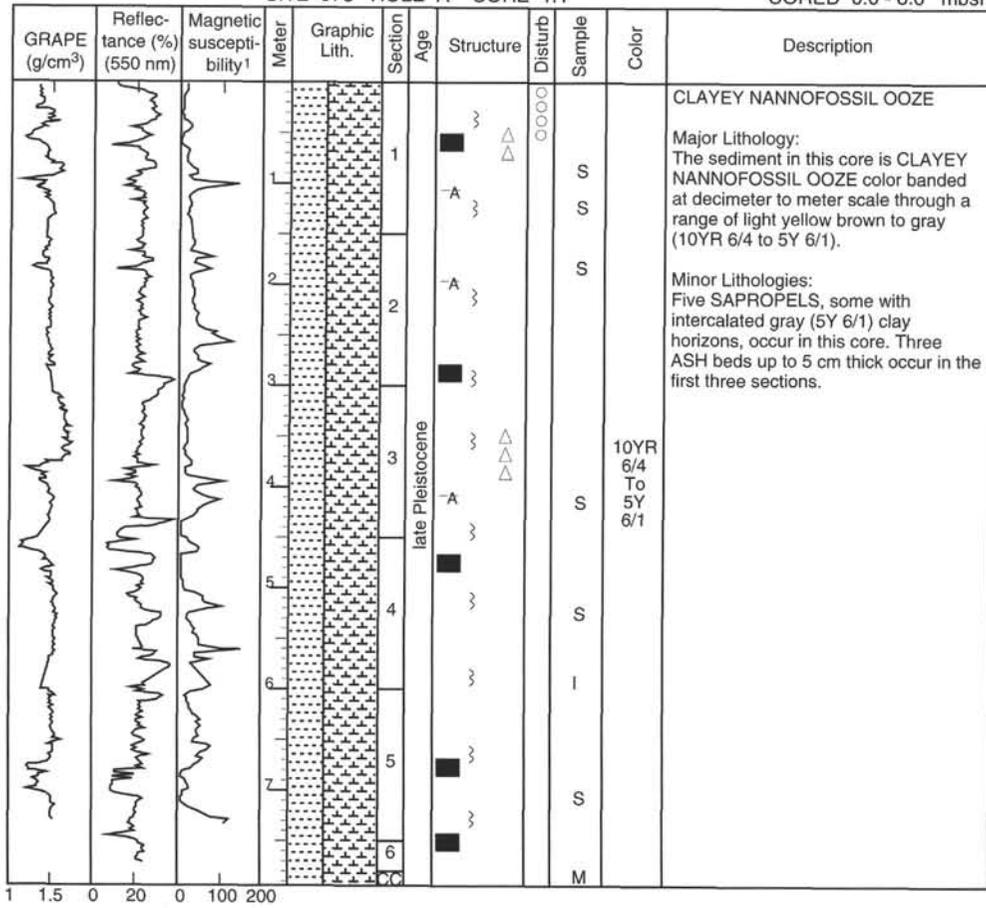
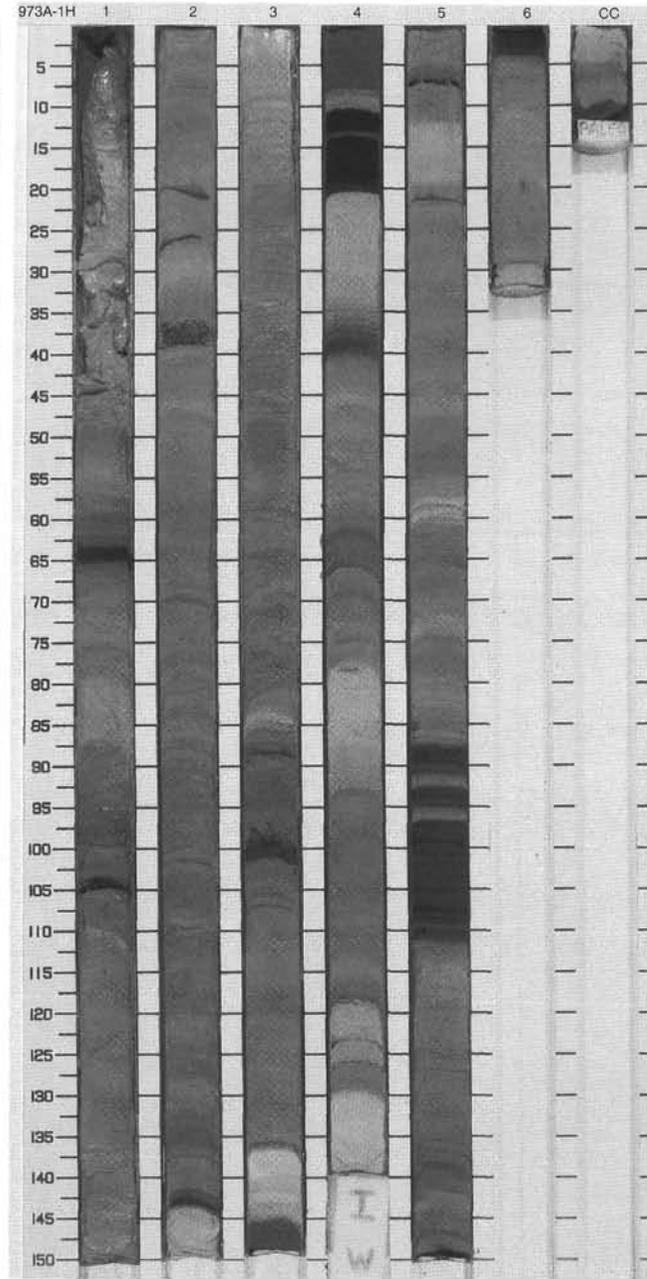


SITE 973 HOLE A CORE 1H

CORED 0.0 - 8.0 mbsf

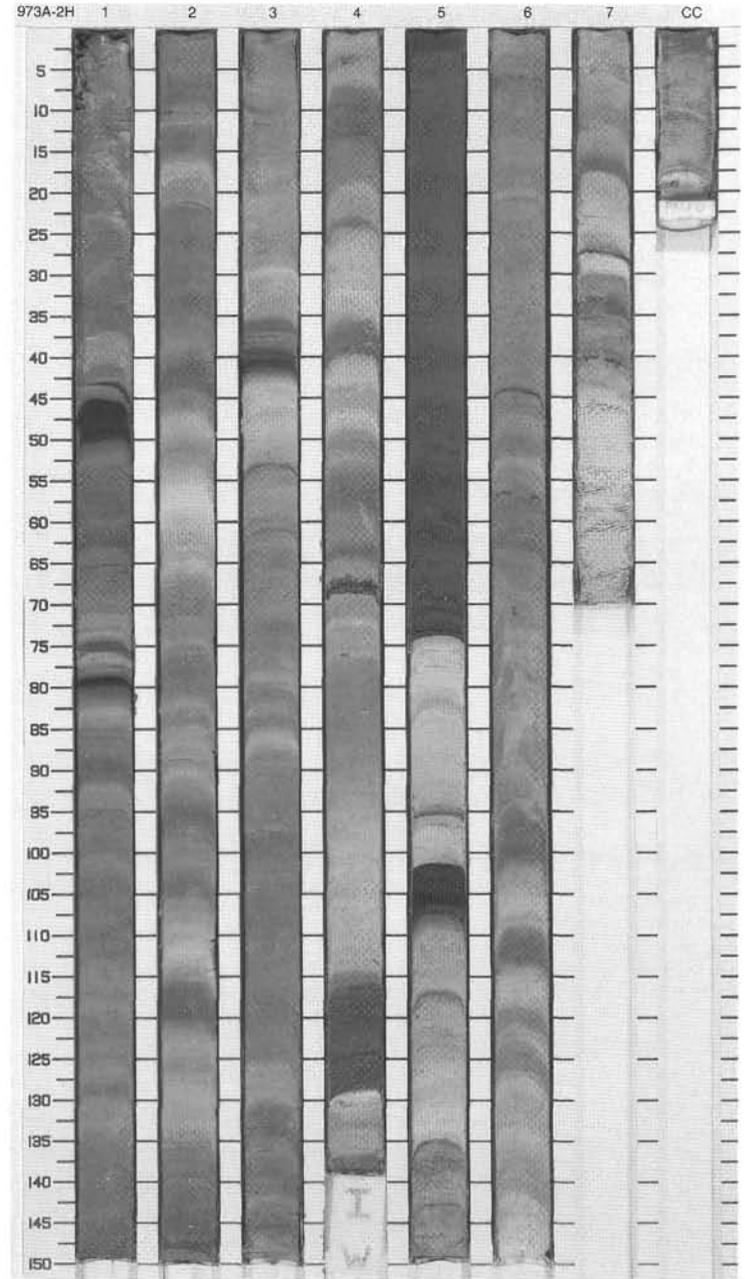
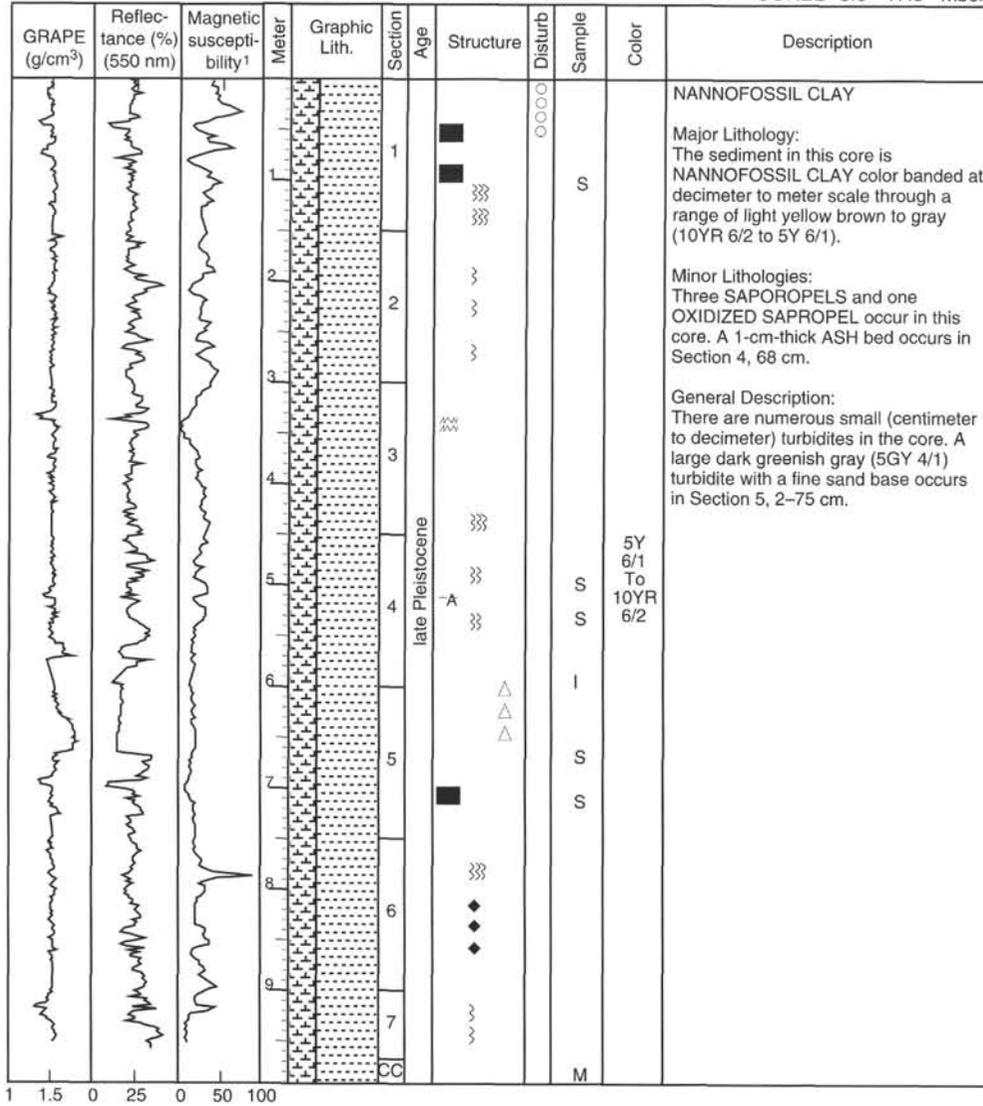


¹Instrument units.



