5Y 5/2). All color contacts are gradational. The sediment is slightly bioturbated and mottled with pyrite-filled burrows.



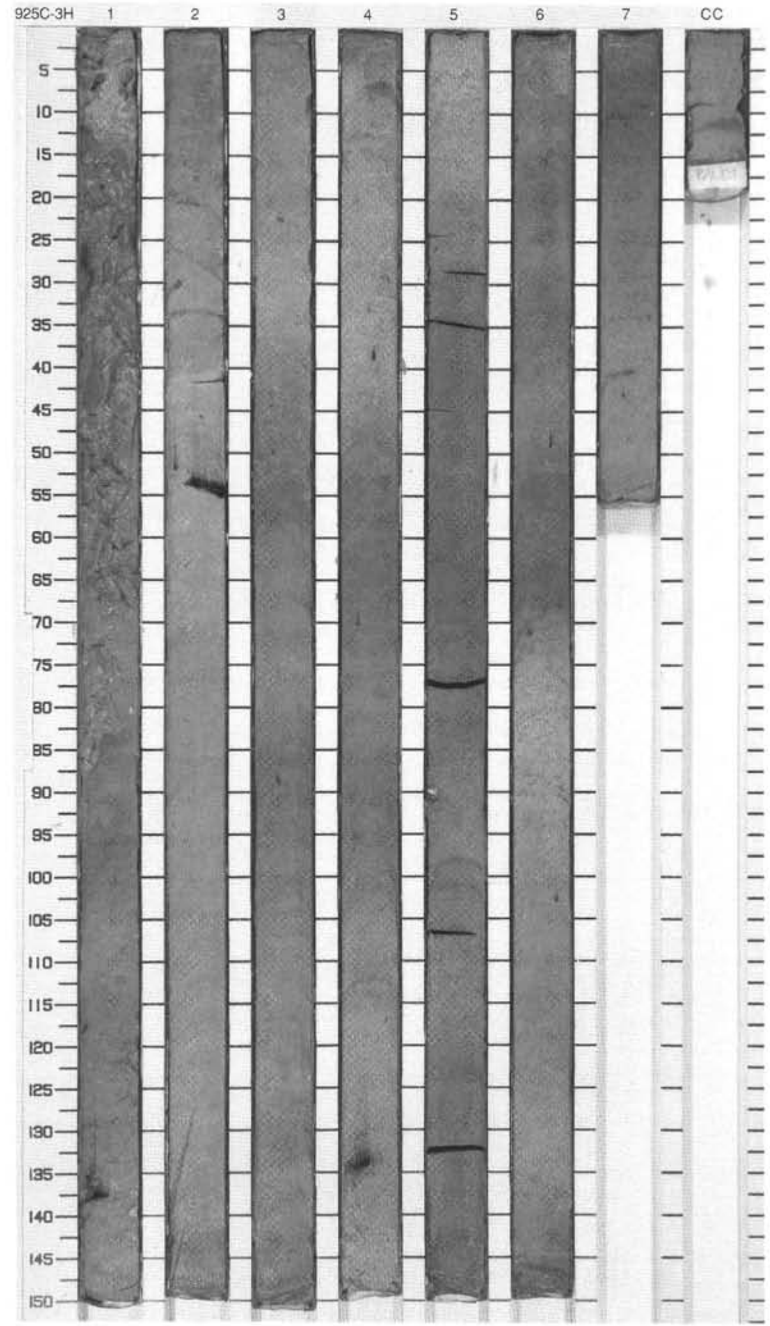
SITE 925 HOLE C CORE 3H CORED 17.5 - 27.0 mbsf



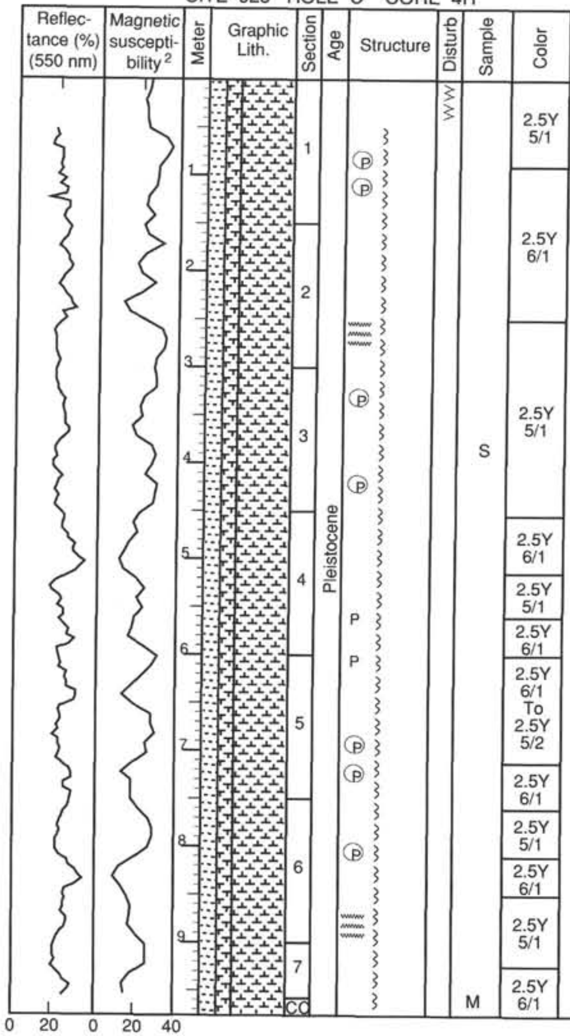
Description

CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS

General Description:
This core contains NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS which is light gray (2.5Y 6/1) grading to light olive brown (2.5Y 5/3) and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS which is grayish brown (2.5Y 5/2). Thin layers with pyrite concretions are present in Section 1 at 140 cm and Section 4 at 135 cm. Thin yellow color bands with gradational contacts occur in Section 3 from 55 to 60 cm and in Section 5 at 98 cm. The entire core is slightly bioturbated and mottled.



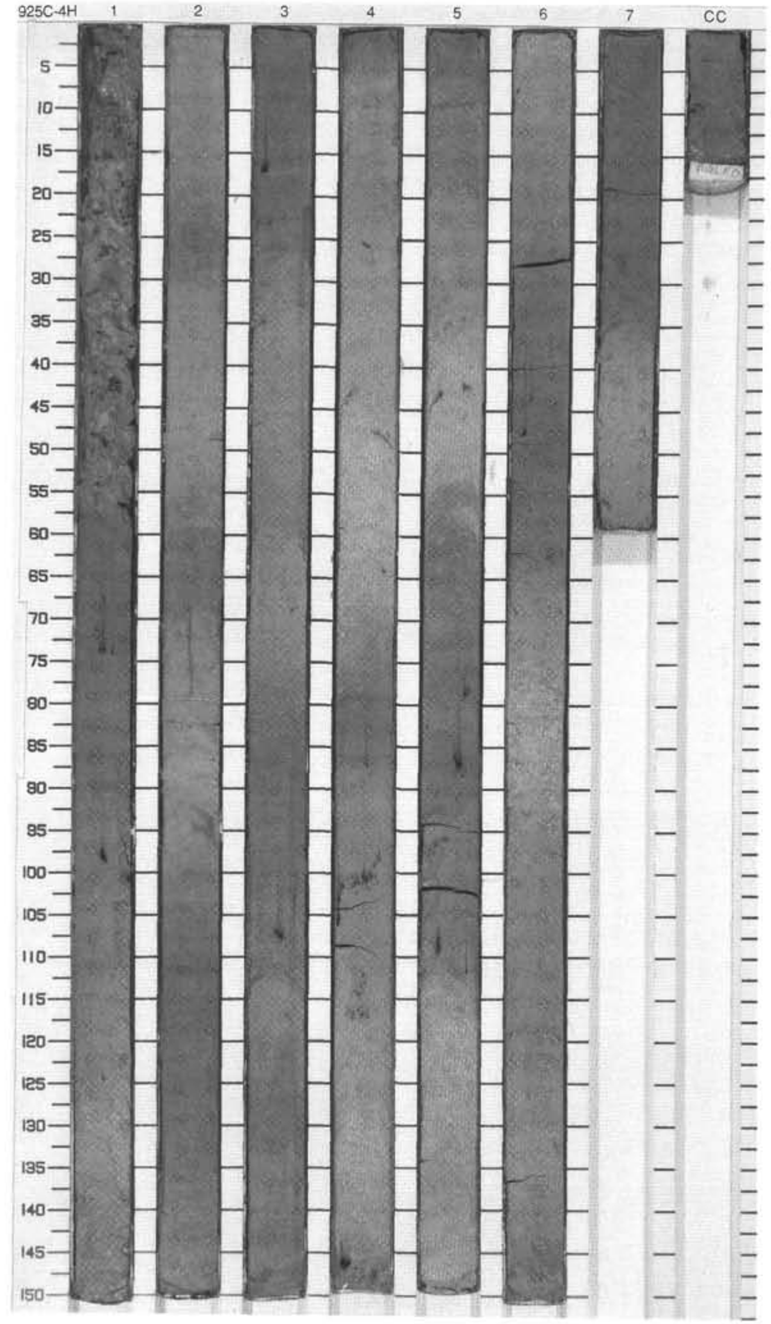
SITE 925 HOLE C CORE 4H CORED 27.0 - 36.5 mbsf



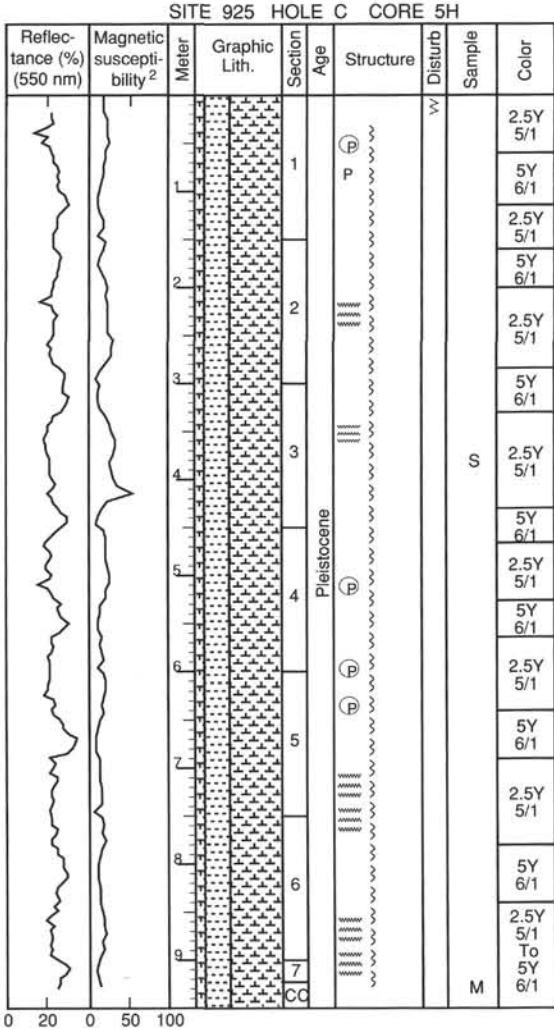
Description

NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS

General Description:
This core contains grayish brown (2.5Y 5/1) to light gray (2.5Y 6/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. Color contacts are very gradational. The entire core is slightly bioturbated and mottled. Pyrite concretions occur in Section 1 at 73 and 97 cm, Section 3 at 20 and 110 cm, Section 4 at 100 and 147 cm, Section 5 at 83 and 110 cm, and Section 6 at 45 cm. Thin yellow color bands occur in Section 2 from 100 to 150 cm and in Section 6 from 117 to 132 cm.



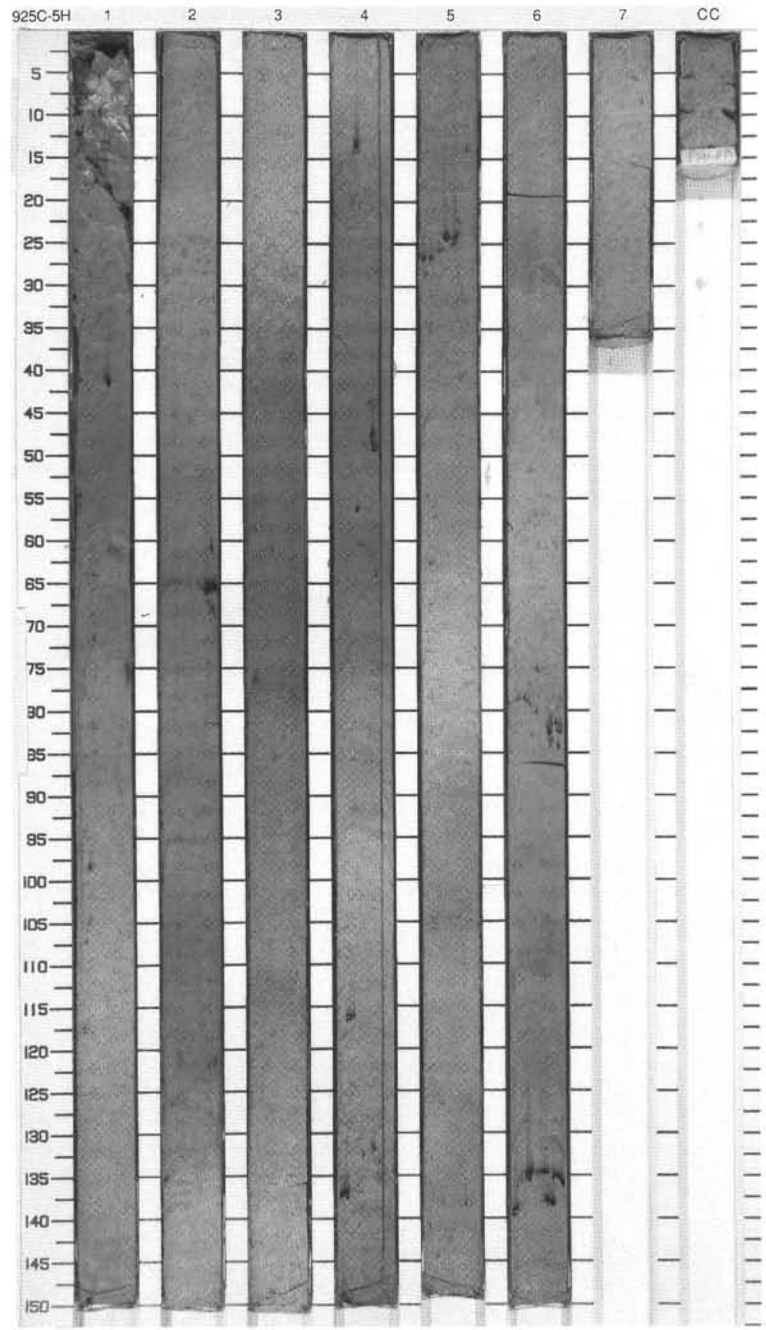
SITE 925 HOLE C CORE 5H CORED 36.5 - 46.0 mbsf



Description

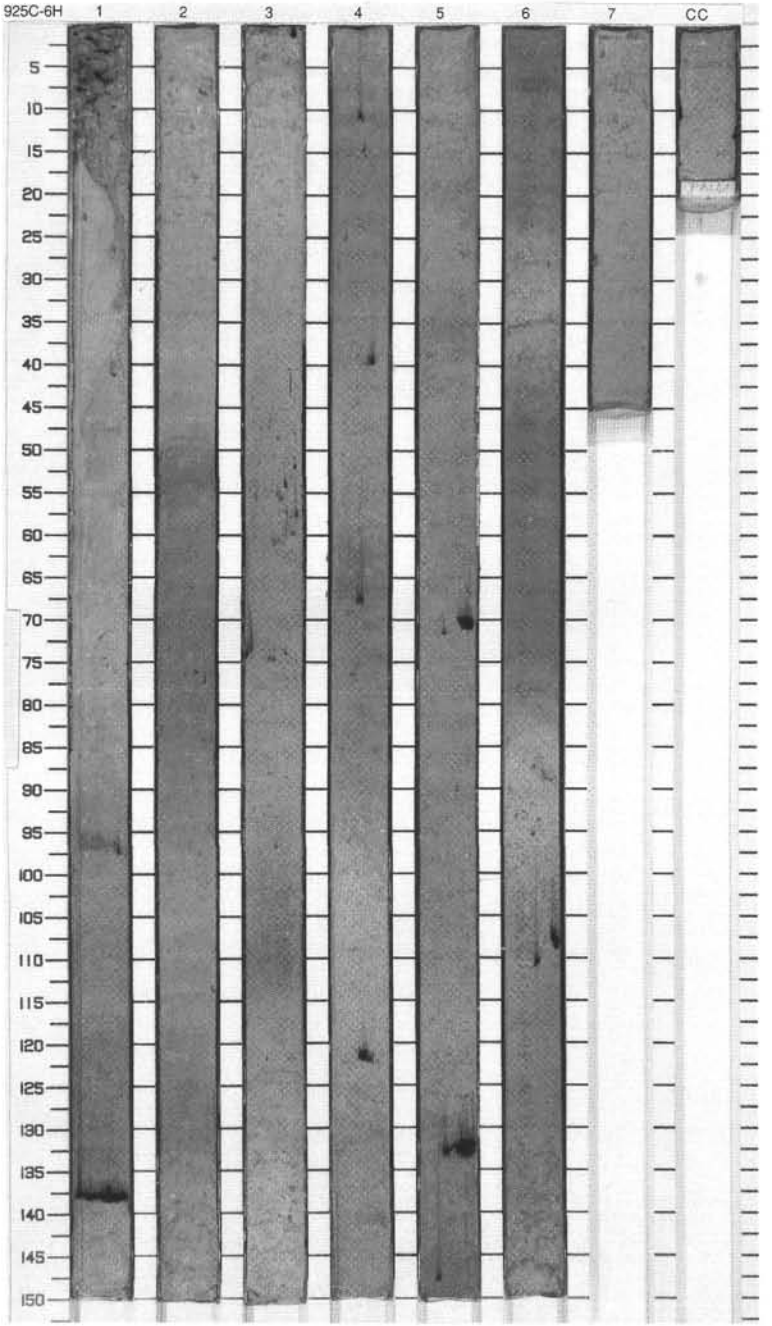
CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS

General Description:
This core contains grayish brown (2.5Y 5/1) to light gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS that is slightly bioturbated and mottled. Thin cm-scale yellow color bands and small intervals with pyrite concretions are common throughout the core.

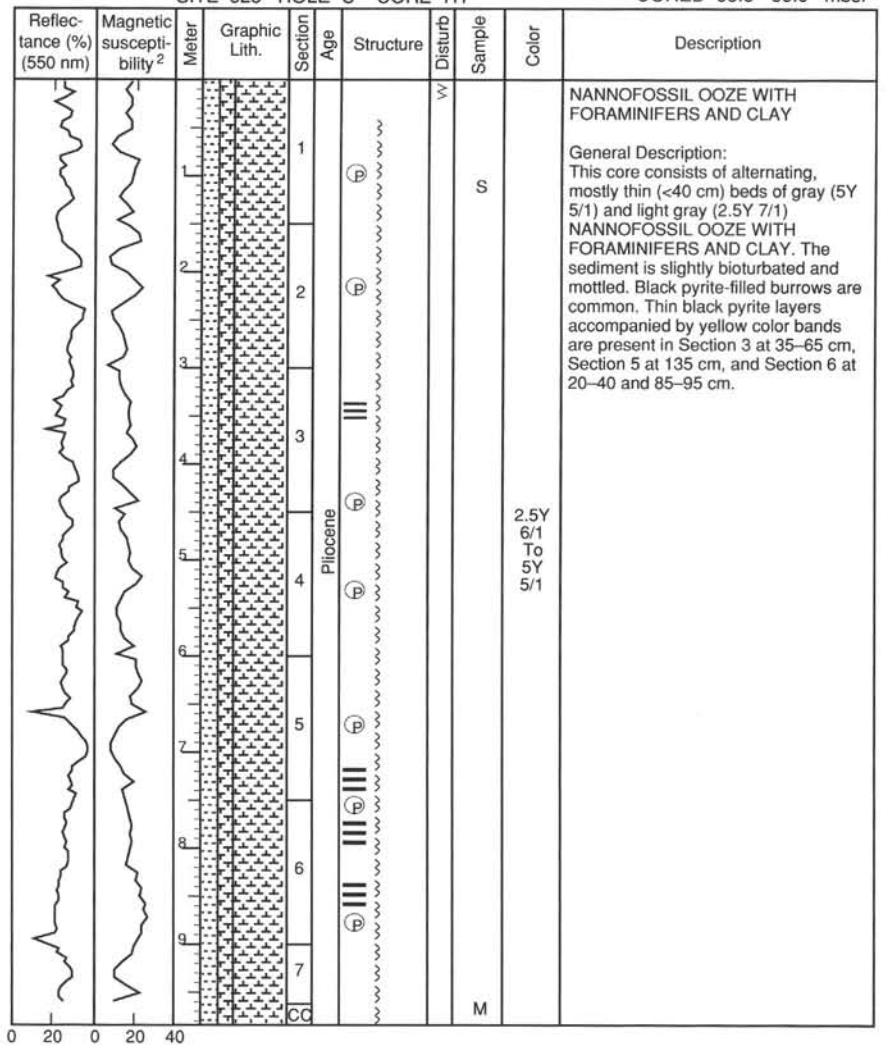


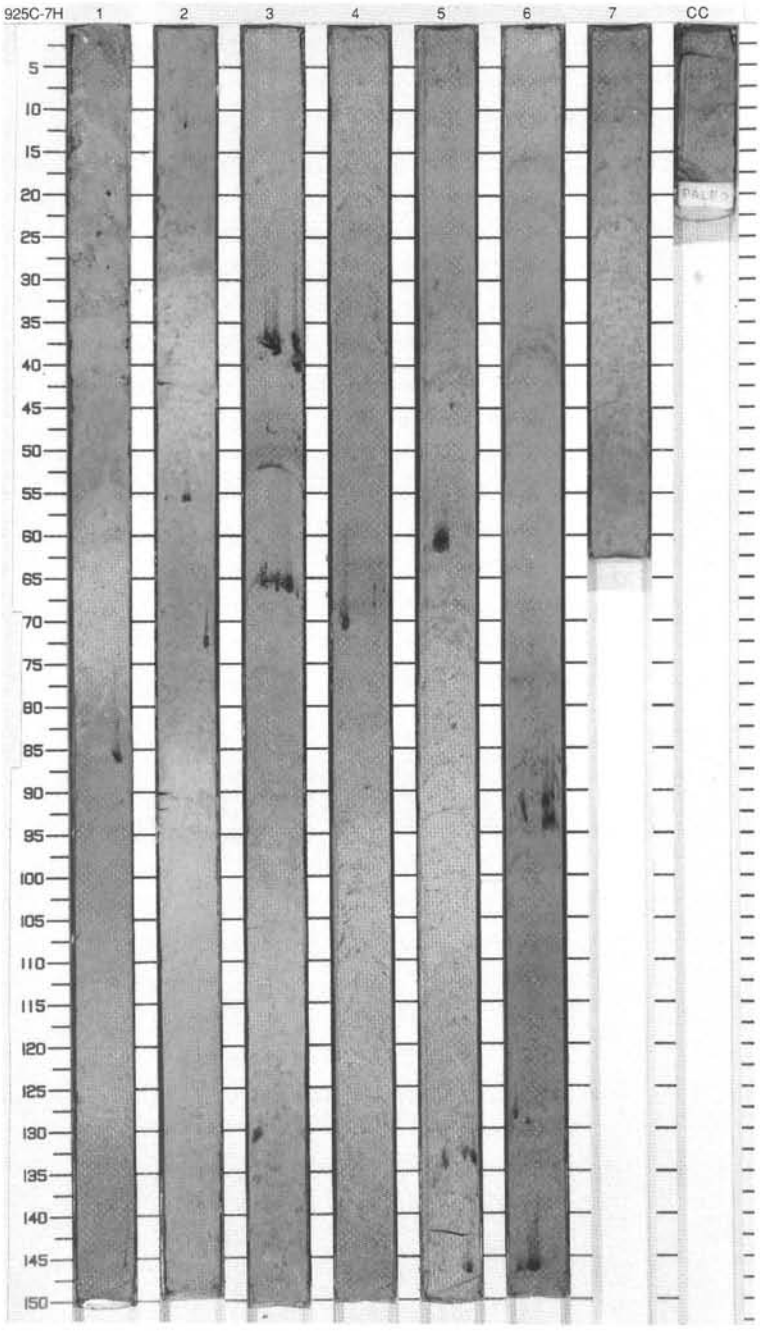
SITE 925 HOLE C CORE 6H CORED 46.0 - 55.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20 40	1–9		1–7, CC	Pliocene–Pleistocene	P		S, M	2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1; 2.5Y 6/1; 2.5Y 5/1 To 2.5Y 6/1	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of light gray (2.5Y 6/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and grayish brown (2.5Y 5/1) CLAYEY NANNOFOSSIL OOZE. In general, these beds are thinner than 30 cm below Section 3, 40 cm. The sediment is slightly bioturbated throughout. Black pyrite-filled burrows occur intermittently. Thin black pyrite layers occur in Section 1 at 95 and 137 cm. Thin yellow color bands with gradational contacts occur in Section 2 at 48–54 cm. The upper 70 cm of Section 1 is drilling disturbed with flow-in structures.



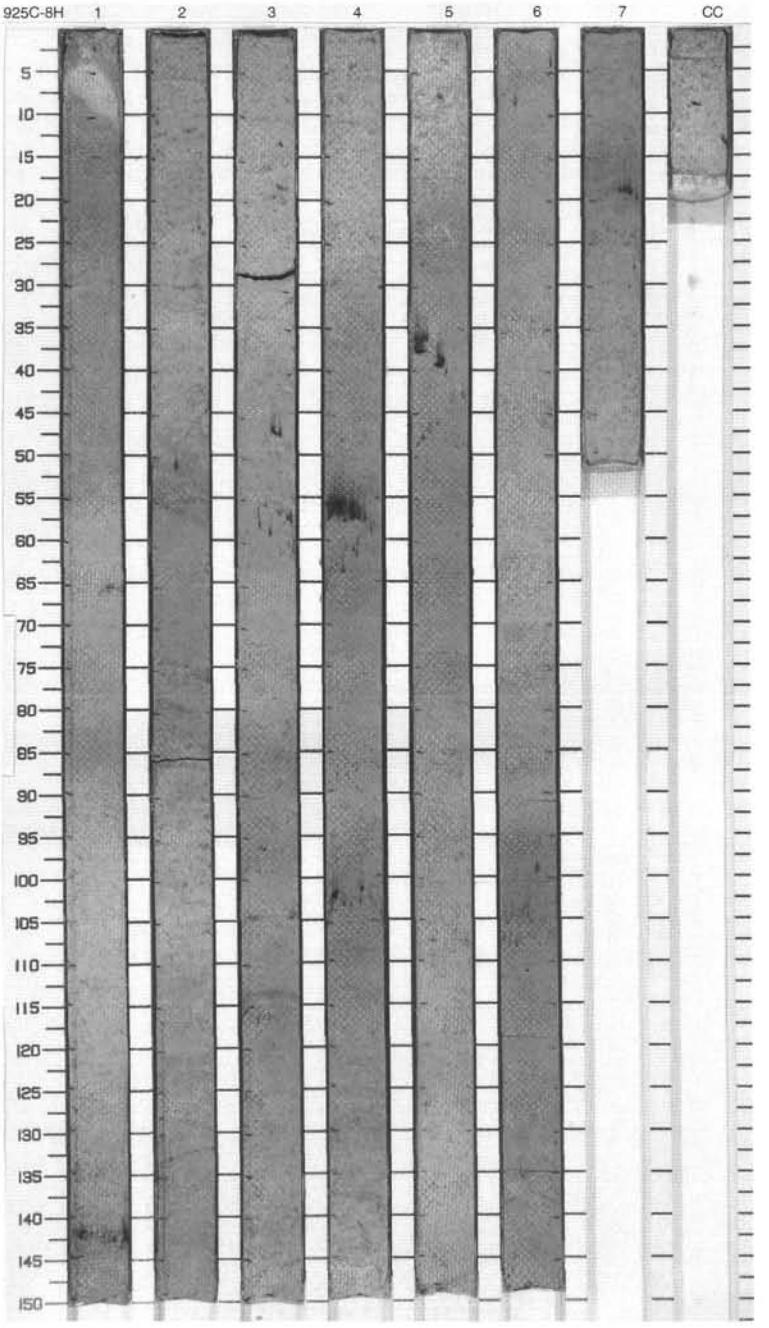
SITE 925 HOLE C CORE 7H CORED 55.5 - 65.0 mbsf





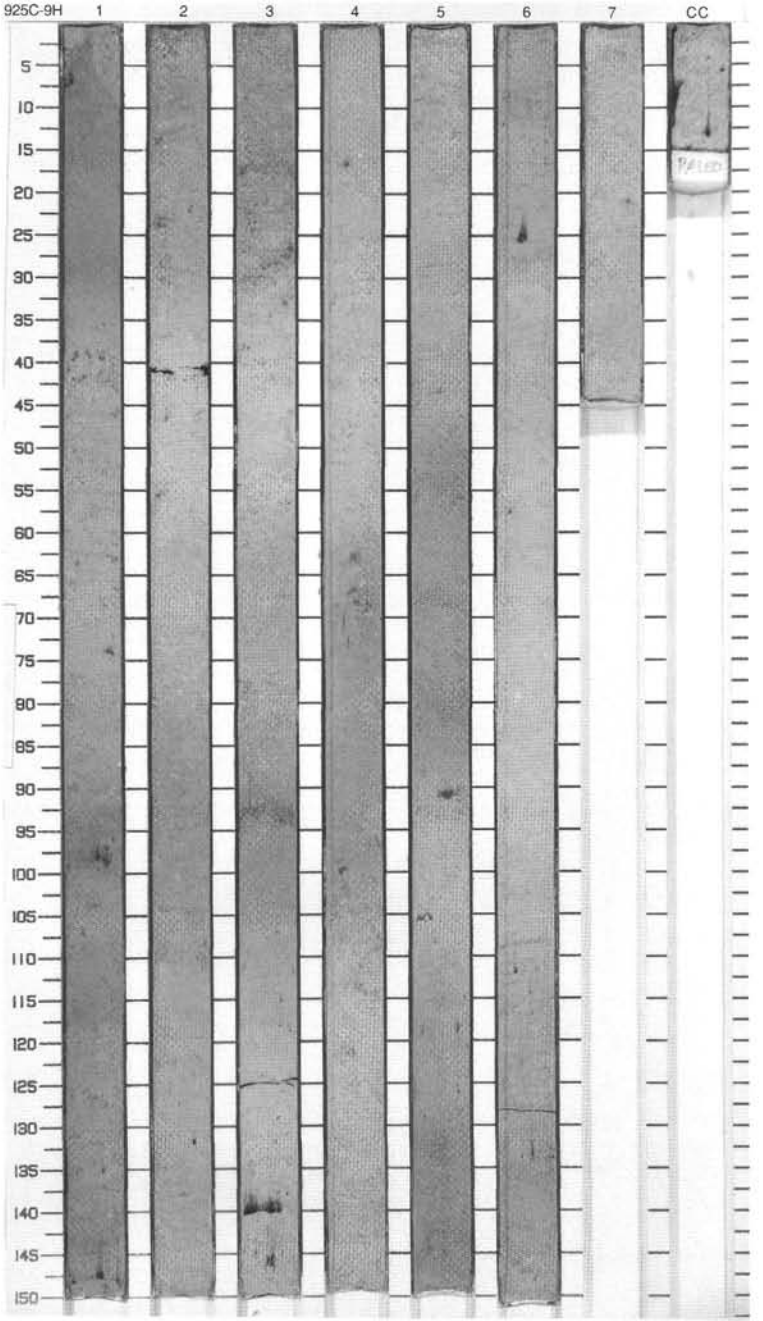
SITE 925 HOLE C CORE 8H CORED 65.0 - 74.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20 40	1–9		1–7, CC	Pliocene	P	W	S, M	2.5Y 6/1; 5Y 5/1; 2.5Y 6/1; 2.5Y 6/1 To 5Y 5/1; 2.5Y 6/1; 2.5Y 6/1 To 5Y 5/1; 5Y 5/1; 2.5Y 6/1; 5Y 5/1; 2.5Y 6/1; 5Y 5/1; 2.5Y 6/1; 5Y 5/1	NANNOFOSSIL OOZE General Description: This core contains alternating beds of light gray (5Y 5/1) and gray (2.5Y 6/1) NANNOFOSSIL OOZE. The sediment is slightly bioturbated and mottled. Thin (1 cm) to thick (30 cm) black color bands with pyrite, partly accompanied by yellowish color bands, are present in Section 1 at 40–50, 84–87, and 140–145 cm, Section 2, 45–60 cm, Section 3, 30–60 and 115–120 cm, and Section 4, 56–58 and at 102–105 cm.

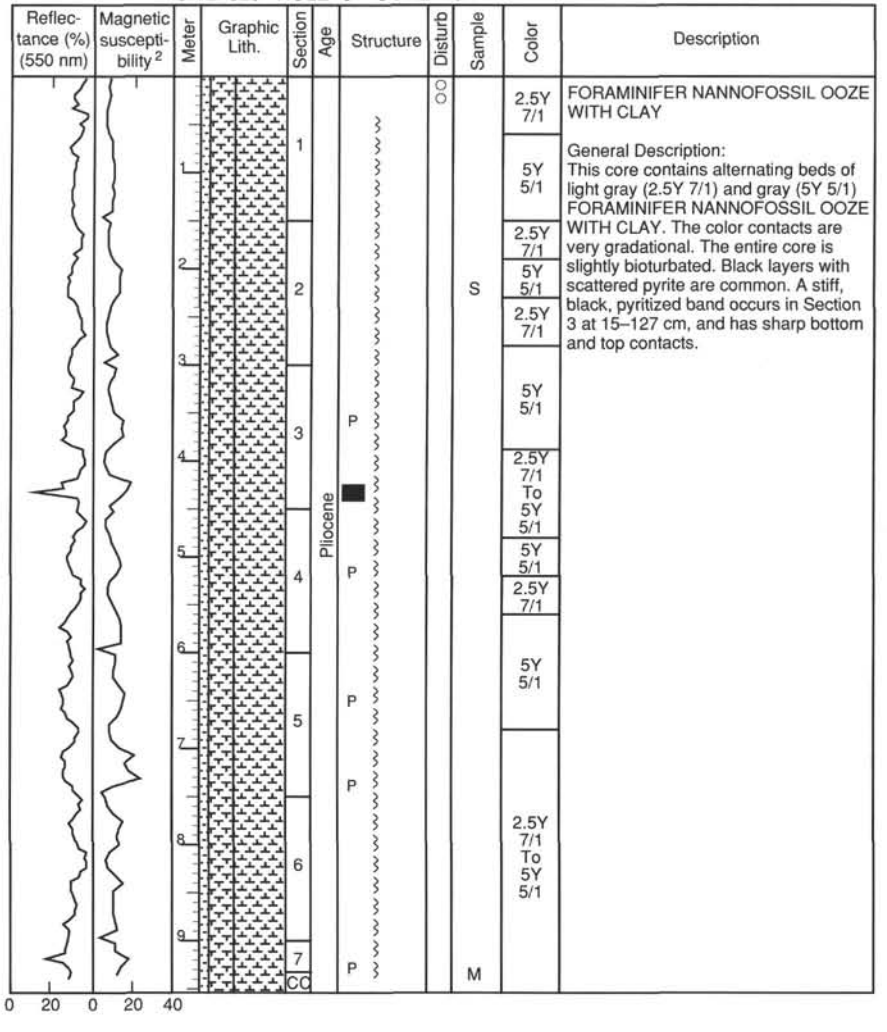


SITE 925 HOLE C CORE 9H CORED 74.5 - 84.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 25	0 20 40	1–9		1–7, CC	Pliocene	P, (P)		S, M	5Y 5/1; 2.5Y 7/1; 5Y 5/1 To 2.5Y 7/1	NANNOFOSSIL OOZE General Description: This core contains alternating beds of light gray (2.5Y 7/1) and gray (5Y 5/1) NANNOFOSSIL OOZE. The color contacts are very gradational. The sediment is slightly bioturbated. Black layers with disseminated pyrite and/or pyrite concretions are common throughout the core.

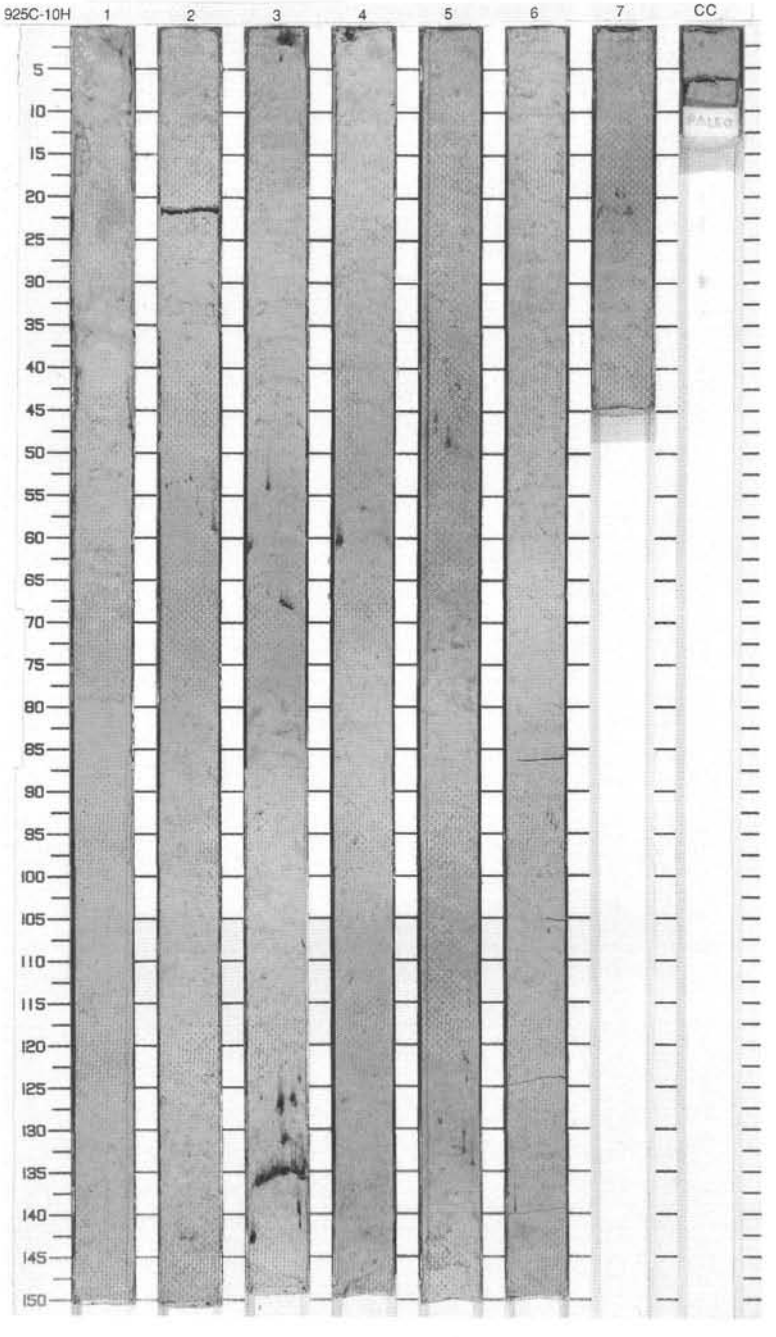


SITE 925 HOLE C CORE 10H CORED 84.0 - 93.5 mbsf



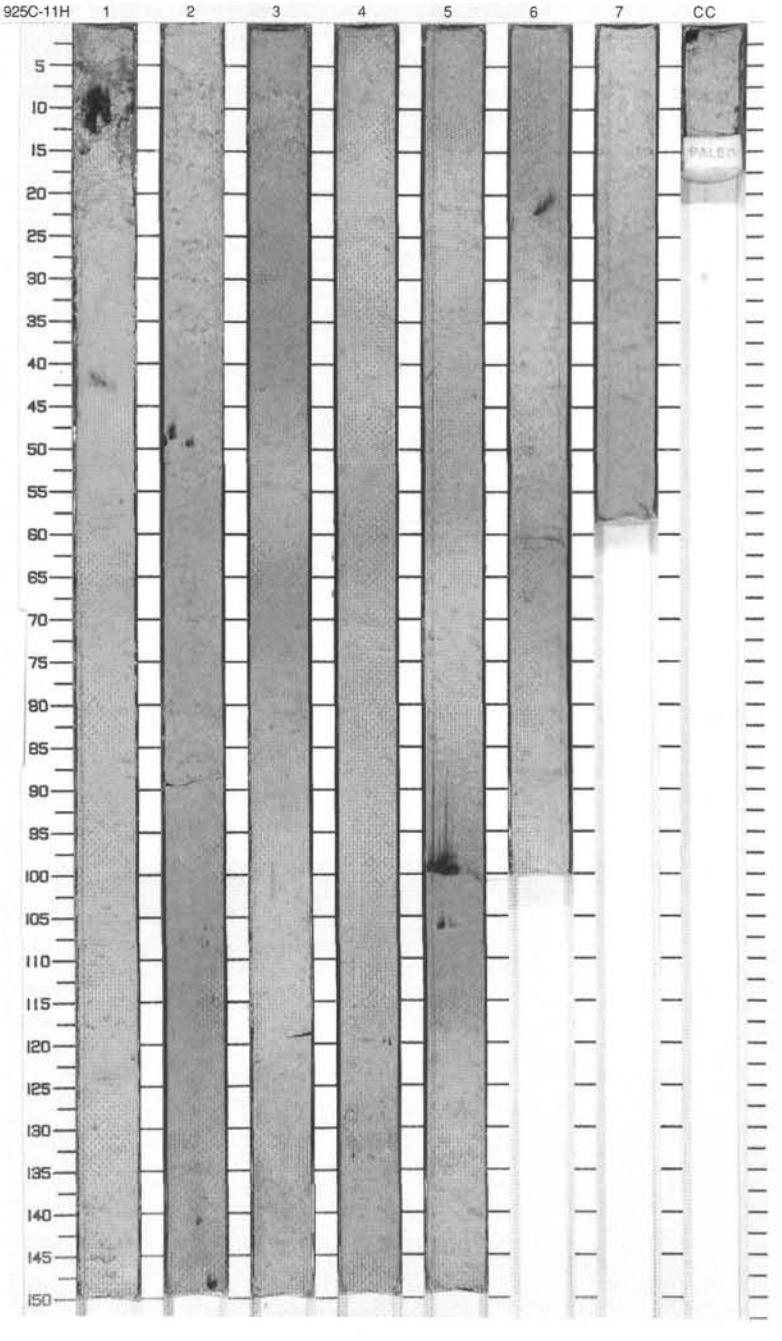
FORAMINIFER NANNOFOSSIL OOZE WITH CLAY

General Description:
This core contains alternating beds of light gray (2.5Y 7/1) and gray (5Y 5/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. The color contacts are very gradational. The entire core is slightly bioturbated. Black layers with scattered pyrite are common. A stiff, black, pyritized band occurs in Section 3 at 15–127 cm, and has sharp bottom and top contacts.

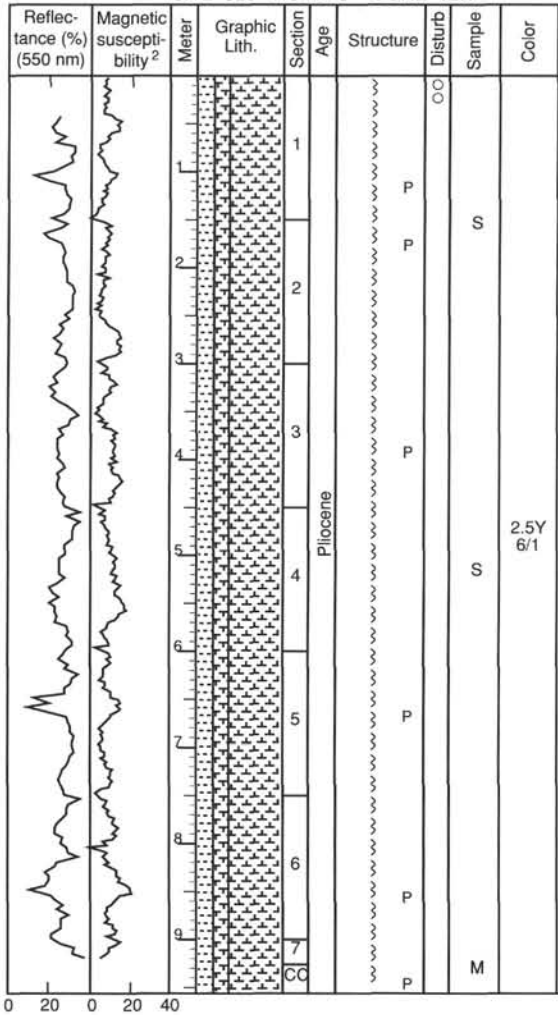


SITE 925 HOLE C CORE 11H CORED 93.5 - 103.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 30	0 20 40	1–8		1–7, CC	Pliocene	P, Ⓟ		S, M	2.5Y 7/1; 5Y 5/1; 5Y 5/1 To 2.5Y 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains alternating beds of light gray (2.5Y 7/1) and gray (5Y 5/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. In general, these beds are thinner than 40 cm below Section 2, 80 cm. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common.