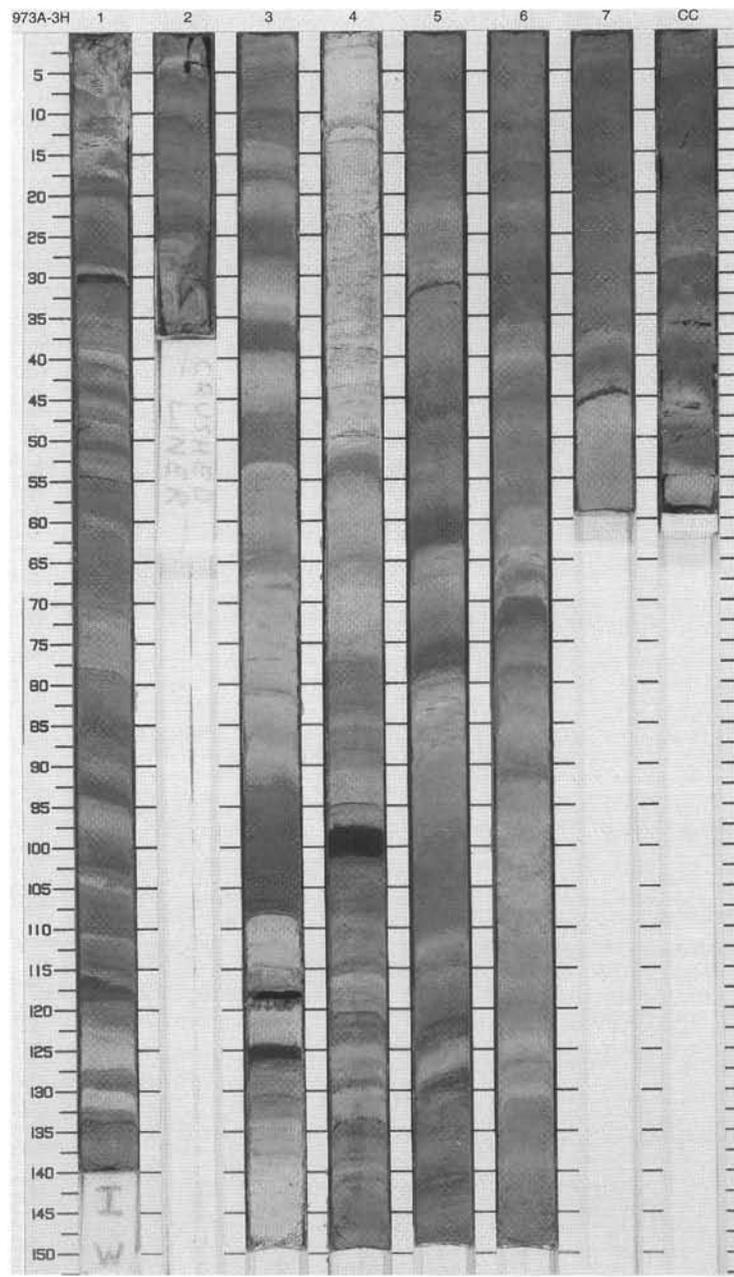
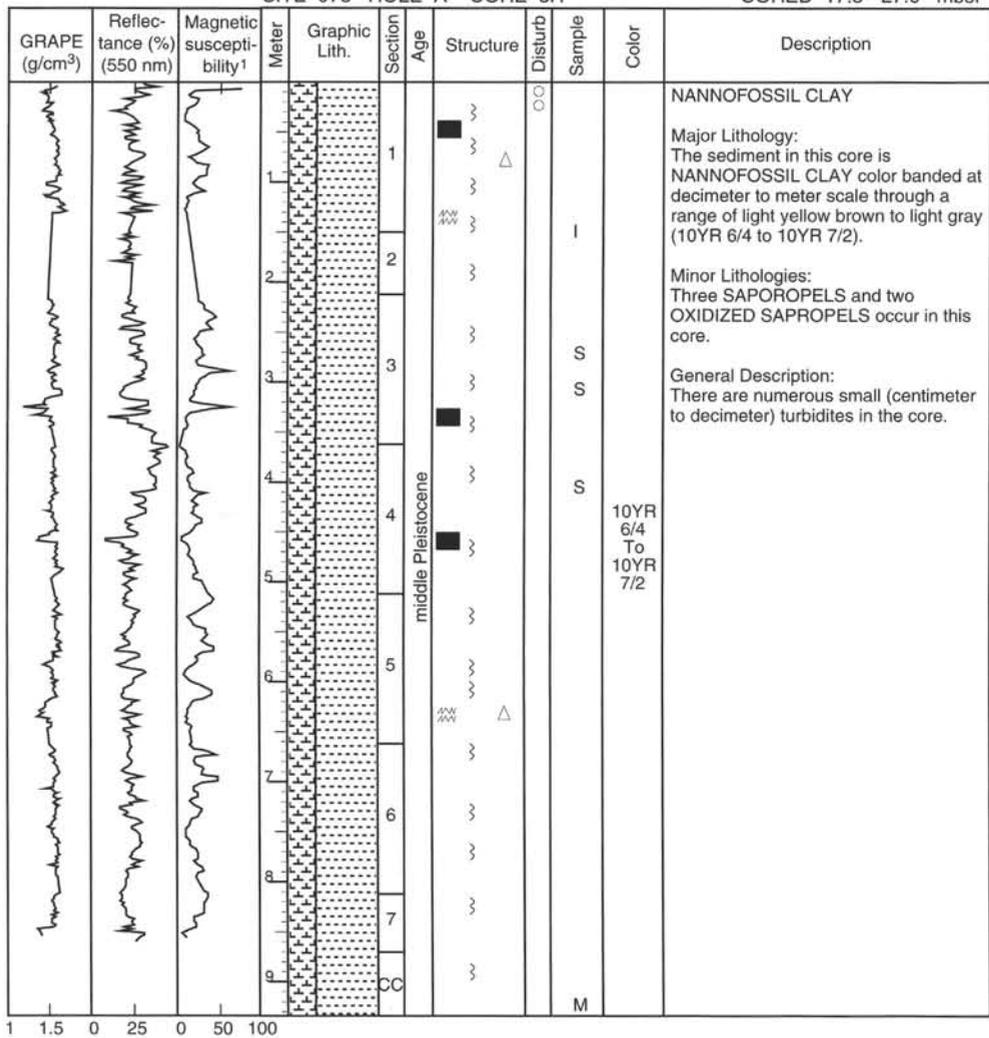
SITE 973 HOLE A CORE 2H

CORED 8.0 - 17.5 mbsf

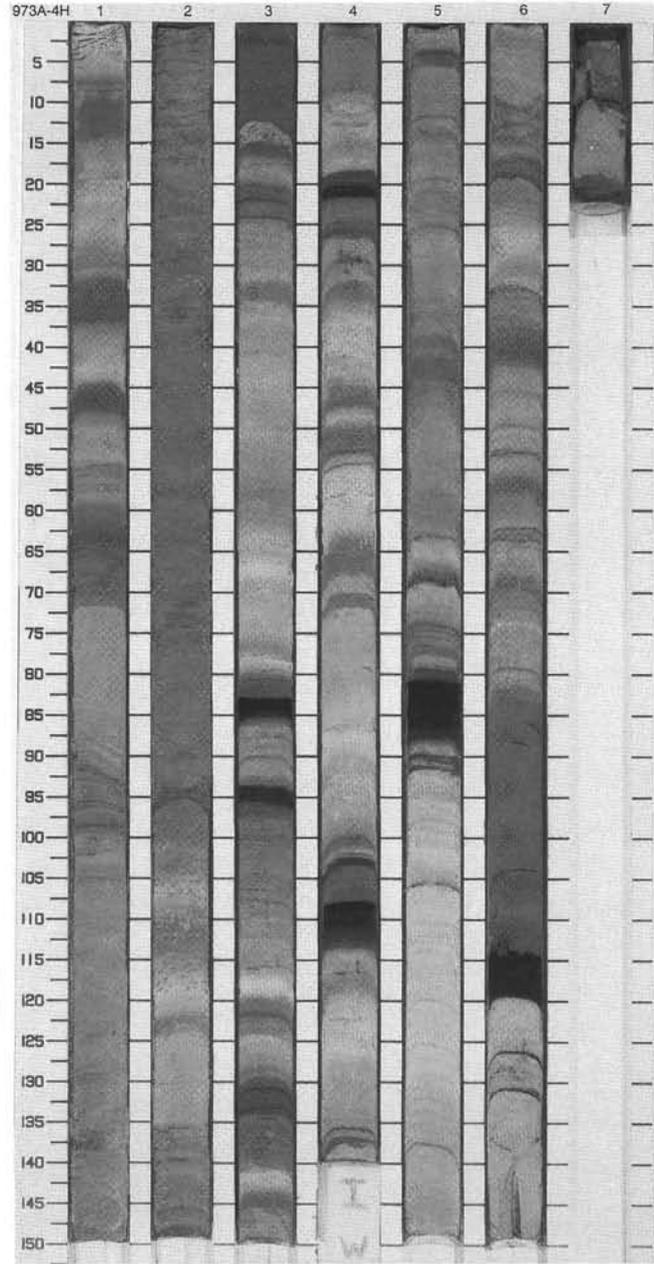
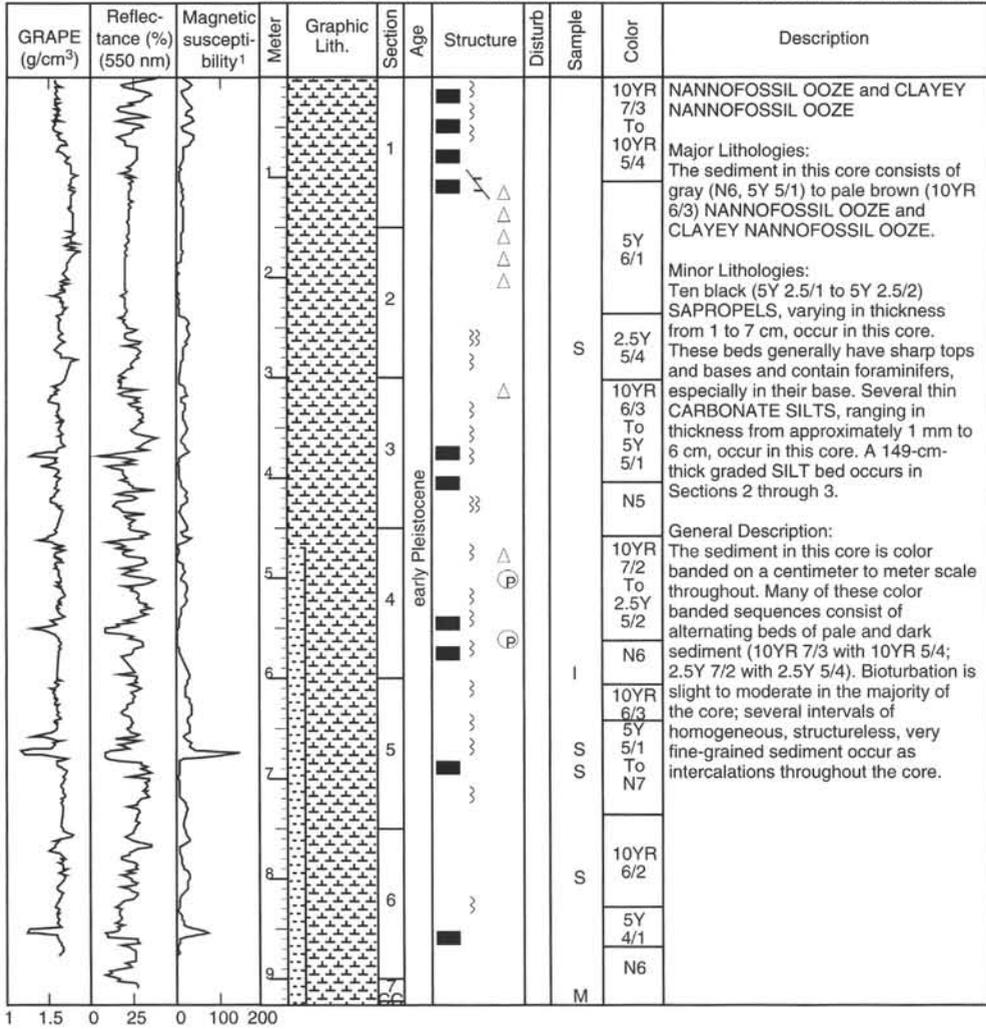


SITE 973 HOLE A CORE 3H

CORED 17.5 - 27.0 mbsf

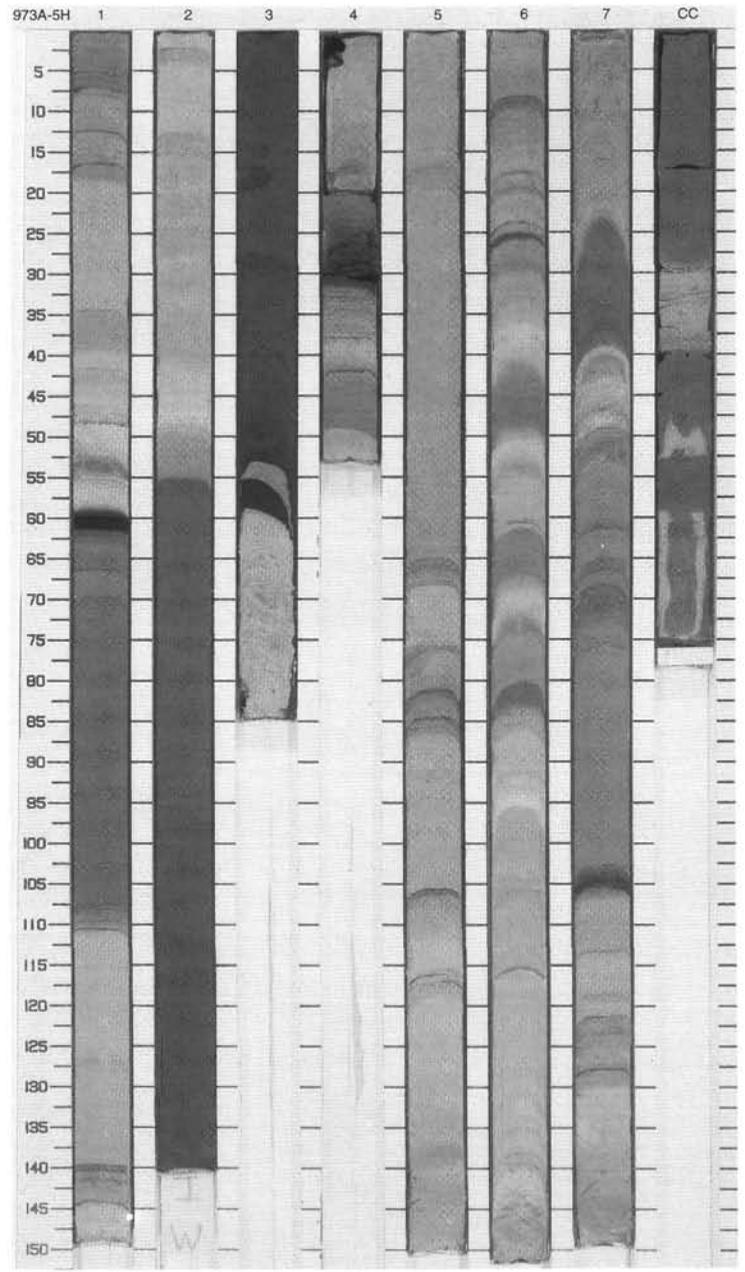
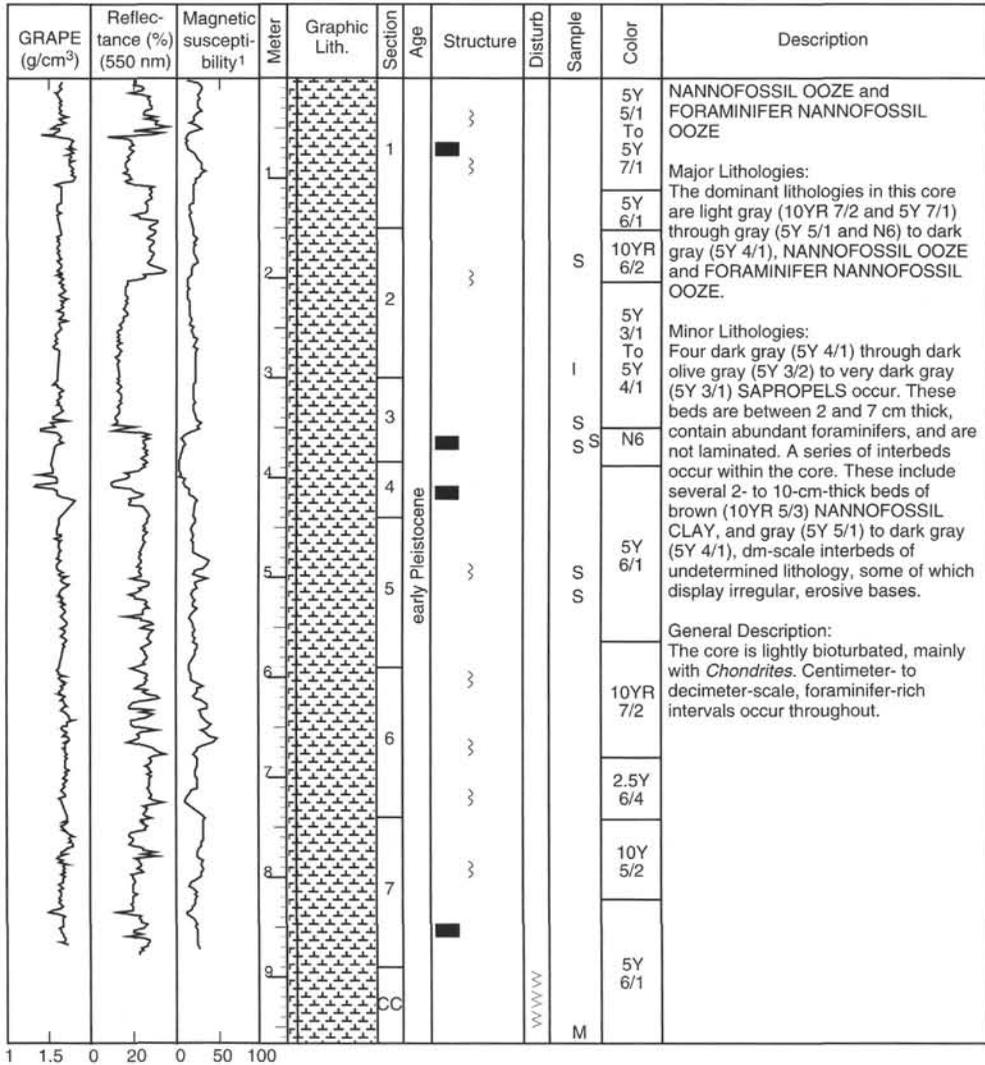