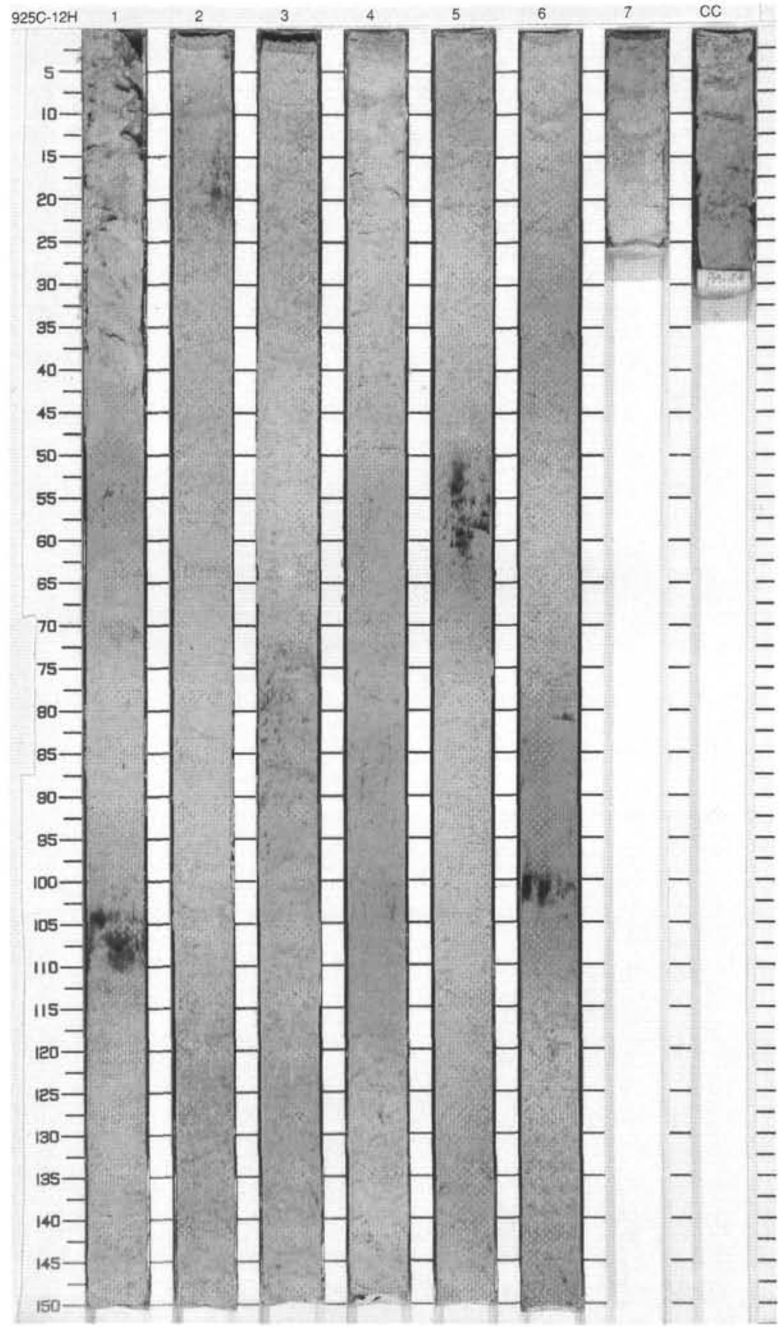
SITE 925 HOLE C CORE 12H CORED 103.0 - 112.5 mbsf



Description

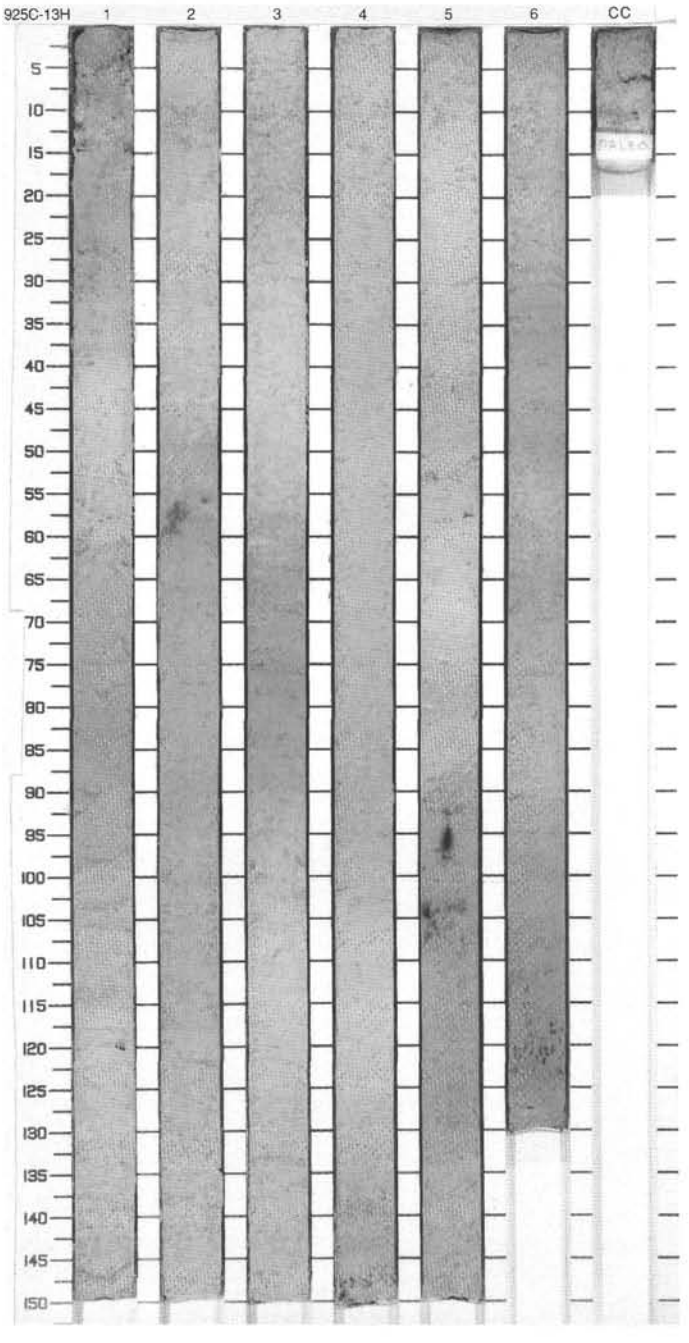
FORAMINIFER NANNOFOSSIL OOZE WITH CLAY

General Description:
This core contains light grayish brown (2.5Y 6/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. The color varies only gradational within the chroma. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common throughout the core.



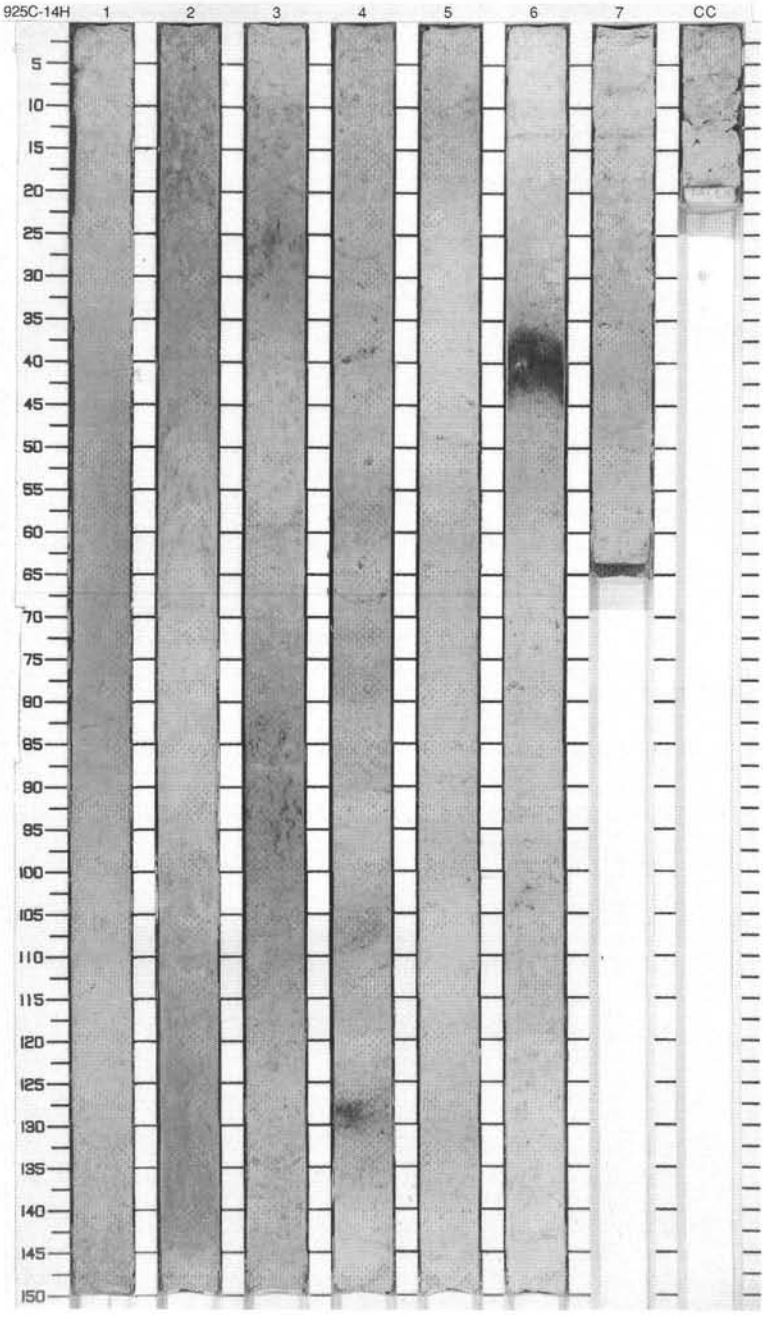
SITE 925 HOLE C CORE 13H CORED 112.5 - 122.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 25	0 50 100	1 2 3 4 5 6 7 8		1 2 3 4 5 6 CC	Pliocene	P P P P P		S S M	10YR 6/1	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains a nearly uniform light grayish brown (10YR 6/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color varies only gradational in one chroma. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common throughout the core.



SITE 925 HOLE C CORE 14H CORED 122.0 - 131.5 mbsf

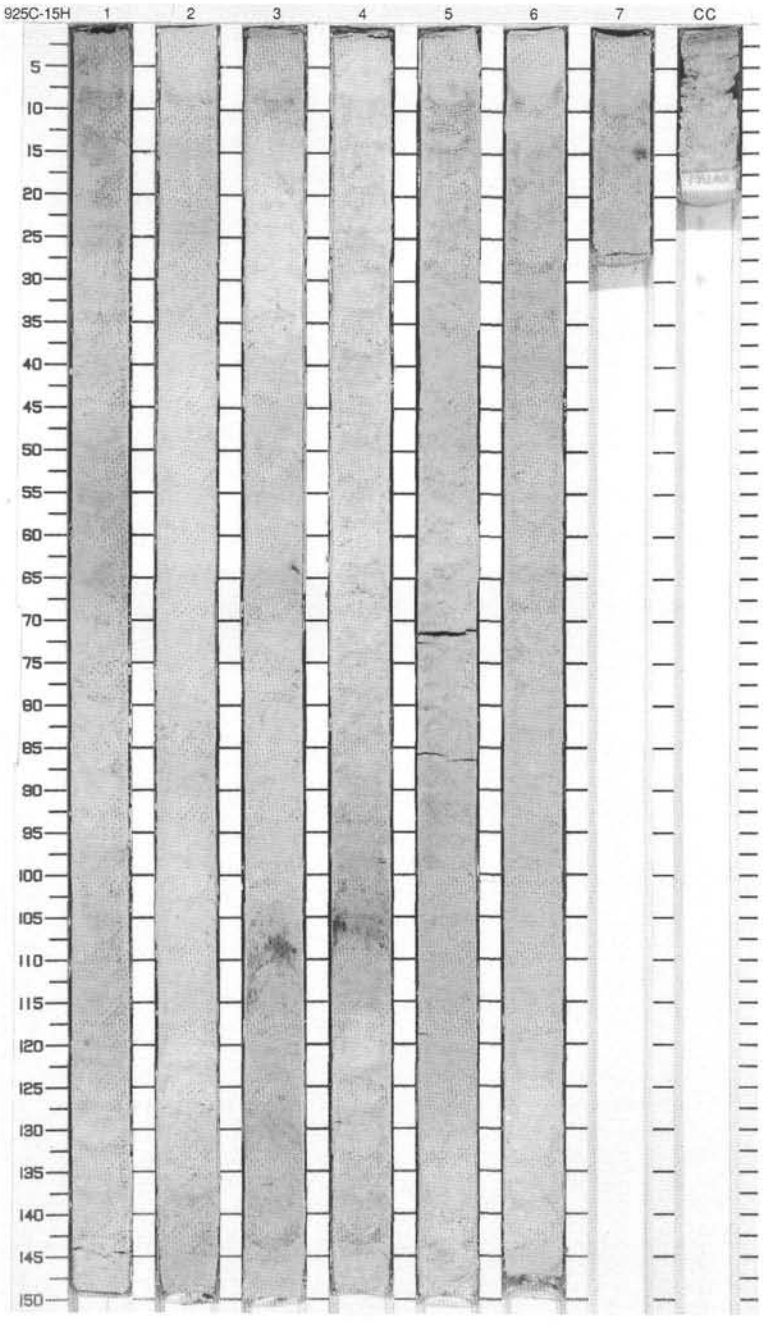
Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 50	0 50 100	1–9		1	Pliocene				2.5Y 6/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of light brownish gray (10YR 6/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and light grayish brown (2.5Y 6/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common throughout the core. The uppermost part of Section 1 is moderately disturbed by flow-in due to coring.
									10YR 6/1	
				2					2.5Y 6/1	
									10YR 6/1	
				3		P			2.5Y 6/1	
						P			10YR 6/1	
									2.5Y 6/1	
				4		P			10YR 6/1	
									2.5Y 6/1	
						P			10YR 6/1	
				5				S	10YR 6/1	
									2.5Y 6/1	
				6		P			10YR 6/1	
									2.5Y 6/1	
				7					10YR 6/1	
				CC				M	2.5Y 6/1	



SITE 925 HOLE C CORE 15H CORED 131.5 - 141.0 mbsf

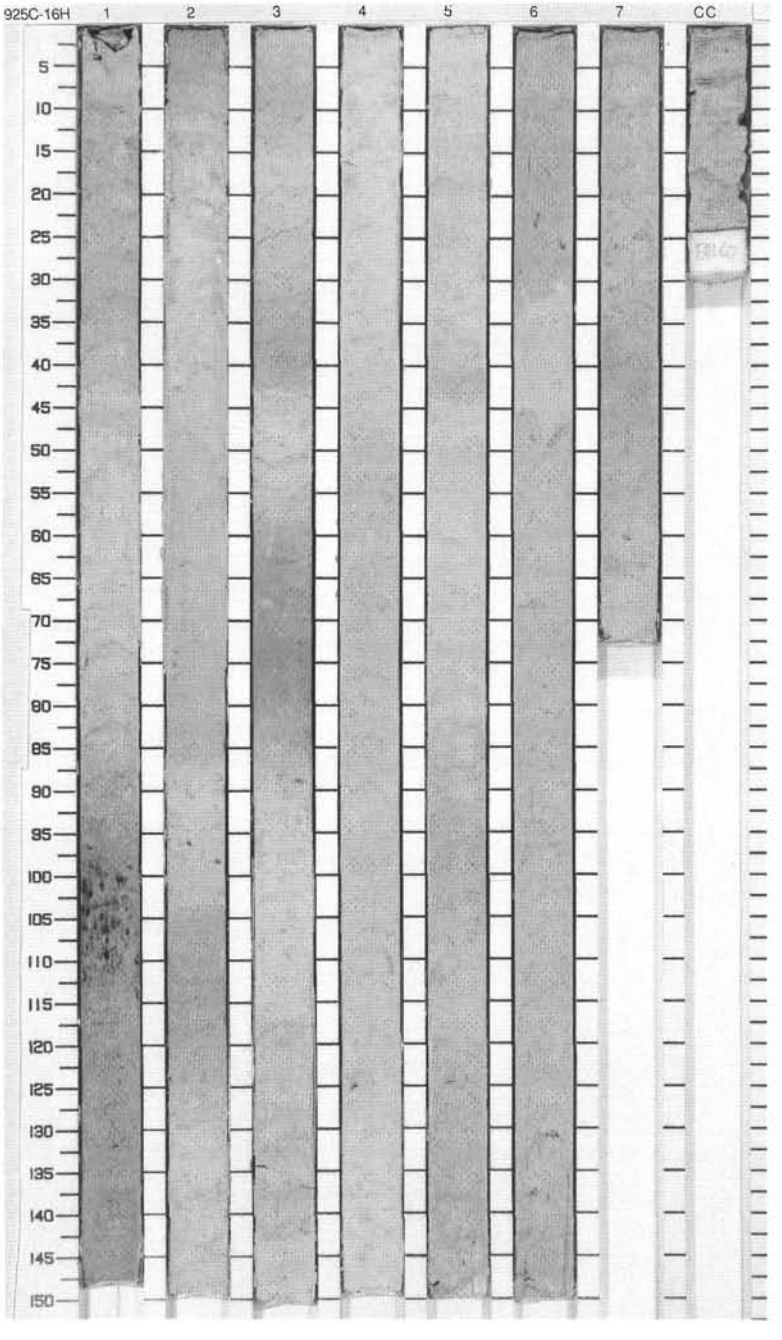
Reflectance (%) (550 nm)	Magnetic susceptibility ^{2}	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
				1	Pliocene				5Y 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of light grayish brown (2.5Y 6/1) NANNOFOSSIL OOZE WITH CLAY and light gray (5Y 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common throughout the core.
									2.5Y 6/1	
				2					5Y 7/1	
								S		
				3		P			2.5Y 6/1	
									5Y 7/1	
				4					2.5Y 6/1	
						P			5Y 7/1	
				5					2.5Y 6/1	
								S	5Y 7/1	
									2.5Y 6/1	
				6					5Y 7/1	
				7		P		M	2.5Y 6/1	
				CC						

20 40 0 10 20



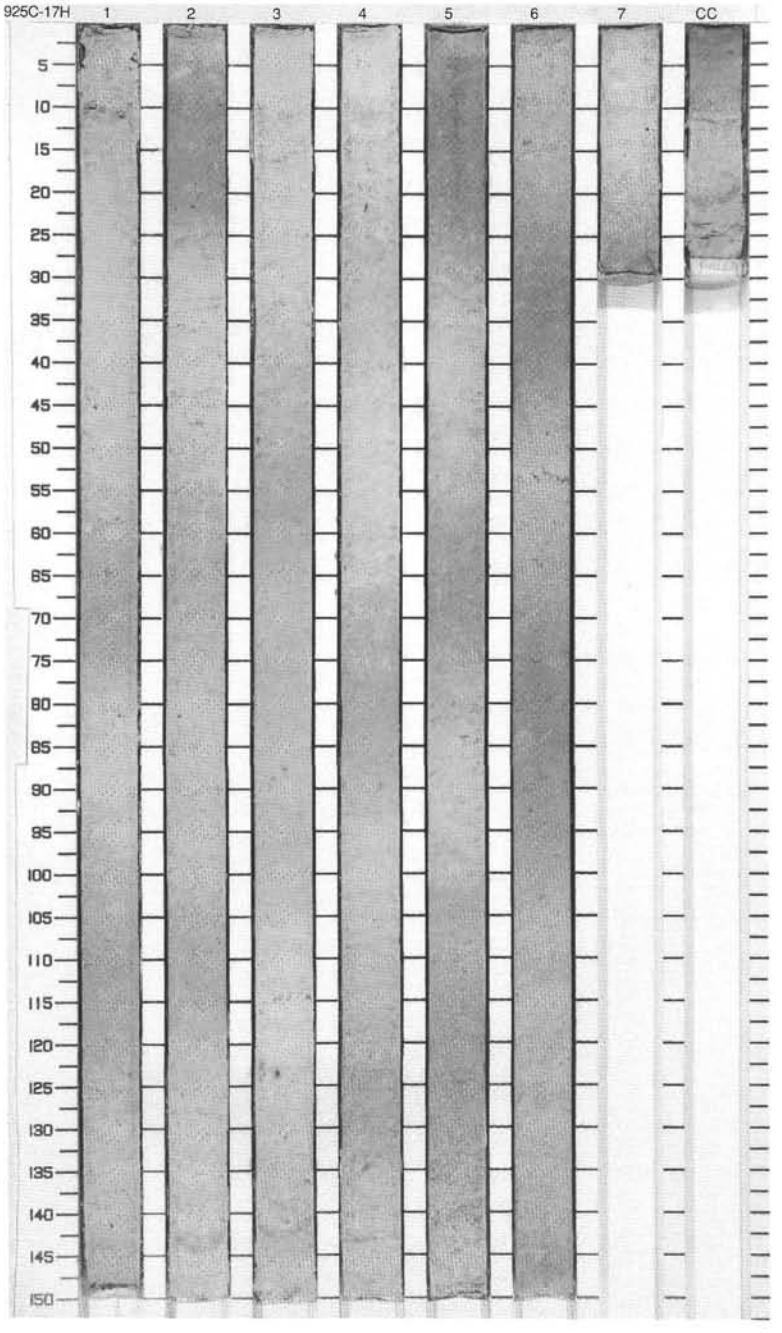
SITE 925 HOLE C CORE 16H CORED 141.0 - 150.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1	Pliocene	P		S	2.5Y 6/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of light grayish brown (2.5Y 6/1) CLAYEY NANNOFOSSIL OOZE and light gray (5Y 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common throughout the core. The upper part of Section 2 is disturbed (flow-in) due to coring.
									5Y 7/1	
				2		P			2.5Y 6/1	
									5Y 7/1	
									2.5Y 6/1	
				3					5Y 7/1	
								S	2.5Y 6/1	
				4					5Y 7/1	
									2.5Y 6/1	
				5					5Y 7/1	
									2.5Y 6/1	
				6					5Y 7/1	
						P			2.5Y 6/1	
				7						
				CC				M		



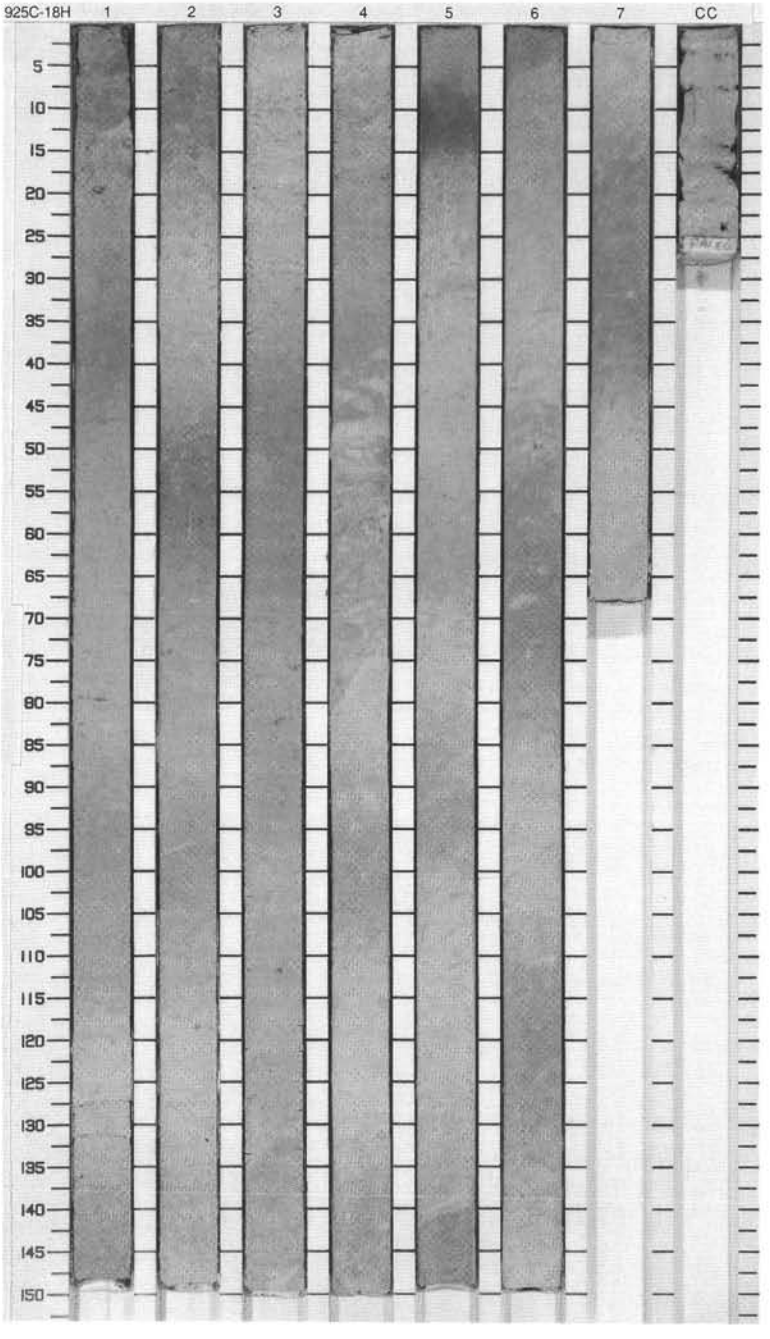
SITE 925 HOLE C CORE 17H CORED 150.5 - 160.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–9		1	late Miocene	P			10YR 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of light grayish brown (10YR 6/1) CLAYEY NANNOFOSSIL OOZE and light gray (10YR 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are common throughout the core.
									10YR 6/1	
									10YR 7/1	
				2				S	10YR 6/1	
									10YR 7/1	
									10YR 6/1	
				3					10YR 7/1	
						P			10YR 6/1	
				4				S	10YR 7/1	
						P			10YR 6/1	
				5					10YR 7/1	
									10YR 6/1	
				6		P			10YR 7/1	
									10YR 6/1	
									10YR 7/1	
				7					10YR 6/1	
				CC				M		



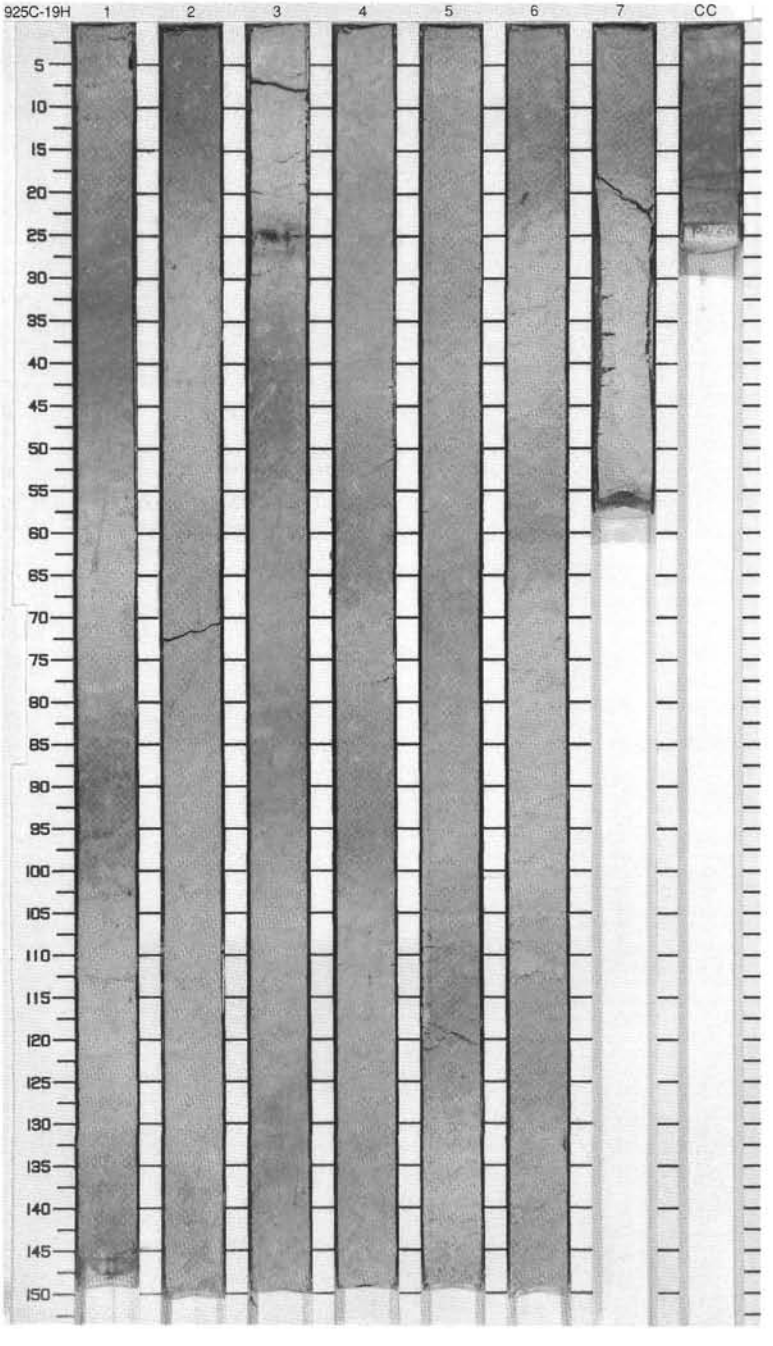
SITE 925 HOLE C CORE 18H CORED 160.0 - 169.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–9		1–7, CC	late Miocene	P, P, P, P	!	S, S, M	2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of light grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE WITH CLAY and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color contacts are very gradational, except for one (erosional?) contact in Section 5, 130 cm. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are present in the core. In Section 3, 50–60 cm, biscuit-like structures indicate coring disturbance.



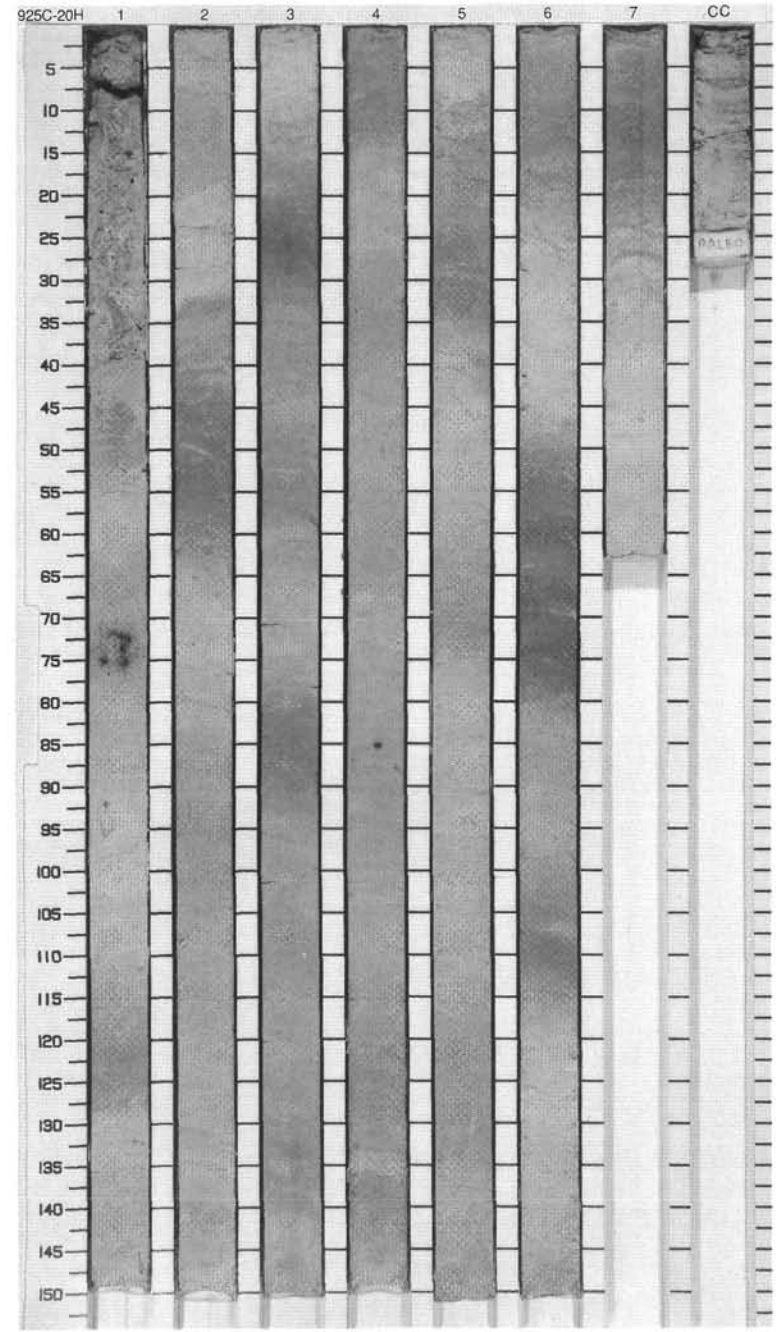
SITE 925 HOLE C CORE 19H CORED 169.5 - 179.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 25	-20 0 20			1 2 3 4 5 6 7 CC	late Miocene	P P		S S M	2.5Y 6/2 To 2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of light grayish brown (2.5Y 6/2) NANNOFOSSIL OOZE WITH CLAY and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are present in the core.



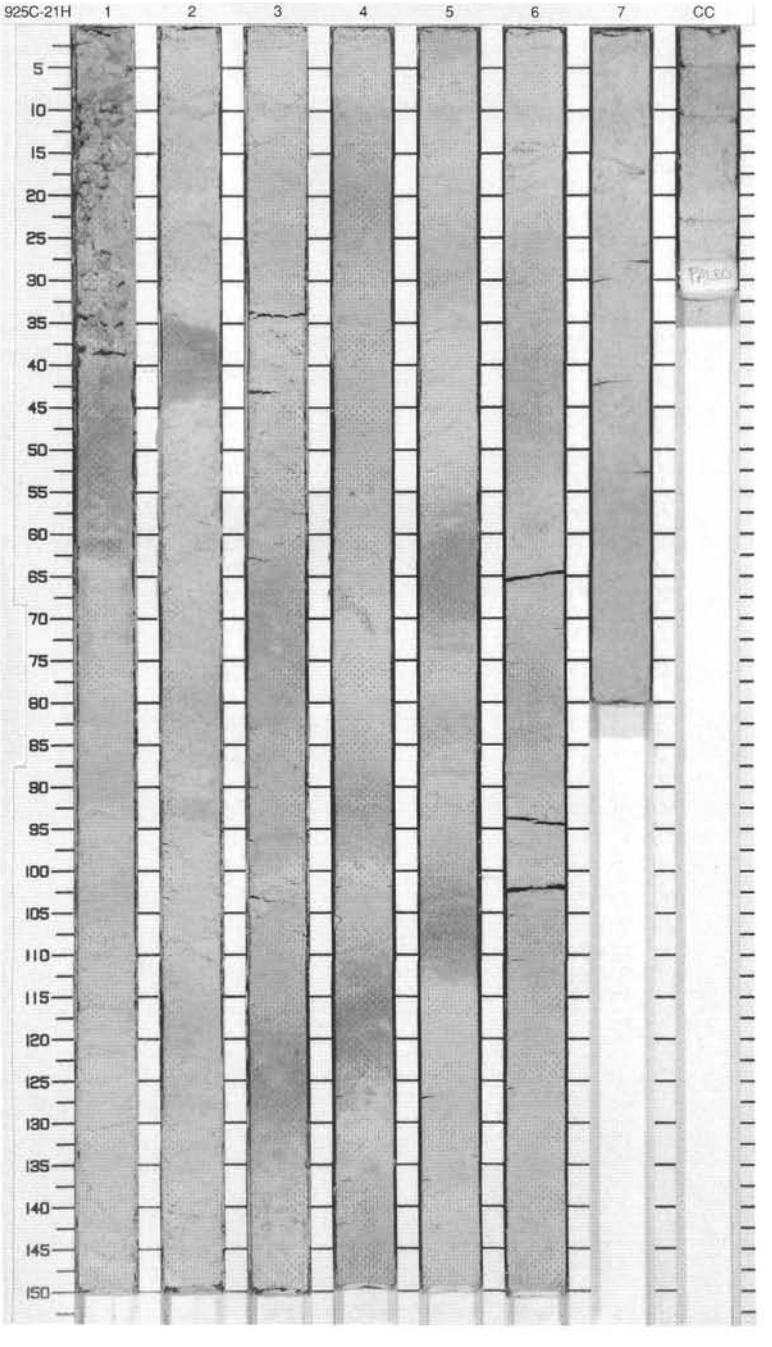
SITE 925 HOLE C CORE 20H CORED 179.0 - 188.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility ^{2}	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 25	0 20 40	1–9		1–7, CC	late Miocene	P, P	VVV	S, S, M	2.5Y 6/2 To 2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of light grayish brown (2.5Y 6/2) and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. The color contacts are very gradational. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are present in the core. The uppermost part of Section 1 is very disturbed due to drilling.



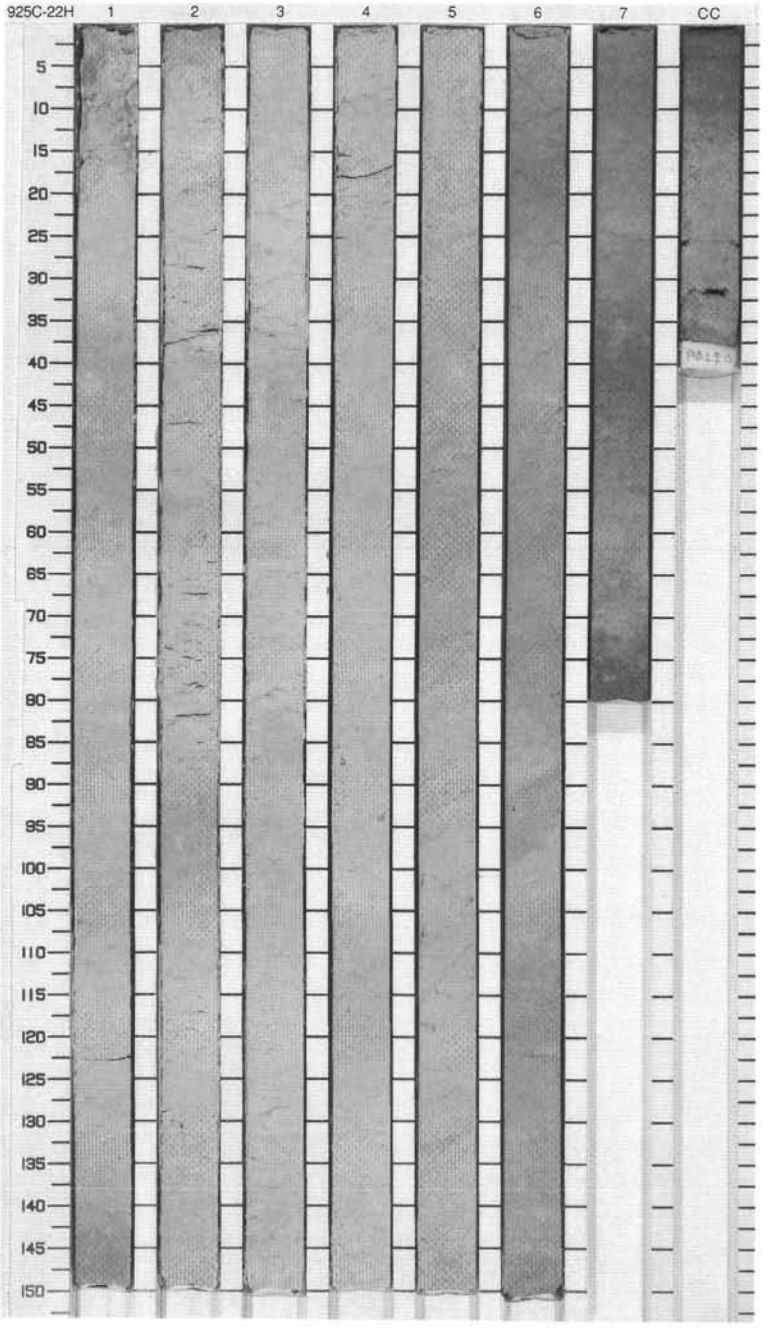
SITE 925 HOLE C CORE 21H CORED 188.5 - 198.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility ^{2}	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1–7, CC	late Miocene	P, P	W V V	S, S, M	2.5Y 6/2 To 2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY and CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of light grayish brown (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. The color contacts are very gradational, except for one sharp (erosional?) contact in Section 2, 35 cm. The sediment is slightly bioturbated. Thin, black layers with disseminated pyrite and/or with pyrite concretions are present in the core. The uppermost part of Section 1 is very disturbed due to drilling.



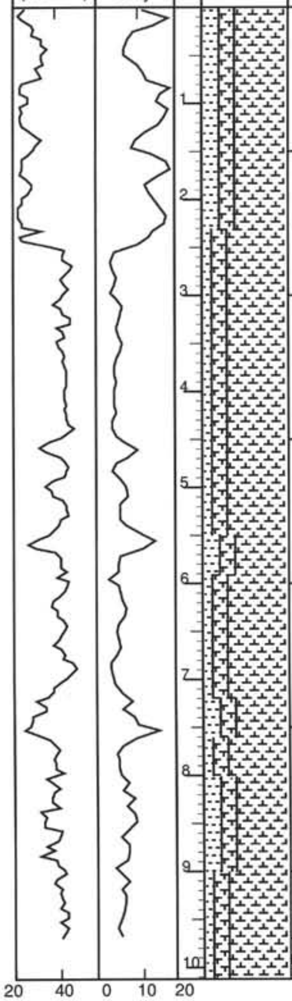
SITE 925 HOLE C CORE 22H CORED 198.0 - 207.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 20 40	1–10		1–7, CC	late Miocene			S, M	2.5Y 6/2 To 2.5Y 7/2; 2.5Y 6/2	NANNOFOSSIL OOZE WITH CLAY and CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of light grayish brown (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. The color contacts are very gradational. The sediment is slightly bioturbated. The uppermost part of Section 1 is very disturbed due to drilling. In Section 2, 20–40 and 65–85 cm, biscuit-like structures indicate coring disturbance.