SITE 973 HOLE A CORE 4H CORED 27.0 - 36.5 mbsf



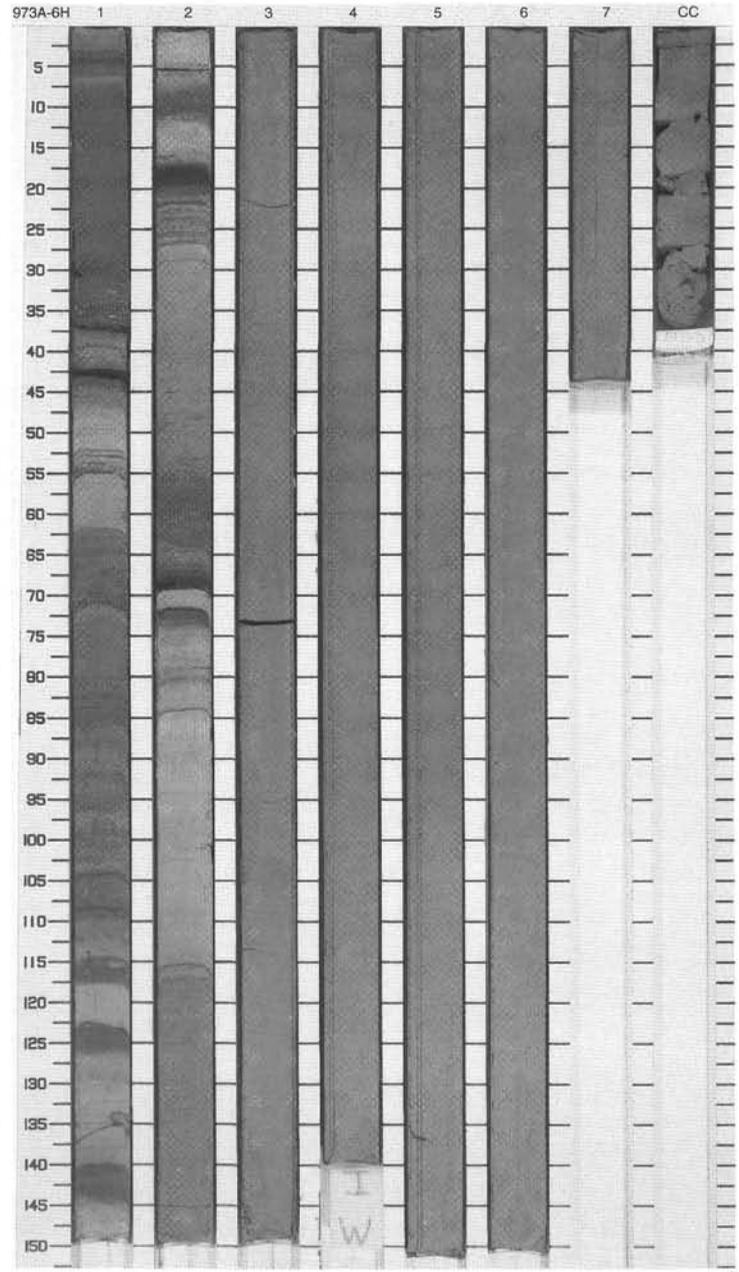
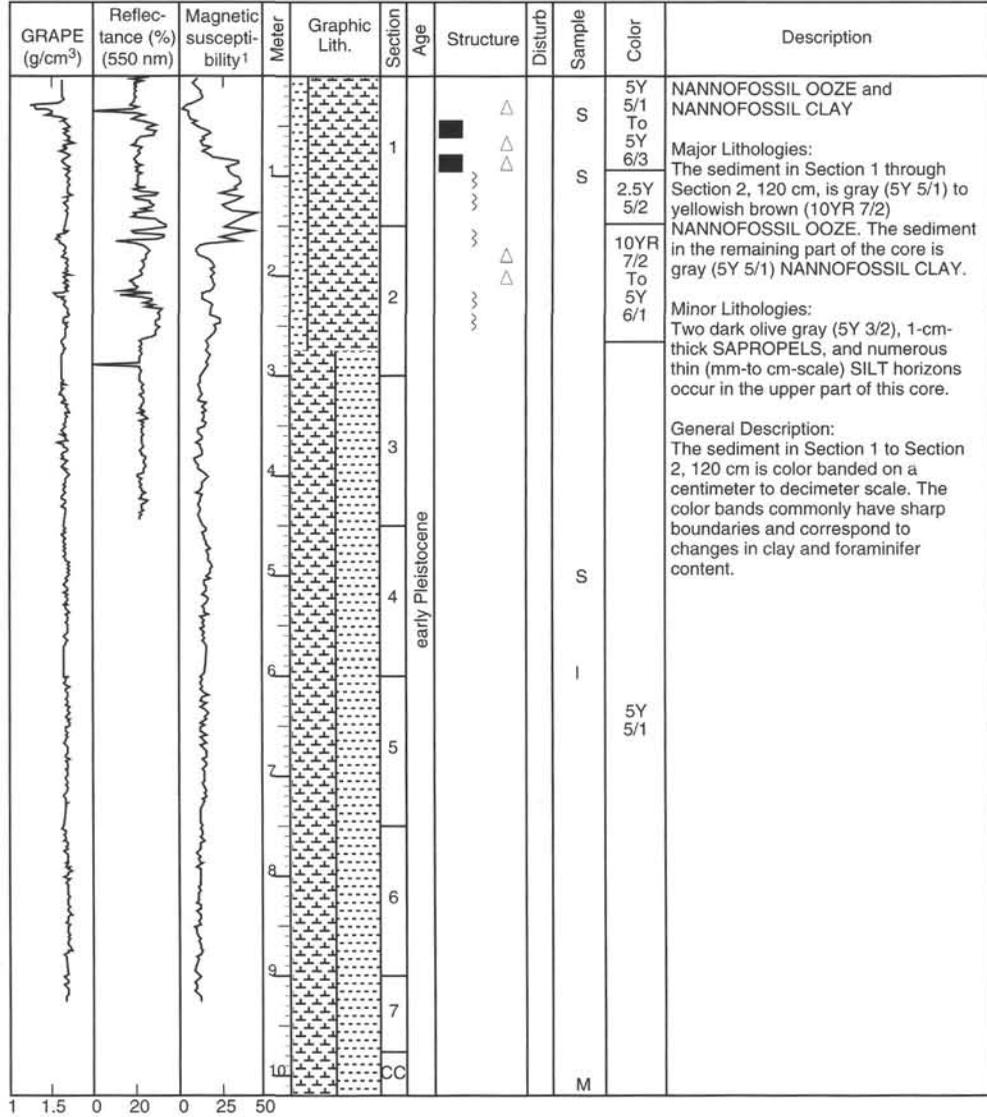
SITE 973 HOLE A CORE 5H

CORED 36.5 - 46.0 mbsf



SITE 973 HOLE A CORE 6H

CORED 46.0 - 55.5 mbsf



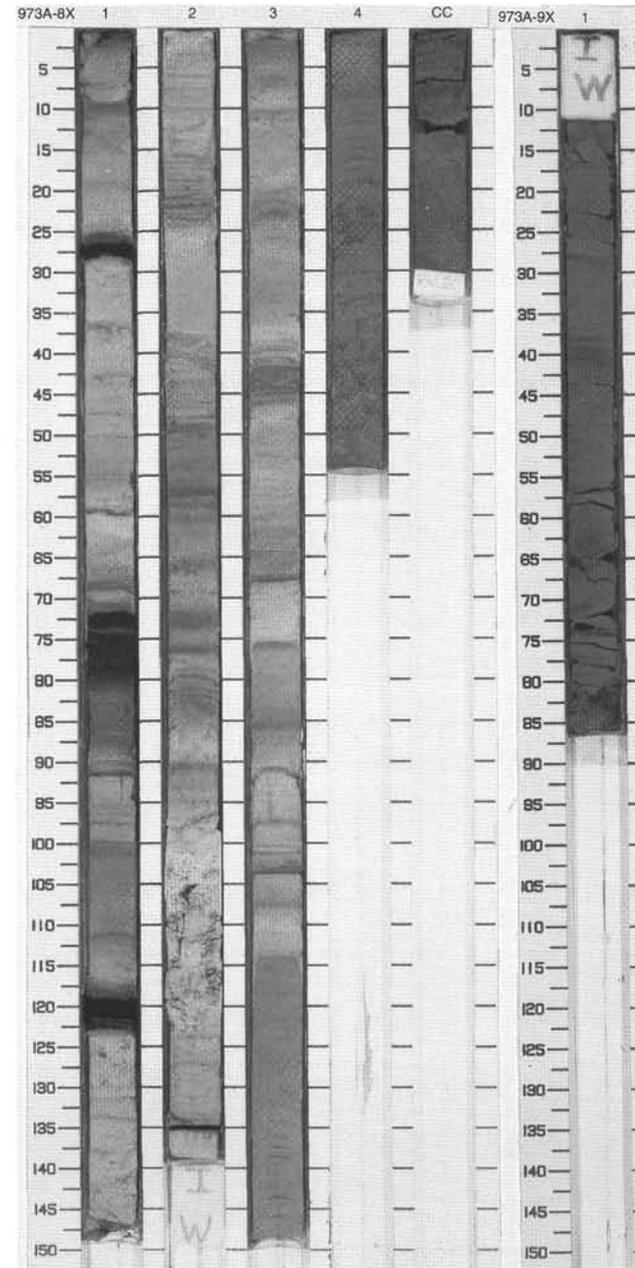
SITE 973 HOLE A CORE 8X CORED 65.0 - 74.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	late Pleistocene	~ ~ ~		S	10YR 5/3 To 5Y 5/1	<p>NANNOFOSSIL CLAY</p> <p>Major Lithology: The sediment in this core is NANNOFOSSIL CLAY color banded at decimeter to meter scale through a range of browns and grays (10YR 5/3 to 5Y 5/1).</p> <p>Minor Lithologies: Three thin SAPROPELS occur within this core. All have intercalated thin (mm-scale) silt laminae, and generally have sharp contacts.</p> <p>General Description: There are numerous centimeter to decimeter thick, upward-fining cycles in the sediment of this core.</p>
2	[Dotted pattern]	2		~ ~		S		
3	[Dotted pattern]	3		~ ~		S		
4	[Dotted pattern]	4		~ ~		S		
CC		CC		△ △		M		

SITE 973 HOLE A CORE 9X CORED 74.5 - 84.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	[Dotted pattern]	1	early Pleist.		W	I S M	10YR 6/1	<p>SEMI-LITHIFIED SAND</p> <p>Major Lithology: The sediment in this core is gray (10YR 6/1) with intervals of dark gray (10YR 4/1) and very dark gray (10YR 3/1) laminated, fine- to medium-grained, SEMI-LITHIFIED SAND.</p> <p>Minor Lithologies: The lower part of core includes a very dark gray (10YR 3/1) clay clast. Foraminifers are abundant at the base of the core.</p>

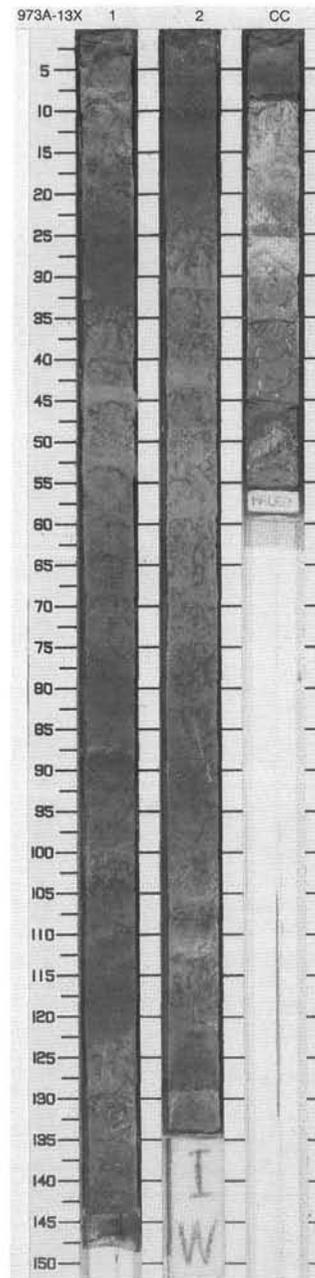
973A 10X THROUGH 11X NO RECOVERY



973A 12X Entire core given to paleontologists.

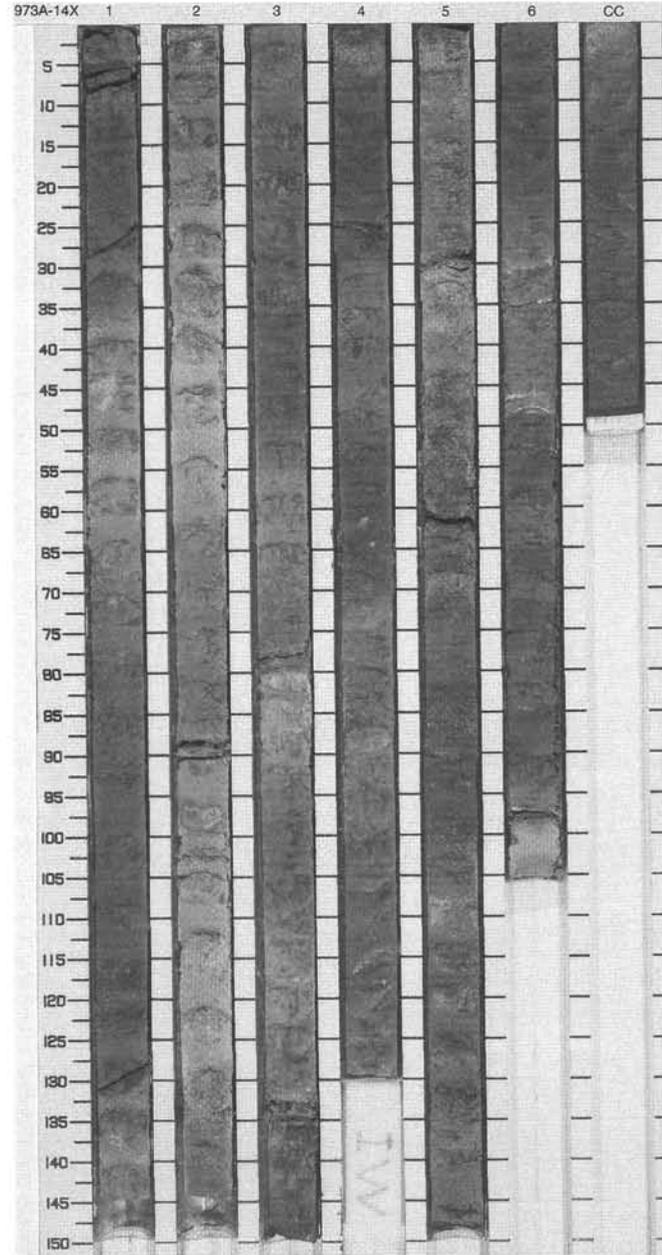
SITE 973 HOLE A CORE 13X CORED 112.9 - 122.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Graphic Lithology: Dotted pattern]	1	Pliocene	}		S	5YR 5/4 To 5YR 7/2	<p>NANNOFOSSIL OOZE and NANNOFOSSIL CLAY</p> <p>Major Lithologies: The sediment in this core is slightly bioturbated NANNOFOSSIL OOZE and NANNOFOSSIL CLAY color banded at decimeter to meter scale through a range of reddish brown (5YR 5/4) and pinkish gray (5YR 7/2).</p> <p>Minor Lithologies: Minor amounts of gypsum occur in small veins throughout the core.</p>
2								
3								
CC								



SITE 973 HOLE A CORE 14X CORED 122.5 - 132.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pliocene	~				<p>NANNOFOSSIL CLAY</p> <p>Major Lithology: The sediment in this core is NANNOFOSSIL CLAY faintly color banded at meter scale through reddish brown and white (5YR 5/4 to 10YR 8/2).</p> <p>General Description: Gypsum occurs throughout the core as small vein fillings, and as thin (mm-to cm-scale), discontinuous beds.</p>
2	[Dotted pattern]	2		~		S		
3	[Dotted pattern]	3		~			5YR 5/4 To 10YR 8/2	
4	[Dotted pattern]	4		~		S		
5	[Dotted pattern]	5		~		I		
6	[Dotted pattern]	6		~				
7	[Dotted pattern]	7		~				
8	[Dotted pattern]	8		~				
9	[Dotted pattern]	CC					M	



SITE 973 HOLE A CORE 15X

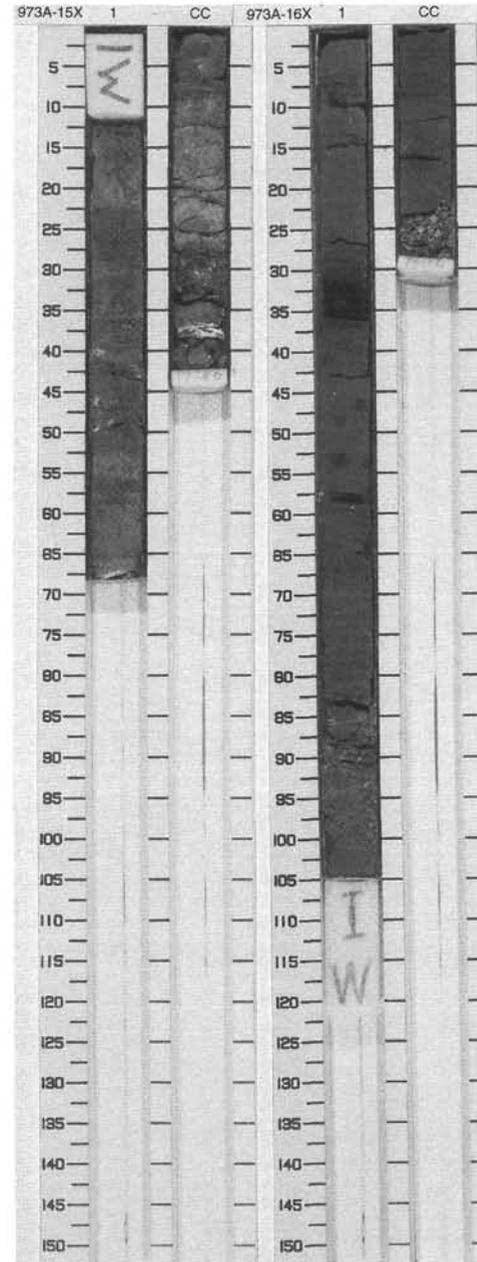
CORED 132.1 - 141.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1 CC	early Pliocene			I M	10YR 6/4	NANNOFOSSIL CLAY Major Lithology: The sediment in this core is light yellowish brown (10YR 6/4) NANNOFOSSIL CLAY. General Description: Gypsum occurs throughout the core as small vein fillings, and as thin (mm-to cm-scale), discontinuous beds.

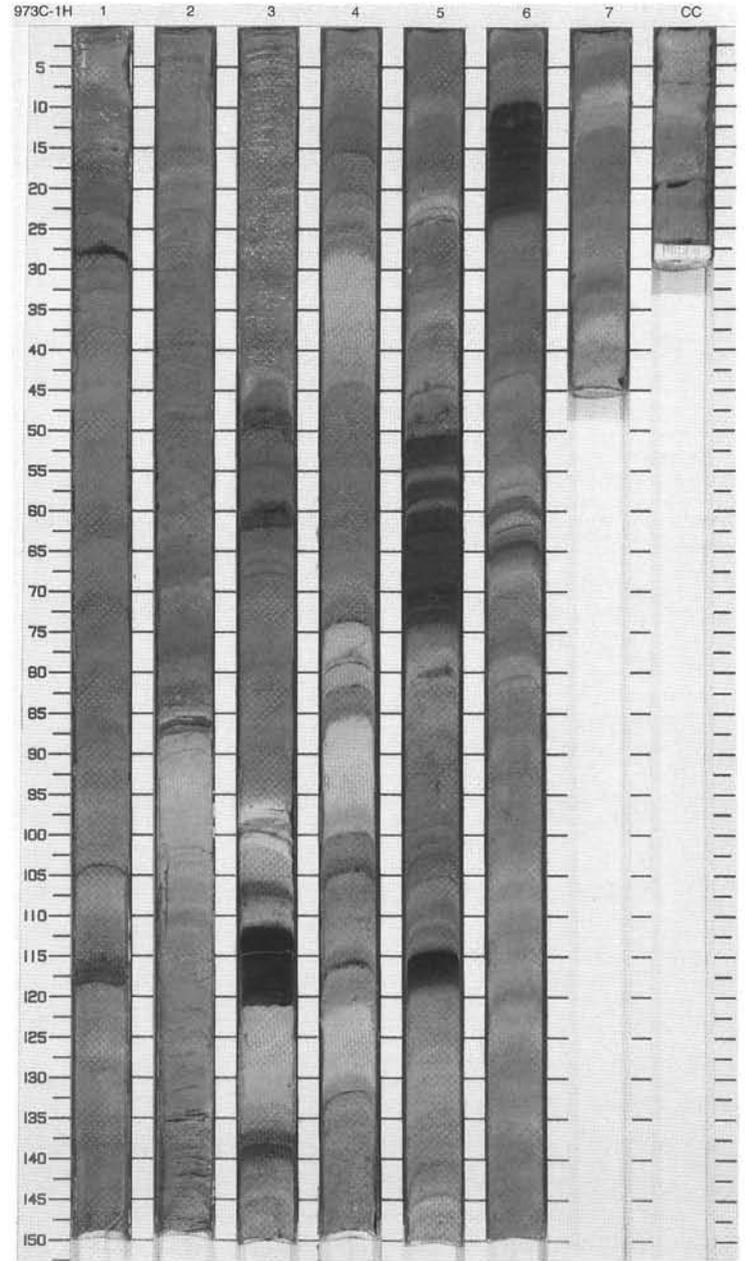
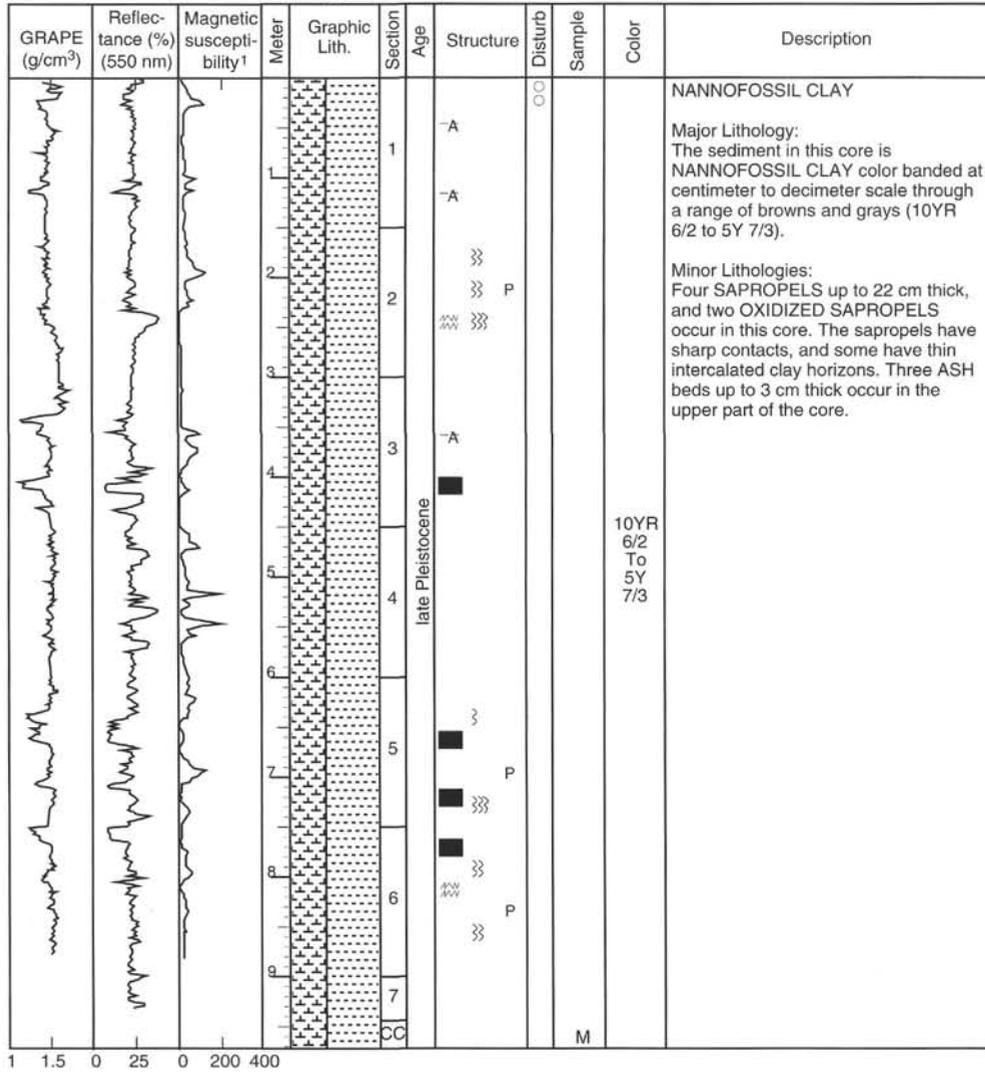
SITE 973 HOLE A CORE 16X

CORED 141.7 - 146.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1 CC	early Pliocene			S S I M	5GY 5/1 5Y 5/1 To 2.5Y 5/2	CALCAREOUS SILTSTONE and CLAYEY CALCAREOUS SILTSTONE Major Lithologies: The dominant lithology in this core is greenish gray (5GY 5/1) to gray (5Y 5/1) and grayish brown (2.5Y 5/2) CALCAREOUS SILTSTONE and CLAYEY CALCAREOUS SILTSTONE. Minor Lithologies: A black (5Y 2.5/1) gypsum rock is present in Section 1, 33–38 cm. It contains traces of organic matter and may represent an original sapropel now completely replaced by gypsum. General Description: Moderate bioturbation is present immediately beneath the horizon of black gypsum rock, including common <i>Chondrites</i> , both dispersed and as infill to <i>Planolites</i> . A single <i>Zoophycos</i> burrow is also present. Veins of gypsum occur throughout the core and are particularly intense above the gypsum rock.