SITE 925 HOLE C CORE 23H CORED 207.5 - 217.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility [2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description



Section: 1, 2, 3, 4, 5, 6, 7, CC

Age: late Miocene

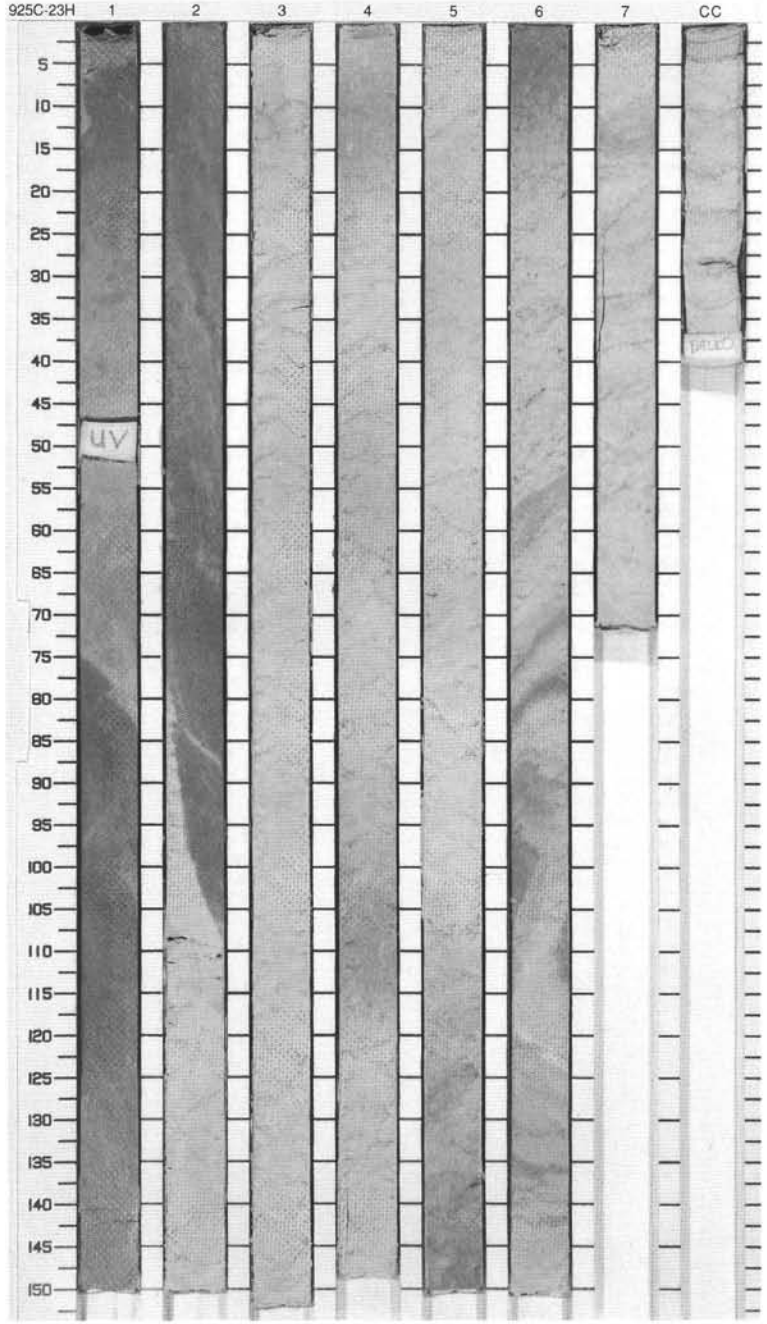
Sample: S, S, M

Color: 2.5Y 5/2; 2.5Y 6/2; 2.5Y 5/2; 5GY 7/1; 2.5Y 6/2; 5GY 7/1; 2.5Y 6/2; 5GY 7/1; 5GY 7/1 To 2.5Y 6/2; 5GY 7/1

Description:

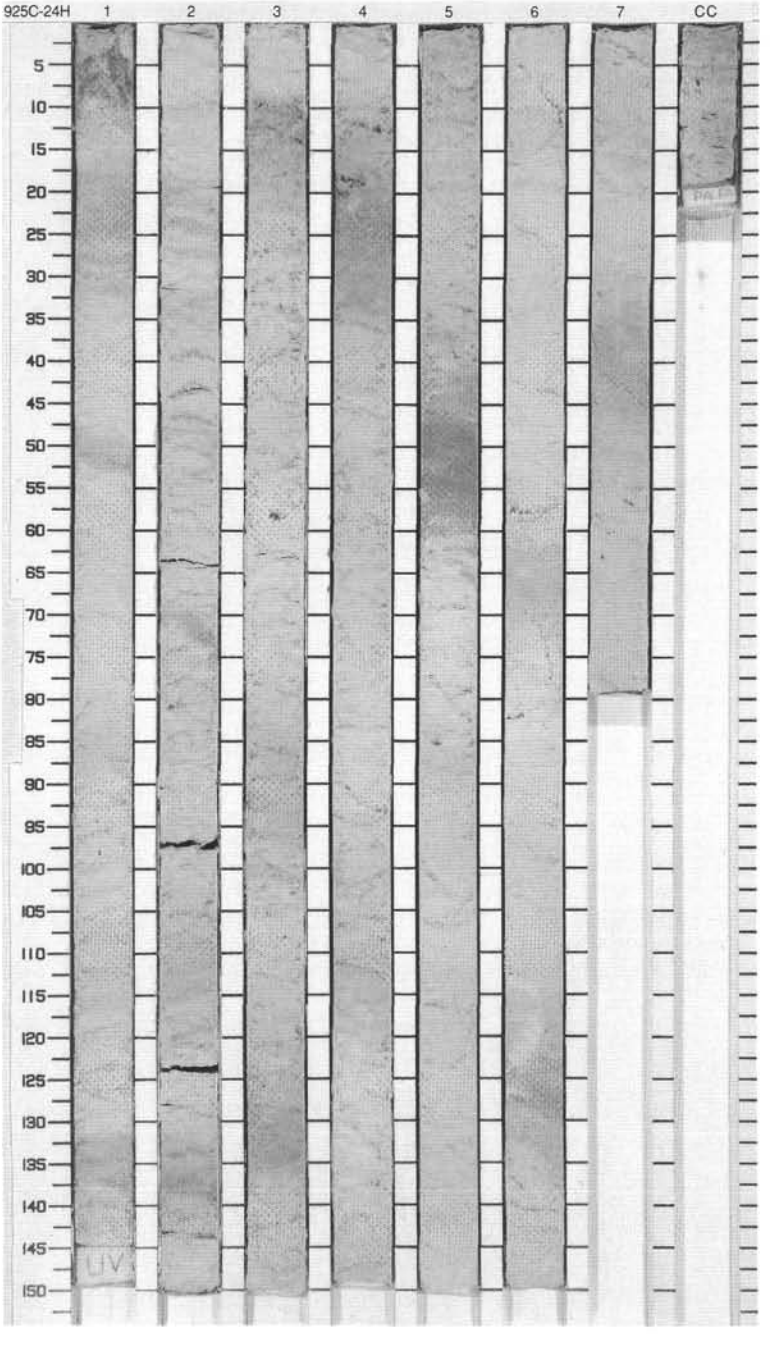
NANNOFOSSIL OOZE WITH FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS

General Description:
This core contains alternating beds of light grayish brown (2.5Y 5/2, 6/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and light greenish gray (5GY 7/1) NANNOFOSSIL OOZE WITH FORAMINIFERS. The sediment is slightly bioturbated. The whole core, except for the uppermost 40 cm, shows structures of intensive disturbance in different types. In Section 1, 46–49 cm, a void is present in the core. Microfaults (Section 1, 80 cm, Section 6, 135 cm, Section 7, 32 cm), biscuits (Sections 3, 4, and CC), flow-ins (Section 1, 120–140 cm, Section 2, 0–60 cm), and folding (Section 6, 70–120 cm) indicate slumping (see also Hole 925D, Core 23H).



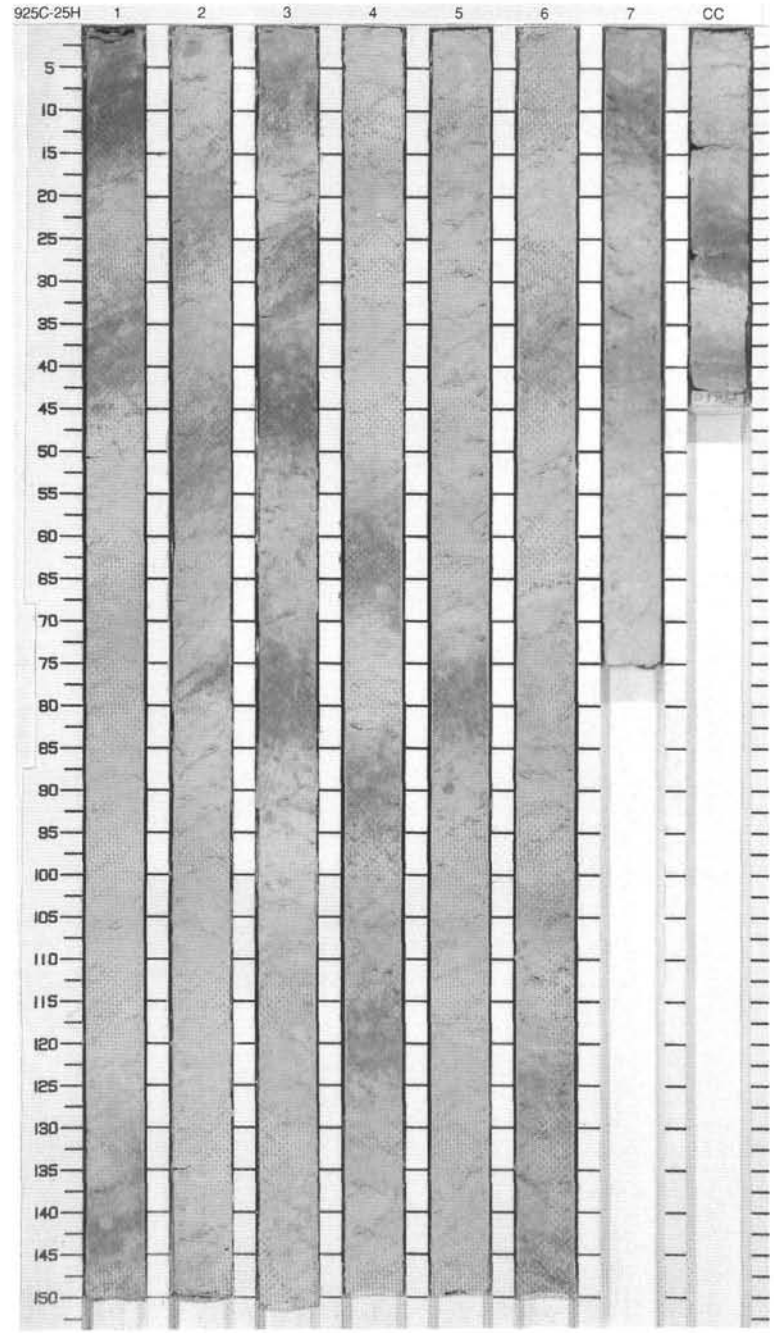
SITE 925 HOLE C CORE 24H CORED 217.0 - 226.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1–7, CC	late Miocene	P P P P P	I	S S M	5GY 7/1	FORAMINIFER NANNOFOSSIL OOZE General Description: This core contains greenish gray (5GY 7/1) FORAMINIFER NANNOFOSSIL OOZE. There are thin beds (<20 cm) of grayish brown (7.5Y 7/1) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY represented here by color bands. The entire core is slightly bioturbated and mottled with pyrite-filled burrows. Layers of disseminated pyrite are common.



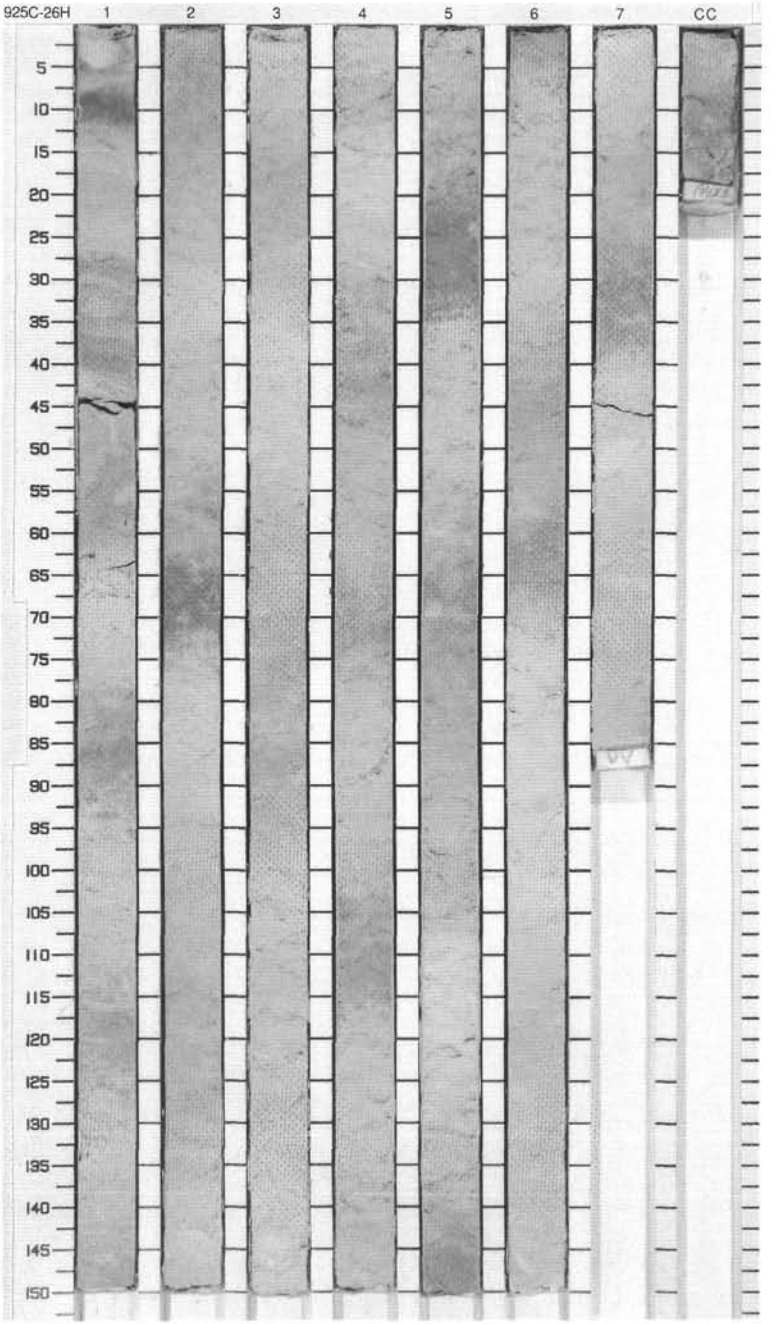
SITE 925 HOLE C CORE 25H CORED 226.5 - 236.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1–7, CC	late Miocene			S, M	10Y 7/1	FORAMINIFER NANNOFOSSIL OOZE General Description: This core consists of light gray (10Y 7/1) FORAMINIFER NANNOFOSSIL OOZE that is slightly bioturbated. Thin layers (<30 cm) of FORAMINIFER NANNOFOSSIL OOZE WITH CLAY are light brown (7.5YR 6/3) and are represented here as color bands. The color contacts are very gradational.



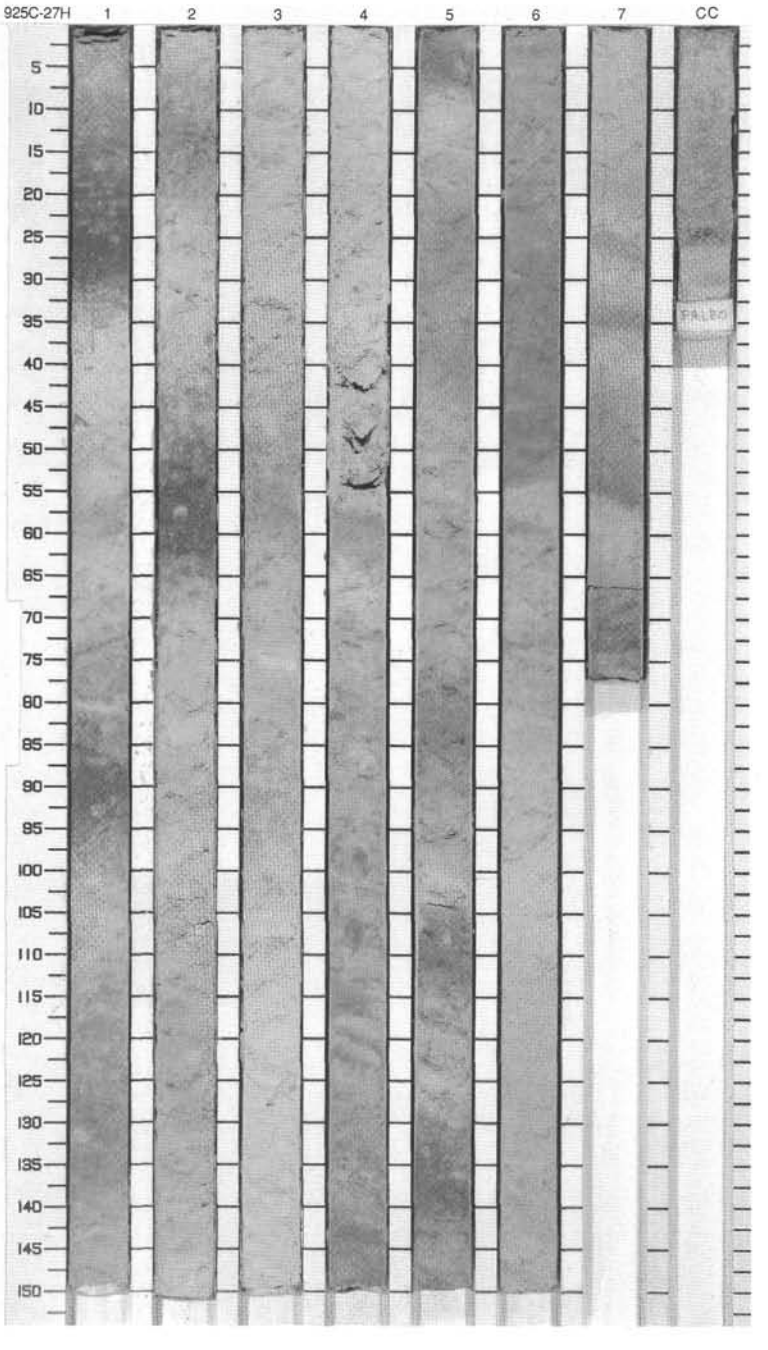
SITE 925 HOLE C CORE 26H CORED 236.0 - 245.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1–7, CC	late Miocene			S, M	10Y 7/1	FORAMINIFER NANNOFOSSIL OOZE General Description: This core contains light gray (10Y 7/1) FORAMINIFER NANNOFOSSIL OOZE that is slightly bioturbated. Thin layers (10–40 cm) of FORAMINIFER NANNOFOSSIL OOZE WITH CLAY are light brown (10YR 6/3) and are represented here by color bands. Drilling disturbance has formed biscuits in a softer matrix.

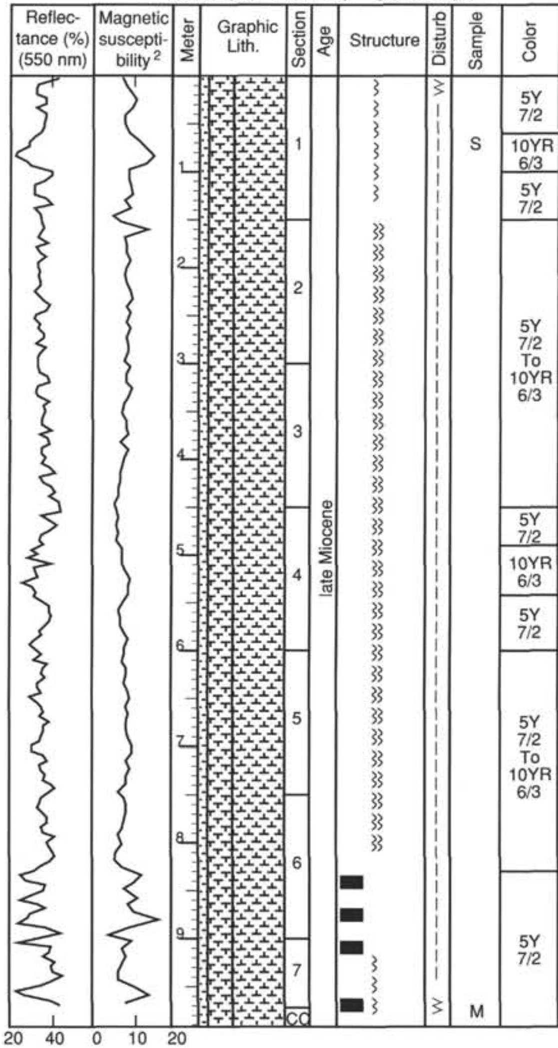


SITE 925 HOLE C CORE 27H CORED 245.5 - 255.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1–7, CC	late Miocene			S, S, S, S, M	10Y 7/1; 10Y 7/1 To 10YR 6/3; 10Y 7/1; 5Y 6/2; 10Y 7/1; 10Y 7/1 To 10YR 6/3	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of light gray (10Y 7/1) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY and yellowish brown (5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY, that grades into light brown (10YR 6/3) thin layers of NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. These layers are represented here as color bands if they occur as individual bands with gradational color contacts. The entire core is slightly bioturbated. Drilling disturbance has formed biscuits in a softer matrix.



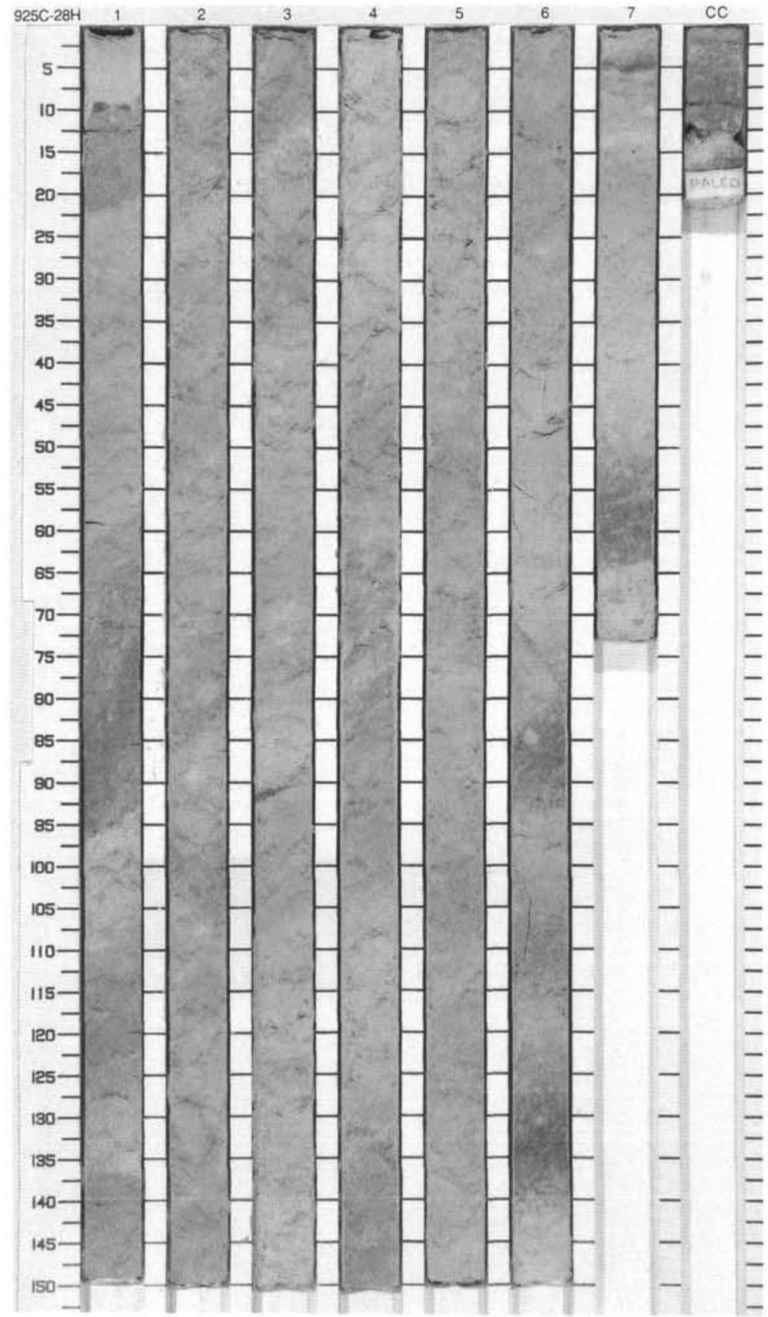
SITE 925 HOLE C CORE 28H CORED 255.0 - 264.5 mbsf



Description

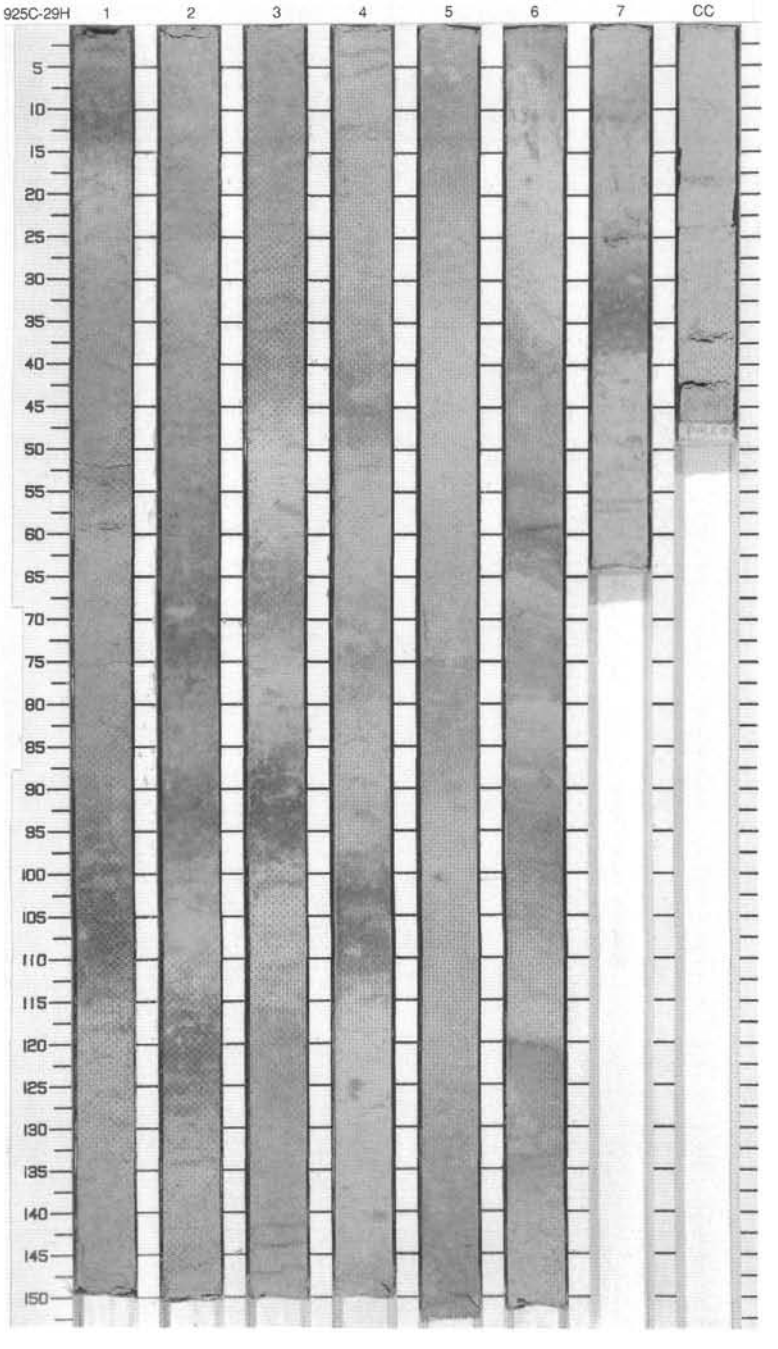
FORAMINIFER NANNOFOSSIL WITH CLAY

General Description:
This core contains light gray (5Y 7/2) and light gray to pale brown (10YR 6/3) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. Individual thin beds (<30 cm) of pale brown NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS have gradational contacts and are represented here by individual color bands. The entire core is slightly to moderately bioturbated. Minor to moderate drilling disturbance is indicated by sediment biscuits and dipping color contacts in Section 1.



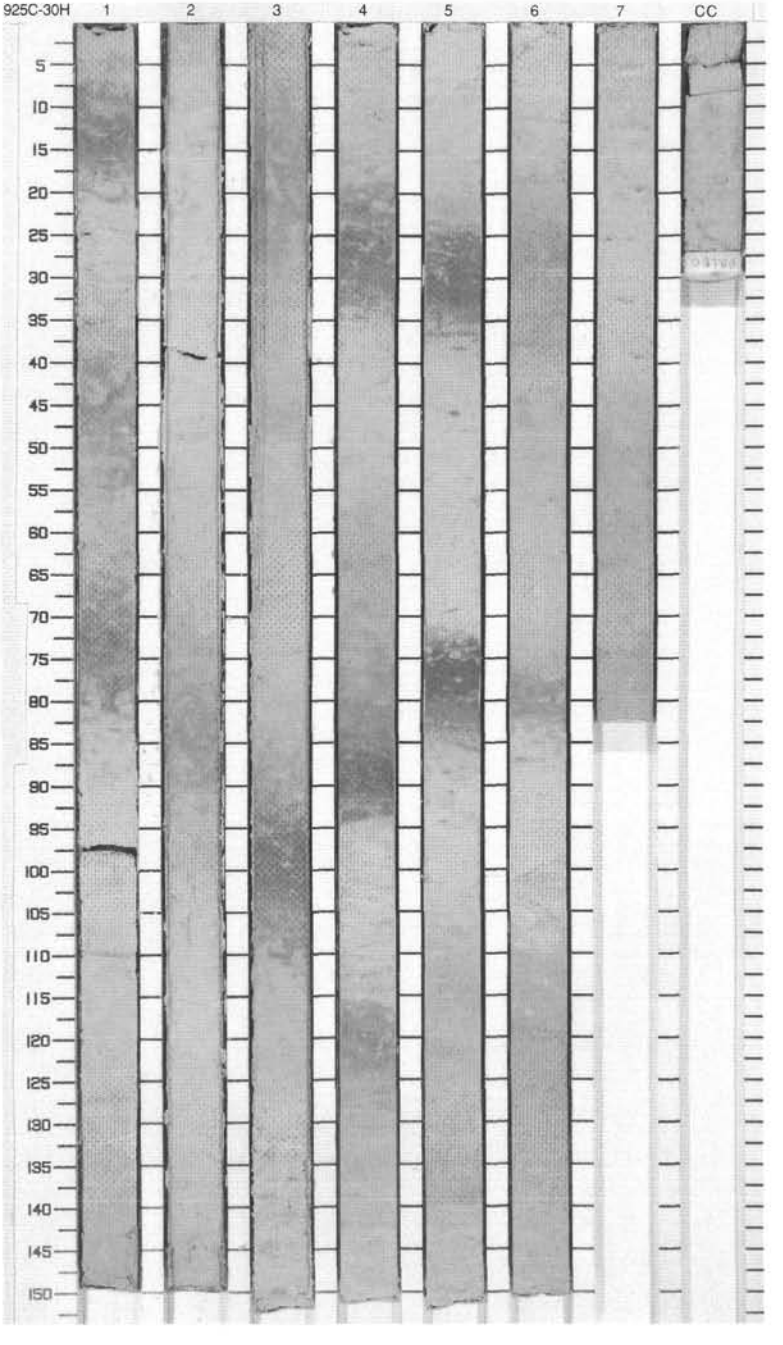
SITE 925 HOLE C CORE 29H CORED 264.5 - 274.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 20 40	1–10		1–7, CC	middle Miocene	P P		S M	10Y 7/2; 7.5GY 7/1	FORAMINIFER NANNOFOSSIL CHALK WITH CLAY General Description: This core contains light gray (10Y 7/2) and light blue gray (7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY. Thin beds (<30 cm) of pale brown (10YR 6/3) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS have gradational color contacts and are represented here by individual color bands. Convolute bedding, contorted color bands (mm-scale), and scoured sharp color contacts provide evidence for sediment redeposition (turbidites?) in Section 6, at 60–140 cm (see also Hole 925B, Sections 154-925B-30H-2 and -3). Traces of *Zoophycos* above a scoured sharp contact at Section 6, 50 cm imply autochthon sediment deposition and separates at least two events of sediment redeposition.



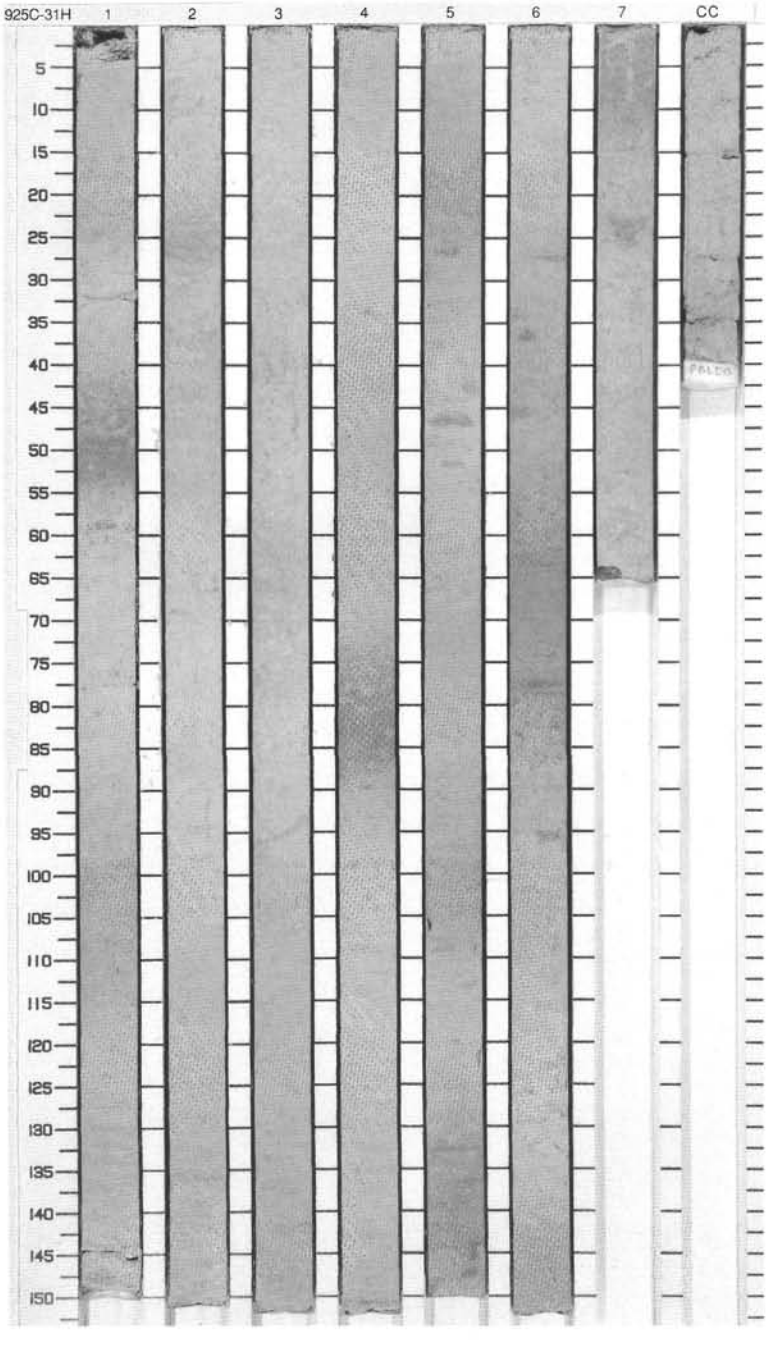
SITE 925 HOLE C CORE 30H CORED 274.0 - 283.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 20 40	1–10		1–7, CC				S, M	7.5GY 7/1	NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS General Description: This core consist of light blue gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS and is moderately bioturbated. Thin beds (<30 cm) of pale brown (5Y 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY have gradational color contacts and are represented here by individual color bands.

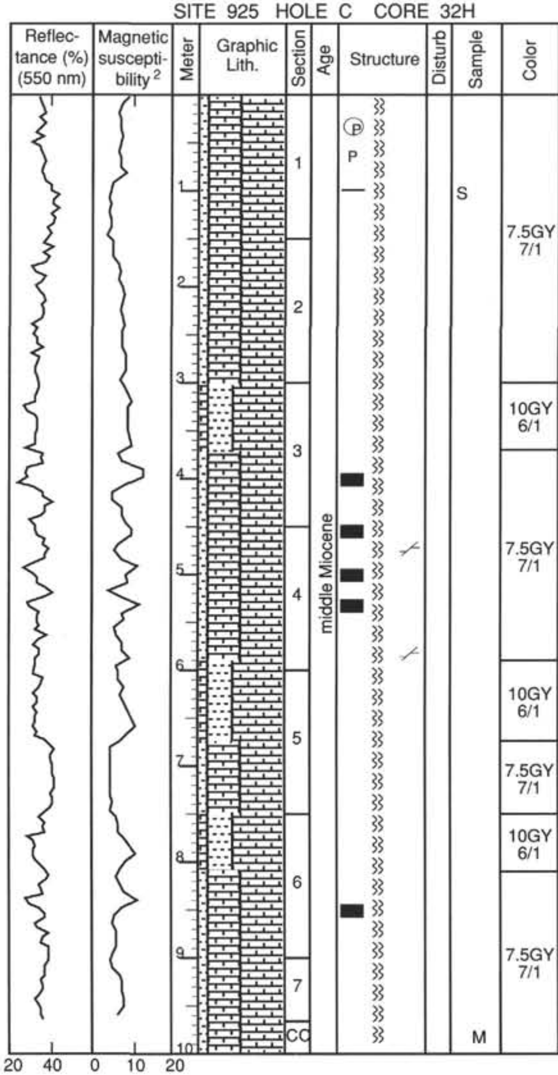


SITE 925 HOLE C CORE 31H CORED 283.5 - 293.0 mbsf

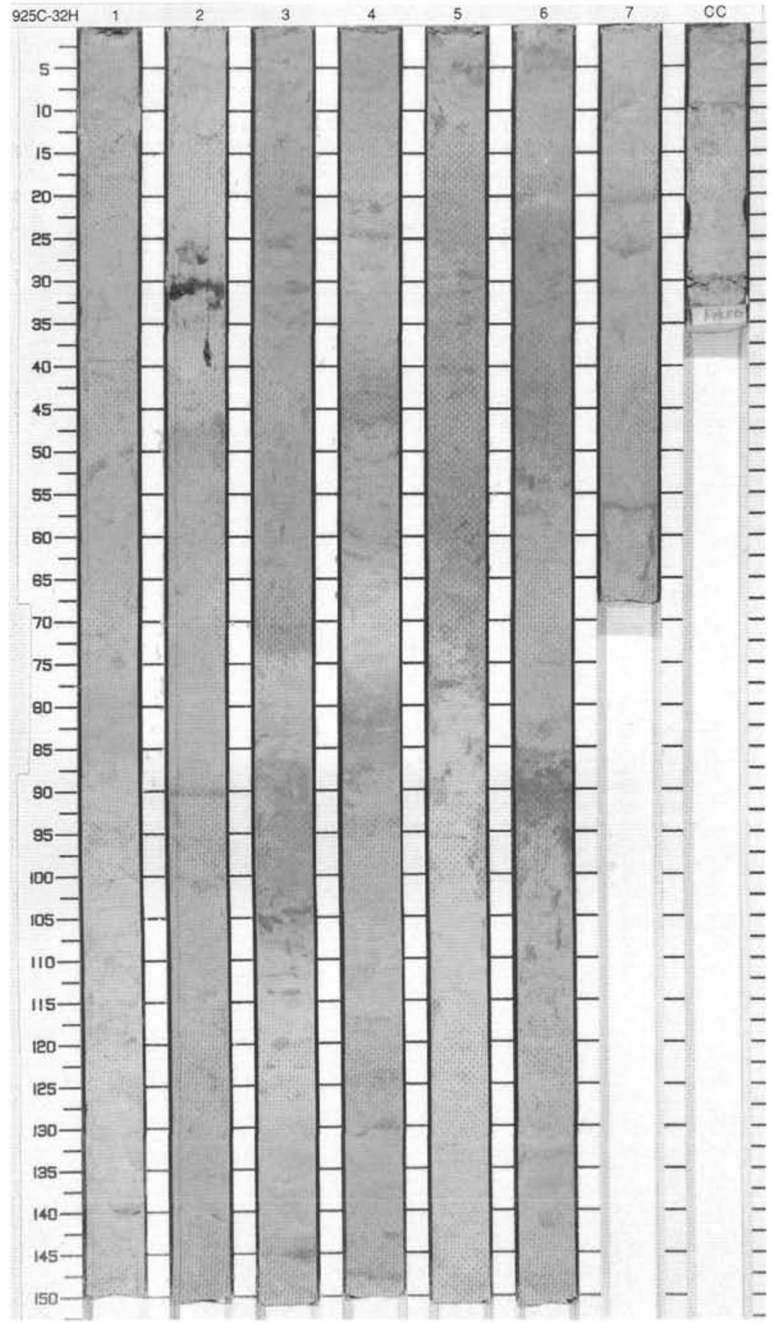
Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–10		1–7, CC	middle Miocene			S S M	7.5GY 7/1	NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS General Description: This core consist of light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. The sediment is moderately bioturbated and mottled and exhibits traces of *Zoophycos*. Thin beds (<30 cm) of dark gray (10GY 6/1) CLAYEY NANNOFOSSIL CHALK have gradational color contacts and are represented here by individual color bands.



SITE 925 HOLE C CORE 32H CORED 293.0 - 302.5 mbsf

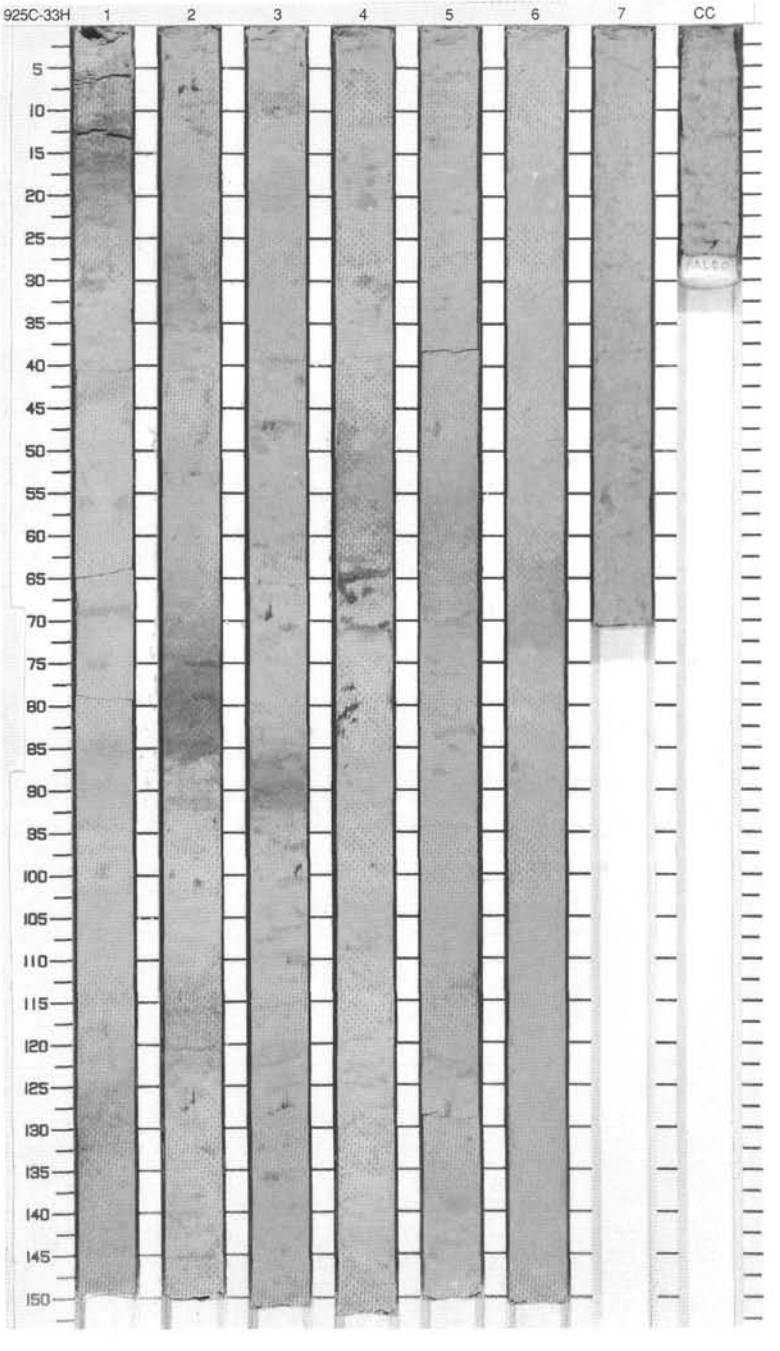


Description
FORAMINIFER NANNOFOSSIL CHALK WITH CLAY and CLAYEY NANNOFOSSIL CHALK General Description: This core contains alternating beds of light gray (7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY and darker gray (10GY 6/1) CLAYEY NANNOFOSSIL CHALK. Thin beds (<40 cm) of CLAYEY NANNOFOSSIL CHALK are represented by individual color bands. The entire core is moderately bioturbated. Faulted burrows are present in Section 4, and may result from drilling disturbance. Black bands with pyrite concretions and disseminated pyrite occur in Section 1.



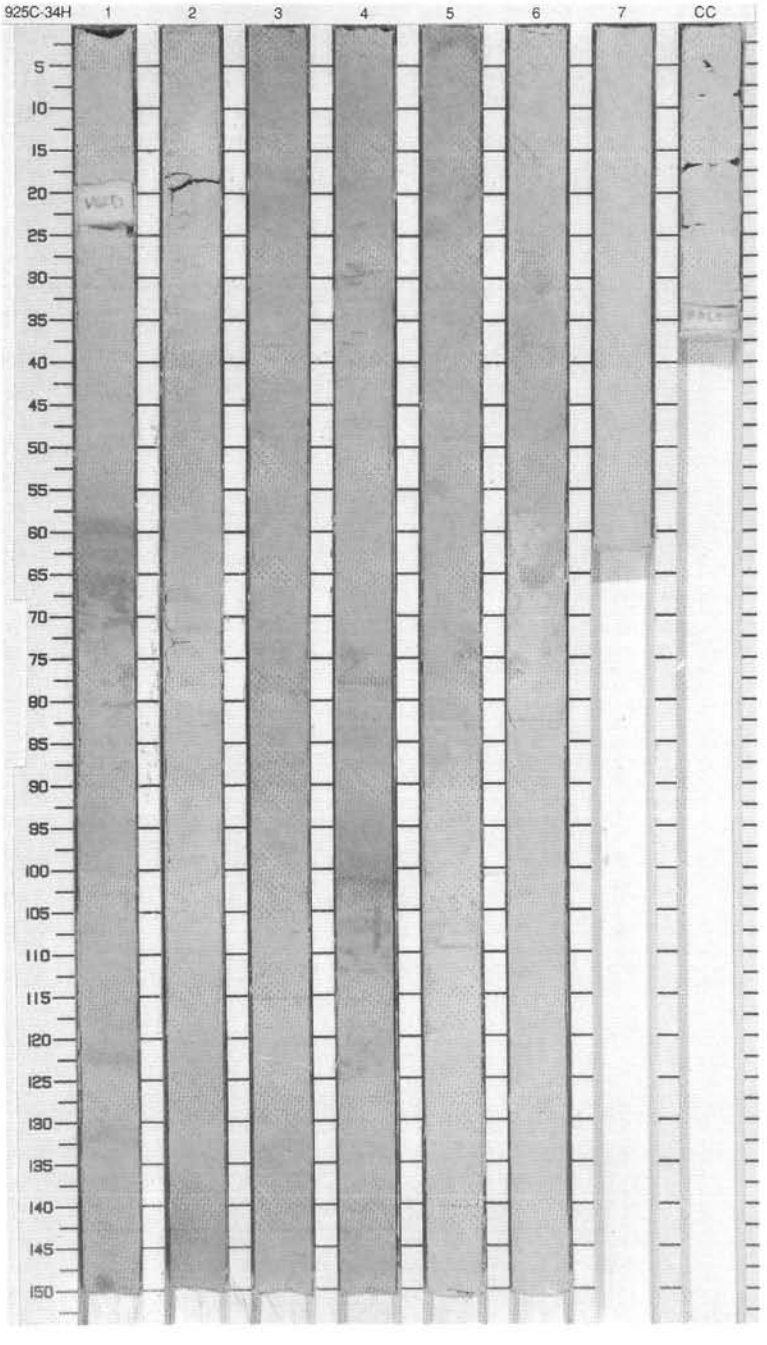
SITE 925 HOLE C CORE 33H CORED 302.5 - 312.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility ^{2}	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–9		1–7, CC	middle Miocene	P, P, P, P		S, S, M	7.5GY 6/1	FORAMINIFERAL NANNOFOSSIL CHALK WITH CLAY General Description: This core contains a light greenish gray (7.5GY 6/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY. Thin beds (<40 cm) of NANNOFOSSIL CLAY WITH FORAMINIFERS are represented by individual purple color bands. The entire core is slightly bioturbated. Pyrite concretions and disseminated pyrite are present in the core.