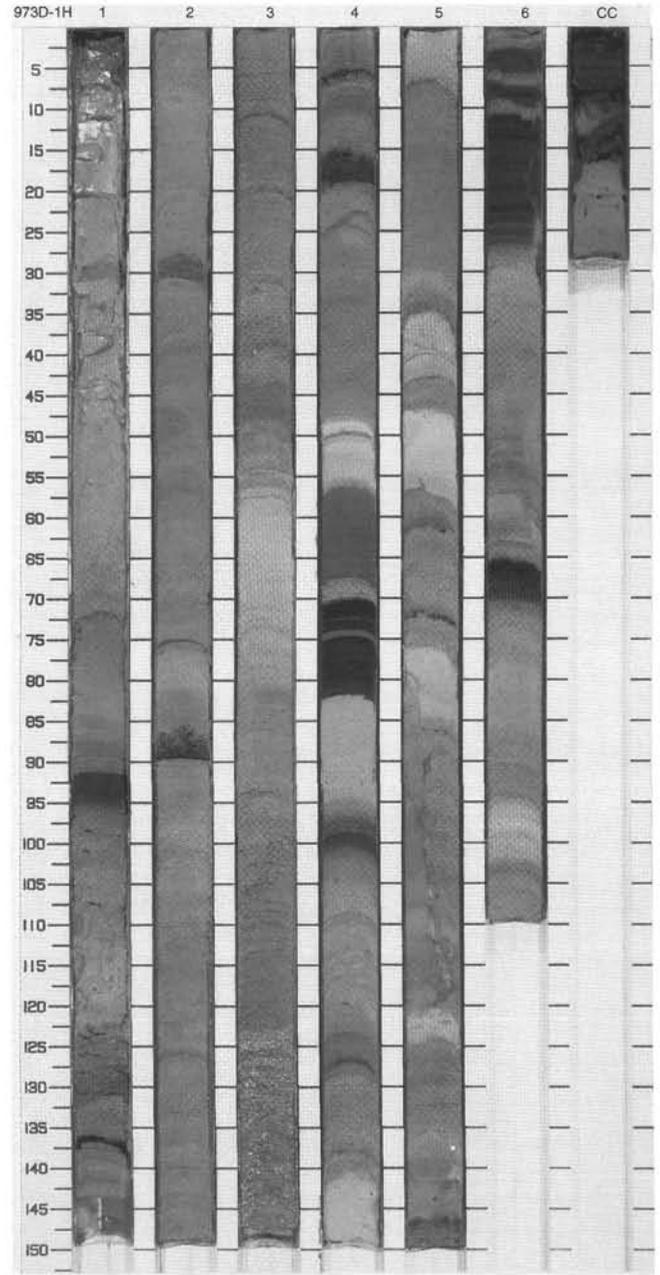
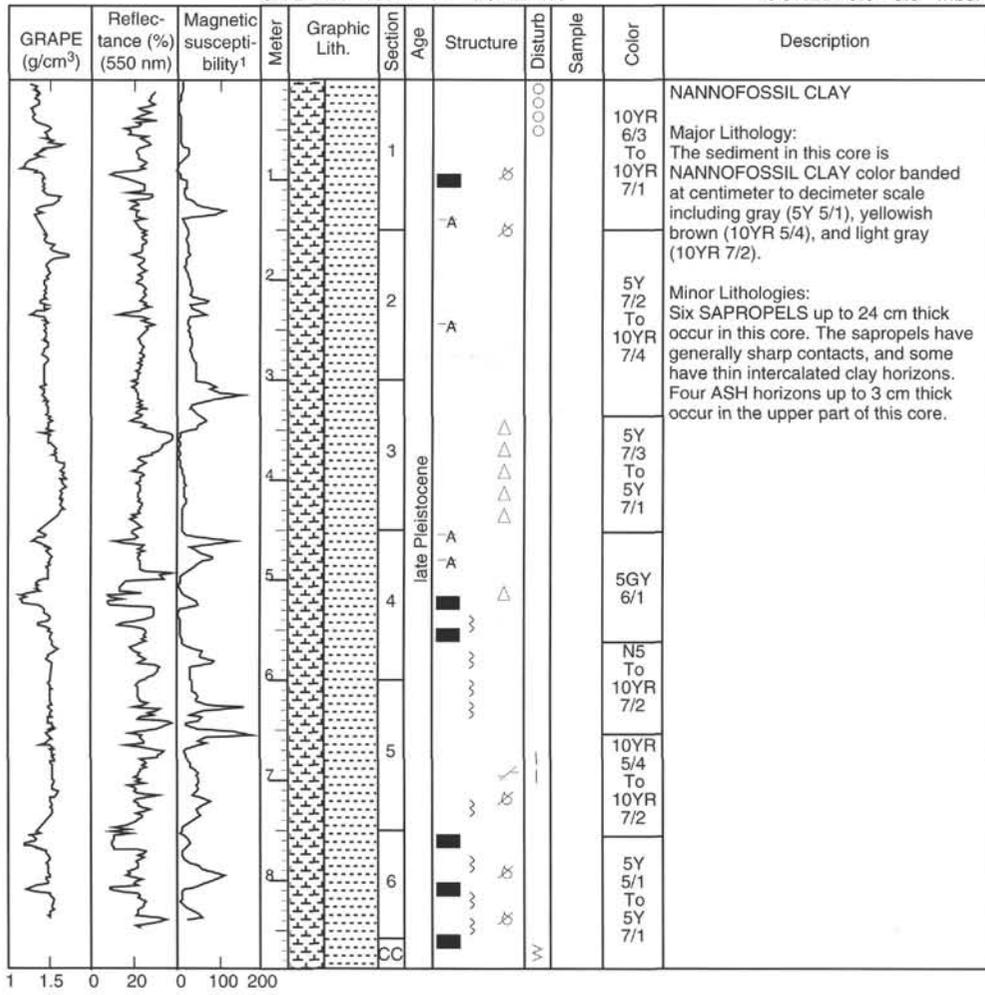


SITE 973 HOLE C CORE 1H CORED 0.0 - 9.5 mbsf



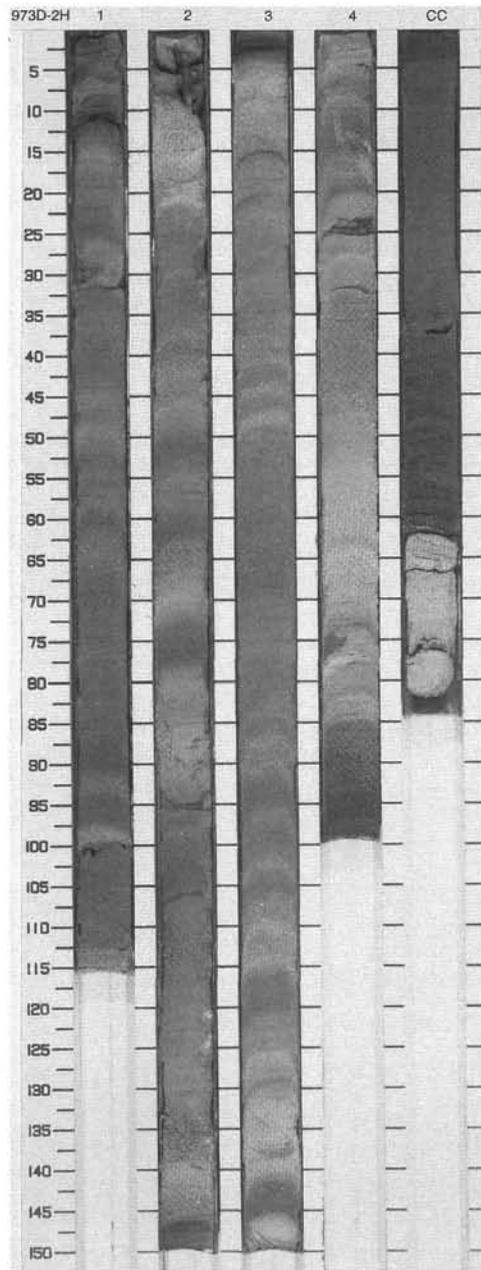
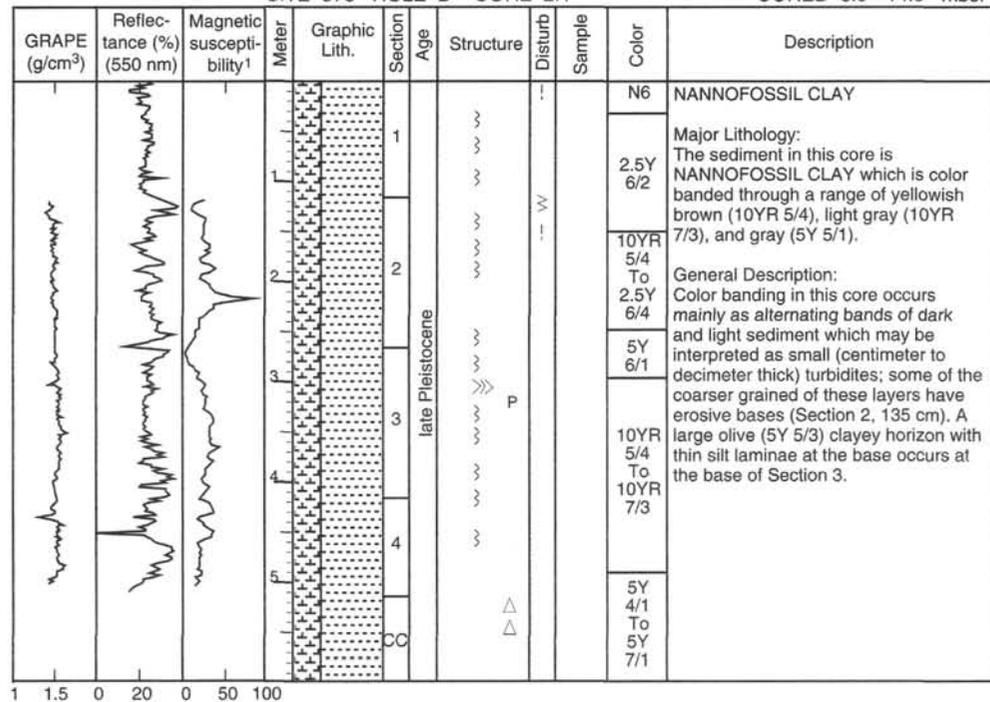
SITE 973 HOLE D CORE 1H

CORED 0.0 - 8.9 mbsf



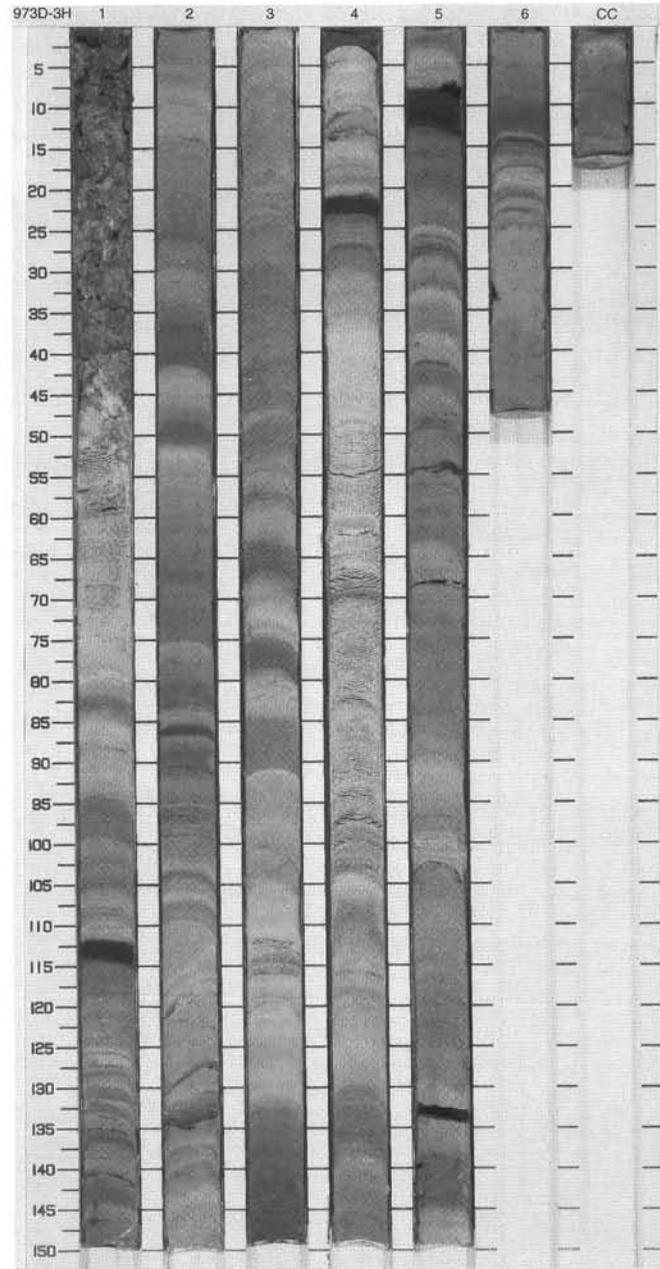
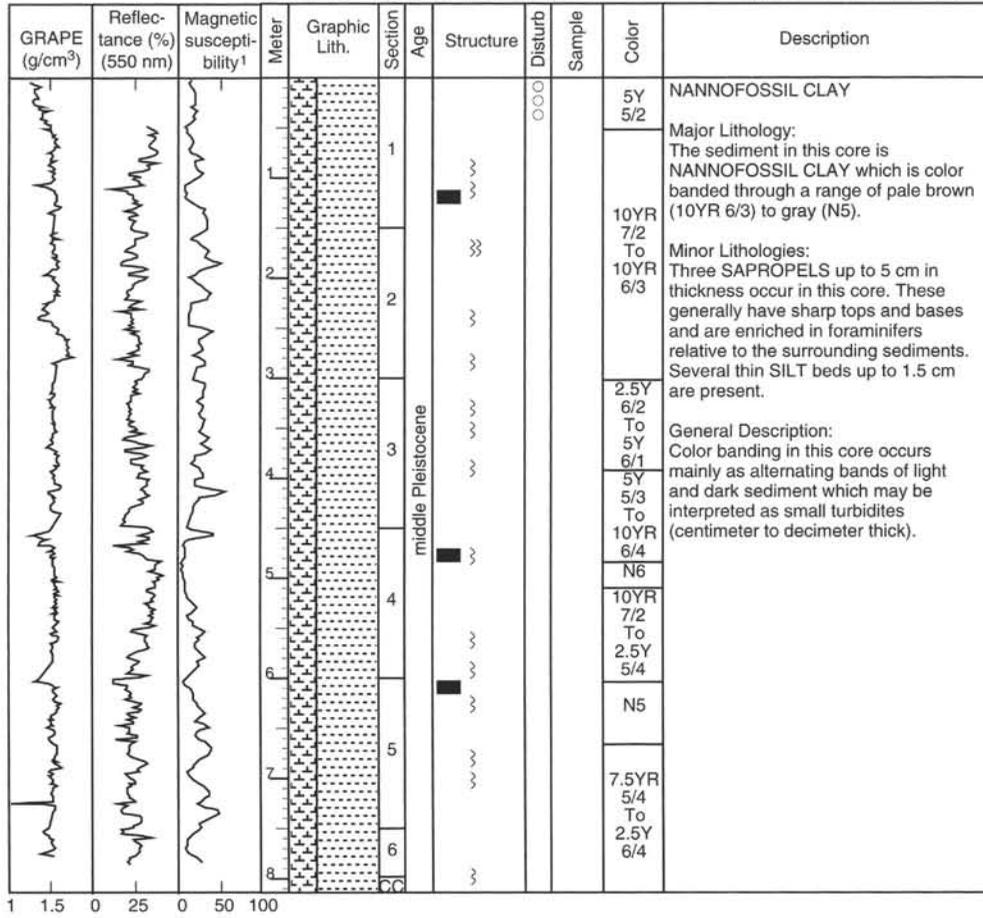
SITE 973 HOLE D CORE 2H

CORED 8.9 - 14.9 mbsf



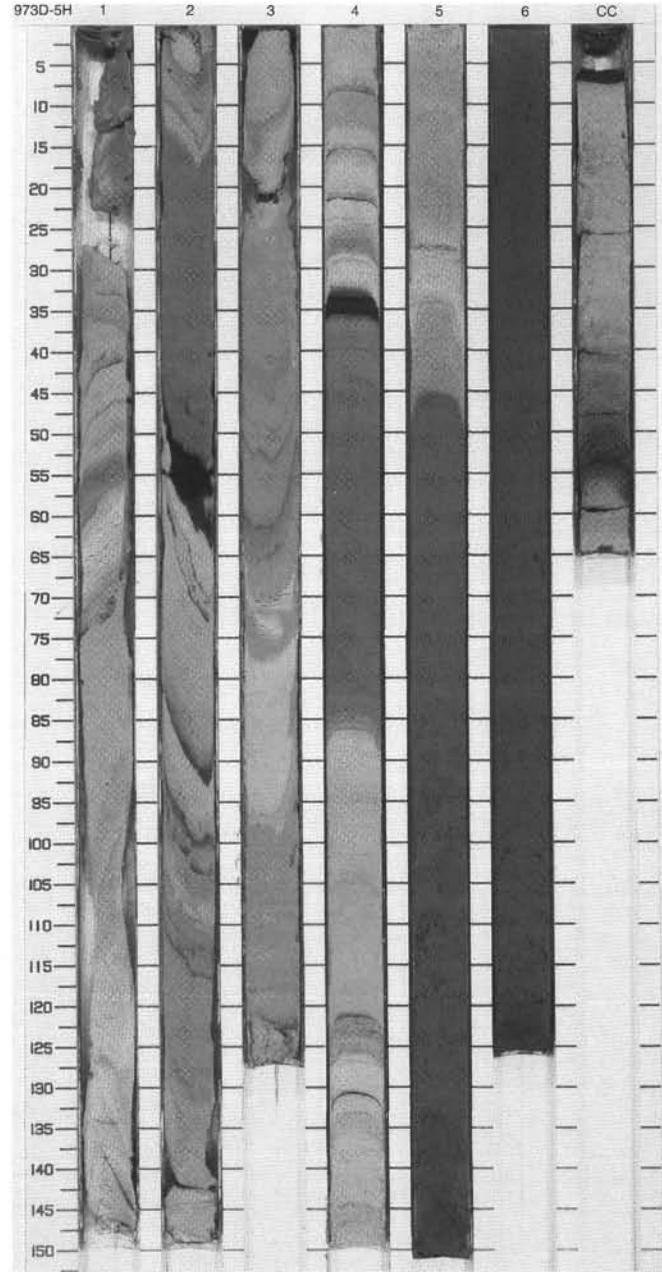
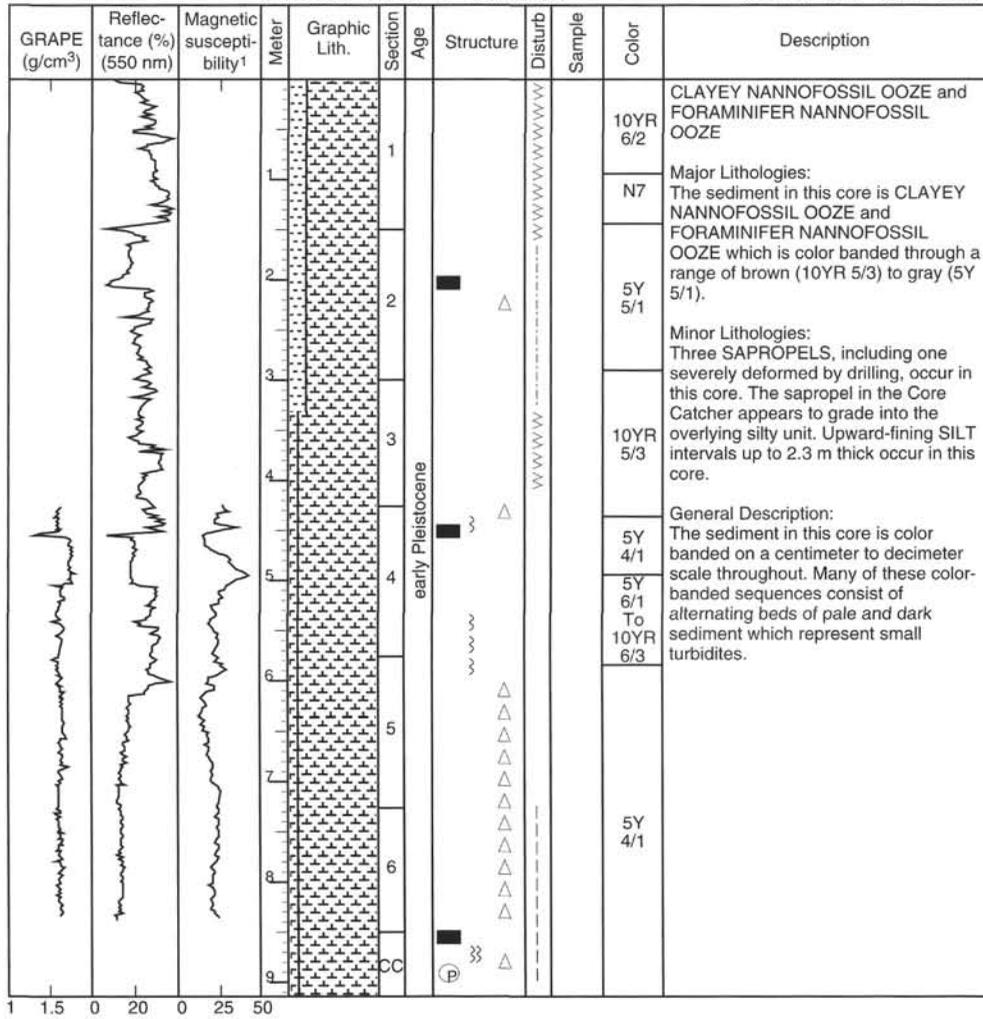
SITE 973 HOLE D CORE 3H