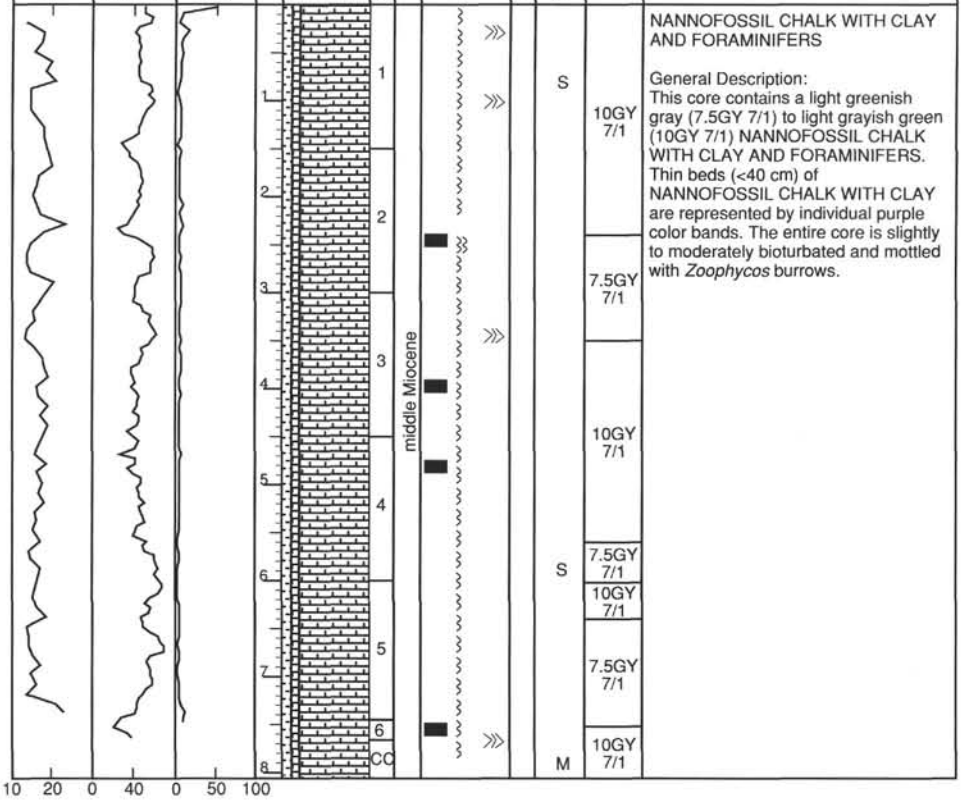


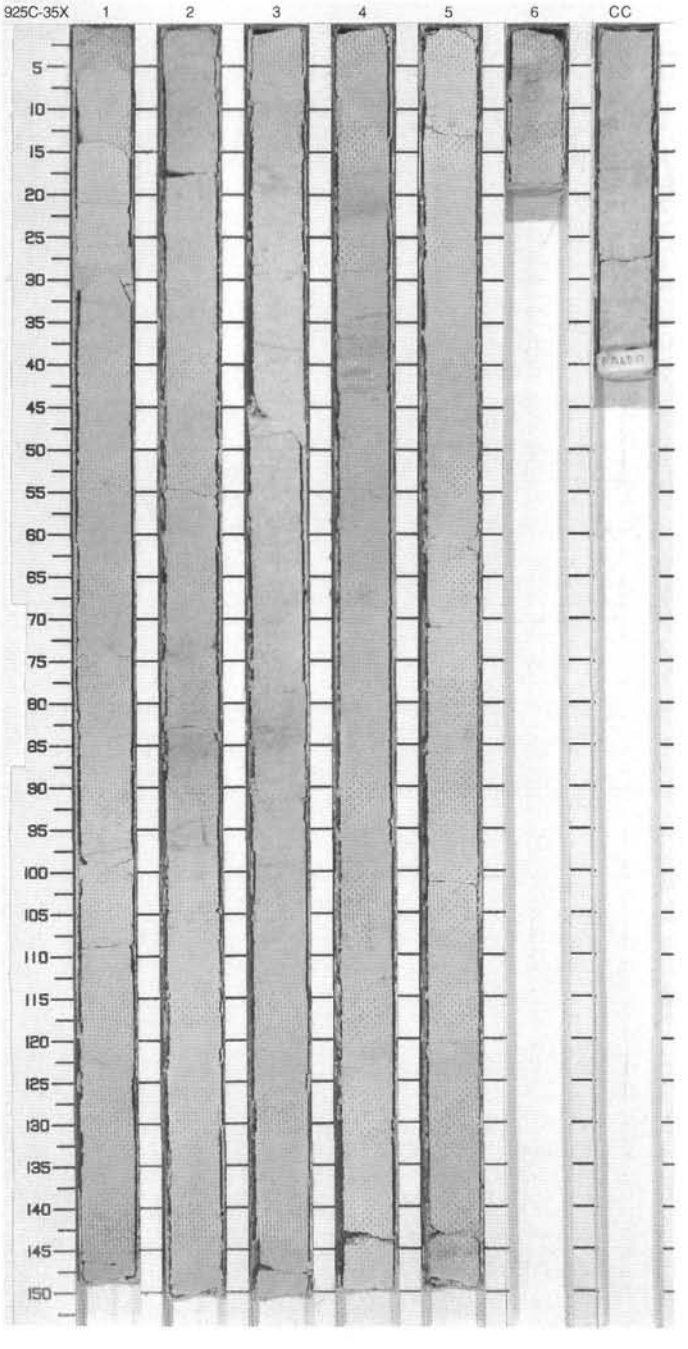
SITE 925 HOLE C CORE 34H CORED 312.0 - 321.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 10 20	1–9		1	middle Miocene				10GY 7/1	FORAMINIFERAL NANNOFOSSIL CHALK WITH CLAY General Description: This core contains a light greenish gray (7.5GY 7/1) to light grayish green (10GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY. Thin beds (<40 cm) of CLAYEY NANNOFOSSIL CHALK WITH FORAMINIFERS are represented by individual purple color bands. The entire core is slightly to moderately bioturbated and mottled with *Zoophycos* burrows. Biscuits are present in Section 2, 10–40 cm, and may result from drilling disturbance.
									7.5GY 7/1	
				2					10GY 7/1	
									7.5GY 7/1	
				3				S		
				4					10GY 7/1	
								S		
				5					7.5GY 7/1	
				6					10GY 7/1	
				7					7.5GY 7/1	
				CC				M		



SITE 925 HOLE C CORE 35X CORED 321.5 - 331.2 mbsf

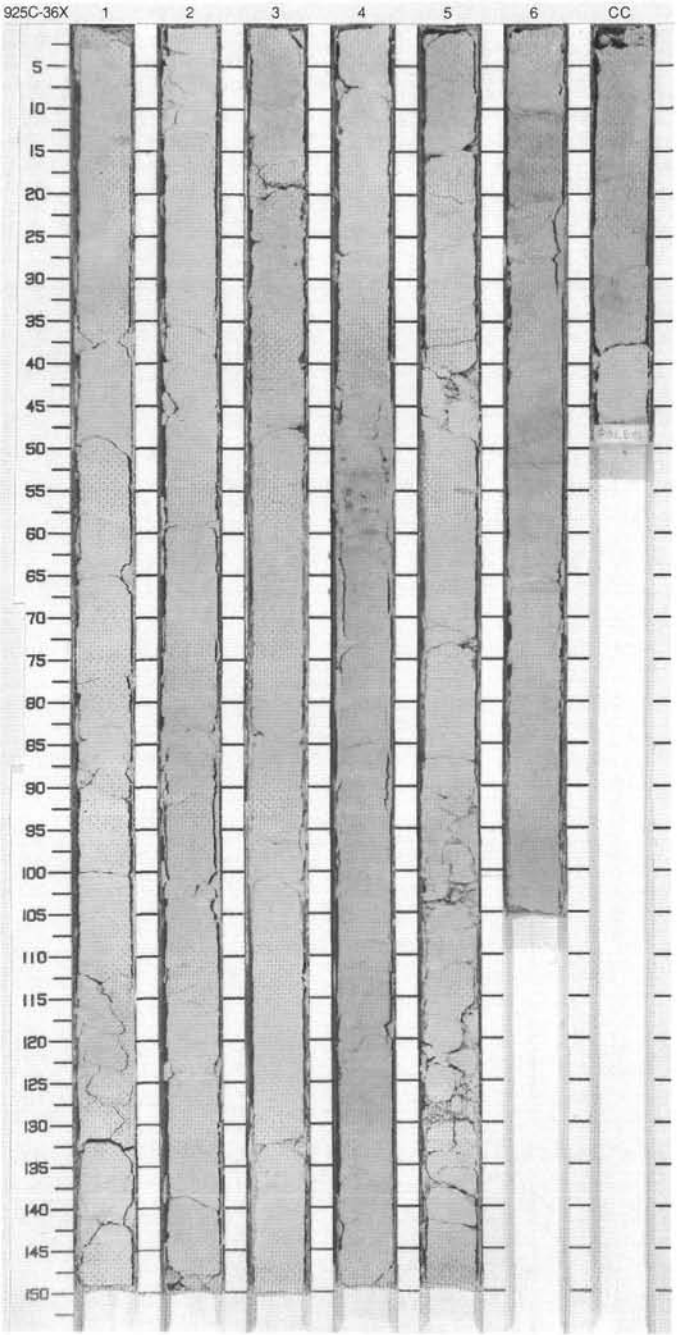




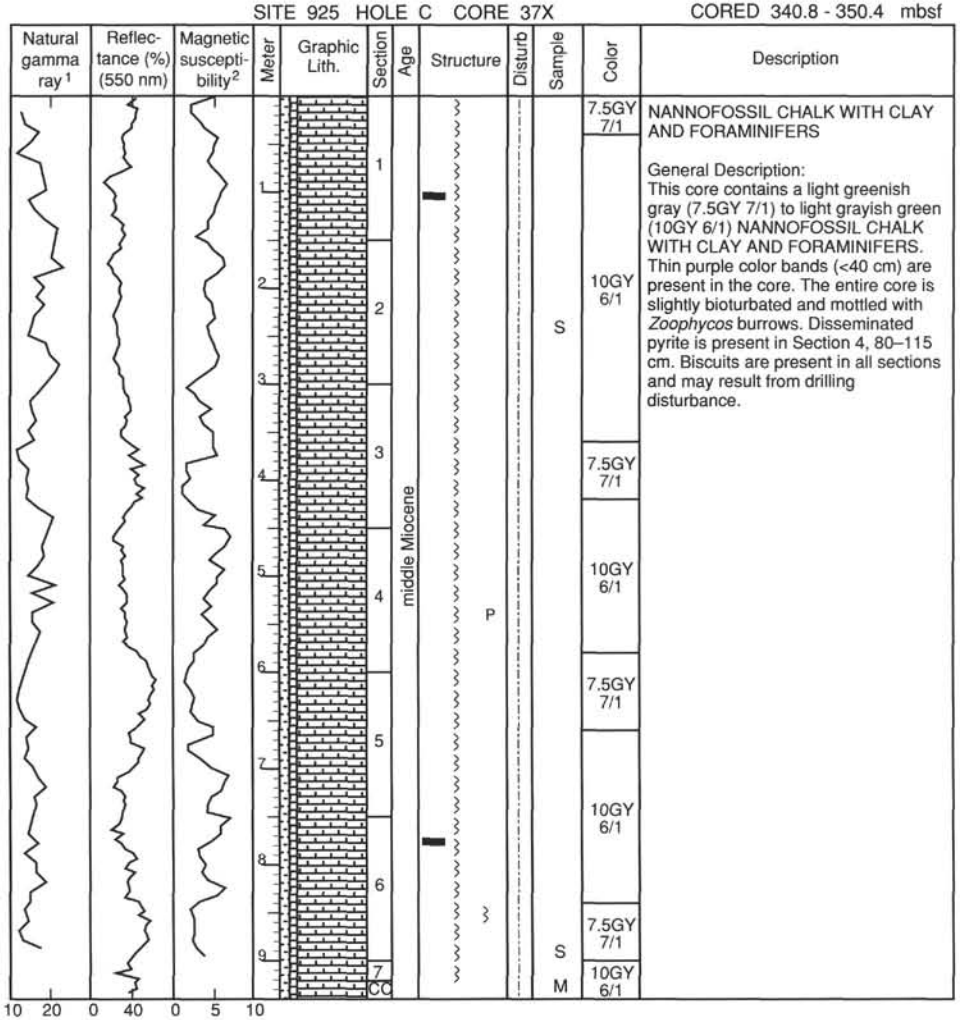
SITE 925 HOLE C CORE 36X CORED 331.2 - 340.8 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	middle Miocene			S	10GY 7/1 7.5GY 7/1	NANNOFOSSIL CHALK WITH CLAY General Description: This core contains a light greenish gray (7.5GY 7/1) to light grayish green (10GY 7/1) NANNOFOSSIL CHALK WITH CLAY. Thin purple color bands (<40 cm) are present in the core. The entire core is slightly bioturbated and mottled with *Zoophycos* burrows. Biscuits are present in in all sections, especially in Section 5, 100–150 cm, and may result from drilling disturbance.
					2				S	10GY 7/1	
					3					7.5GY 7/1	
					4					10GY 7/1	
					5					7.5GY 7/1	
					6					10GY 7/1	
					CC				M		

10 20 0 40 0 50 100

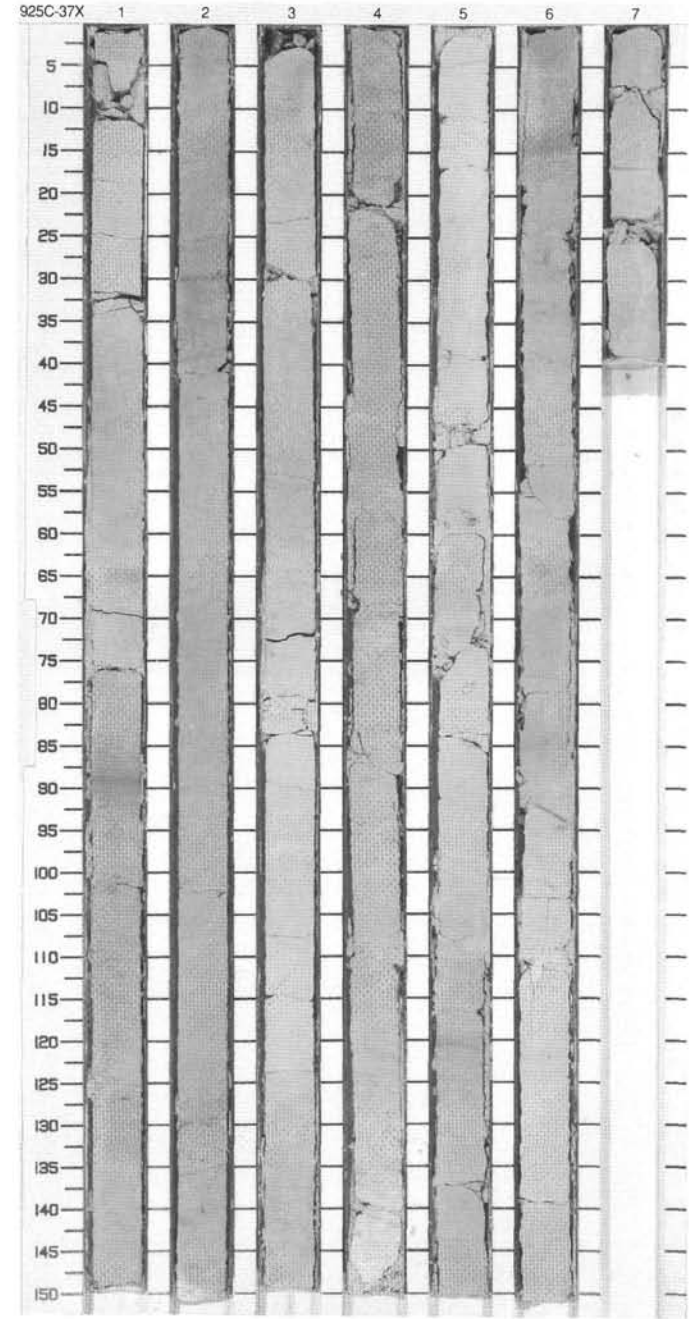


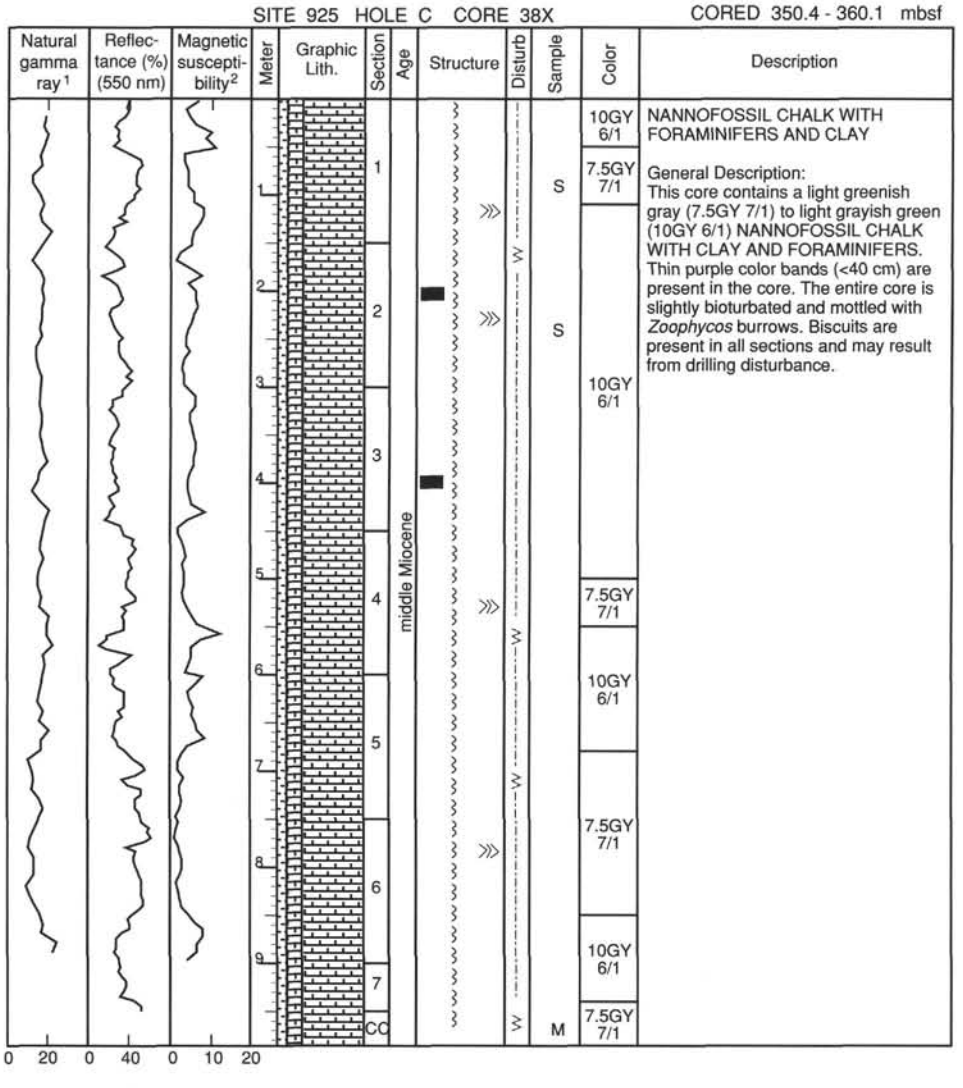
SITE 925 HOLE C CORE 37X CORED 340.8 - 350.4 mbsf



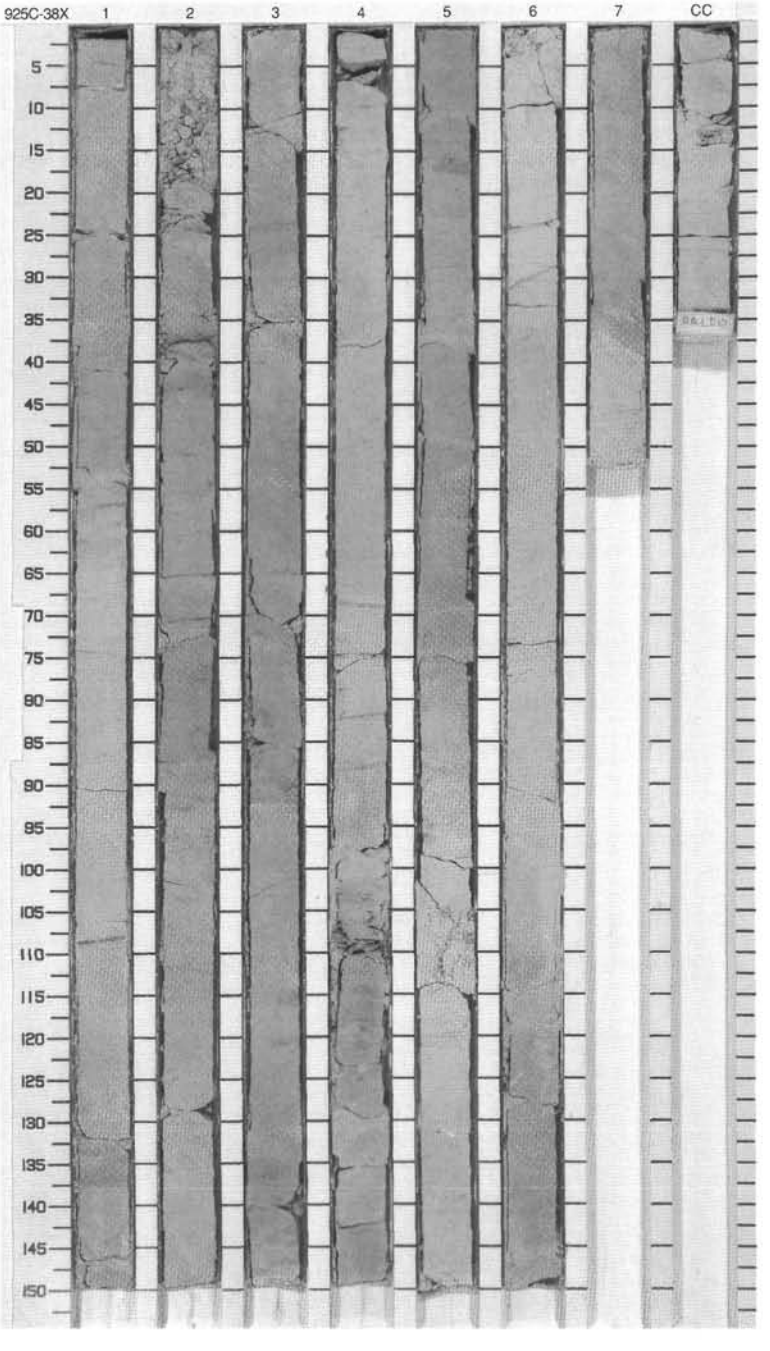
NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS

General Description:
This core contains a light greenish gray (7.5GY 7/1) to light grayish green (10GY 6/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. Thin purple color bands (<40 cm) are present in the core. The entire core is slightly bioturbated and mottled with *Zoophycos* burrows. Disseminated pyrite is present in Section 4, 80–115 cm. Biscuits are present in all sections and may result from drilling disturbance.



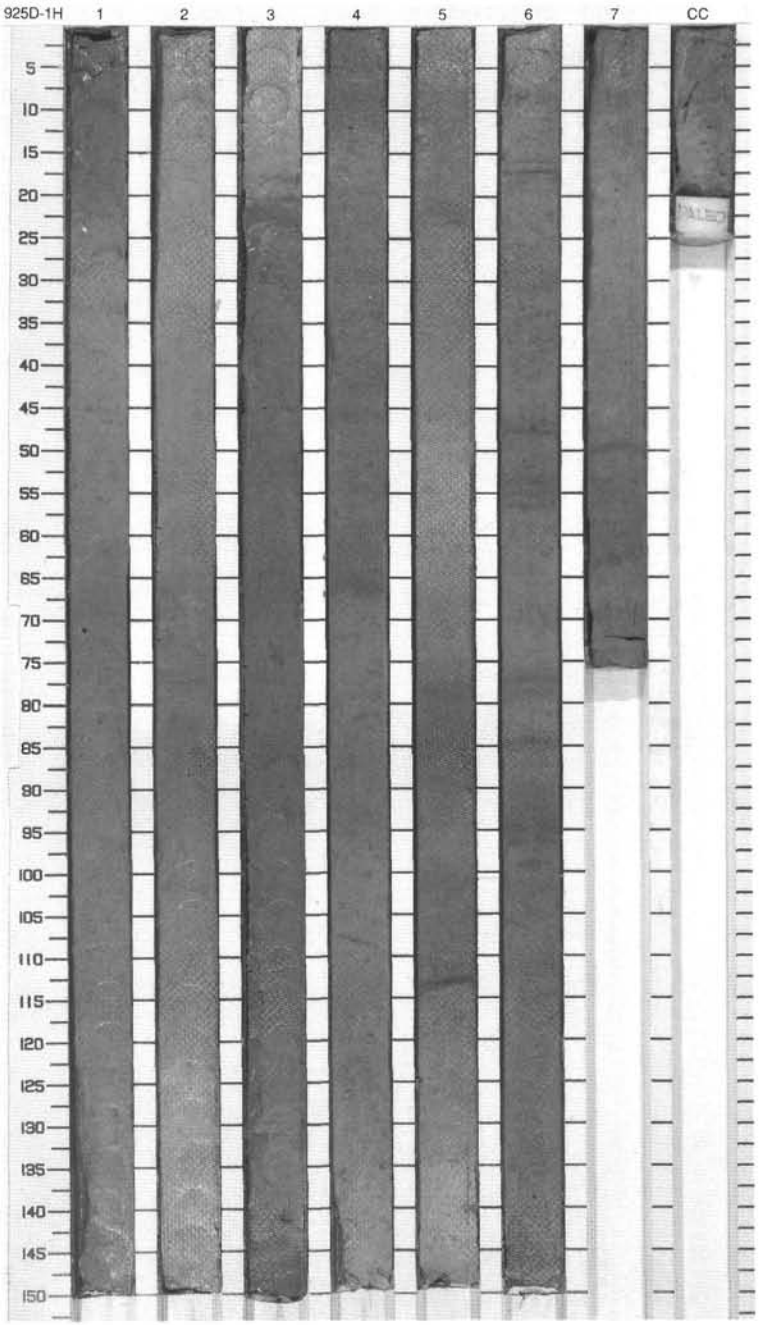


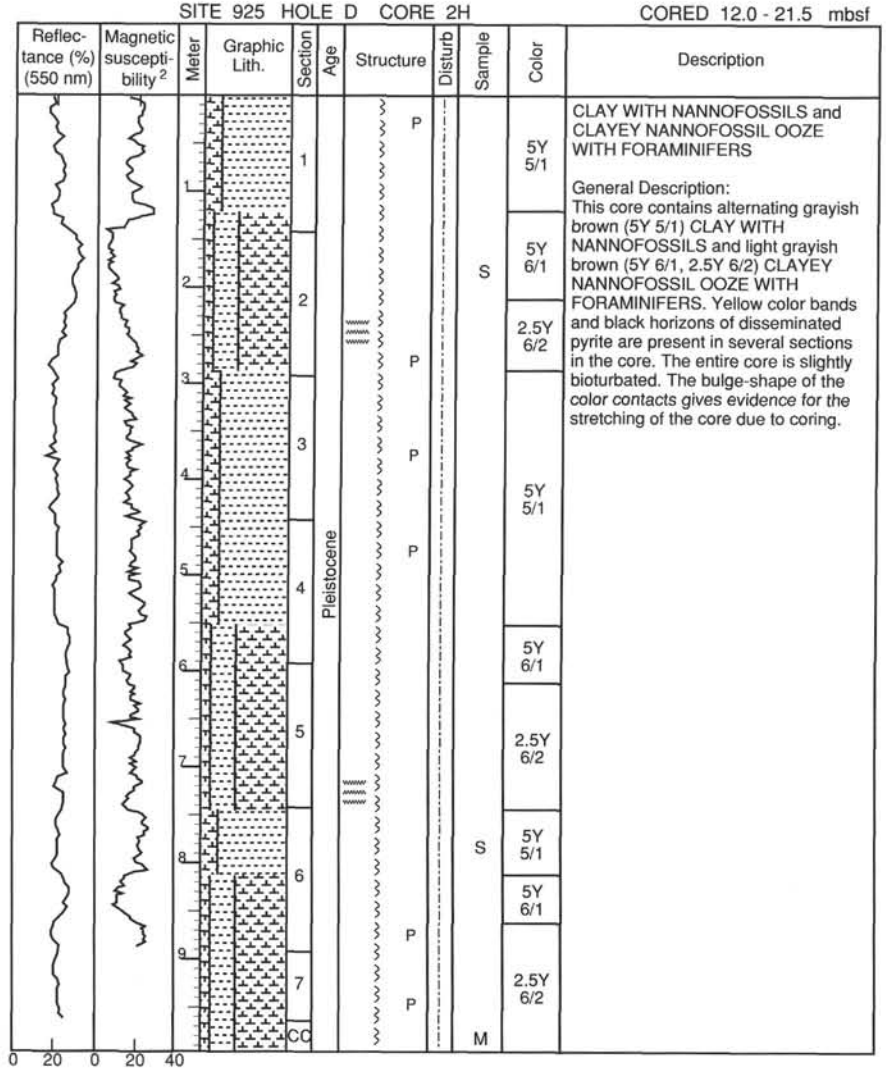
DRILLED 0–2.5 mbsf

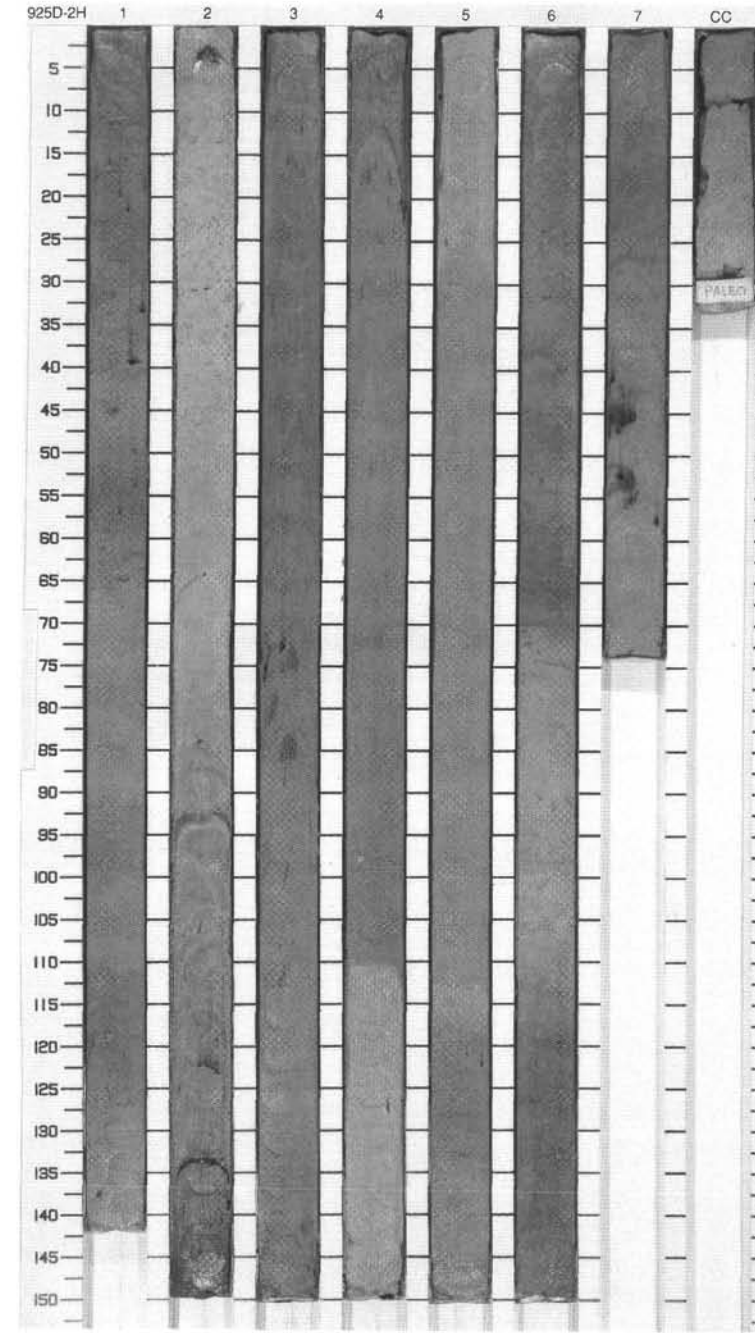


SITE 925 HOLE D CORE 1H CORED 2.5 - 12.0 mbsf

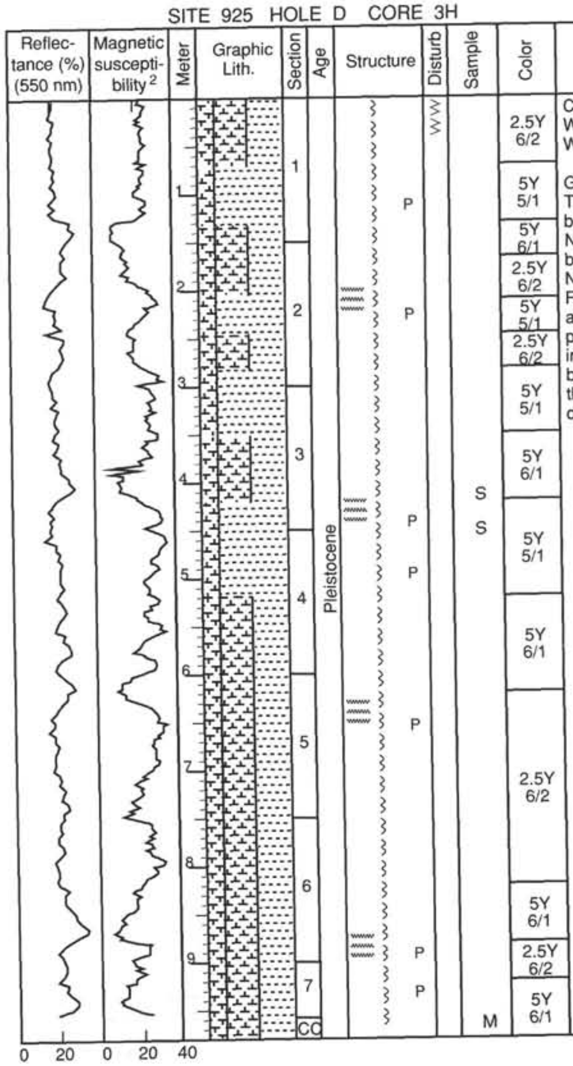
Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 20 40	1–9		1	Pleistocene				2.5Y 5/2	NANNOFOSSIL CLAY MIXED SEDIMENT WITH FORAMINIFERS and CLAY WITH NANNOFOSSILS General Description: This core contains alternating grayish brown (2.5Y 5/2) CLAY WITH NANNOFOSSILS and light grayish brown (2.5Y 6/2) NANNOFOSSIL CLAY MIXED SEDIMENT WITH FORAMINIFERS. Yellow color bands and black horizons of disseminated pyrite are present in several sections in the core. The entire core is slightly bioturbated.
				2					2.5Y 6/2	
				3		P		S	2.5Y 5/2	
				4					2.5Y 6/2	
				5		P			2.5Y 5/2	
								S	2.5Y 6/2	
				6		P			2.5Y 5/2	
				7					2.5Y 6/2	
				CC				M	2.5Y 5/2	




SITE 925 HOLE D CORE 2H
CORED 12.0 - 21.5 mbsf
Reflec-tance (%) (550 nm)
Magnetic suscepti-bility 2
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
0 20 0 20 40
1
2
3
4
5
6
7
CC
Pleistocene
P
S
M
5Y 5/1
5Y 6/1
2.5Y 6/2
CLAY WITH NANNOFOSSILS and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS
General Description:
This core contains alternating grayish brown (5Y 5/1) CLAY WITH NANNOFOSSILS and light grayish brown (5Y 6/1, 2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Yellow color bands and black horizons of disseminated pyrite are present in several sections in the core. The entire core is slightly bioturbated. The bulge-shape of the color contacts gives evidence for the stretching of the core due to coring.


925D-2H
1
2
3
4
5
6
7
CC
PALEO

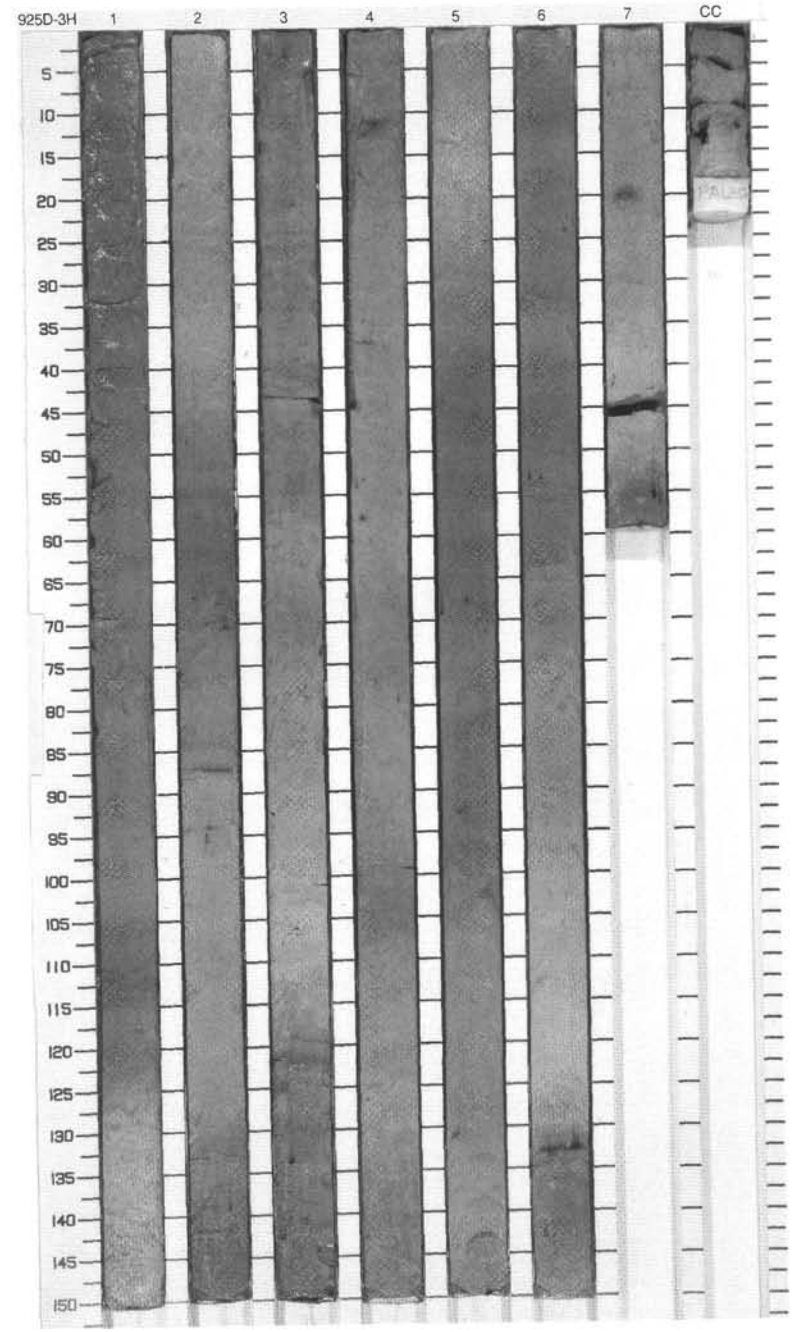
SITE 925 HOLE D CORE 3H — CORED 21.5 - 31.0 mbsf



Description

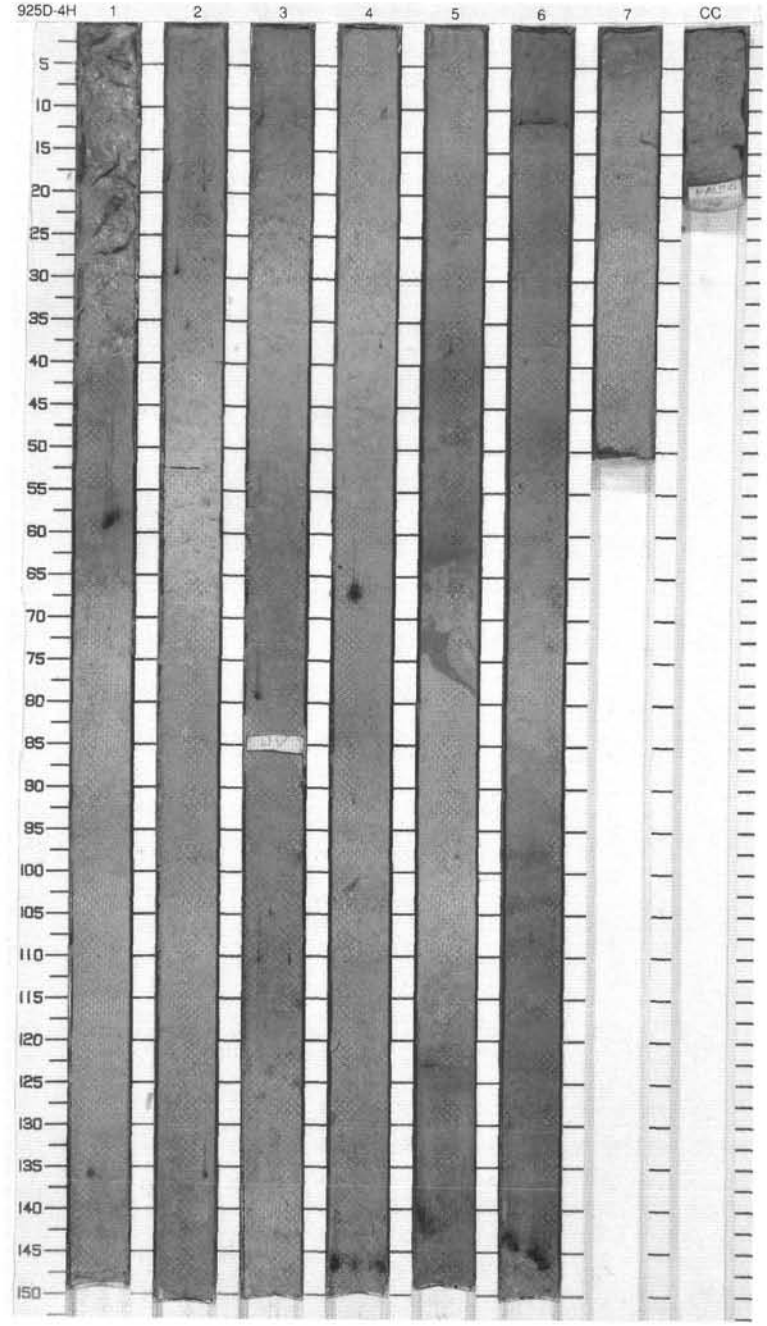
CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and CLAY WITH NANNOFOSSILS

General Description:
This core contains alternating grayish brown (5Y 5/1) CLAY WITH NANNOFOSSILS and light grayish brown (5Y 6/1, 2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Yellow color bands and black horizons of disseminated pyrite are present in several sections in the core. The entire core is slightly bioturbated. The uppermost part of the core is very disturbed due to drilling.

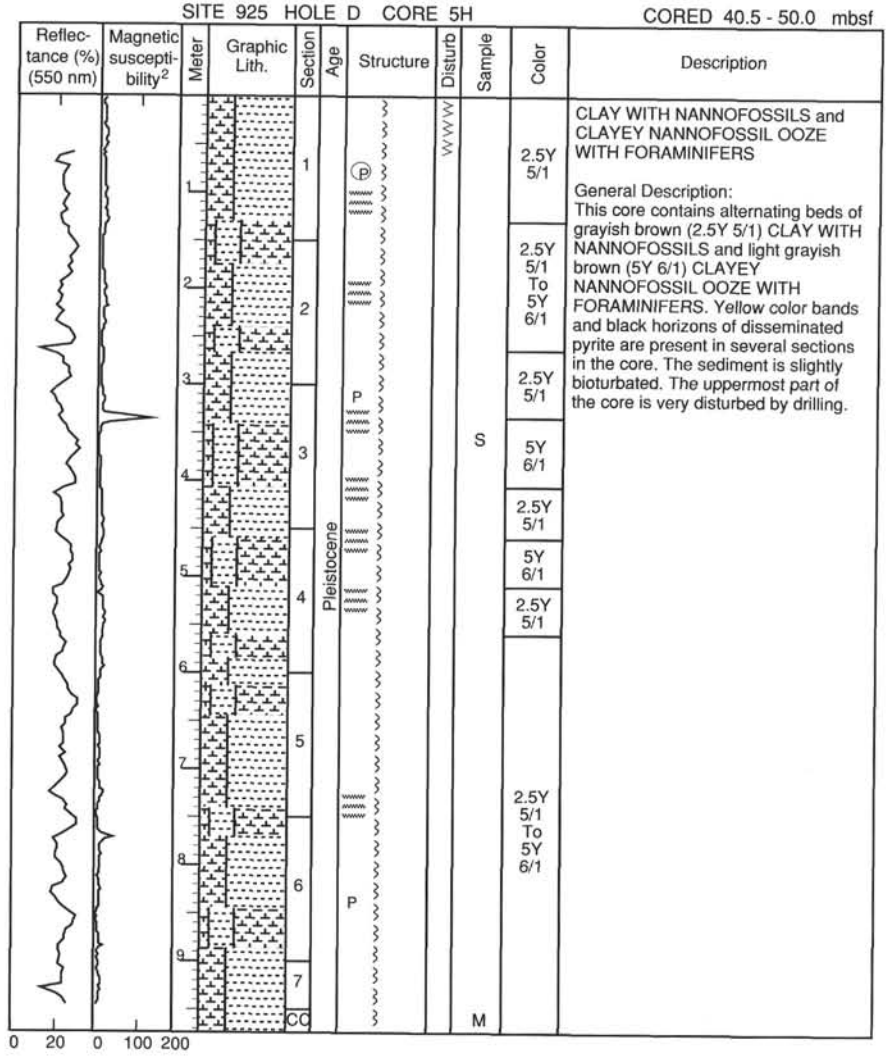


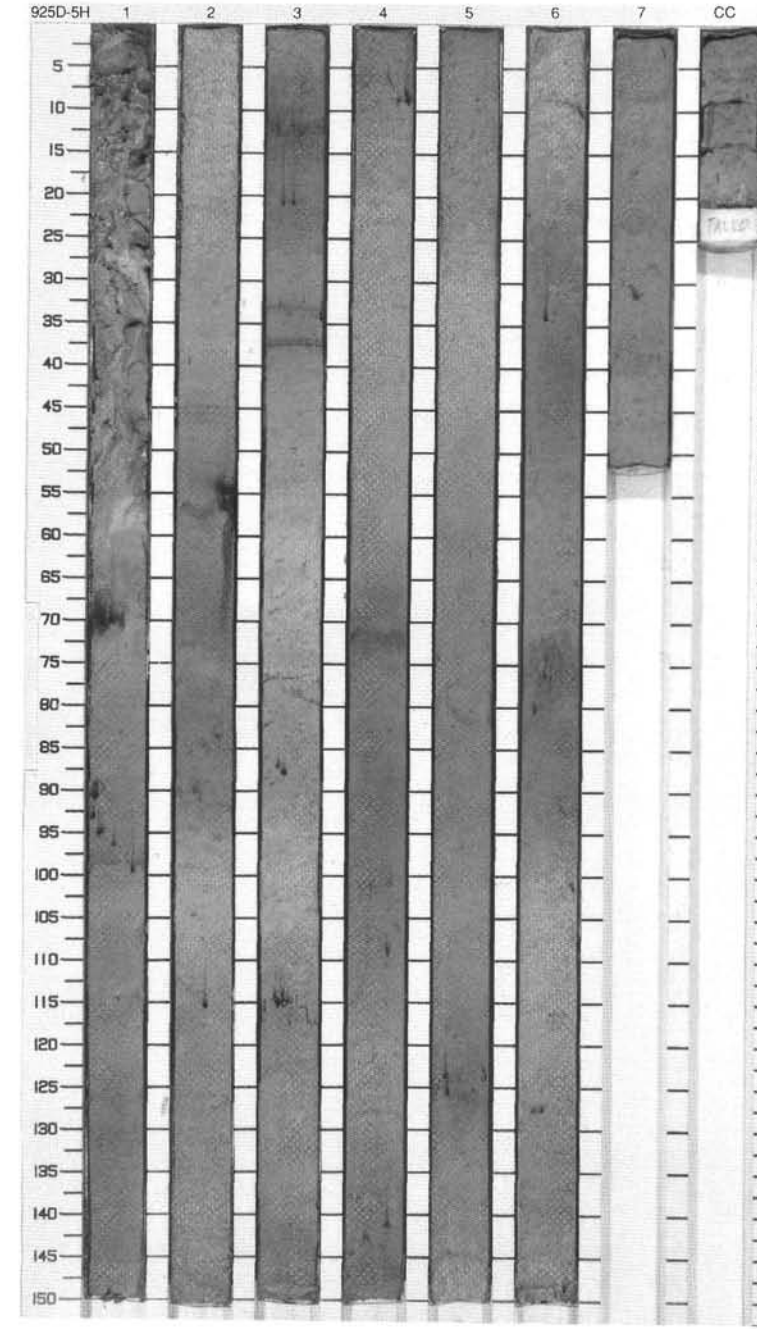
SITE 925 HOLE D CORE 4H CORED 31.0 - 40.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 50 100			1 2 3 4 5 6 7 CC	Pleistocene	P P P P P P	V	S M	2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1	CLAY WITH NANNOFOSSILS and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains alternating beds of grayish brown (2.5Y 5/1) CLAY WITH NANNOFOSSILS and light grayish brown (5Y 6/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Yellow color bands and black horizons of disseminated pyrite are present in several sections in the core. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed by drilling.



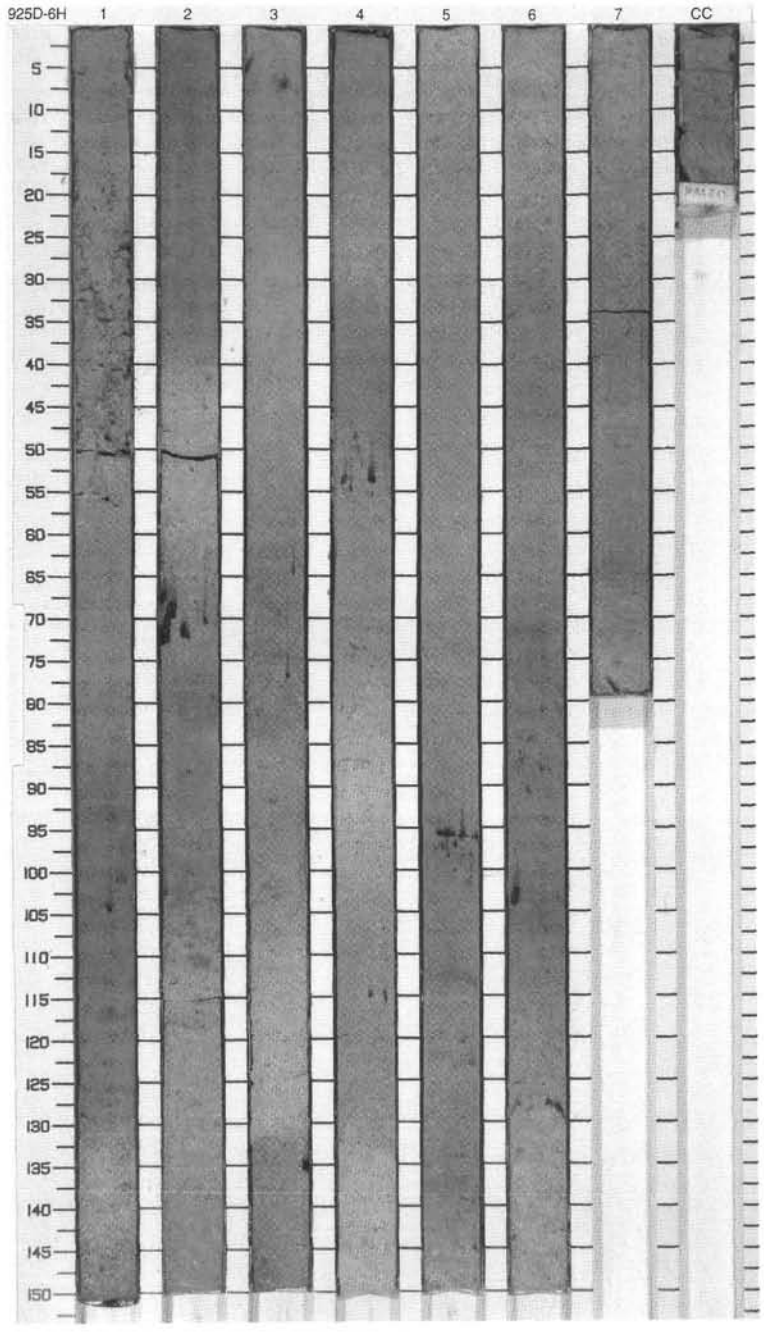
SITE 925 HOLE D CORE 5H — CORED 40.5 - 50.0 mbsf





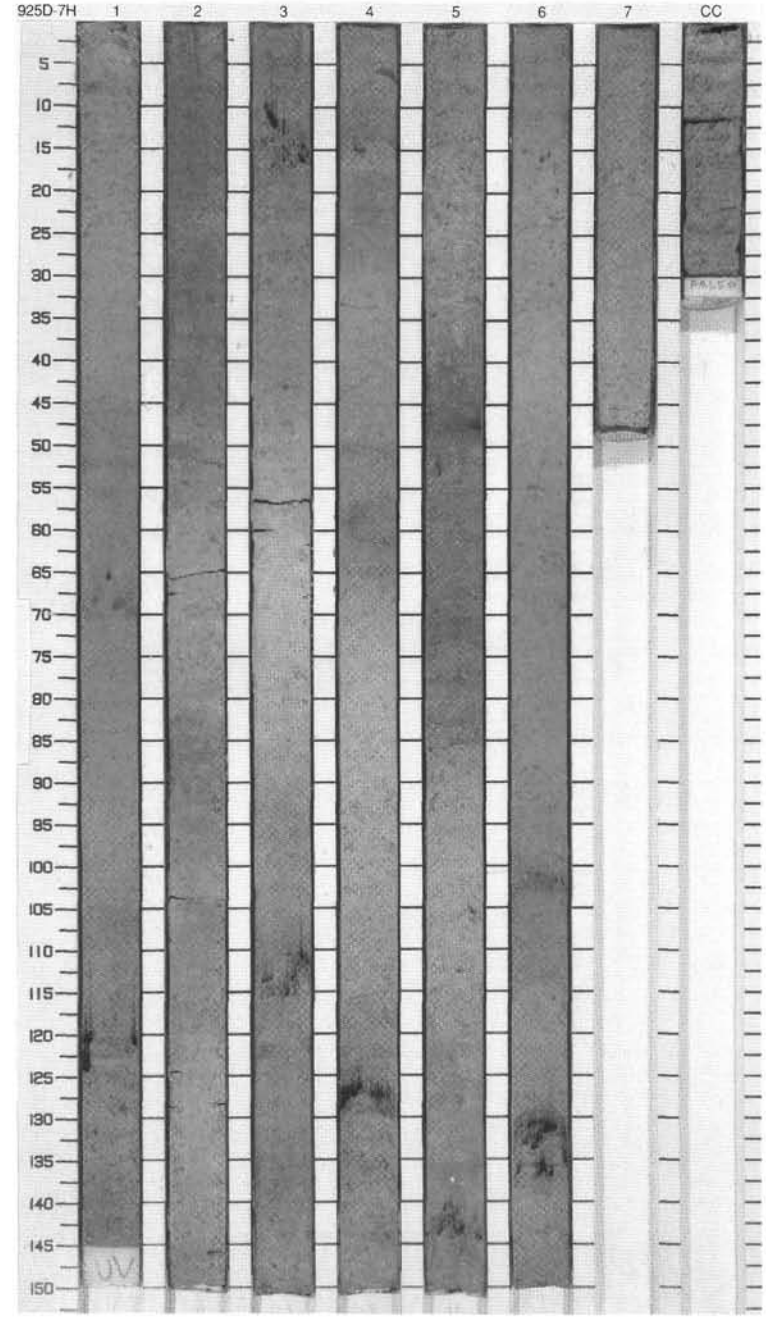
SITE 925 HOLE D CORE 6H CORED 50.0 - 59.5 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 50 100	1–10		1–7, CC	Pliocene			S, S, M	5Y 5/1 To 2.5Y 6/2	CLAYEY NANNOFOSSIL OOZE and FORAMINIFER NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of gray (5Y 5/1) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE WITH CLAY. Yellow color bands and black horizons of disseminated pyrite are present in several sections of the core. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed by drilling.

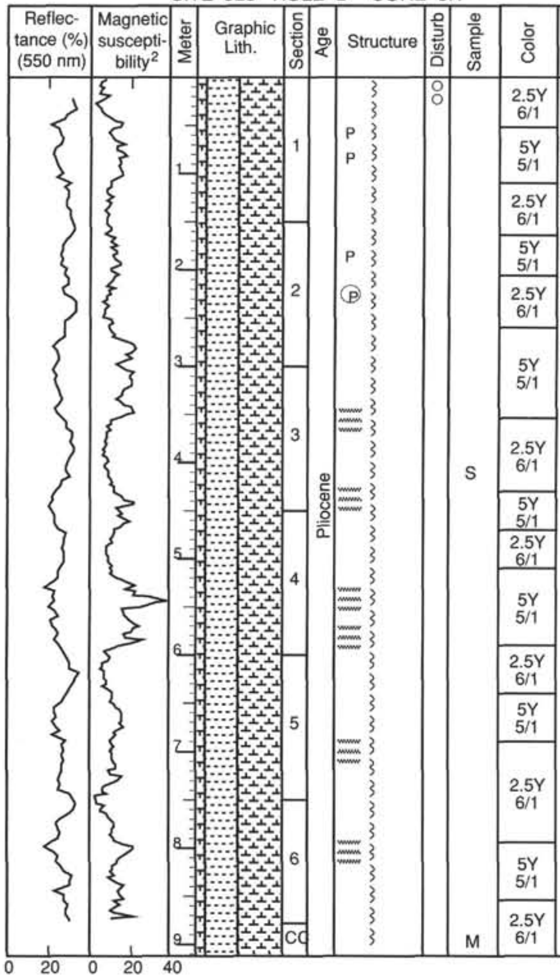


SITE 925 HOLE D CORE 7H CORED 59.5 - 69.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility^2	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25 50	1–9		1–7, CC	Pliocene	P		S, M	2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 5/2; 2.5Y 6/1; 2.5Y 6/1 To 2.5Y 5/2; 2.5Y 6/1; 2.5Y 6/1 To 2.5Y 5/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains alternating beds of gray (2.5Y 5/2) and light gray (2.5Y 6/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Below Section 4, 110 cm, alternating beds of different colors occur within intervals that are shorter than 40 cm. Yellow color bands and black horizons of disseminated pyrite are present in several sections of the core. The sediment is slightly bioturbated.



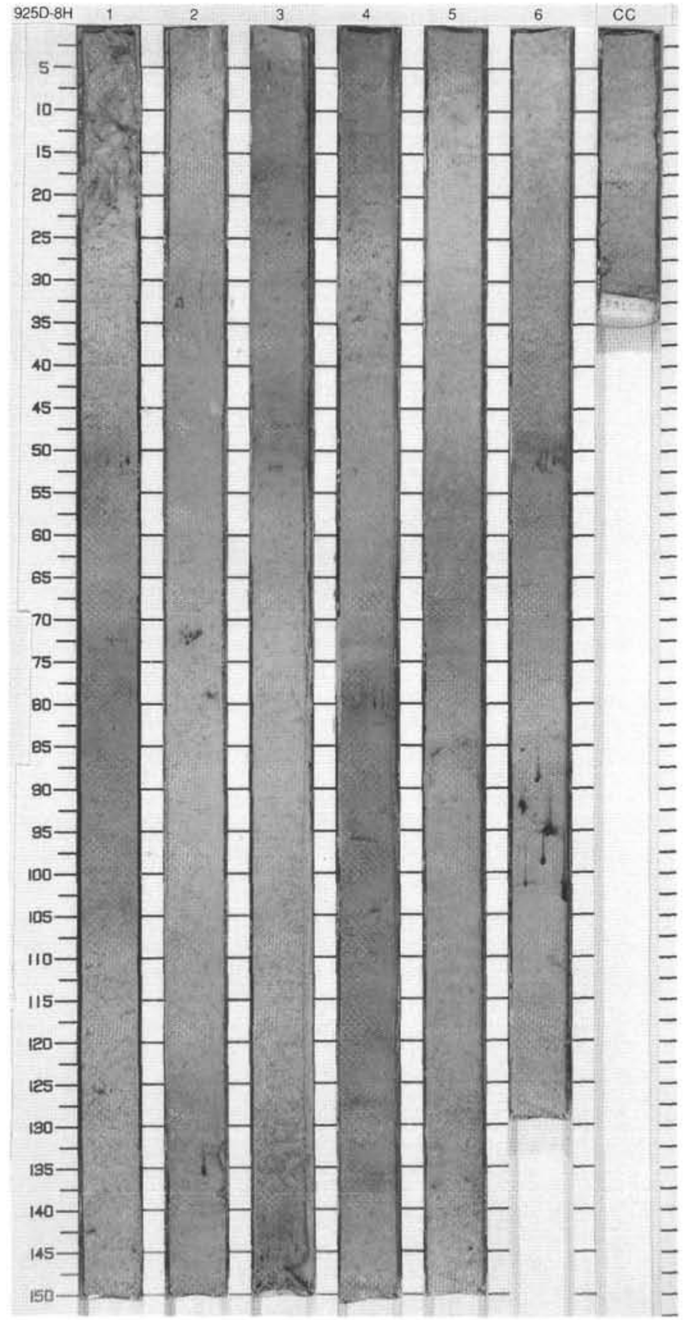
SITE 925 HOLE D CORE 8H CORED 69.0 - 78.5 mbsf



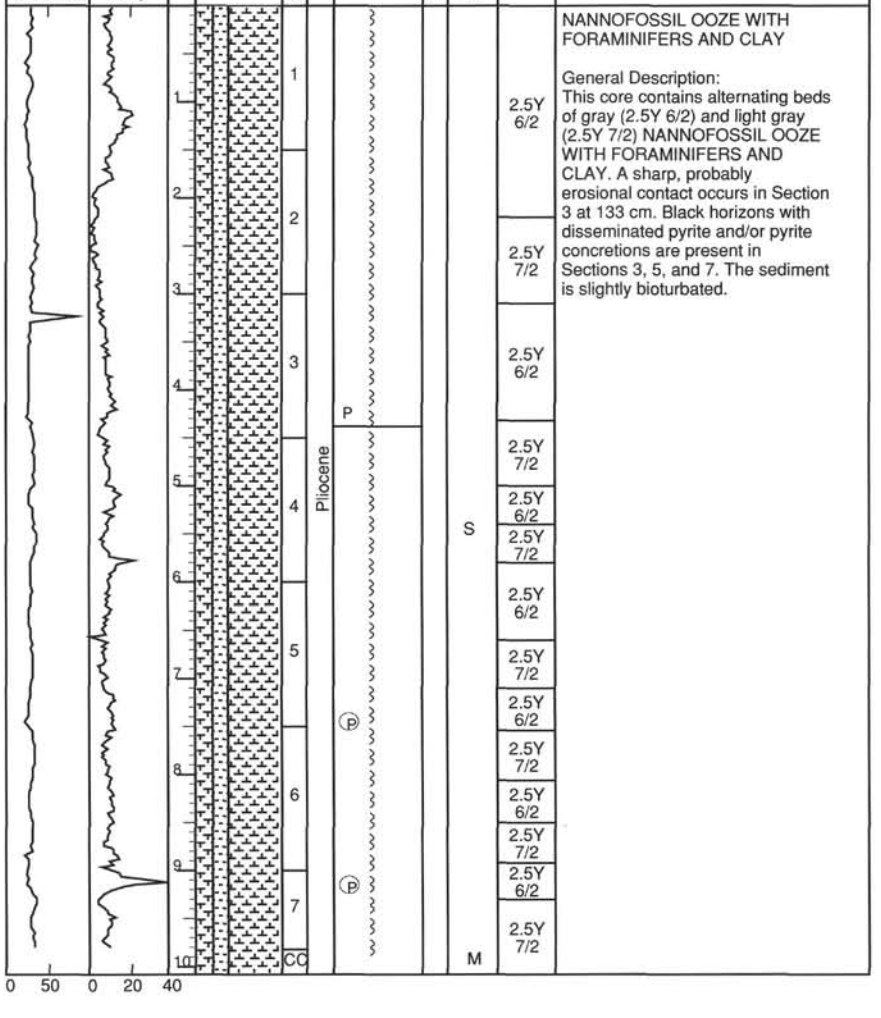
Description

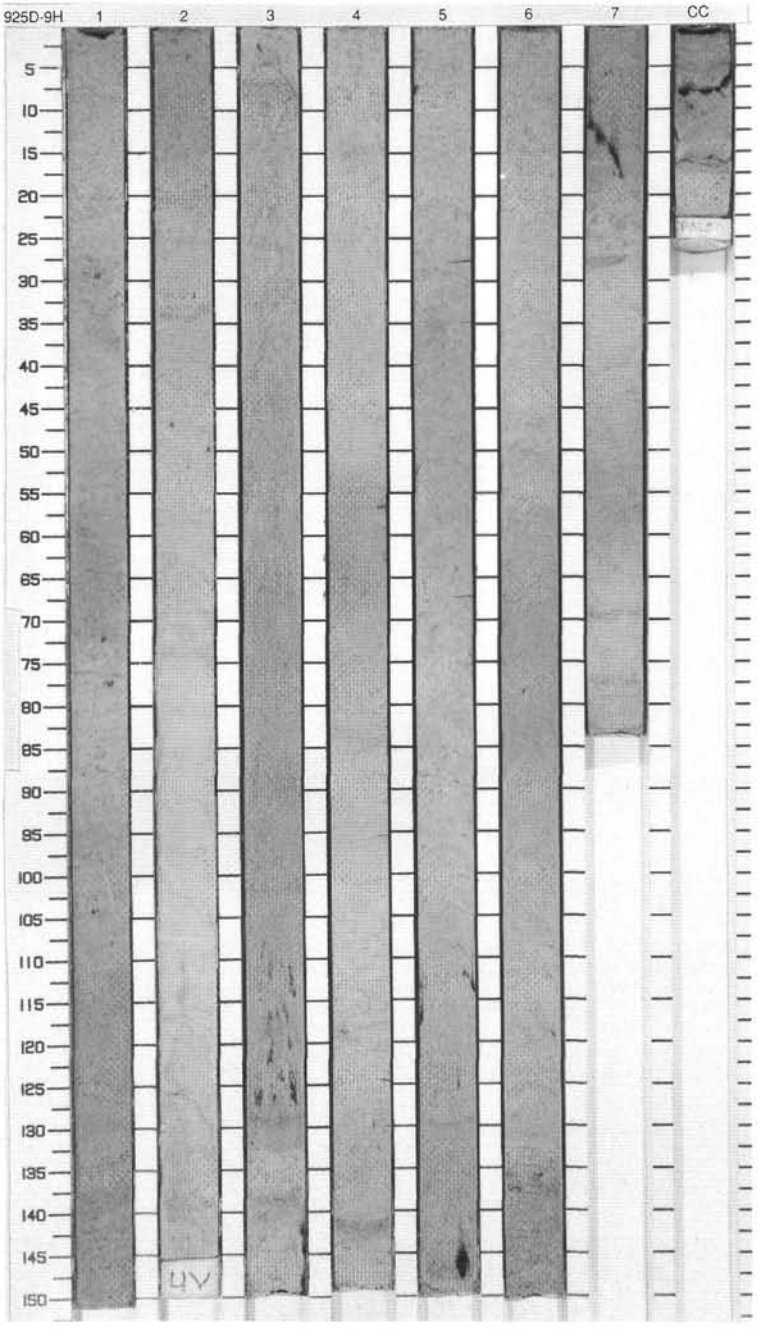
CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS

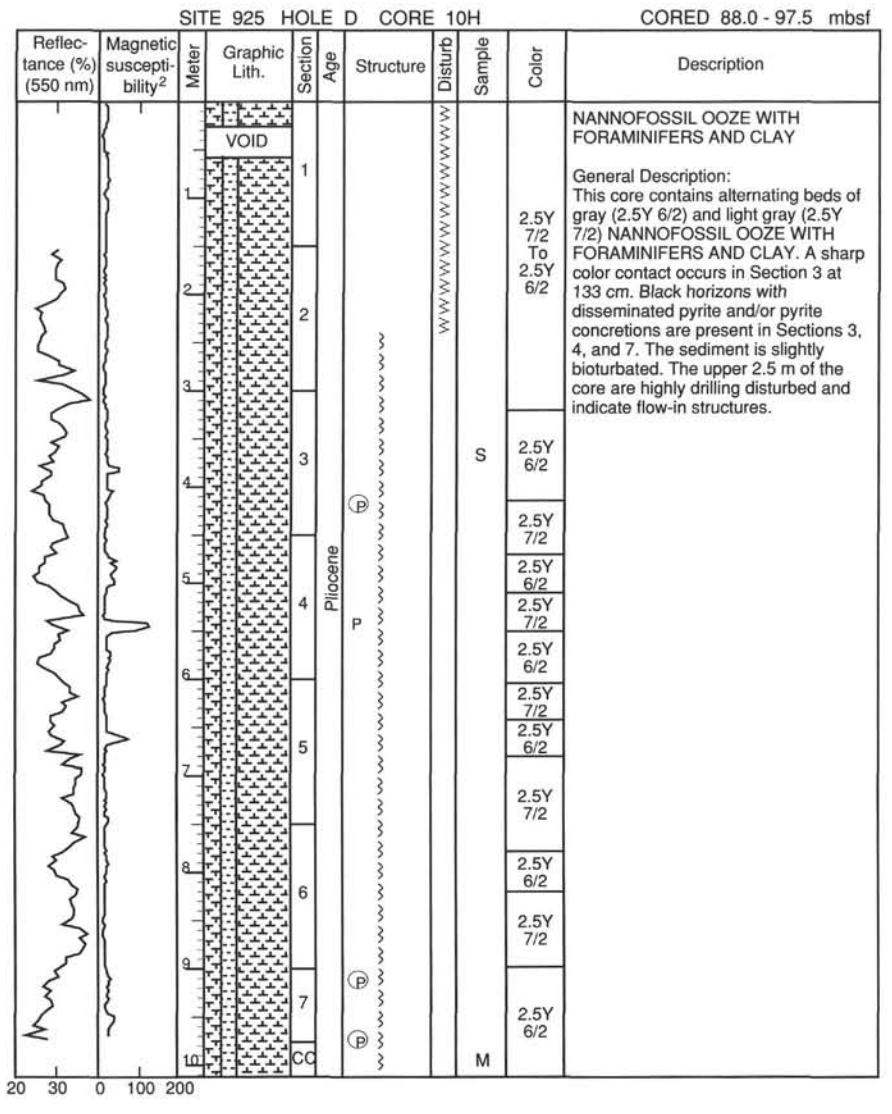
General Description:
This core contains alternating beds of gray (5Y 5/1) and light gray (2.5Y 6/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Black thin layers with disseminated pyrite and/or pyrite concretions are partly accompanied by yellow color bands and are present in several sections of the core. The sediment is slightly bioturbated. The sediments of uppermost part of the core are soupy.

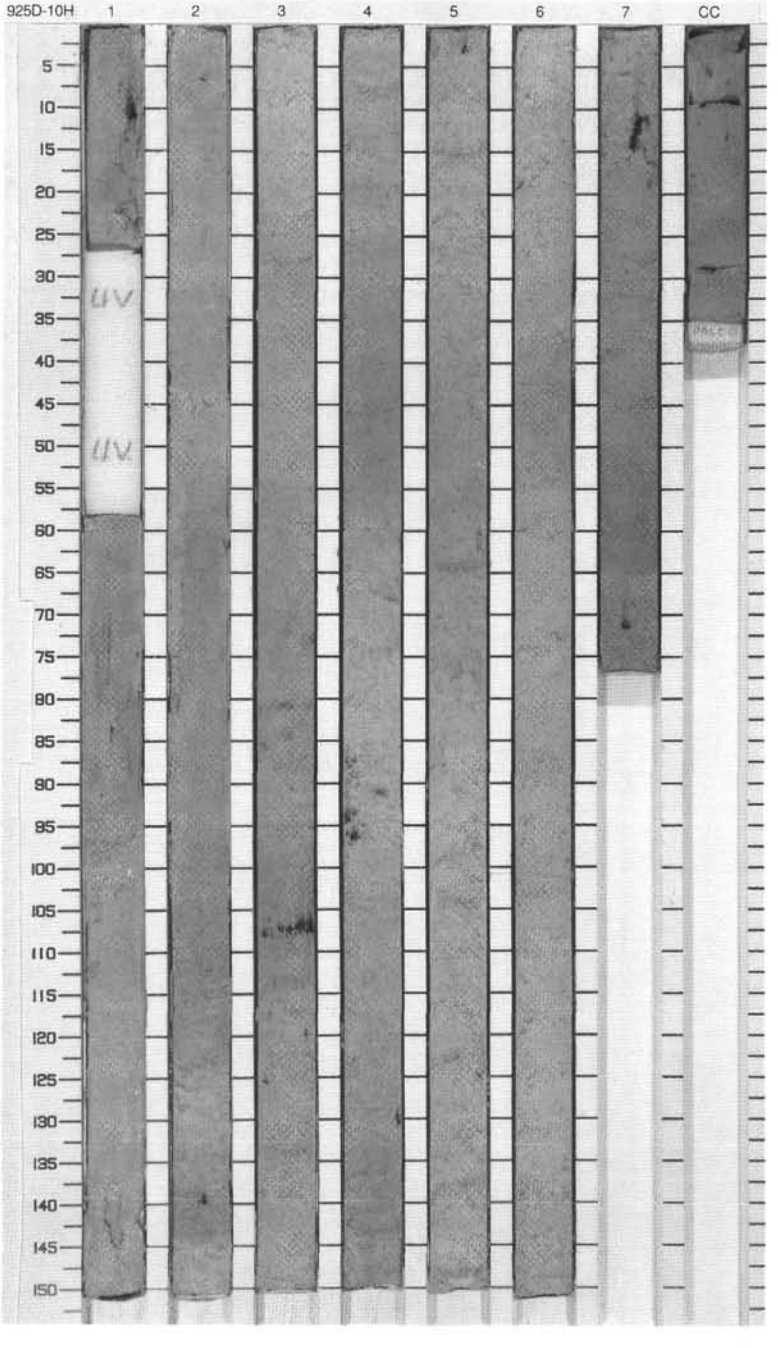


SITE 925 HOLE D CORE 9H CORED 78.5 - 88.0 mbsf



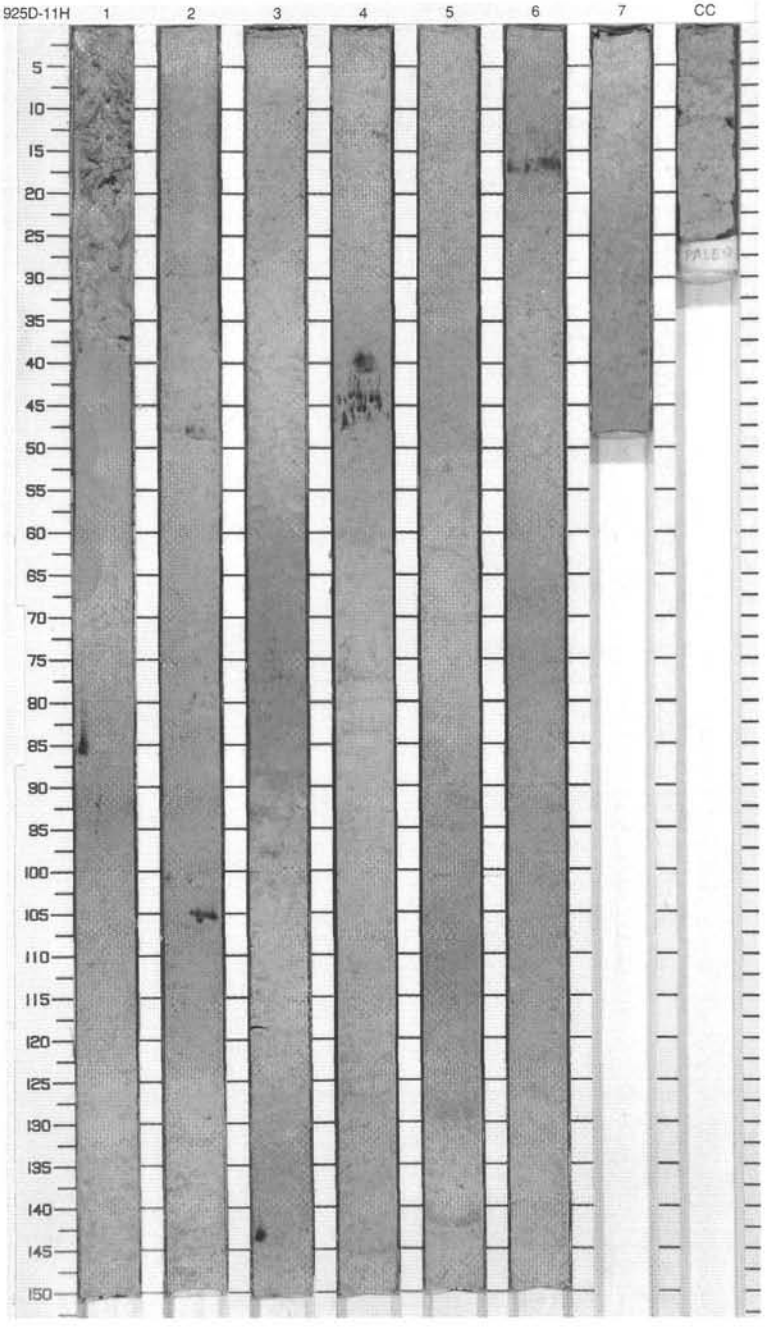



SITE 925 HOLE D CORE 10H
CORED 88.0 - 97.5 mbsf
Reflec-tance (%) (550 nm)
Magnetic suscepti-bility²
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
VOID
Pliocene
NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY
General Description:
This core contains alternating beds of gray (2.5Y 6/2) and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY. A sharp color contact occurs in Section 3 at 133 cm. Black horizons with disseminated pyrite and/or pyrite concretions are present in Sections 3, 4, and 7. The sediment is slightly bioturbated. The upper 2.5 m of the core are highly drilling disturbed and indicate flow-in structures.
2.5Y 7/2 To 2.5Y 6/2
2.5Y 6/2
2.5Y 7/2
2.5Y 6/2
2.5Y 7/2
2.5Y 6/2
2.5Y 7/2
2.5Y 6/2
2.5Y 7/2
2.5Y 6/2
2.5Y 7/2
2.5Y 6/2
20 30 0 100 200


925D-10H
1
2
3
4
5
6
7
CC

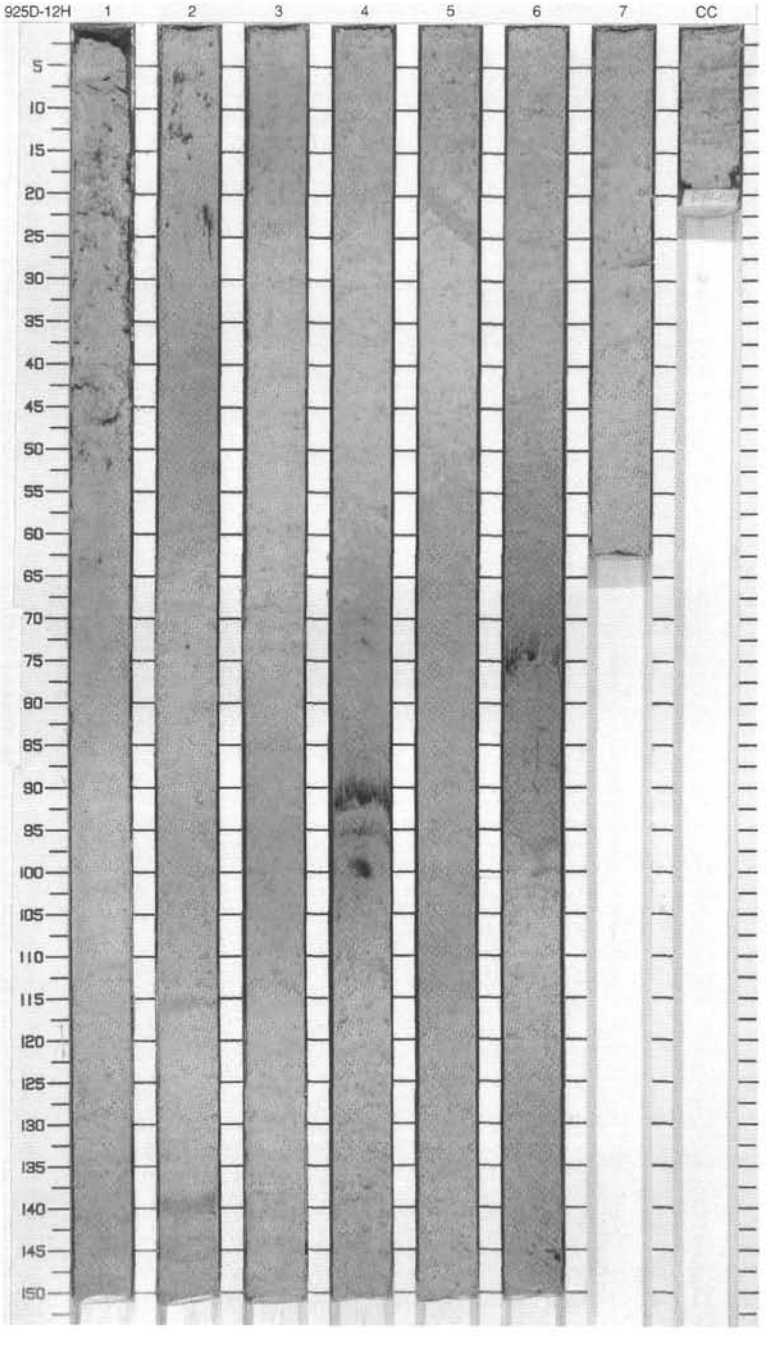
SITE 925 HOLE D CORE 11H CORED 97.5 - 107.0 mbsf

Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 25	0 20 40	1–8		1–7, CC	Pliocene	P	VVV	S, M	2.5Y 6/2; 2.5Y 7/2; 2.5Y 6/2; 2.5Y 7/2 To 2.5Y 6/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains alternating beds of gray (2.5Y 6/2) and light gray (2.5Y 7/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Below Section 2, 120 cm, alternating beds of different colors occur within intervals that are shorter than 40 cm. Black horizons with disseminated pyrite and/or pyrite concretions occur in several sections in the core. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed due to drilling.



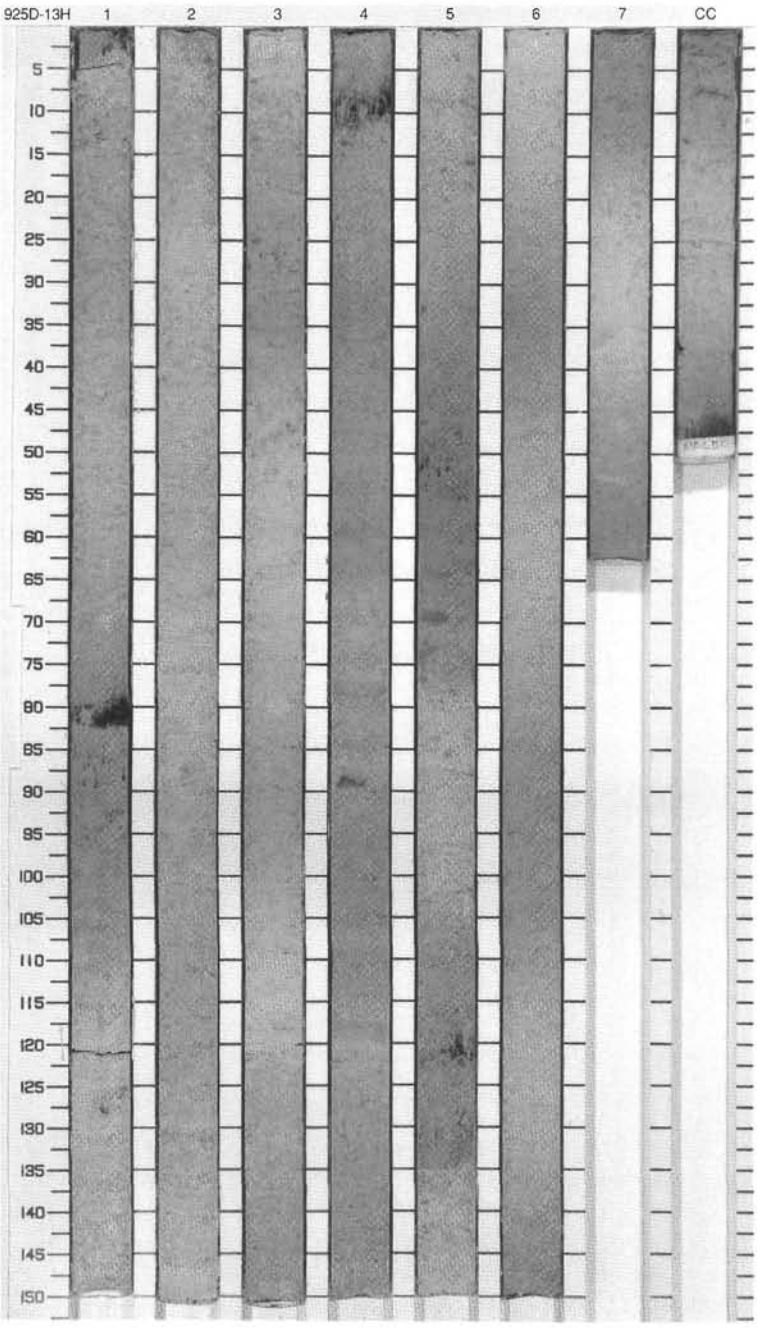
SITE 925 HOLE D CORE 12H CORED 107.0 - 116.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 20 40	1–9		1	Pliocene	P	VVVV	S	2.5Y 6/1	CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of gray (2.5Y 6/1) and light gray (5Y 7/1) CLAYEY NANNOFOSSIL OOZE. The color contacts are very gradational. Sections 3–7 exhibit alternating beds of different colors that are shorter than 40 cm. Black horizons with disseminated pyrite and/or pyrite concretions occur in several sections of the core. The sediment is slightly bioturbated. The uppermost part of the core is highly disturbed due to drilling.
										5Y 7/1	
					2					2.5Y 6/1	
										5Y 7/1	
					3					2.5Y 6/1	
										2.5Y 6/1 To 5Y 7/1	
					4					2.5Y 6/1	
										2.5Y 6/1 To 5Y 7/1	
					5					2.5Y 6/1	
										5Y 7/1	
					6		(P)		S	2.5Y 6/1	
										2.5Y 6/1 To 5Y 7/1	
					7				M		
					CC						



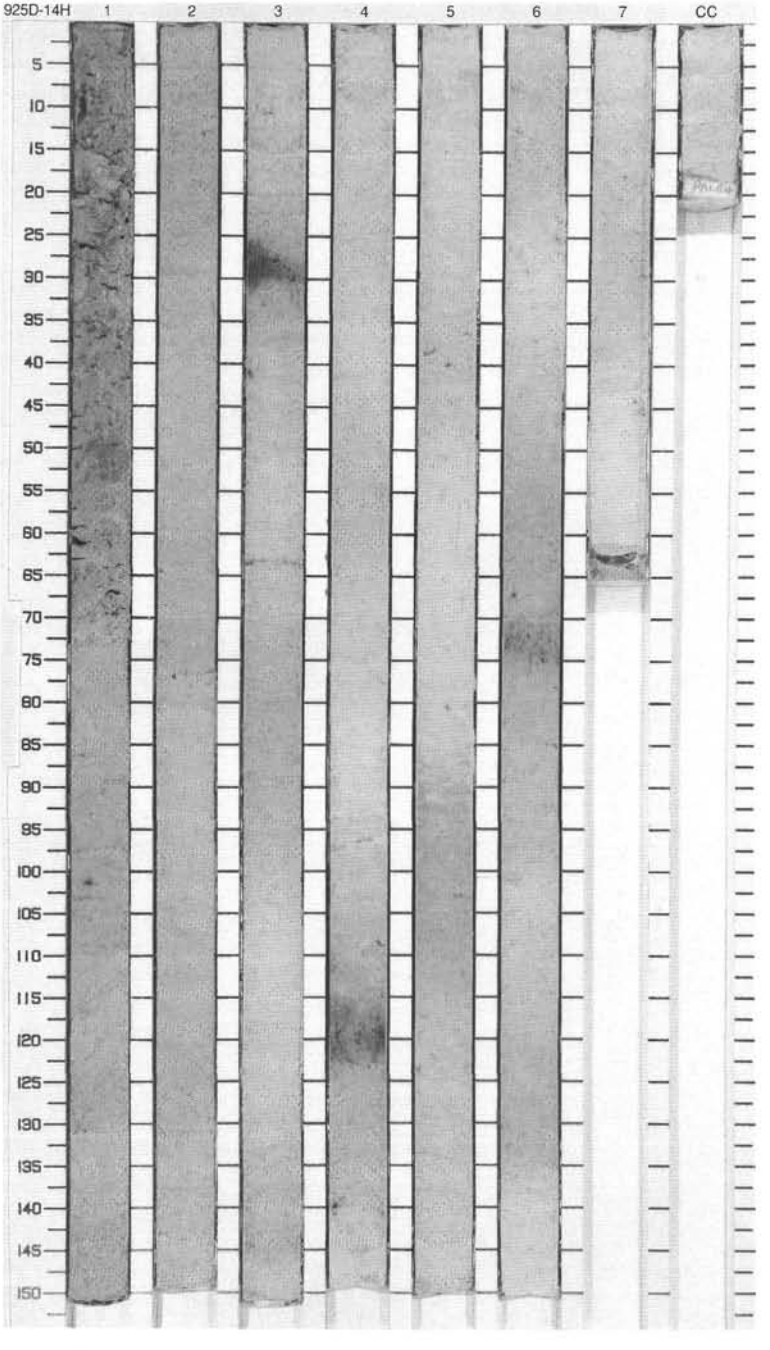
SITE 925 HOLE D CORE 13H CORED 116.5 - 126.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	-50 0 50	1 2 3 4 5 6 7 8 9 CC		1 2 3 4 5 6 7 CC	Pliocene	P P P P P P		S S M	2.5Y 7/2 10YR 6/1 2.5Y 7/2 10YR 6/1 2.5Y 7/2 10YR 6/1 2.5Y 7/2 10YR 6/1 2.5Y 7/2 10YR 6/1 2.5Y 7/2 10YR 6/1	CLAYEY NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of gray (10YR 6/1) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. Alternating beds of different colors occur within intervals that are often shorter than 40 cm. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds in several sections in the core. The sediment is slightly bioturbated.



SITE 925 HOLE D CORE 14H CORED 126.0 - 135.5 mbsf

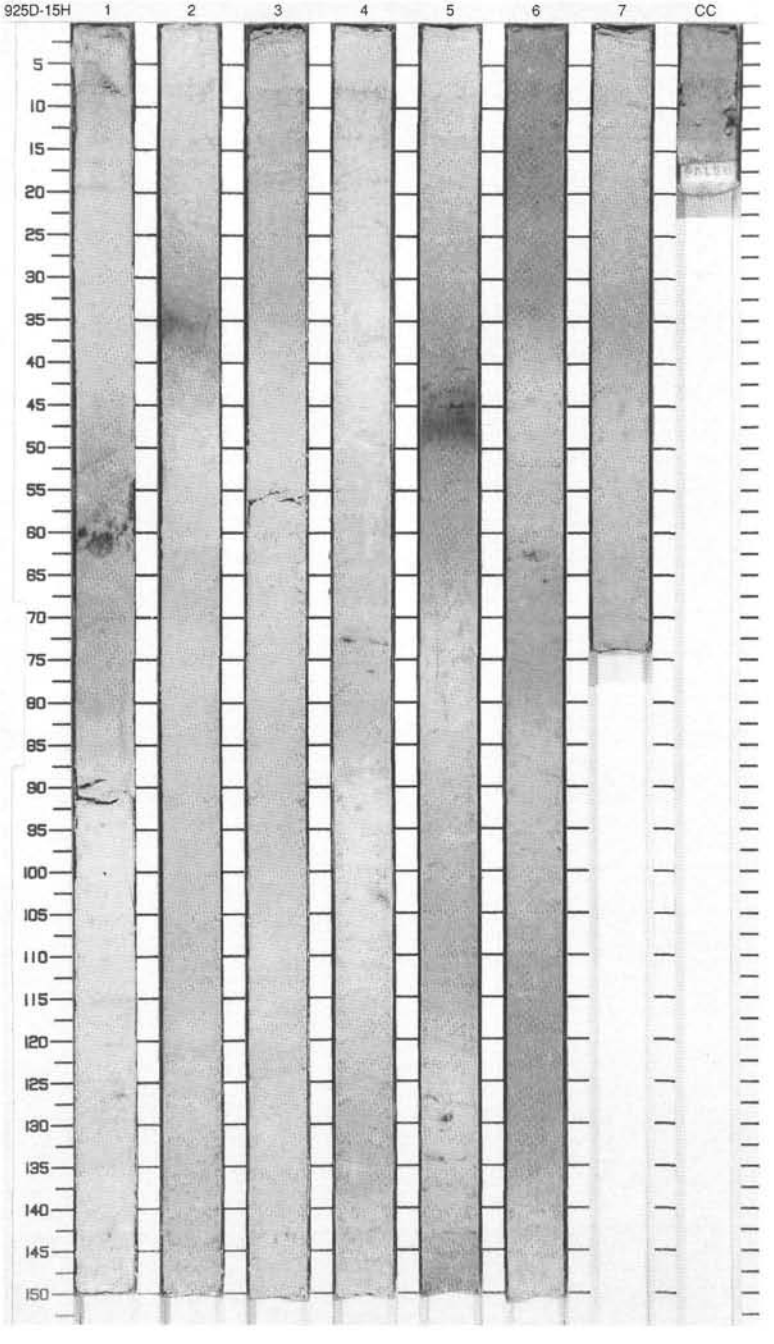
Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–9		1–7, CC	Pliocene	P P P P S S M	WWW		2.5Y 6/1; 2.5Y 7/2; 2.5Y 6/1; 5Y 7/1; 2.5Y 6/1; 5Y 7/1; 2.5Y 6/1; 5Y 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE General Description: This core contains alternating beds of gray (2.5Y 6/1) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2, 5Y 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The color contacts are very gradational. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds in several sections of the core. The sediment is slightly bioturbated. The uppermost part of the core is highly disturbed due to drilling.



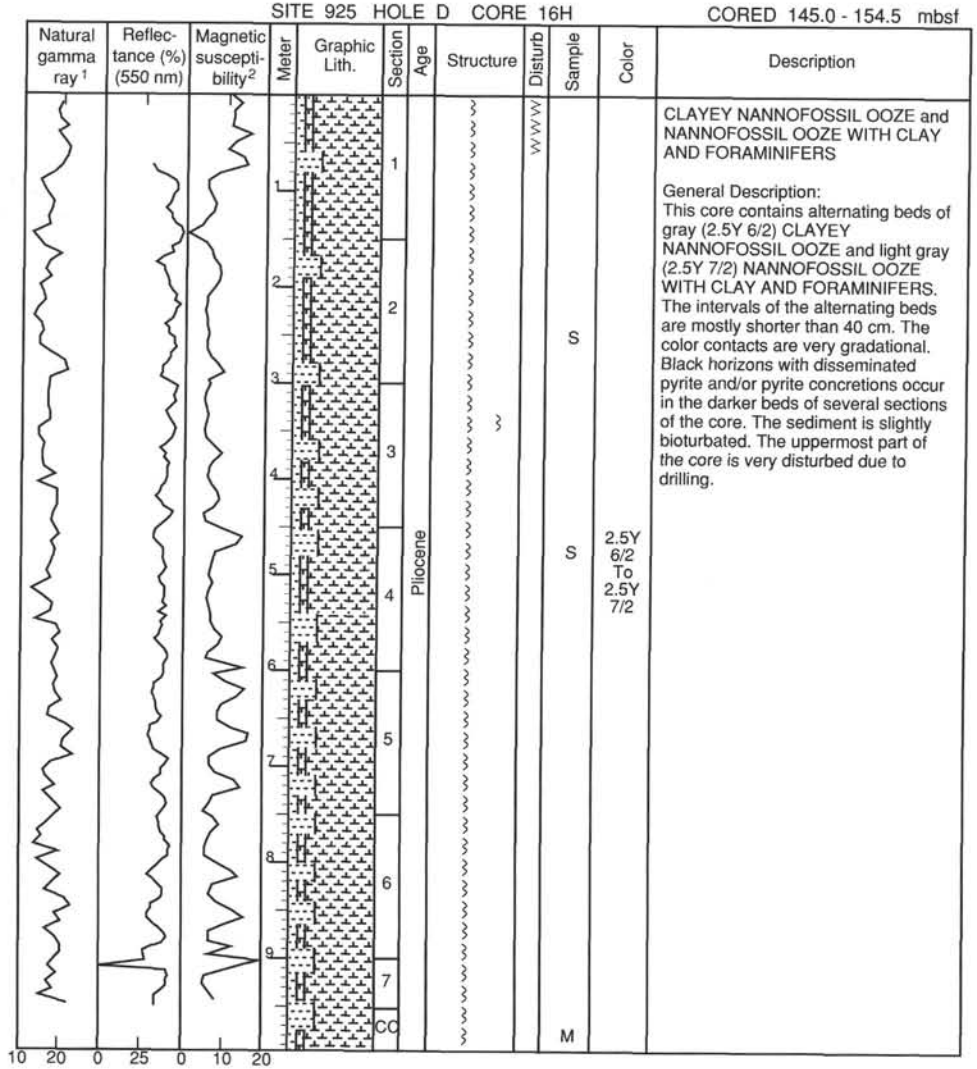
SITE 925 HOLE D CORE 15H CORED 135.5 - 145.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
					1	Pliocene	P		S	2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY and CLAYEY NANNOFOSSIL OOZE
										2.5Y 6/2	
										2.5Y 7/2	General Description: This core contains alternating beds of gray (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. The color contacts are very gradational. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds of several sections in the core. The sediment is slightly bioturbated.
							P			2.5Y 6/2	
					2					2.5Y 7/2	
										2.5Y 6/2	
					3					2.5Y 7/2	
					4					2.5Y 6/2	
										2.5Y 7/2	
					5		P			2.5Y 6/2	
										2.5Y 7/2	
					6				S	2.5Y 6/2	
										2.5Y 7/2	
					7					2.5Y 6/2	
					CC				M	2.5Y 7/2	

10 20 0 50 0 20 40

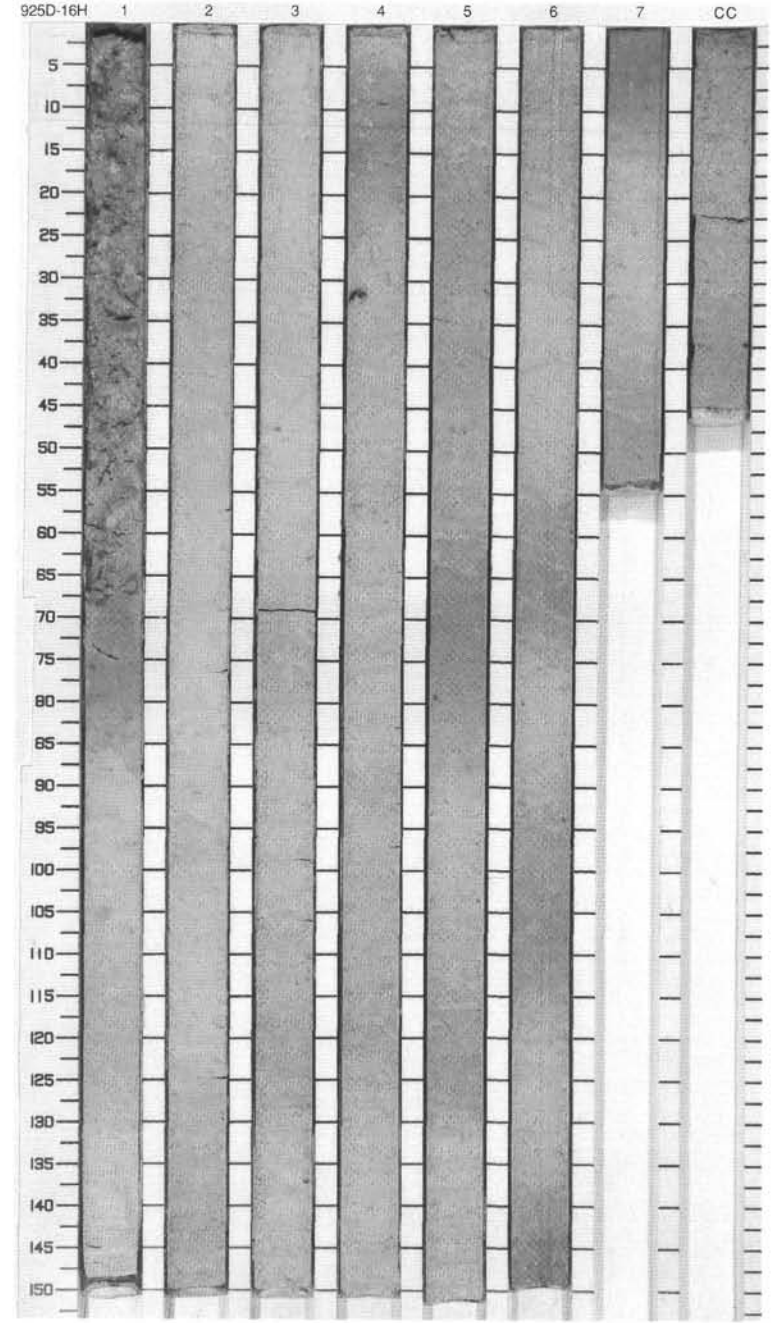


SITE 925 HOLE D CORE 16H CORED 145.0 - 154.5 mbsf



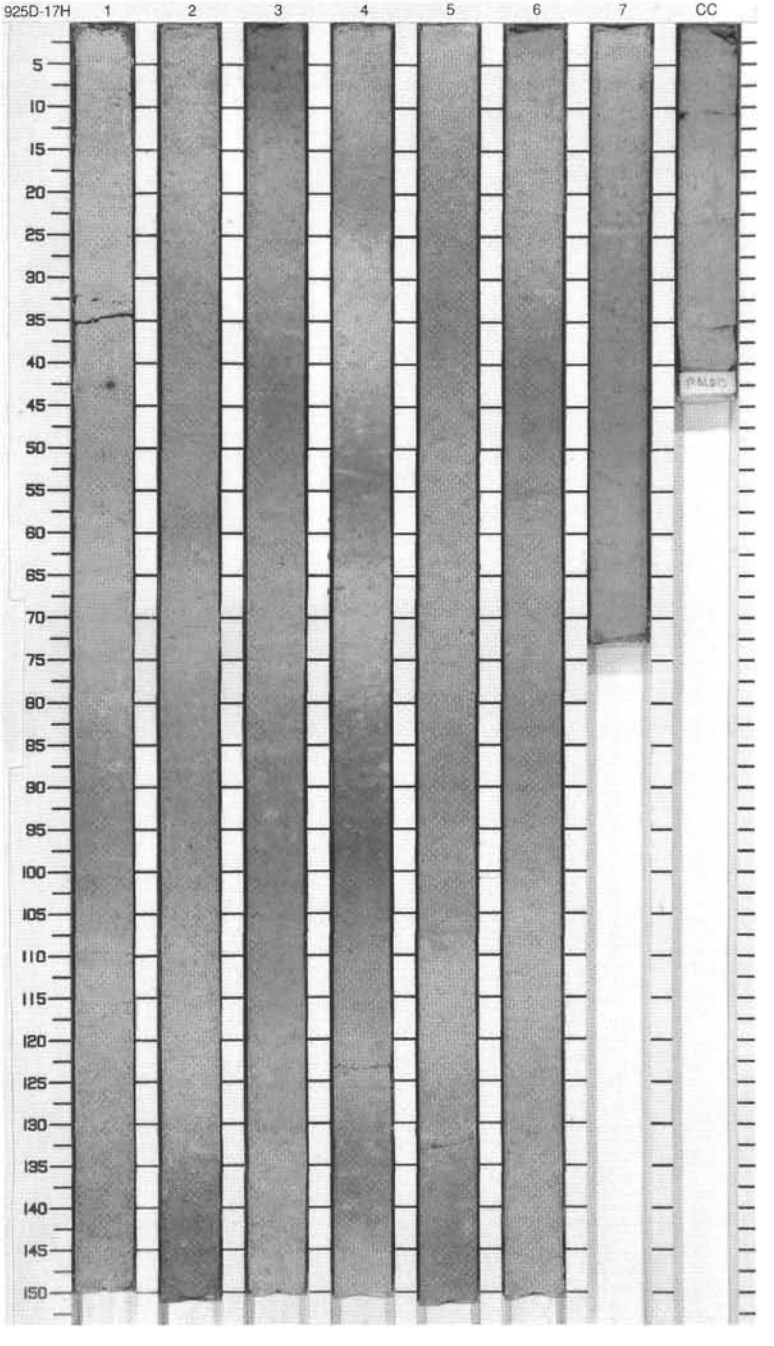
CLAYEY NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS

General Description:
This core contains alternating beds of gray (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The intervals of the alternating beds are mostly shorter than 40 cm. The color contacts are very gradational. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds of several sections of the core. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed due to drilling.



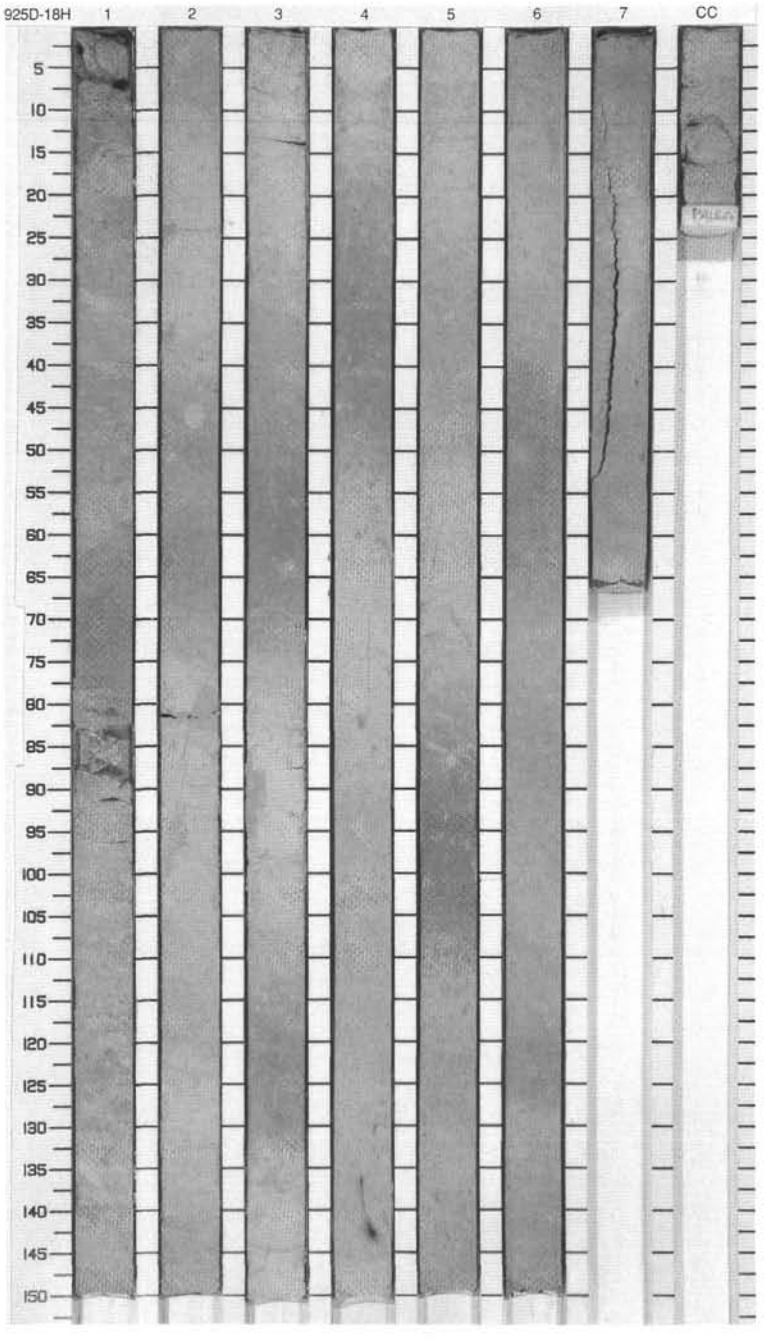
SITE 925 HOLE D CORE 17H CORED 154.5 - 164.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 20 40	1–10		1–7, CC	late Miocene	P; P		S; S; M	10YR 6/2 To 2.5Y 7/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of gray (10YR 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. The intervals of the alternating beds are mostly shorter than 40 cm. The color contacts are very gradational. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds of several sections of the core. The sediment is slightly bioturbated.



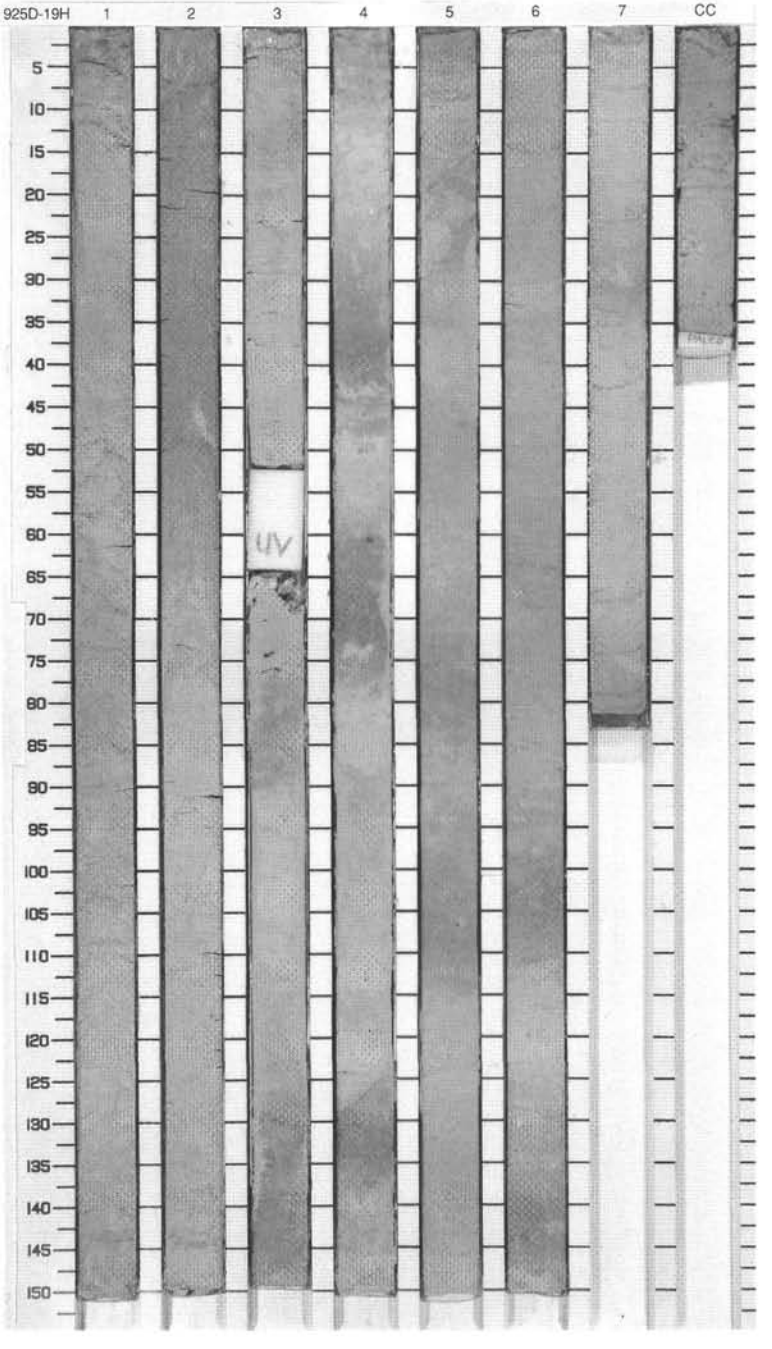
SITE 925 HOLE D CORE 18H CORED 164.0 - 173.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	-50 0	0 10 20			1 2 3 4 5 6 7 CC	late Miocene	P P	○ ○	S M	2.5Y 5/2 To 2.5Y 7/2	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS and NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains alternating beds of gray (2.5Y 5/2, 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The intervals of the alternating beds are mostly shorter than 40 cm. The color contacts are very gradational. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds of several sections of the core. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed due to drilling.

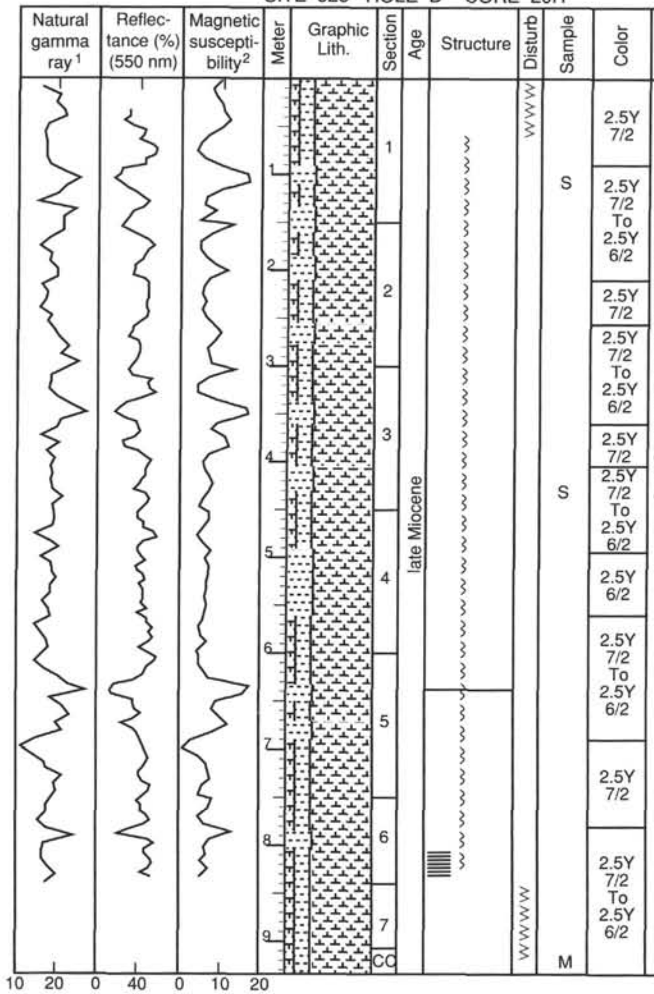


SITE 925 HOLE D CORE 19H CORED 173.5 - 183.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene			S S M	2.5Y 6/3 To 2.5Y 7/2; 2.5Y 6/3; 2.5Y 7/2; 2.5Y 6/3 To 2.5Y 7/2; 2.5Y 7/2; 2.5Y 6/3; 2.5Y 7/2; 2.5Y 6/3; 2.5Y 6/3 To 2.5Y 7/2	NANNOFOSSIL OOZE WITH CLAY General Description: This core contains alternating beds of gray (2.5Y 6/3) and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY. The intervals of the alternating beds are mostly shorter than 40 cm. The color contacts are very gradational. Black horizons with disseminated pyrite and/or pyrite concretions occur in the darker beds of several sections of the core. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed due to drilling (flow-in structures). An early stage of biscuiting and flow-in features indicate slight to moderate disturbance in Sections 1–4.



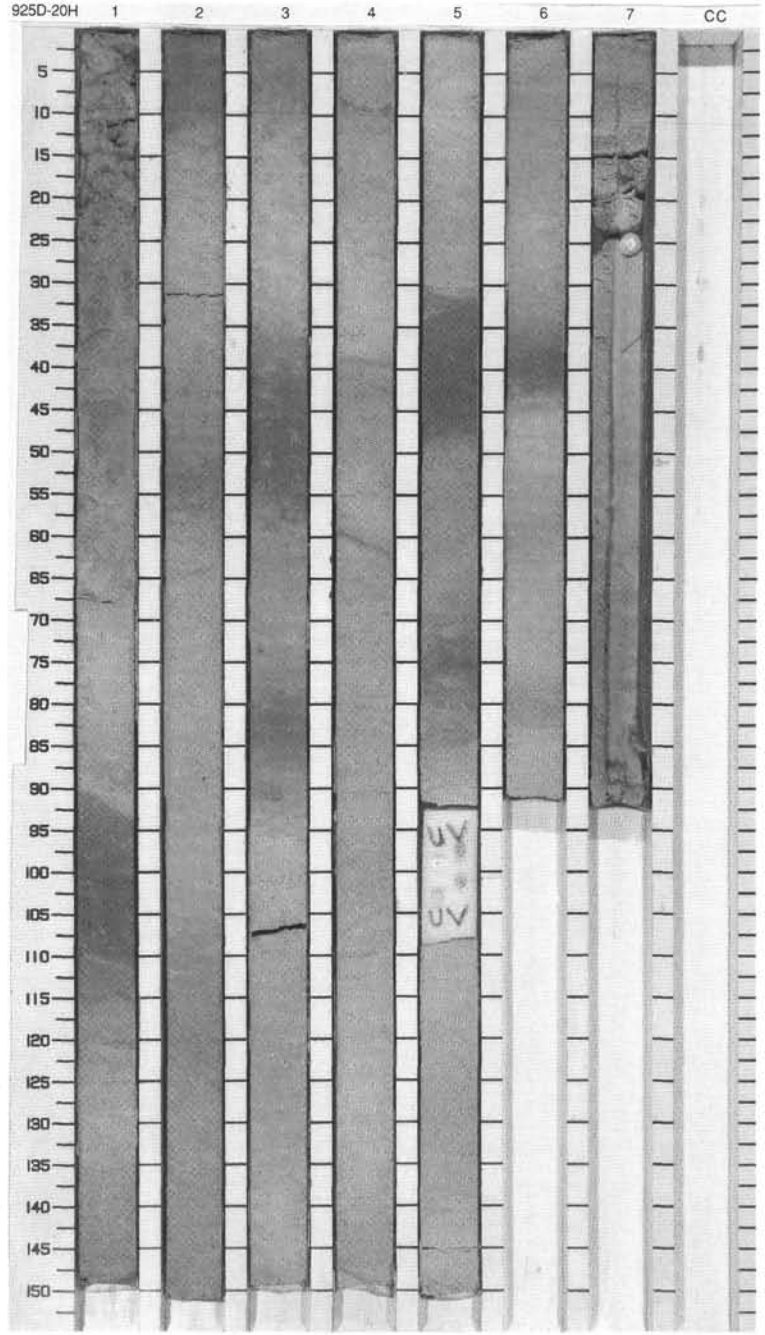
SITE 925 HOLE D CORE 20H CORED 183.0 - 192.5 mbsf



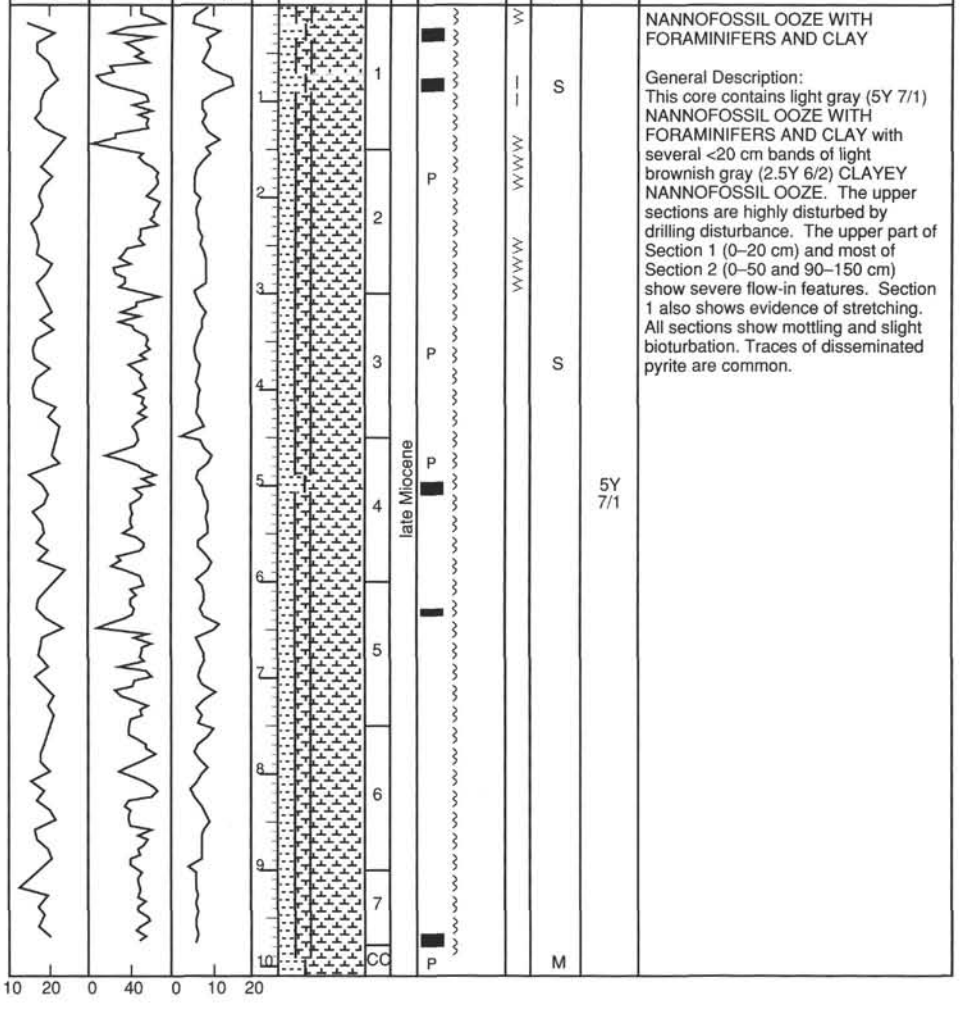
Description

NANNOFOSSIL OOZE WIH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE

General Description:
This core contains alternating beds of gray (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE and light gray (2.5Y 7/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. The intervals of the alternating beds are mostly shorter than 40 cm. The color contacts are very gradational. A very sharp probably erosional contact occurs in Section 5 at 32 cm. Millimeter-scale laminae are present in Section 6 at 45–90 cm. The sediment is slightly bioturbated. The uppermost part of the core is very disturbed due to drilling, and the lowermost part is deformed by a crushed liner.



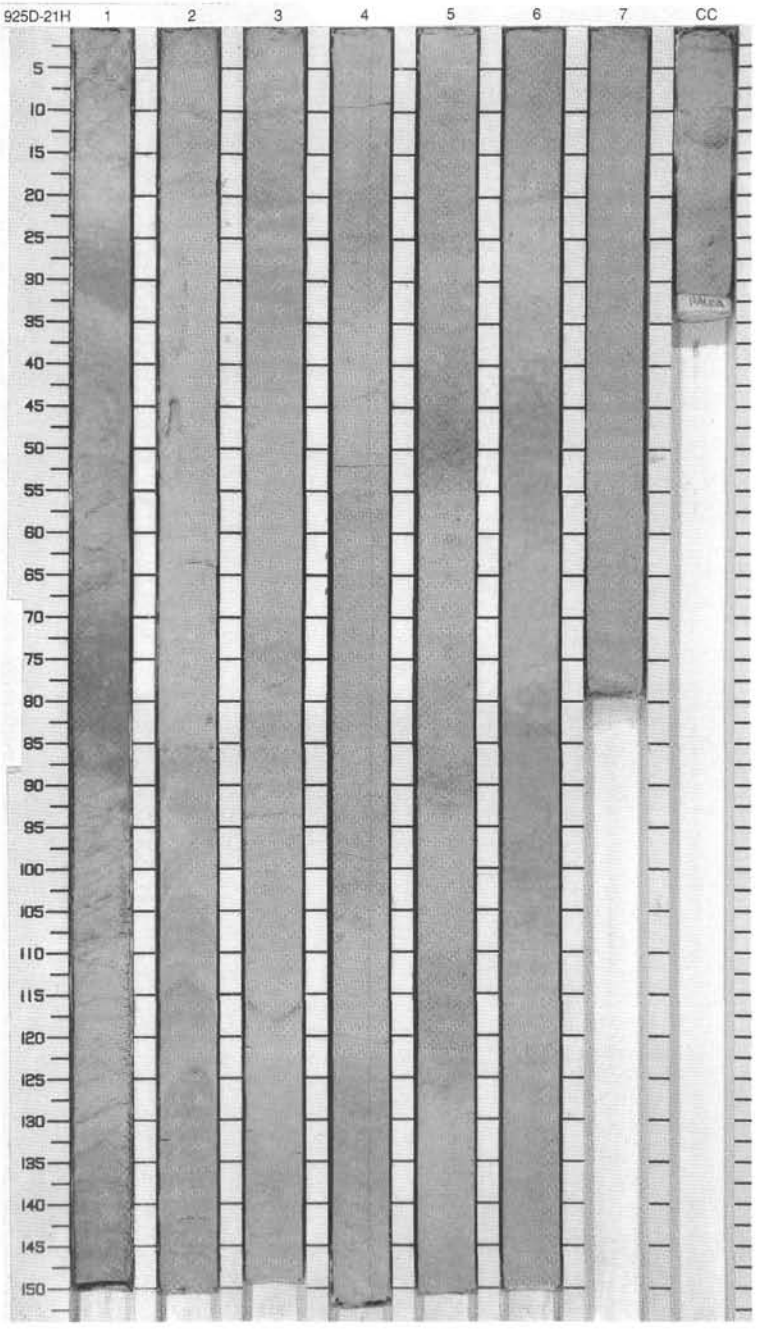
SITE 925 HOLE D CORE 21H CORED 192.5 - 202.0 mbsf



Description

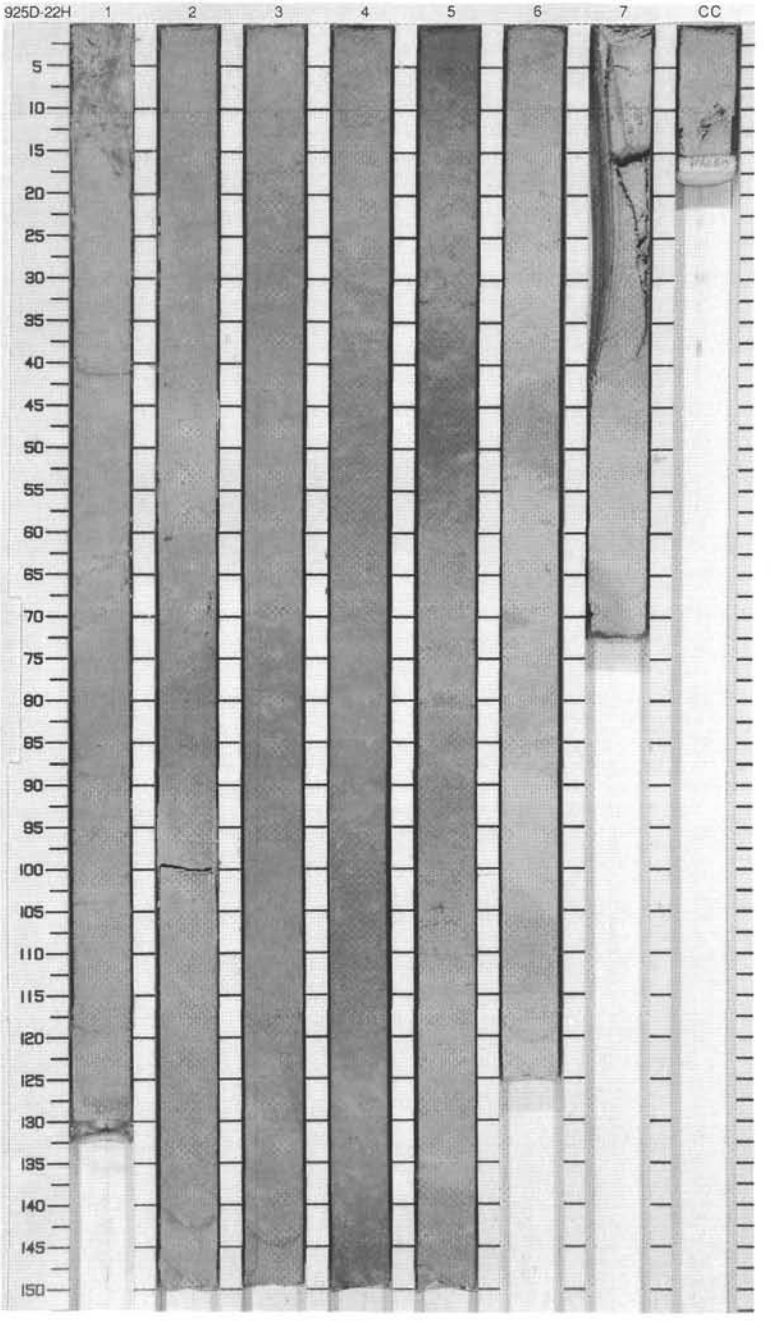
NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY

General Description:
This core contains light gray (5Y 7/1) NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY with several <20 cm bands of light brownish gray (2.5Y 6/2) CLAYEY NANNOFOSSIL OOZE. The upper sections are highly disturbed by drilling disturbance. The upper part of Section 1 (0–20 cm) and most of Section 2 (0–50 and 90–150 cm) show severe flow-in features. Section 1 also shows evidence of stretching. All sections show mottling and slight bioturbation. Traces of disseminated pyrite are common.



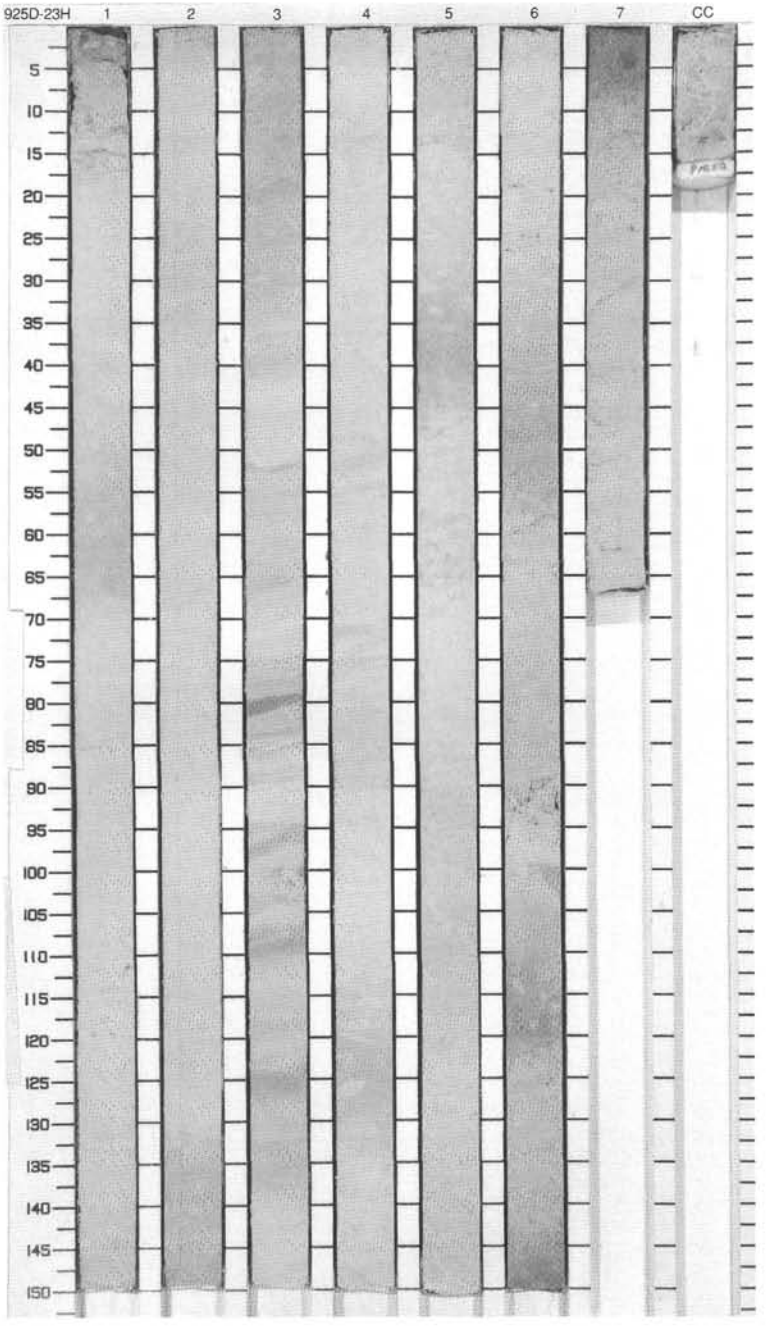
SITE 925 HOLE D CORE 22H CORED 202.0 - 211.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20			1 2 3 4 5 6 7 CC	late Miocene	P P P P P	W W W	S S S M	5Y 6/1 To 2.5Y 6/2; 2.5Y 6/2; 5Y 6/2; 2.5Y 6/2 To 10YR 6/2; 5Y 6/2 To 7.5GY 8/1; 7.5GY 8/1	FORAMINIFER NANNOFOSSIL OOZE WITH CLAY, NANNOFOSSIL OOZE WITH CLAY, and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains FORAMINIFER NANNOFOSSIL OOZE WITH CLAY, which grades from gray (5Y 6/1) to light brownish gray (2.5Y 6/2) and light olive gray (5Y 6/2) downcore. Interbedded with this lithology is CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS, which is light brownish gray (2.5Y 6/2 to 10YR 6/2). At the base of the core (Section 6 and below), the lithology changes to light greenish gray (7.5Y 8/1) NANNOFOSSIL OOZE WITH CLAY, with bands of the more clayey material present in small patches. There are many zones of disseminated pyrite throughout the core, and two tilted bands enriched in pyrite with fairly sharp contacts occur in Section 3 at 130–135 cm and Section 5 at 84–89 cm. The entire core shows mottling and slight bioturbation. The upper 40 cm of Section 7 are heavily disturbed by a crushed core liner, and at the base of Section 7 there is a sharp, wavy, tilted contact between the light greenish gray material and the more clayey lithology. This may be a slump feature or possibly drilling disturbance.



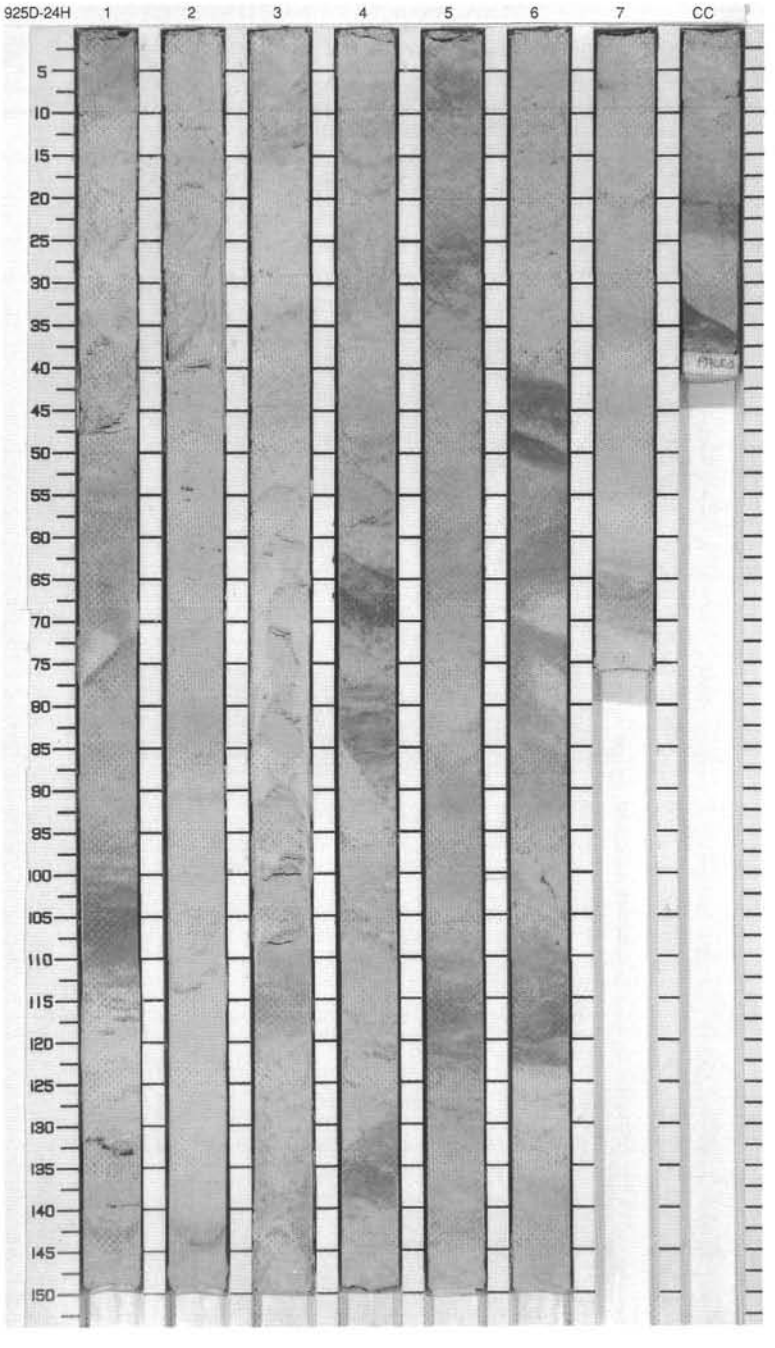
SITE 925 HOLE D CORE 23H CORED 211.5 - 221.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–9		1–7, CC	late Miocene		!	S, M	5GY 7/1 To 5Y 7/1	NANNOFOSSIL OOZE WITH FORAMINIFERS AND CLAY General Description: This core contains light greenish gray (5GY 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. Thin (<40 cm) light gray (5Y 7/1) layers of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are interbedded in Sections, 1, 2, and 5–7. Microfaults, convolute and highly inclined bedding, parallel laminae, and wedge-planar laminae are present in Section 2, 120 cm to Section 4, 90 cm and indicate slumping. The sediments above and below are slightly bioturbated. A band of disseminated pyrite occurs in Section 6, 90–100 cm.



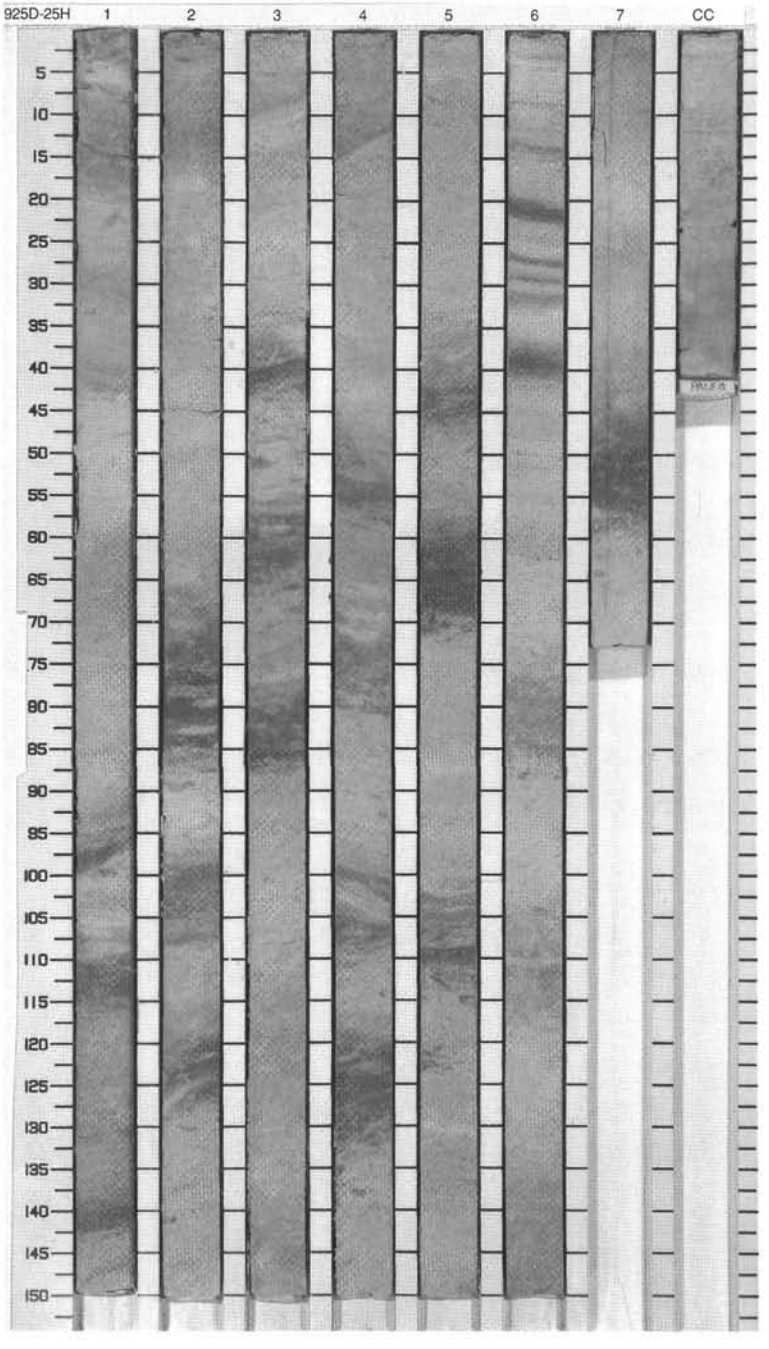
SITE 925 HOLE D CORE 24H CORED 221.0 - 230.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene			S, M	5GY 7/1 To 5Y 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core contains light gray (5GY 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and thin (<30 cm) interbedded intervals of darker gray (5Y 7/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. The entire core is slightly bioturbated. Sections 1 to 4, 100 cm, are slightly to moderately drilling disturbed (flow-in, coring deformation, biscuiting). Slumping structures (convolute bedding, laminae and sharp dipping color contacts) occur at Section 6, 40–120 cm, and at the core catcher at 35 cm. A black layer of disseminated pyrite is present at Section 1, 135 cm and at Section 6, 100 cm.



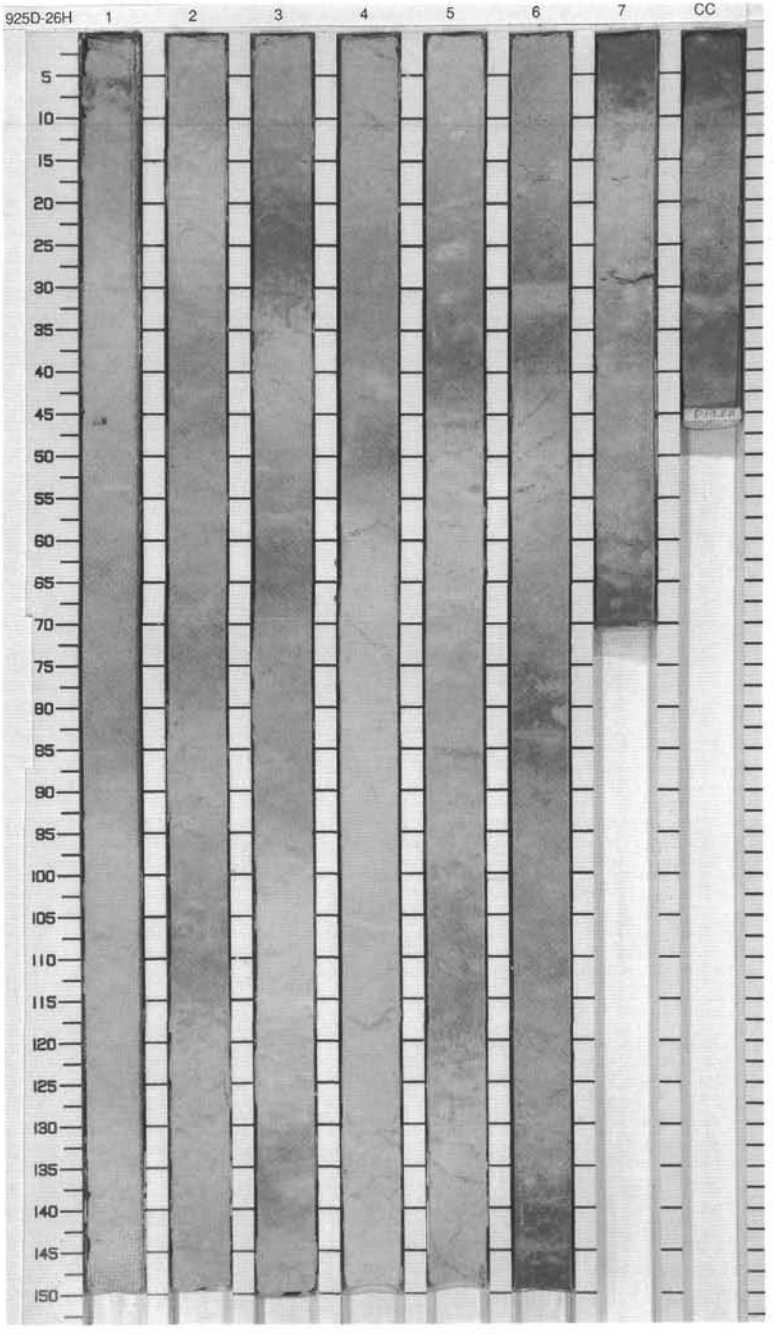
SITE 925 HOLE D CORE 25H CORED 230.5 - 240.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene			S, P, M	10Y 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core consists of light gray (10Y 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. Thin layers (<30 cm) of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are light yellowish brown (10YR 6/4) and are represented here as individual color bands. The color contacts are gradational. The sediments are slightly bioturbated. A sequence of less bioturbated yellowish brown color bands (mm- to cm-scale) occurs in the upper 45 cm of Section 6. Black mm-scale pyritized horizons occur below.



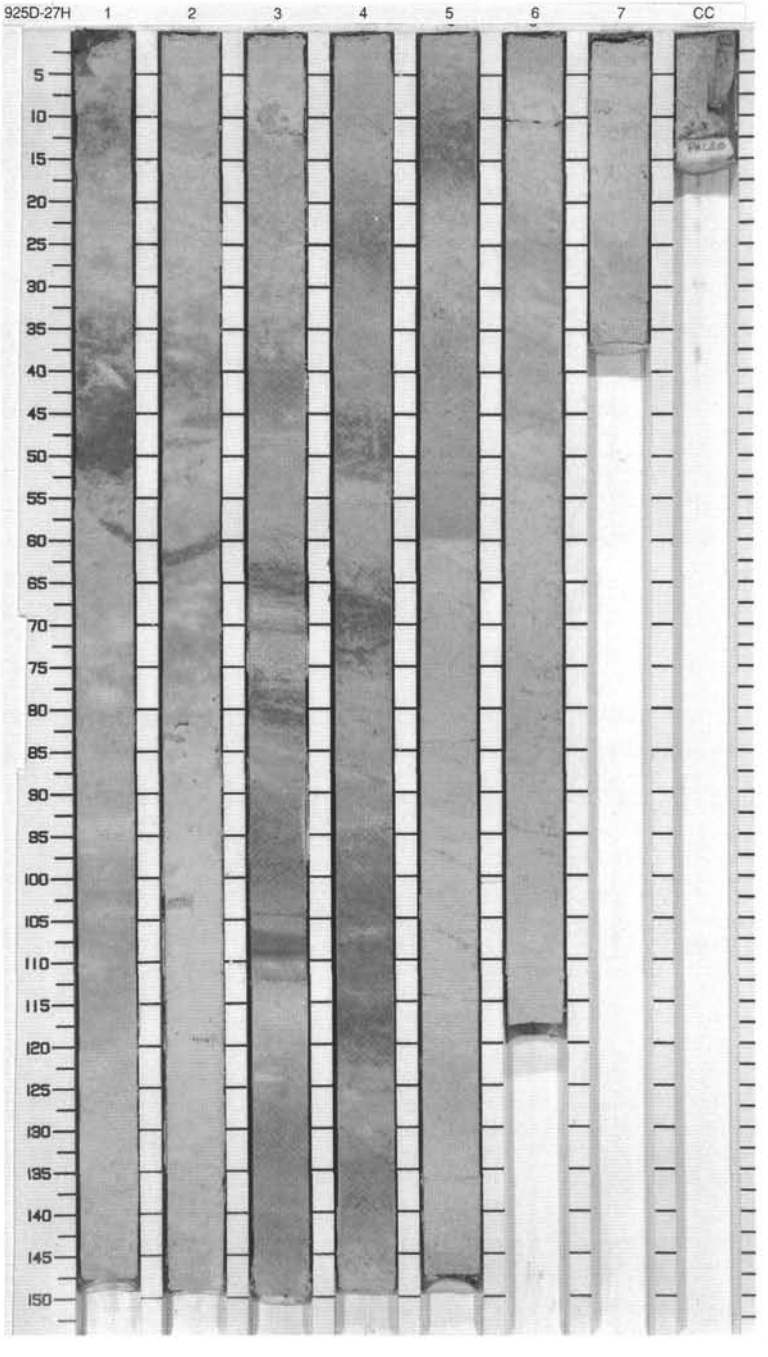
SITE 925 HOLE D CORE 26H CORED 240.0 - 249.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–10		1–7, CC	late Miocene			S, M	10Y 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core consists of light gray (10Y 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. Thin layers (<30 cm) of CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are light yellowish brown (10YR 6/4) and are represented here as individual color bands. The color contacts are gradational. The sediments are slightly bioturbated. Drilling disturbance is indicated by an early stage of biscuiting.



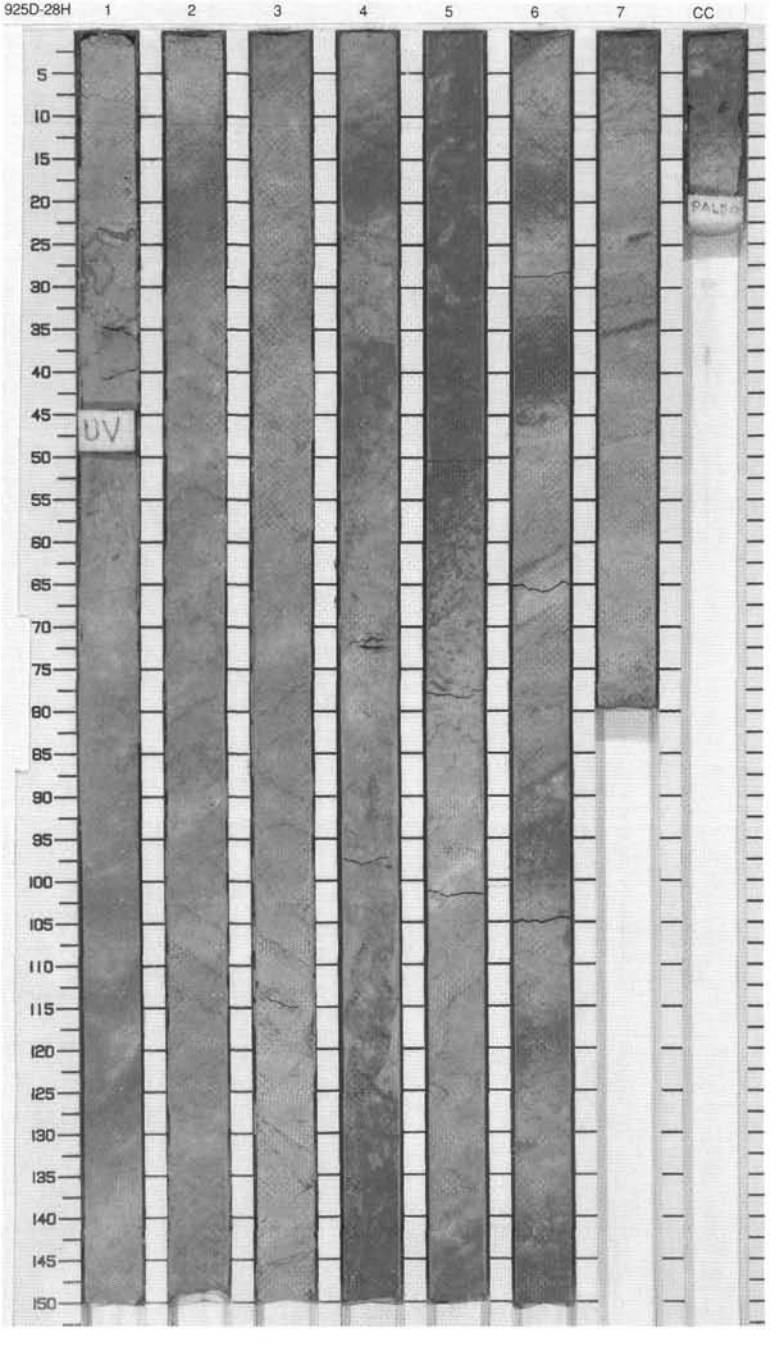
SITE 925 HOLE D CORE 27H CORED 249.5 - 259.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1 2 3 4 5 6 7		1 2 3 4 5 6 7 CC	late Miocene	P P		S S M	10Y 7/1 5GY 7/1 10Y 7/1 5GY 7/1	NANNOFOSSIL OOZE WITH CLAY General Description: This core consists of light gray (10Y 7/1) to light greenish gray (5GY 7/1) NANNOFOSSIL OOZE WITH CLAY. Thin layers (<30 cm) of light yellowish brown (10YR 6/4) CLAYEY NANNOFOSSIL OOZE are represented as individual color bands. The color contacts are gradational, except for a sharp contact in Section 5, 60 cm. The sediments are slightly bioturbated.



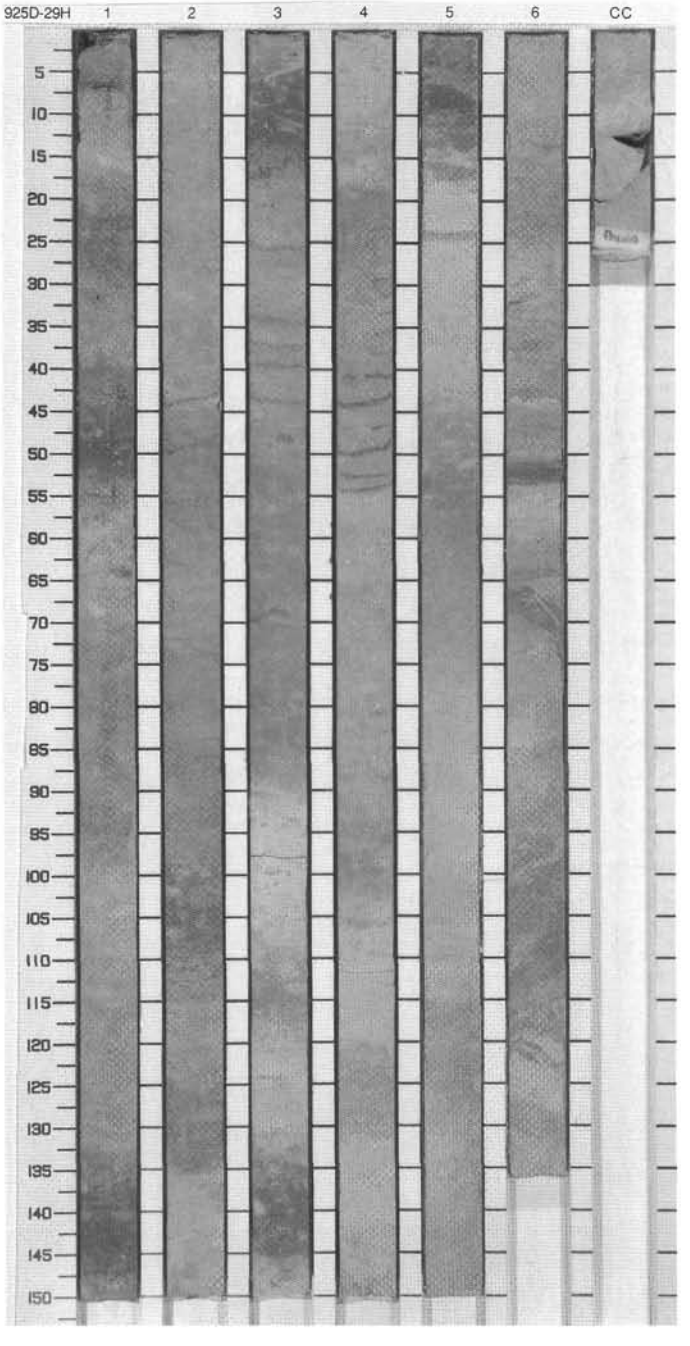
SITE 925 HOLE D CORE 28H CORED 259.0 - 268.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 25	0 10 20	1–10		1–CC	late Miocene		WWW	S / M	5GY 6/2; 10YR 6/4; 5GY 6/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core consists of light gray (5GY 6/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and of light yellowish brown (10YR 6/4) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. Thin layers (<30 cm) of the CLAYEY NANNOFOSSIL OOZE are represented as individual color bands. The color contacts are gradational. The sediments are slightly bioturbated. The entire core shows features of moderate to heavy drilling disturbance like compressional shear failures (Sections 2–5), voids (Section 1, 25–33 and 45–50 cm) and differential friction features (Section 5, 50–100 cm).



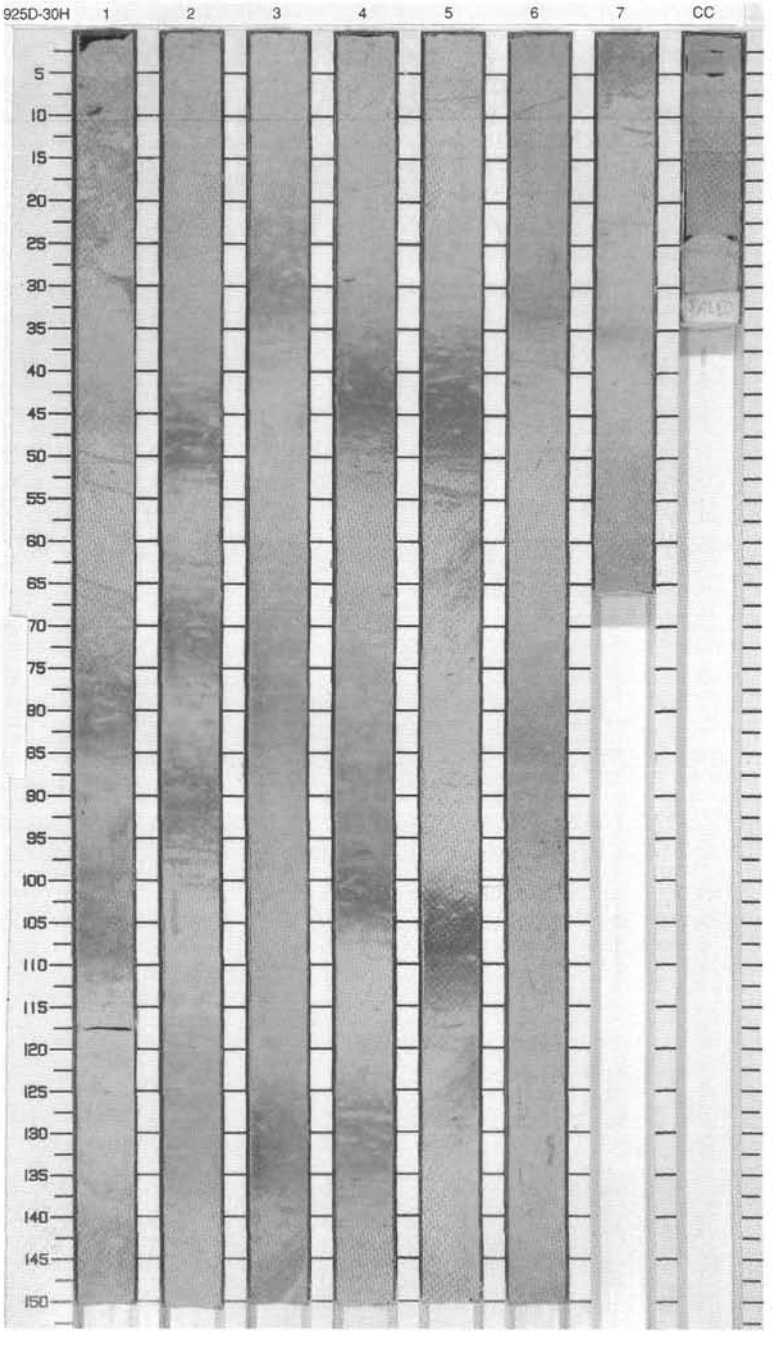
SITE 925 HOLE D CORE 29H CORED 268.5 - 278.0 mbsf

Natural gamma ray [1]	Reflectance (%) (550 nm)	Magnetic susceptibility [2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25	0 20 40	1–9		1–6, CC	middle Miocene			S, S, M	5GY 6/2; 5GY 7/1; 5GY 6/2; 5GY 7/1; 5GY 6/2; 5GY 7/1; 5GY 6/2; 5GY 6/2 To 5GY 7/1	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS General Description: This core consists of light olive gray (5GY 6/2) to light greenish gray (5GY 7/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS. Thin layers (<30 cm) of light yellowish brown (10YR 6/4) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS are represented as individual color bands. The color contacts are gradational. The sediments are slightly bioturbated, except for the lowest part of the core (Section 6, 30 cm, to Section CC, 26 cm), which shows features of slumping.



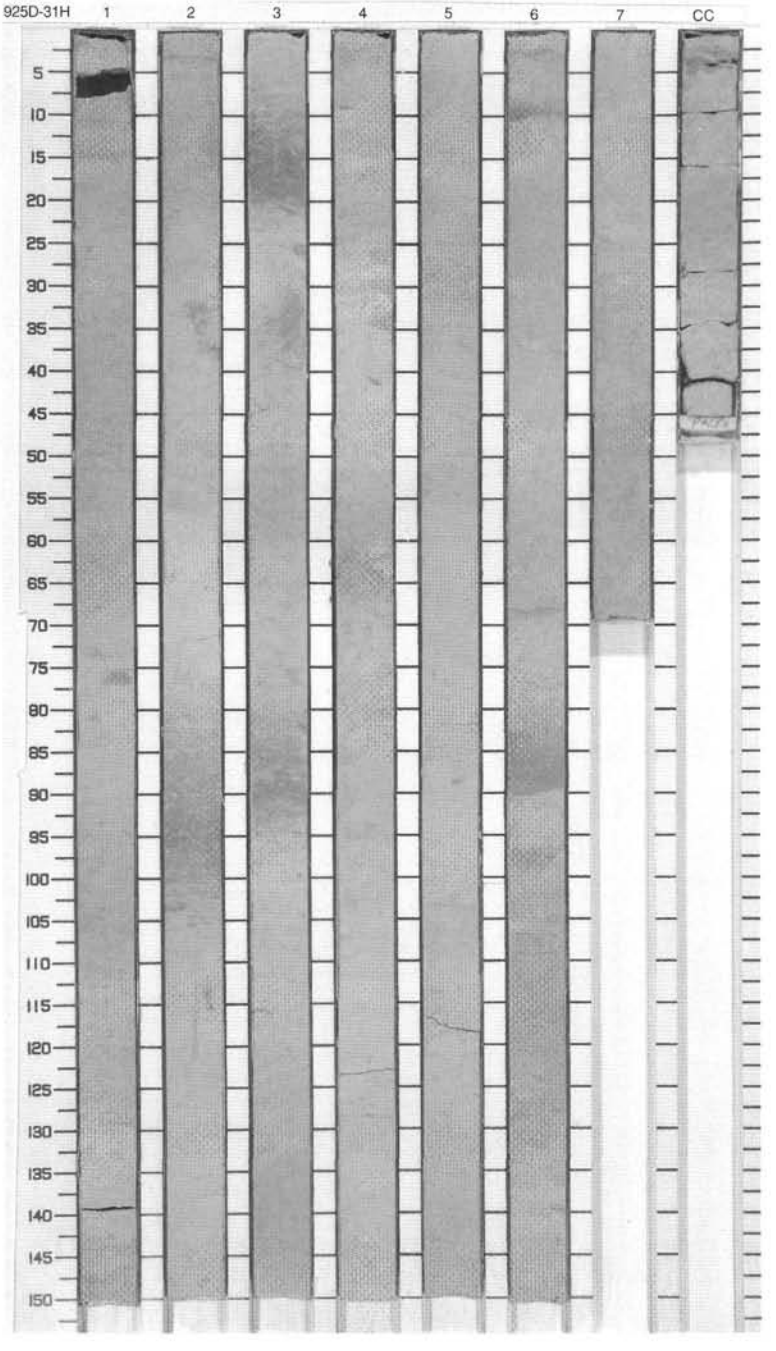
SITE 925 HOLE D CORE 30H CORED 278.0 - 287.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25	0 20 40	1–9		1–7, CC	middle Miocene			S, S, M	7.5GY 7/1	NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS General Description: This core consists of a light greenish gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. Thin layers (<30 cm) of light yellowish brown (10YR 6/4) CLAYEY NANNOFOSSIL MIXED SEDIMENT are represented as individual color bands. Below Section 5 their color changes to moderate grayish green (10GY 6/2). The color contacts are gradational. The sediments are moderately bioturbated, except for the uppermost part of the core (Section 1, 0–30 cm) which shows features of slumping.

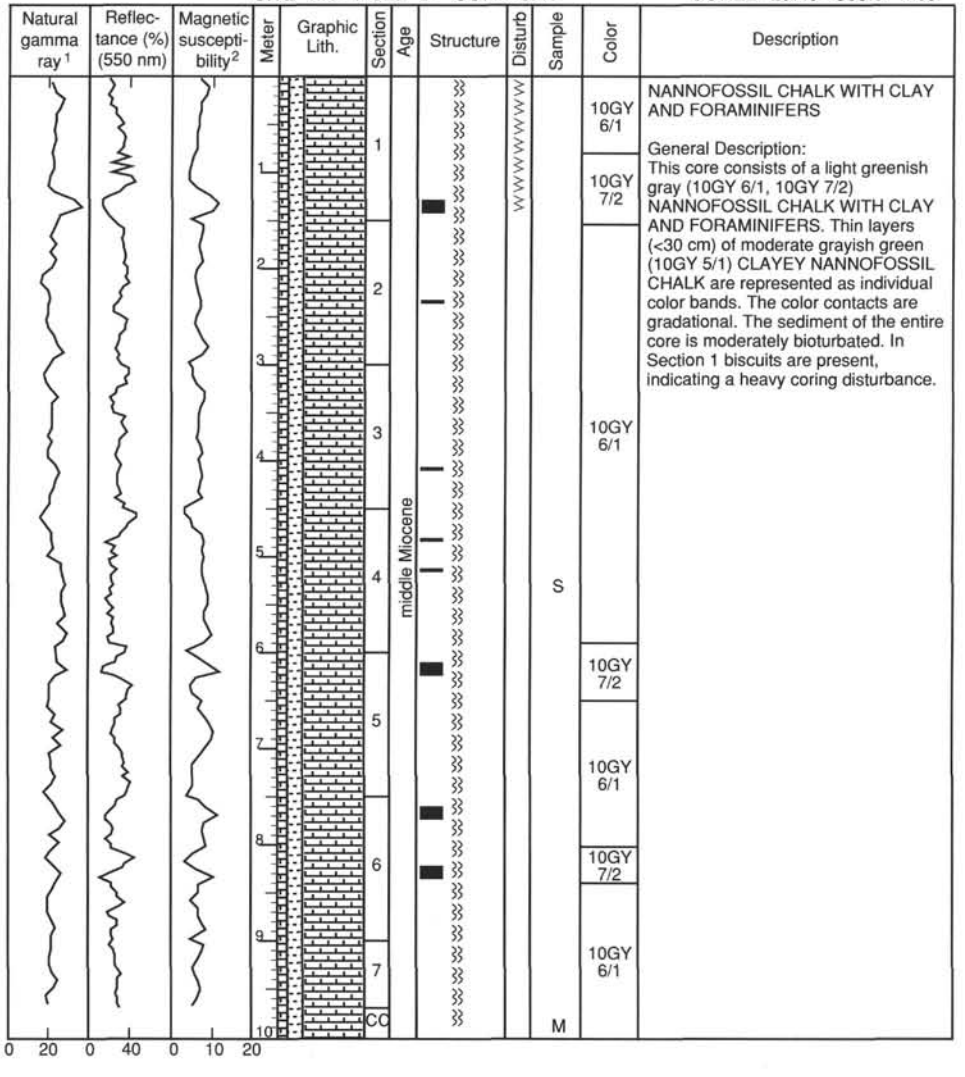


SITE 925 HOLE D CORE 31H CORED 287.5 - 297.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 40	0 10 20	1–10		1–7, CC	middle Miocene			S, S, M	7.5GY 6/1; 10GY 7/2; 7.5GY 6/1; 10GY 7/2; 7.5GY 6/1; 10GY 7/2; 7.5GY 6/1; 10GY 7/2; 7.5GY 6/1	NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS General Description: This core consists of a light greenish gray (7.5GY 6/1, 10GY 7/2) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. Thin layers (<30 cm) of moderate grayish green (7.5GY 5/1) CLAYEY NANNOFOSSIL CHALK are represented as individual color bands. The color contacts are gradational. The sediments are moderately bioturbated. In Section 6, 68 and 96 cm, two microfaults are present (coring disturbance?).

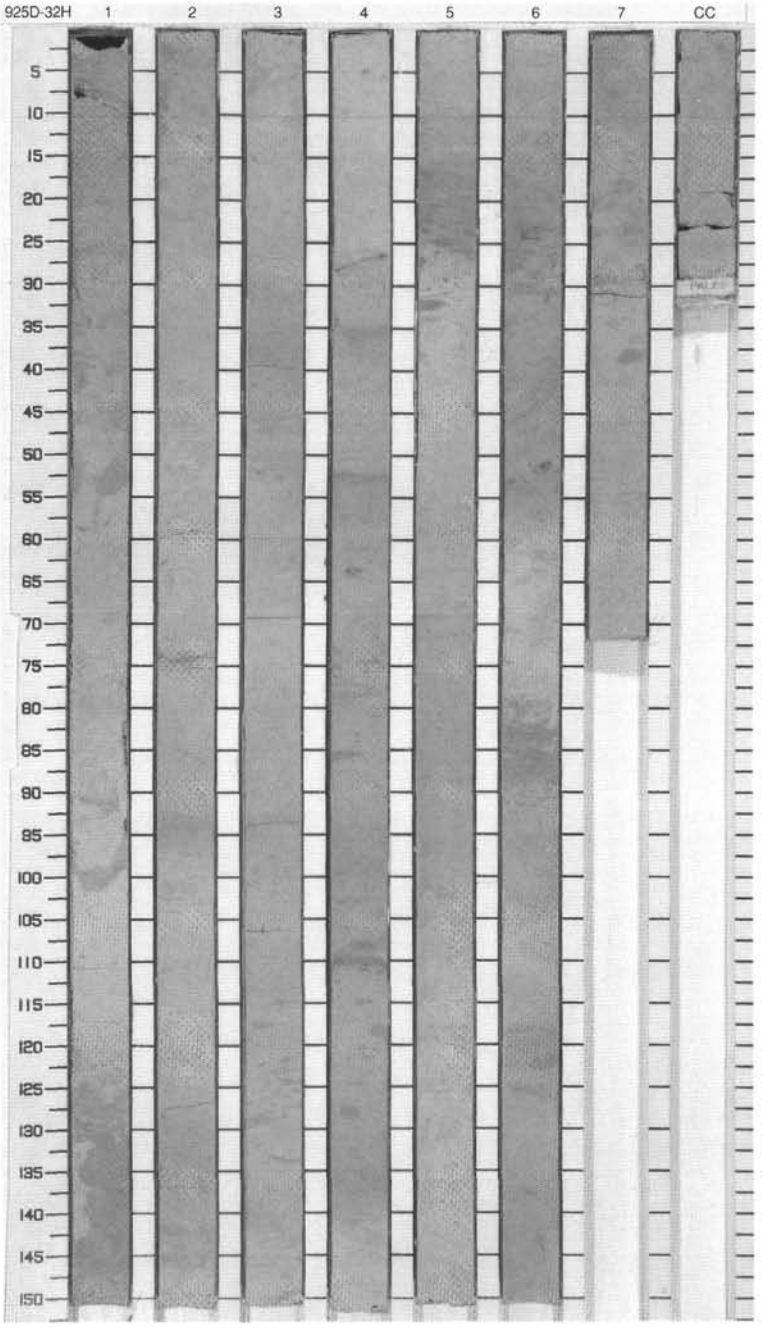


SITE 925 HOLE D CORE 32H CORED 297.0 - 306.5 mbsf



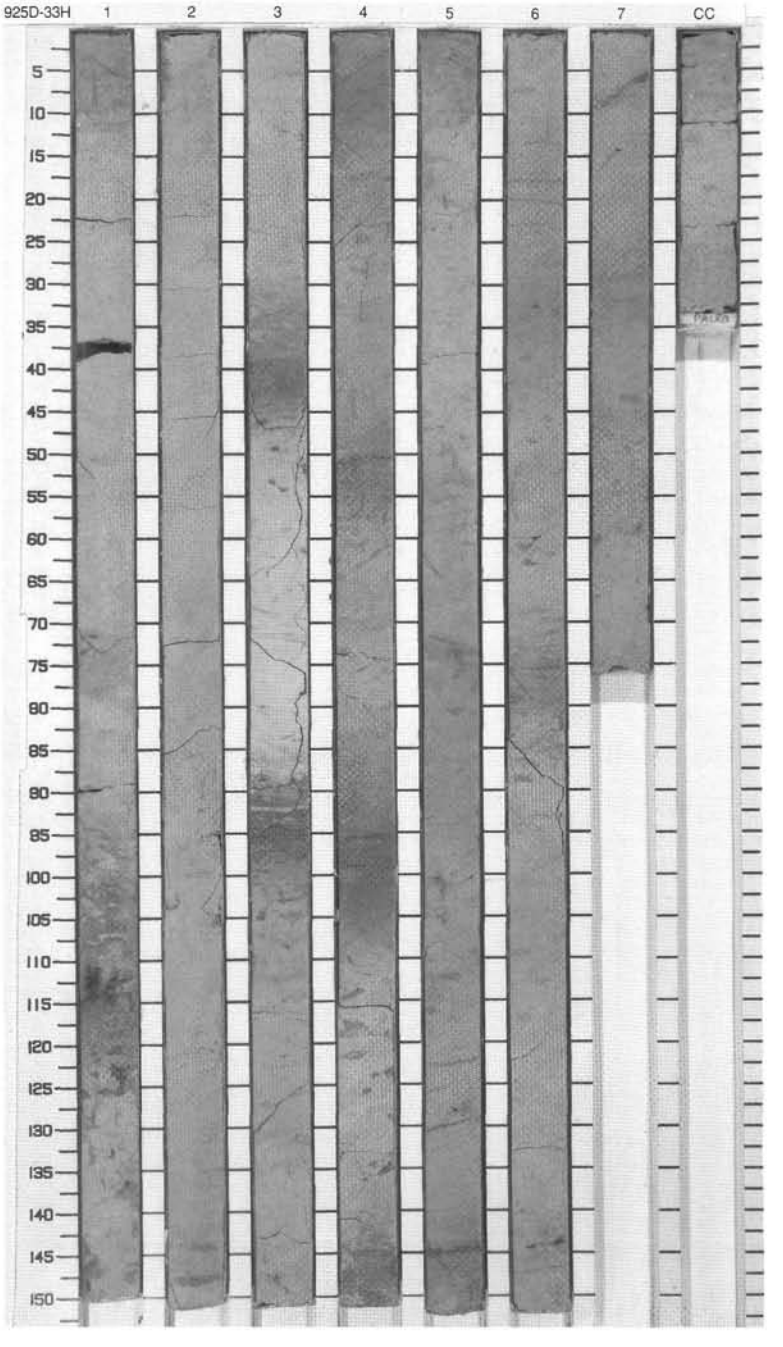
NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS

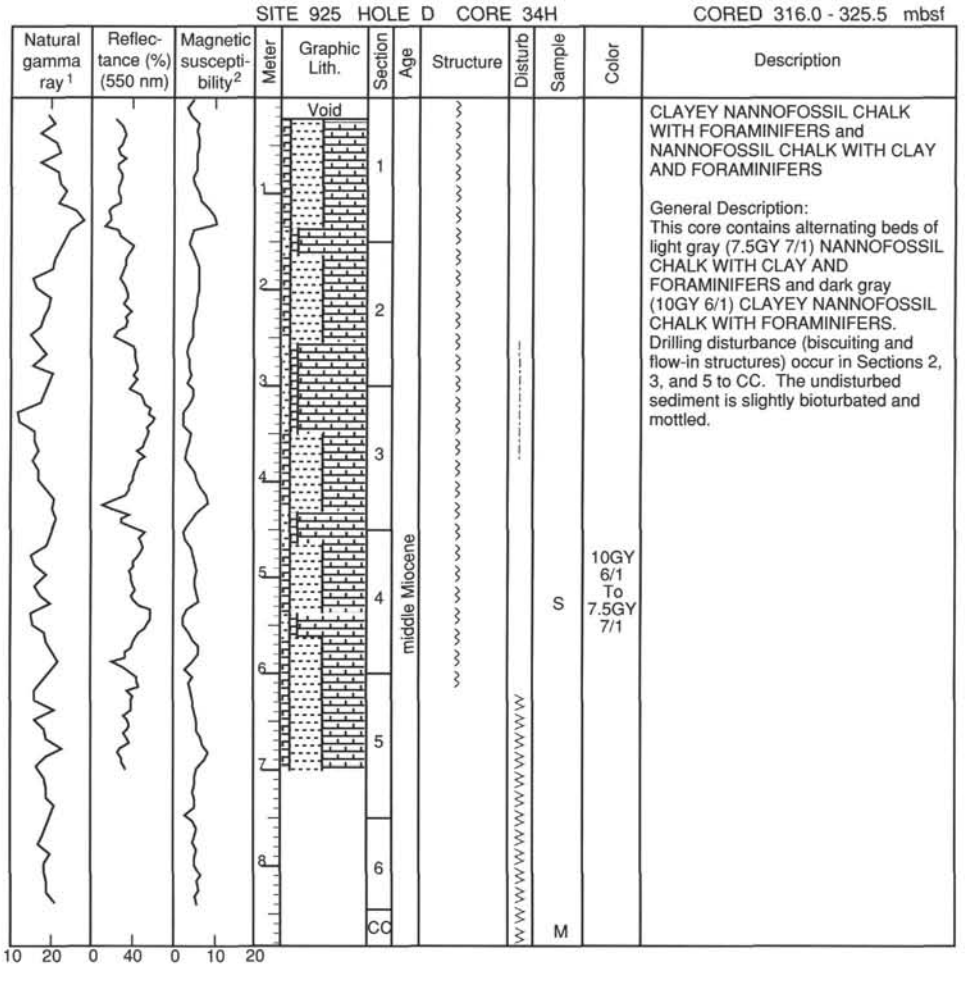
General Description:
This core consists of a light greenish gray (10GY 6/1, 10GY 7/2) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS. Thin layers (<30 cm) of moderate grayish green (10GY 5/1) CLAYEY NANNOFOSSIL CHALK are represented as individual color bands. The color contacts are gradational. The sediment of the entire core is moderately bioturbated. In Section 1 biscuits are present, indicating a heavy coring disturbance.

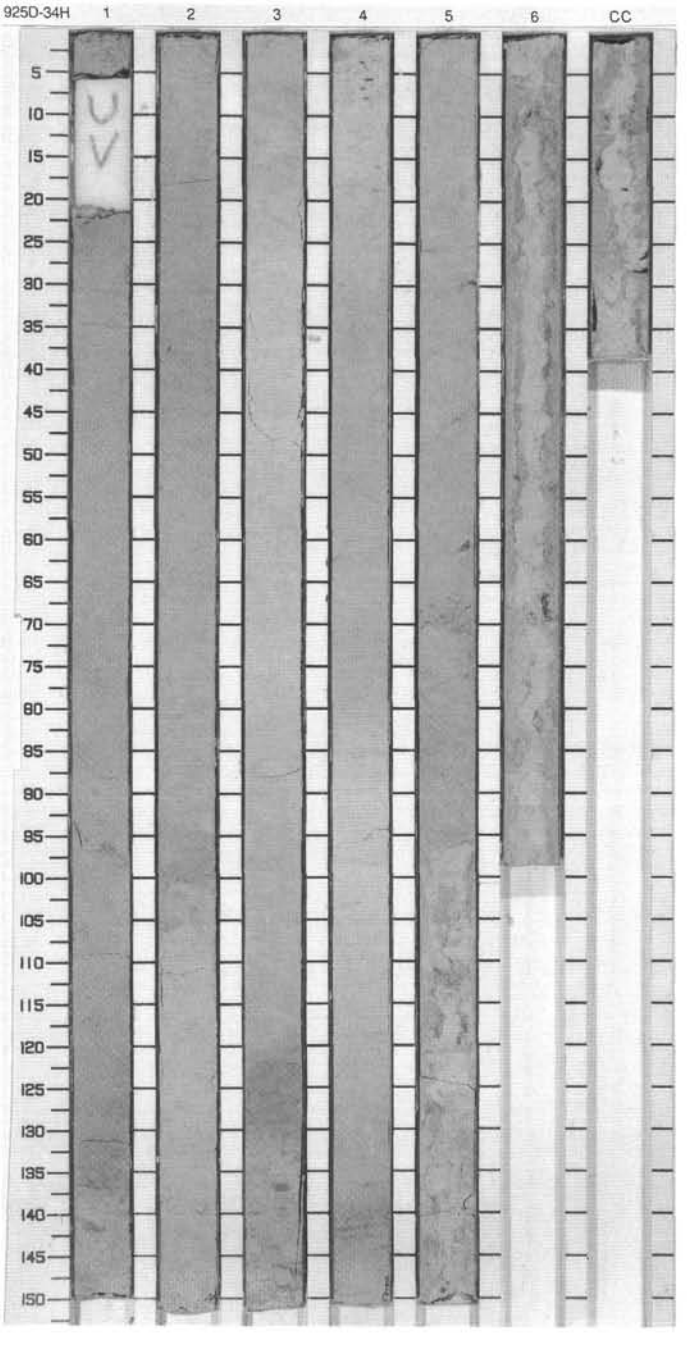


SITE 925 HOLE D CORE 33H CORED 306.5 - 316.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20	0 25	0 10 20	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 CC	middle Miocene			S S M	7.5GY 7/1	FORAMINIFER NANNOFOSSIL CHALK General Description: This core contains light gray (7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK. Thin zones of greenish gray (5G 5/1 to 5GY 5/1) CLAYEY NANNOFOSSIL CHALK occur throughout the core. The core is slightly bioturbated in general and moderately bioturbated in the clayey zones. Slumping structures such as convolute beddings and microfaults are present in Section 1 at 95 to 127 cm and in Section 3 at 50 and 90 cm. Moderate drilling disturbance in the form of biscuits flow-in features occurs in Section 2 from 90 to 112 cm.

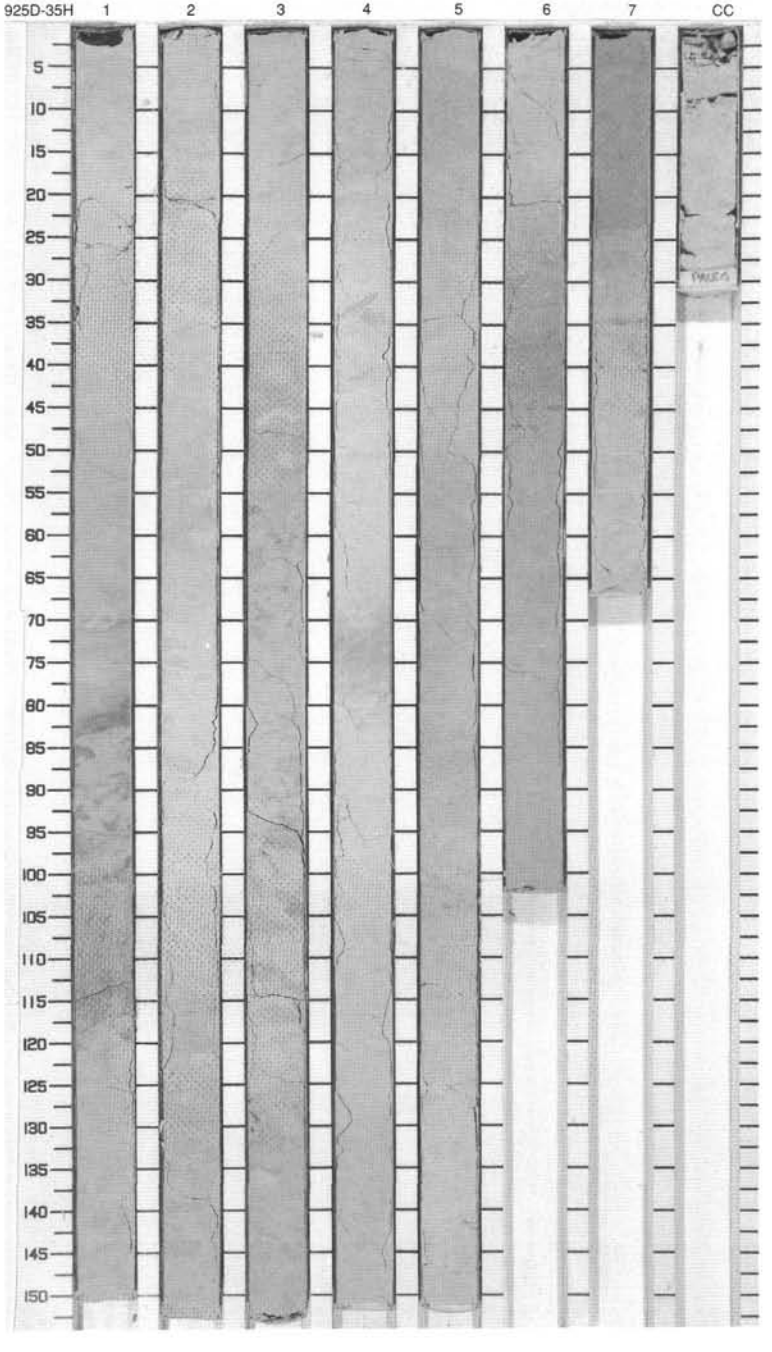



SITE 925 HOLE D CORE 34H
CORED 316.0 - 325.5 mbsf
Natural gamma ray[1]
Reflectance (%) (550 nm)
Magnetic susceptibility[2]
Meter
Graphic Lith.
Section
Age
Structure
Disturb
Sample
Color
Description
Void
middle Miocene
S
M
10GY 6/1 To 7.5GY 7/1
CLAYEY NANNOFOSSIL CHALK WITH FORAMINIFERS and NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS
General Description:
This core contains alternating beds of light gray (7.5GY 7/1) NANNOFOSSIL CHALK WITH CLAY AND FORAMINIFERS and dark gray (10GY 6/1) CLAYEY NANNOFOSSIL CHALK WITH FORAMINIFERS. Drilling disturbance (biscuiting and flow-in structures) occur in Sections 2, 3, and 5 to CC. The undisturbed sediment is slightly bioturbated and mottled.

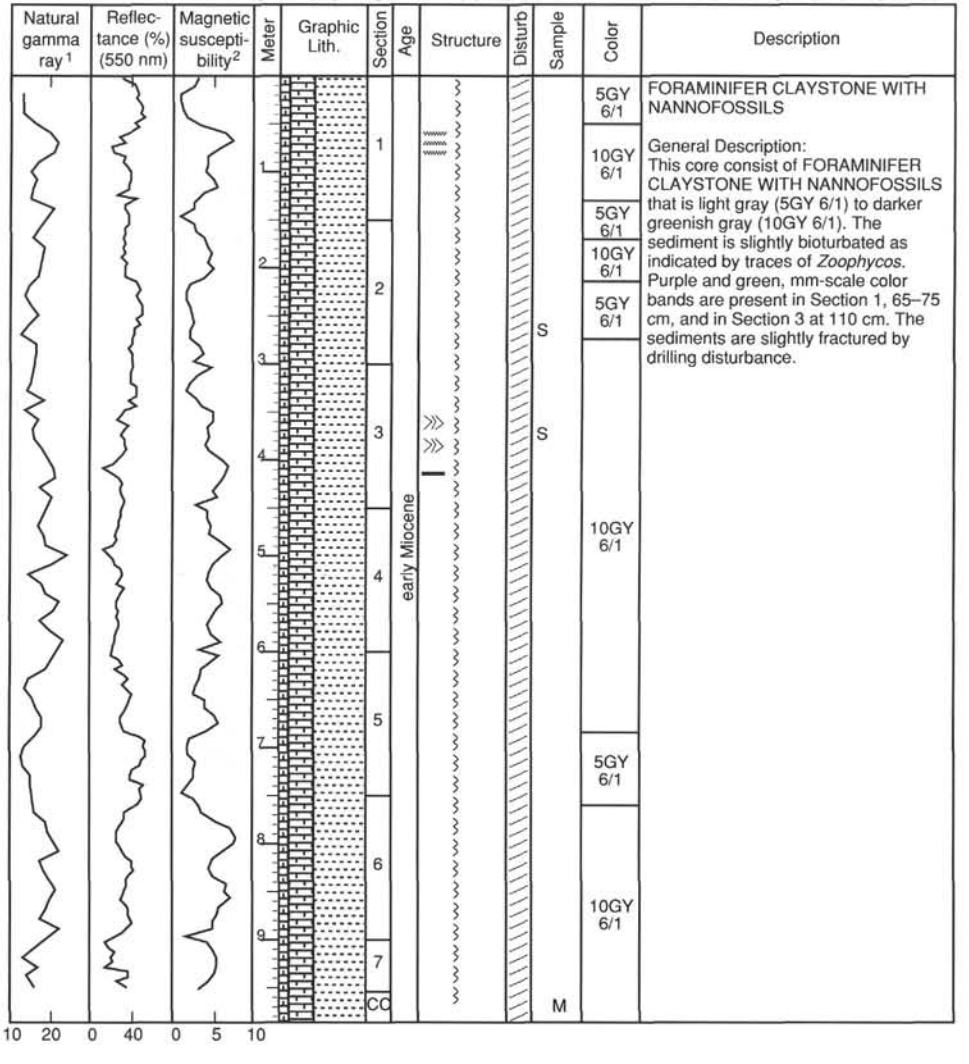

925D-34H
1
2
3
4
5
6
CC
U
V

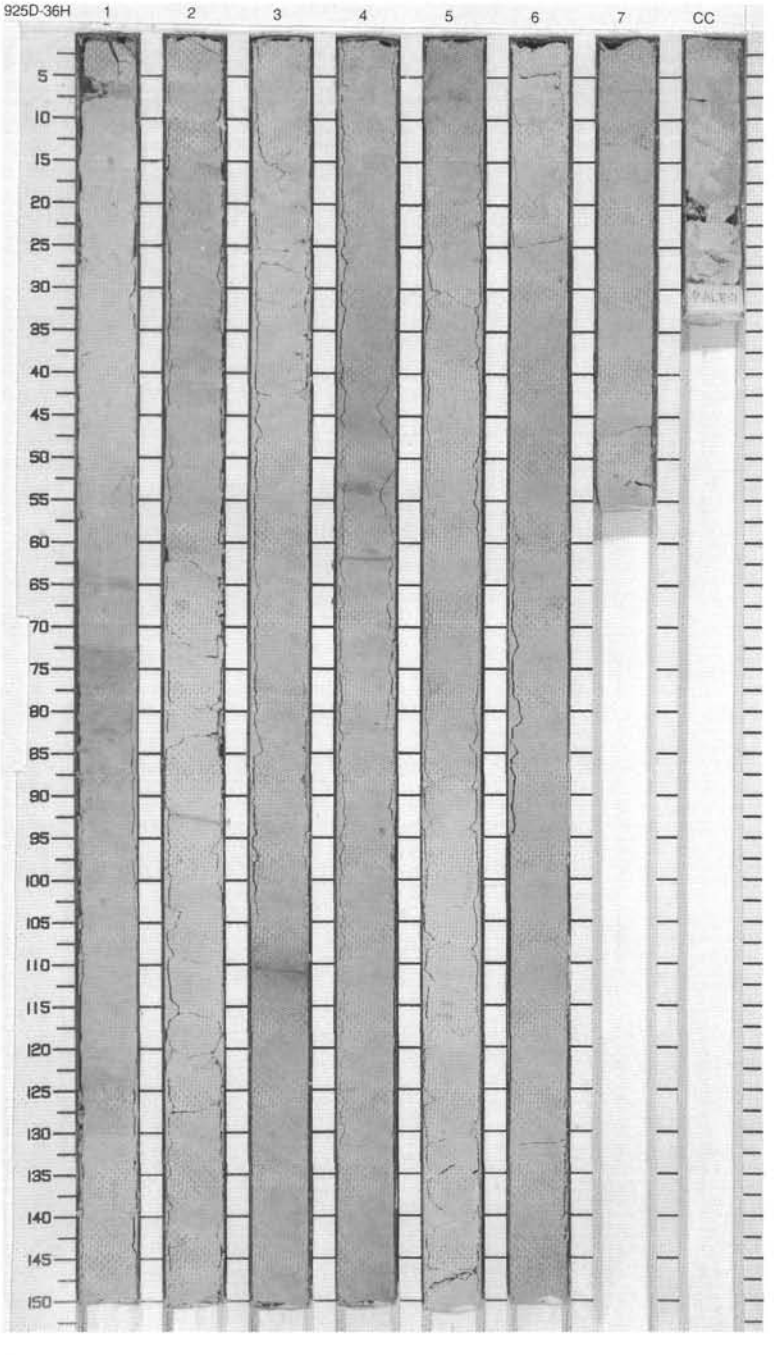
SITE 925 HOLE D CORE 35H CORED 325.5 - 335.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 10 20	1–9		1–7, CC	early Miocene			S, M	10GY 7/2; 7.5GY 6/1; 10GY 7/2; 7.5GY 6/1; 10GY 7/2; 10GY 7/2 To 7.5GY 6/1; 10GY 7/2; 7.5GY 6/1; 10GY 7/2; 7.5GY 6/1	NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and CLAYSTONE WITH FORAMINIFERS AND NANNOFOSSILS General Description: *This core contains light greenish gray* (7.5GY 6/1) NANNOFOSSIL CHALK WITH FORAMINIFERS AND CLAY and darker gray (10GY 7/2) CLAYSTONE WITH FORAMINIFERS AND NANNOFOSSILS. Sections 1, 2, and 3 are heavily drilling disturbed (flow-in structures and biscuits), Sections 4, 5, and CC are moderately disturbed, and Sections 6, and 7 are slightly disturbed. The lower sections are slightly bioturbated and mottled. Green, mm-scale laminae occur in Section 7, 35–40 cm. A sharp color contact is present in Section 7 at 23 cm.



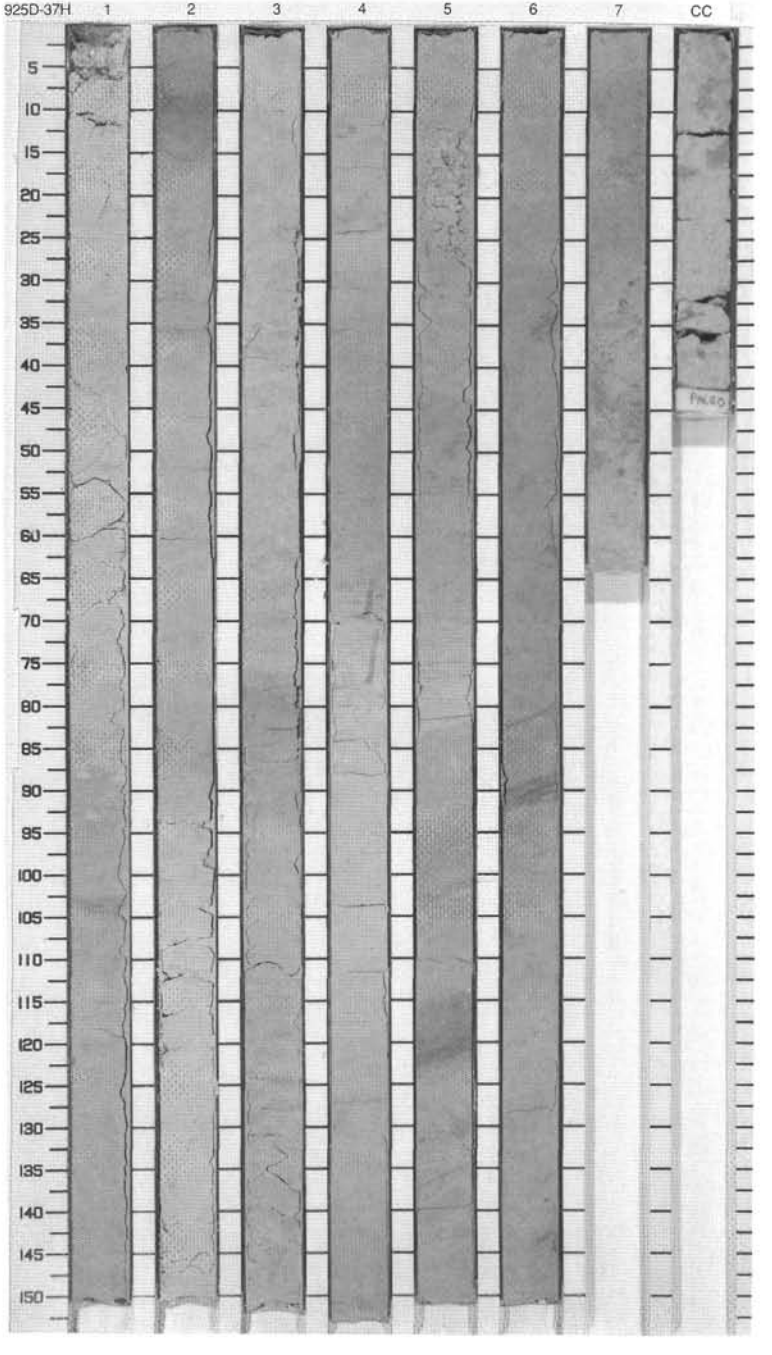
SITE 925 HOLE D CORE 36H CORED 335.0 - 344.5 mbsf



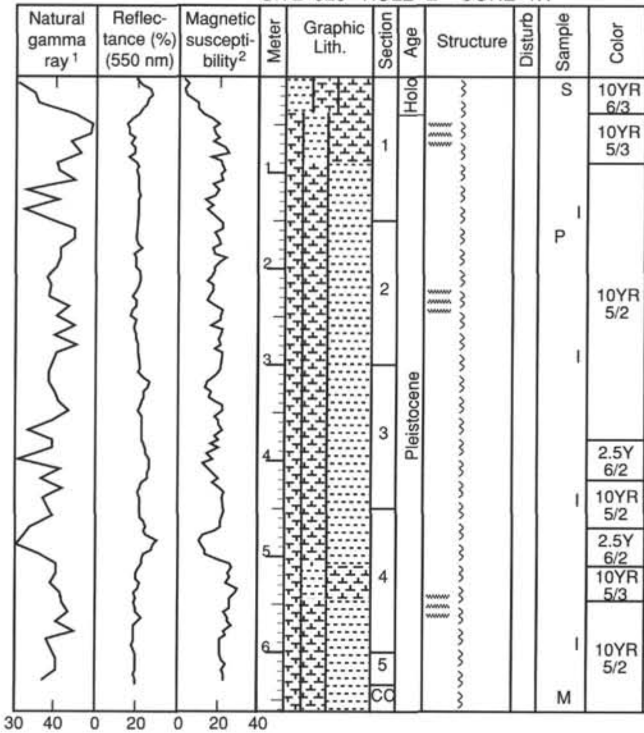


SITE 925 HOLE D CORE 37H CORED 344.5 - 354.0 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
10 20	0 40	0 5 10	1–10		1–7, CC	early Miocene	P		S, M	7.5GY 7/1; 10GY 6/1; 7.5GY 7/1; 10GY 6/1; 7.5GY 7/1; 10GY 6/1	FORAMINIFER NANNOFOSSIL CHALK WITH CLAY General Description: This core contains light greenish gray (10GY 6/1 to 7.5GY 7/1) FORAMINIFER NANNOFOSSIL CHALK WITH CLAY in thick beds with very gradational contacts. There is slight to moderate bioturbation and mottling throughout the core. Slight to severe drilling disturbance occurs throughout the upper six sections. Section 7 and the core catcher contain only flow-in. *Zoophycos* trace fossils and dark color bands occur frequently in all sections, and there are infrequent *Chondrites* traces and vertical burrows.



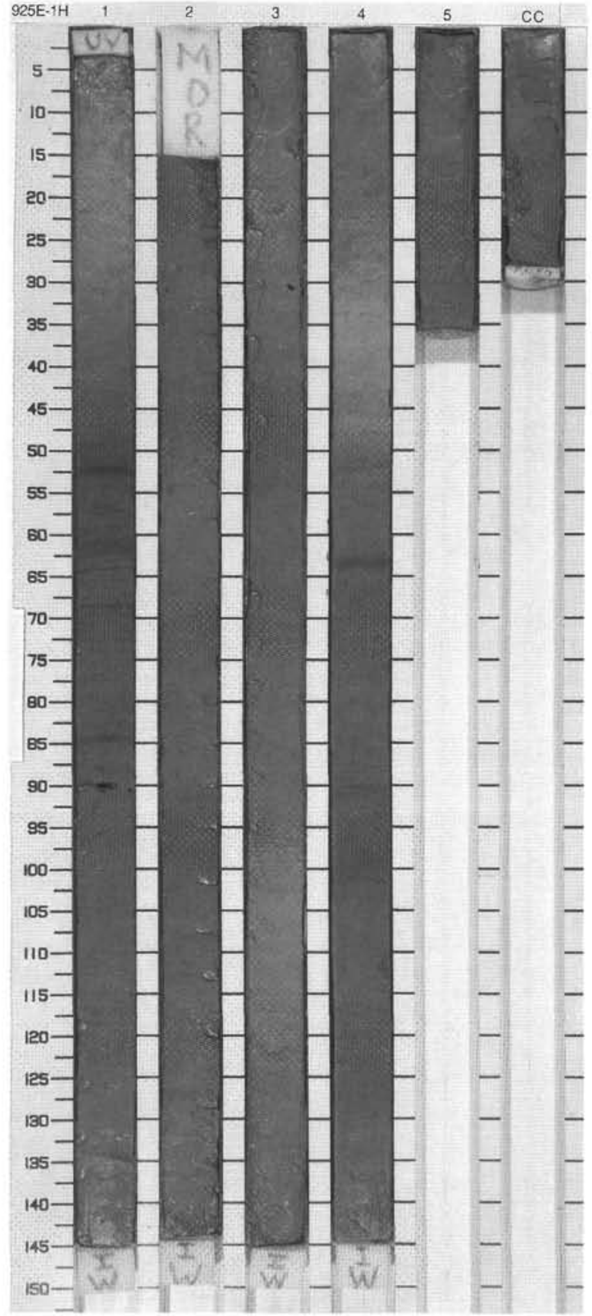
SITE 925 HOLE E CORE 1H CORED 0.0 - 7.0 mbsf



Description

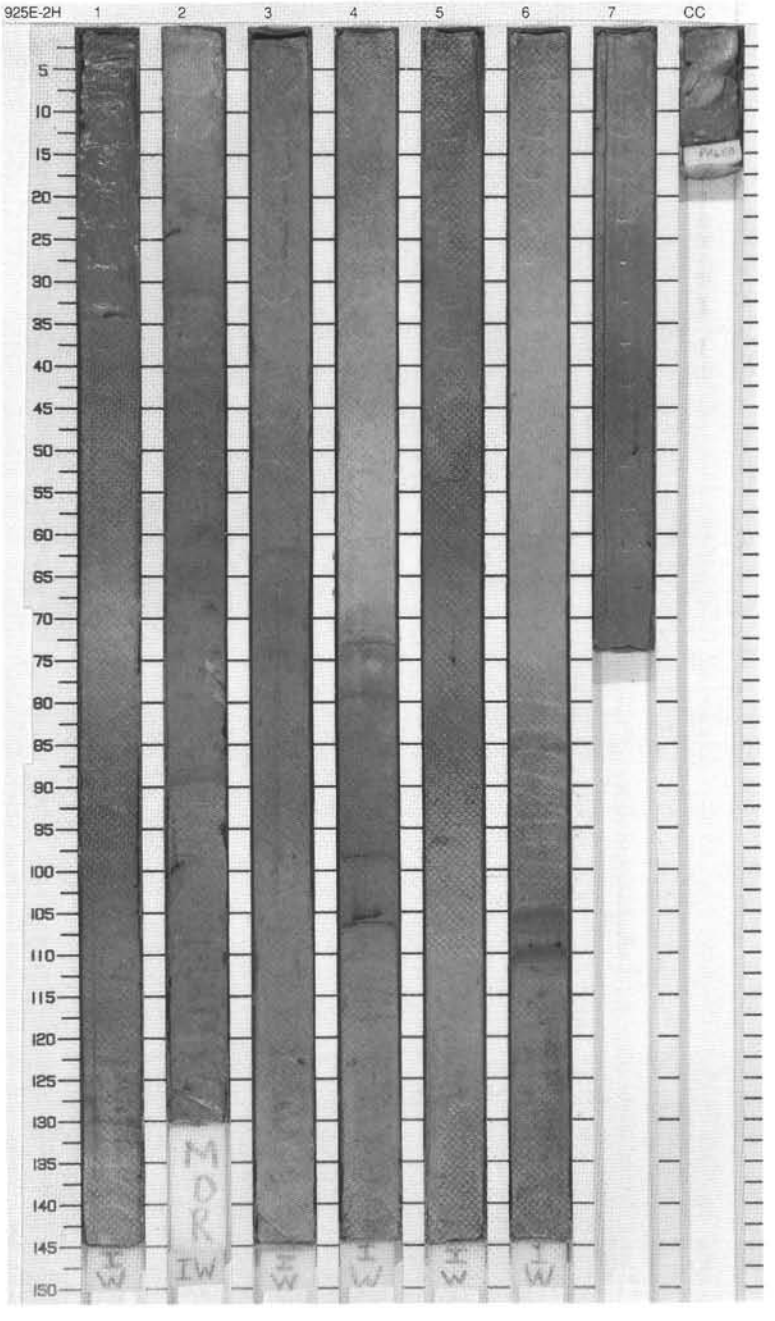
FORAMINIFER OOZE WITH NANNOFOSSILS AND CLAY, CLAYEY FORAMINIFER OOZE WITH NANNOFOSSILS and NANNOFOSSIL CLAY WITH FORAMINIFERS AND FE OXIDES

General Description:
This core contains light brownish (10YR 6/3) FORAMINIFER OOZE WITH NANNOFOSSILS AND CLAY in the uppermost part of the core. In this part pteropod shells are present. Below that layer, and also at Section 4, 60–90 cm, a brownish gray (10YR 5/3) CLAYEY FORAMINIFER OOZE WITH NANNOFOSSILS occurs. The main part of the core contains a uniform grayish brown (10YR 5/2) NANNOFOSSIL CLAY WITH FORAMINIFERS AND FE-OXIDES. Yellow color bands are present in several sections of the core. The entire core is slightly bioturbated.

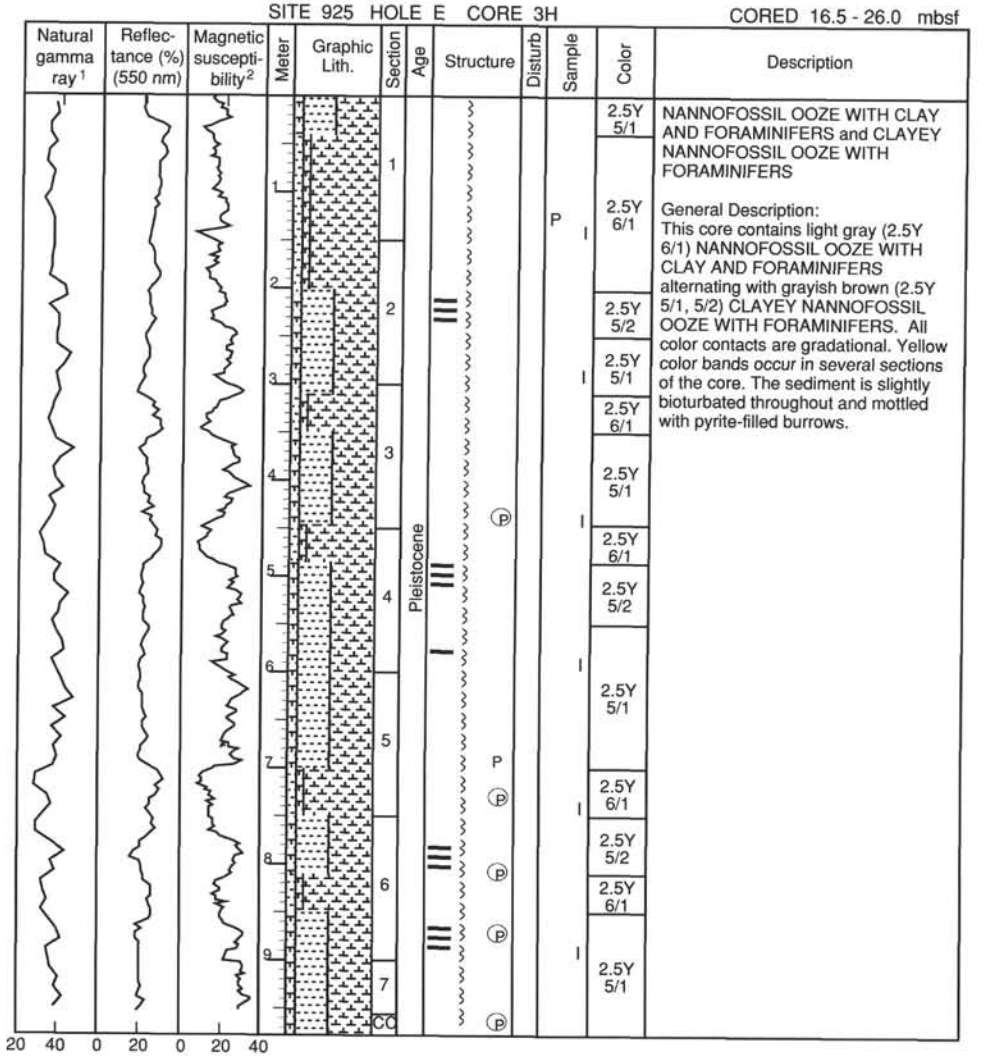


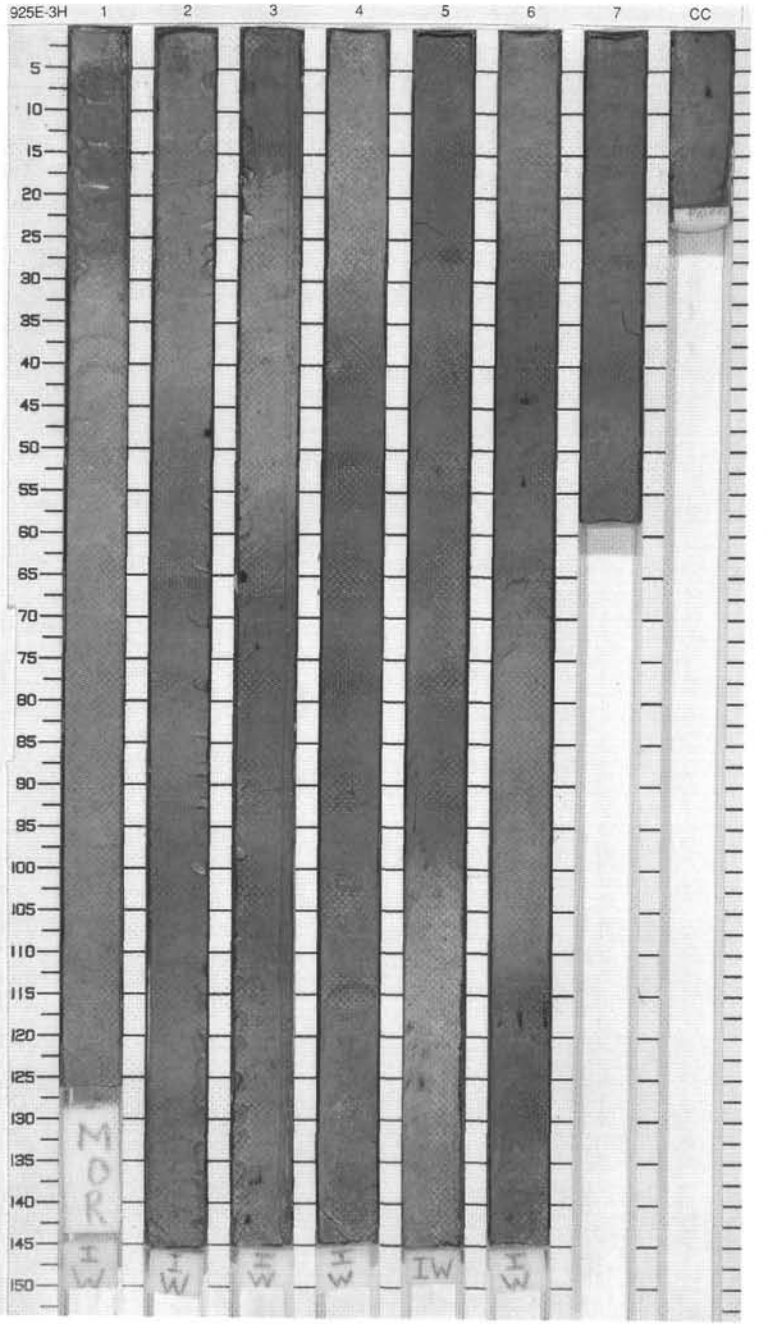
SITE 925 HOLE E CORE 2H CORED 7.0 - 16.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
20 40	0 20	0 20 40			1 2 3 4 5 6 7 CC	Pleistocene				2.5Y 5/2 2.5Y 6/2 2.5Y 5/2 2.5Y 6/2 2.5Y 5/2 2.5Y 6/2 2.5Y 5/2	NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains light gray (2.5Y 6/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS alternating with grayish brown (2.5Y 5/2) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. All color contacts are gradational. Yellow color bands occur in several sections of the core. The sediment is slightly bioturbated throughout and mottled with pyrite-filled burrows. The uppermost part of the core is soupy due to coring disturbance.

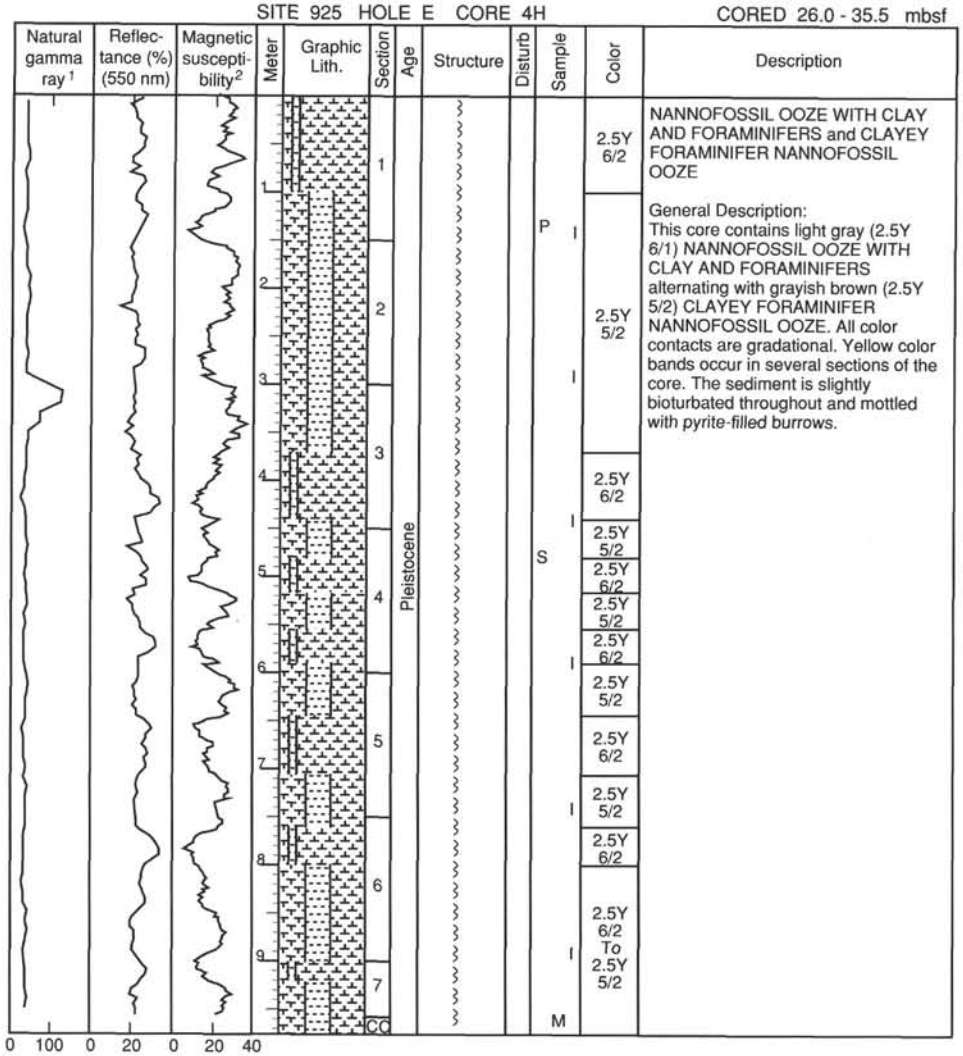


SITE 925 HOLE E CORE 3H CORED 16.5 - 26.0 mbsf



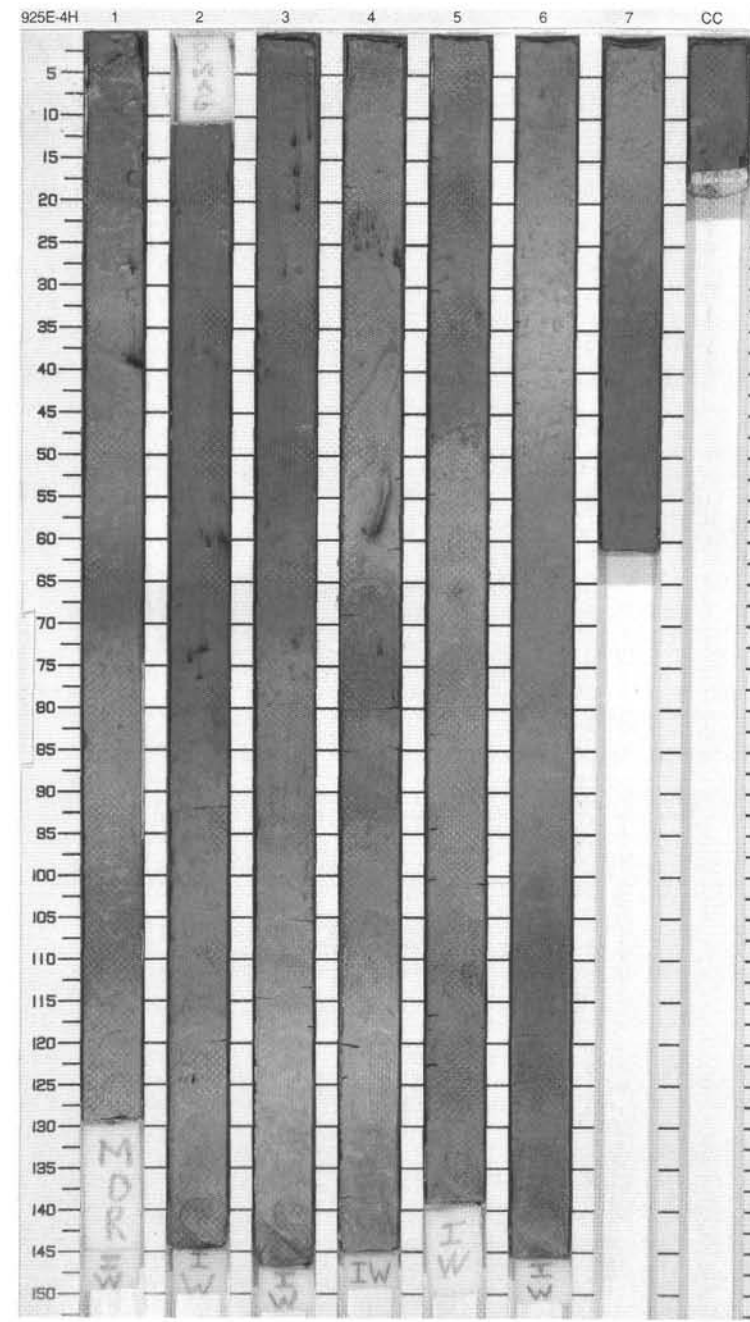


SITE 925 HOLE E CORE 4H CORED 26.0 - 35.5 mbsf



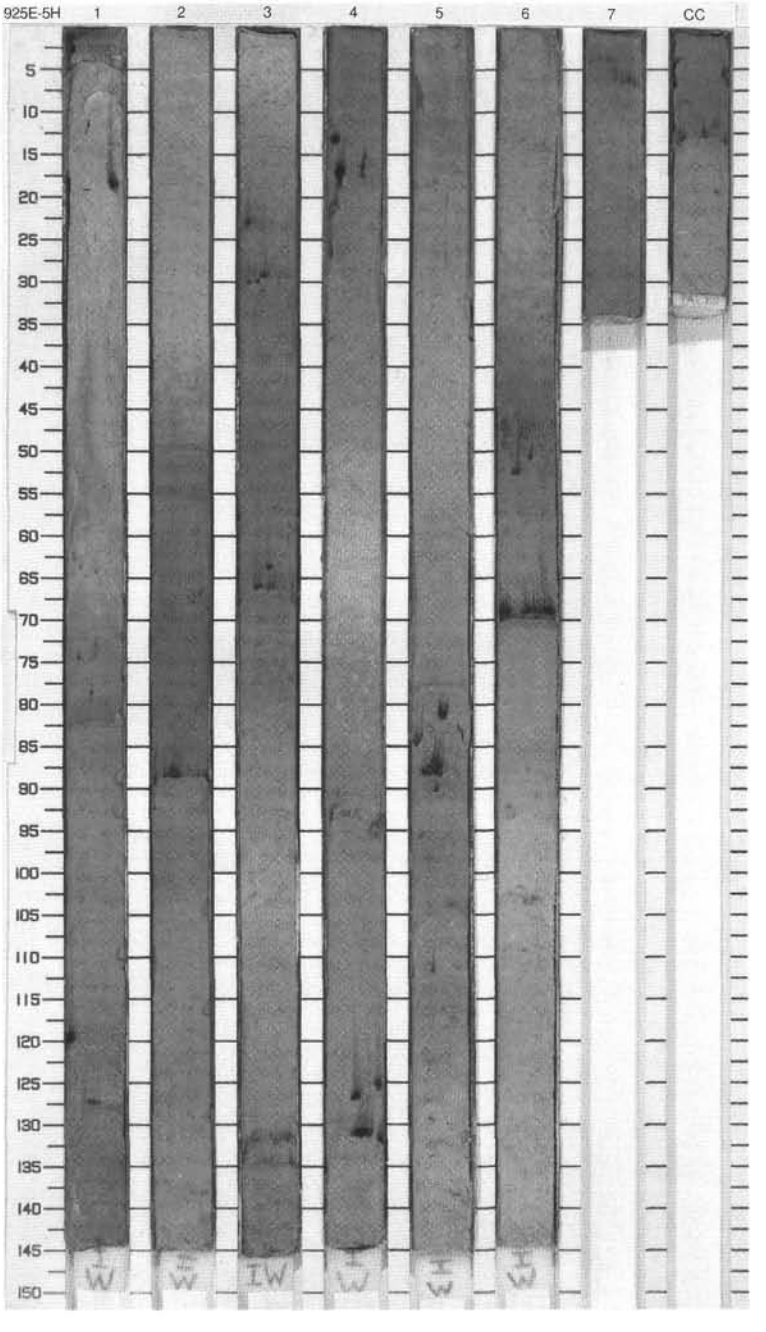
NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS and CLAYEY FORAMINIFER NANNOFOSSIL OOZE

General Description:
This core contains light gray (2.5Y 6/1) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS alternating with grayish brown (2.5Y 5/2) CLAYEY FORAMINIFER NANNOFOSSIL OOZE. All color contacts are gradational. Yellow color bands occur in several sections of the core. The sediment is slightly bioturbated throughout and mottled with pyrite-filled burrows.



SITE 925 HOLE E CORE 5H CORED 35.5 - 45.0 mbsf

Reflectance (%) (550 nm)	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20 40	1–9		1–7, CC	Pleistocene	P		I, M	5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1; 5Y 6/1; 2.5Y 5/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS General Description: This core contains light gray (5Y 6/1) to grayish brown (2.5Y 5/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS. All color contacts are gradational. Reddish yellow color bands occur in several sections. The sediment is slightly bioturbated and mottled with pyrite-filled burrows throughout.



SITE 925 HOLE E CORE 6H CORED 45.0 - 54.5 mbsf

Natural gamma ray[1]	Reflectance (%) (550 nm)	Magnetic susceptibility[2]	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 50	0 20	0 50 100	1–9		1	Pleistocene	P		I	2.5Y 5/1	CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS
										2.5Y 6/1	
							P			2.5Y 5/1	General Description: This core contains grayish brown (2.5Y 5/2, 5/1) and light brownish gray (2.5Y 6/1) CLAYEY NANNOFOSSIL OOZE WITH FORAMINIFERS that is slightly bioturbated and mottled with pyrite-filled burrows throughout the core.
					2				P	2.5Y 6/1	
										2.5Y 5/1	
					3		Ⓟ		I	2.5Y 6/1	
										2.5Y 5/1	
					4				I	2.5Y 6/1 To 2.5Y 5/2	
					5					2.5Y 5/1	
									I	2.5Y 6/1	
					6		P		S	2.5Y 5/1	
					7				I	2.5Y 6/1 To 2.5Y 5/2	
					CC		P		M