CORED 14.9 - 24.4 mbsf



SITE 973 HOLE D CORE 5H

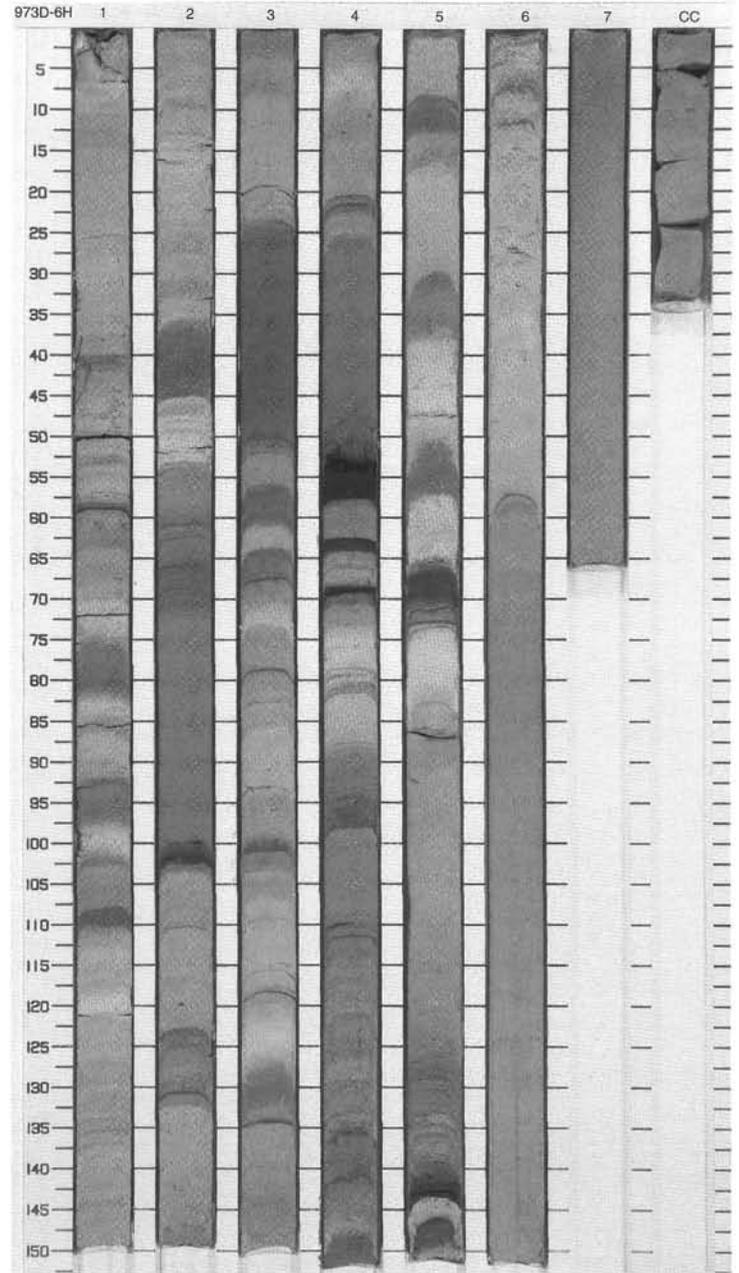
CORED 33.9 - 43.4 mbsf



SITE 973 HOLE D CORE 6H CORED 43.4 - 52.9 mbsf

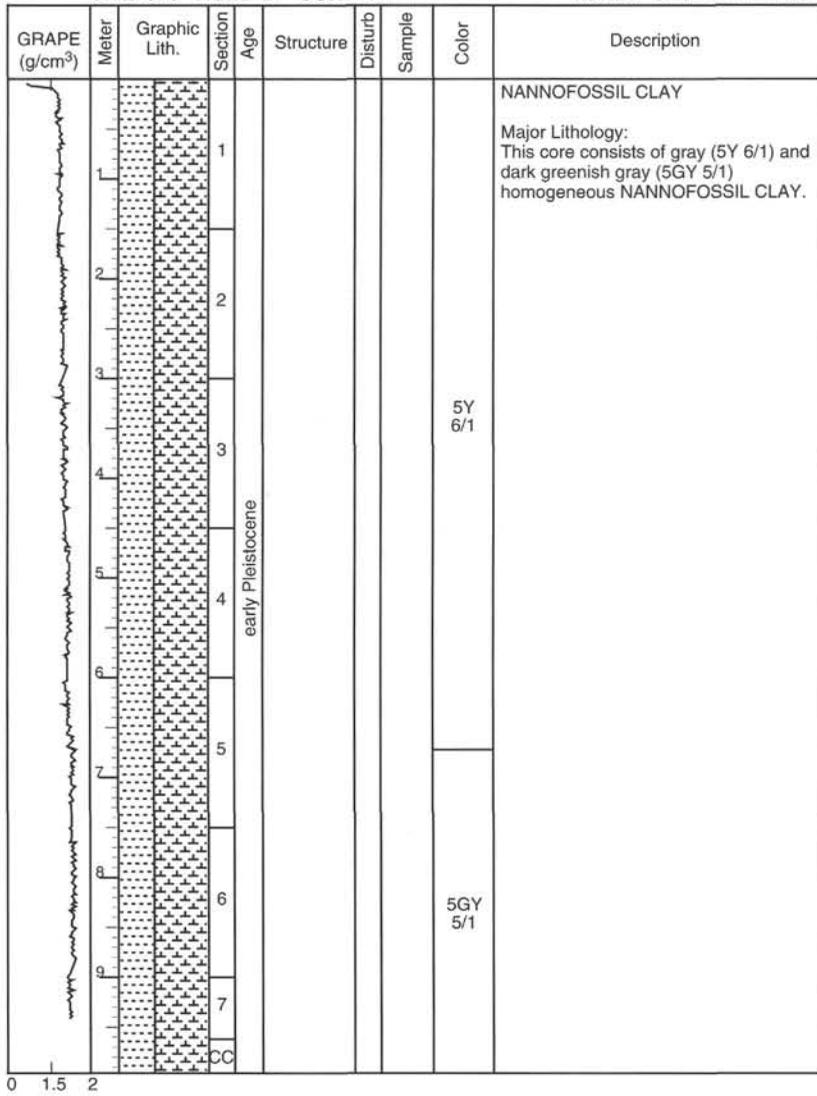
GRAPE (g/cm ³)	Reflectance (%) (550 nm)	Magnetic susceptibility ¹	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1 1.5 0 20 0 100 200			1 2 3 4 5 6 7 8 9		1		}}			10YR 7/2 To 5Y 7/1	NANNOFOSSIL OOZE, NANNOFOSSIL CLAY, and FORAMINIFER NANNOFOSSIL OOZE
					2				5Y 3/1 To 5Y 4/1	NANNOFOSSIL OOZE, NANNOFOSSIL CLAY, and FORAMINIFER NANNOFOSSIL OOZE.	
					3				10YR 7/2 To 5Y 6/1	Minor Lithologies: Two distinct dark olive gray (5Y 3/2) SAPROPEL beds occur within this core. The sapropel in Section 4 contains a 3-cm-thick homogeneous gray (N7) clay. An erosional contact marks the uppermost boundary of the sapropel with the overlying turbidite. An oxidized sapropel occurs in Section 5 between 67-74 cm.	
					4						
					5						
					6						
					7						
					CC						

early Pleistocene

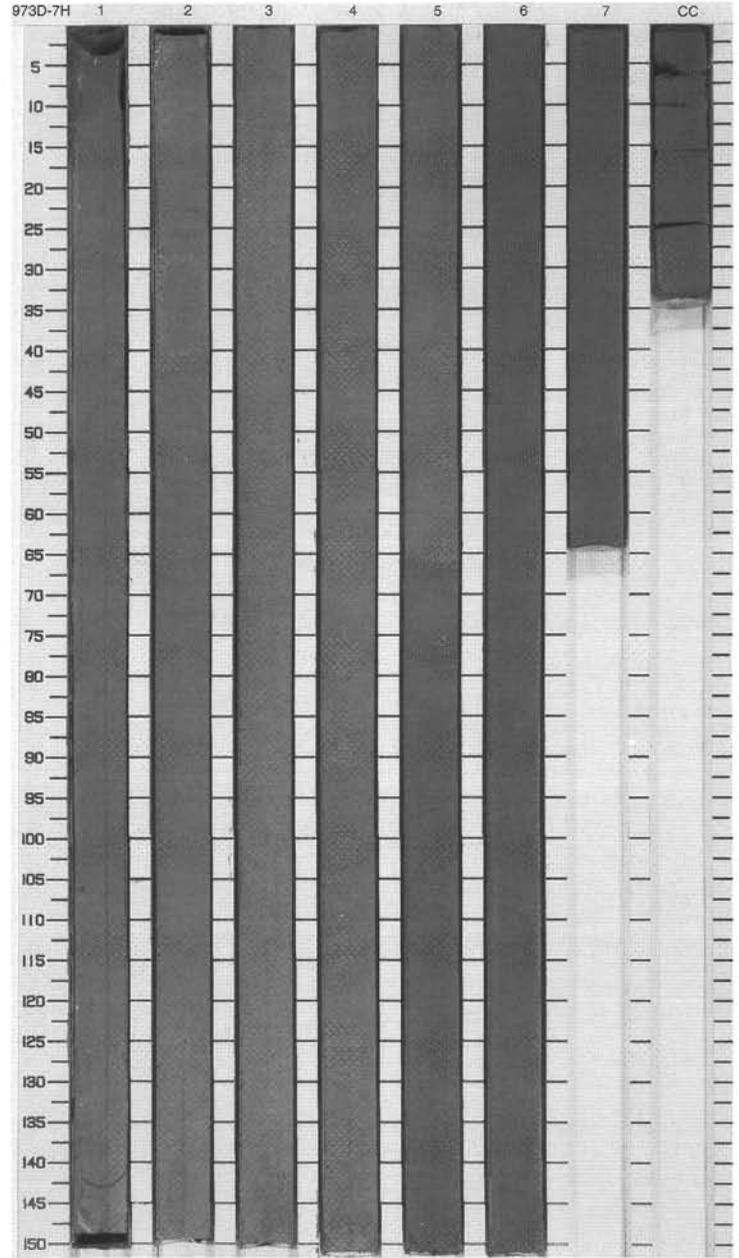


SITE 973 HOLE D CORE 7H

CORED 52.9 - 62.4 mbsf



0 1.5 2

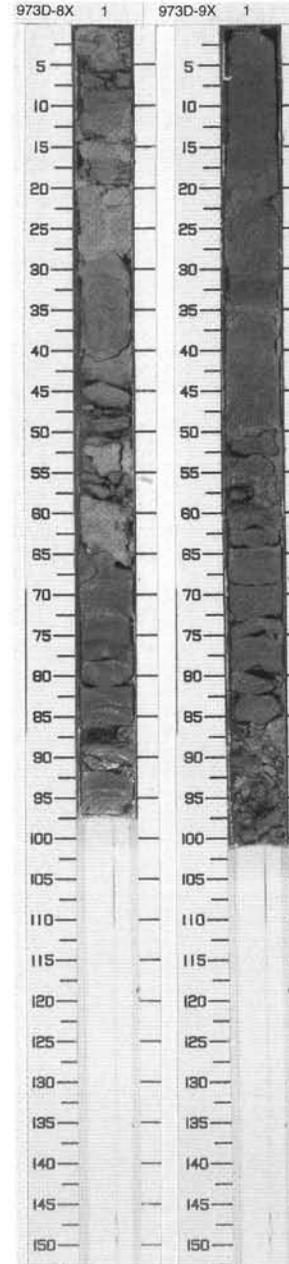


SITE 973 HOLE D CORE 8X CORED 140.0 - 144.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Pleist.			M	10YR 6/3 To 7.5YR 5/2	<p>GYPsIFEROUS SILTY CLAY</p> <p>Major Lithology: The sediment in this core is pale brown to brown (10YR 6/3 to 7.5YR 5/2), semiconsolidated GYPsIFEROUS SILTY CLAY.</p> <p>General Description: The core was extruded on the drill platform due to an extraction problem, and replaced in random orientation and position in the liner. It is therefore totally disrupted, and cannot be logged for structures or internal features.</p>

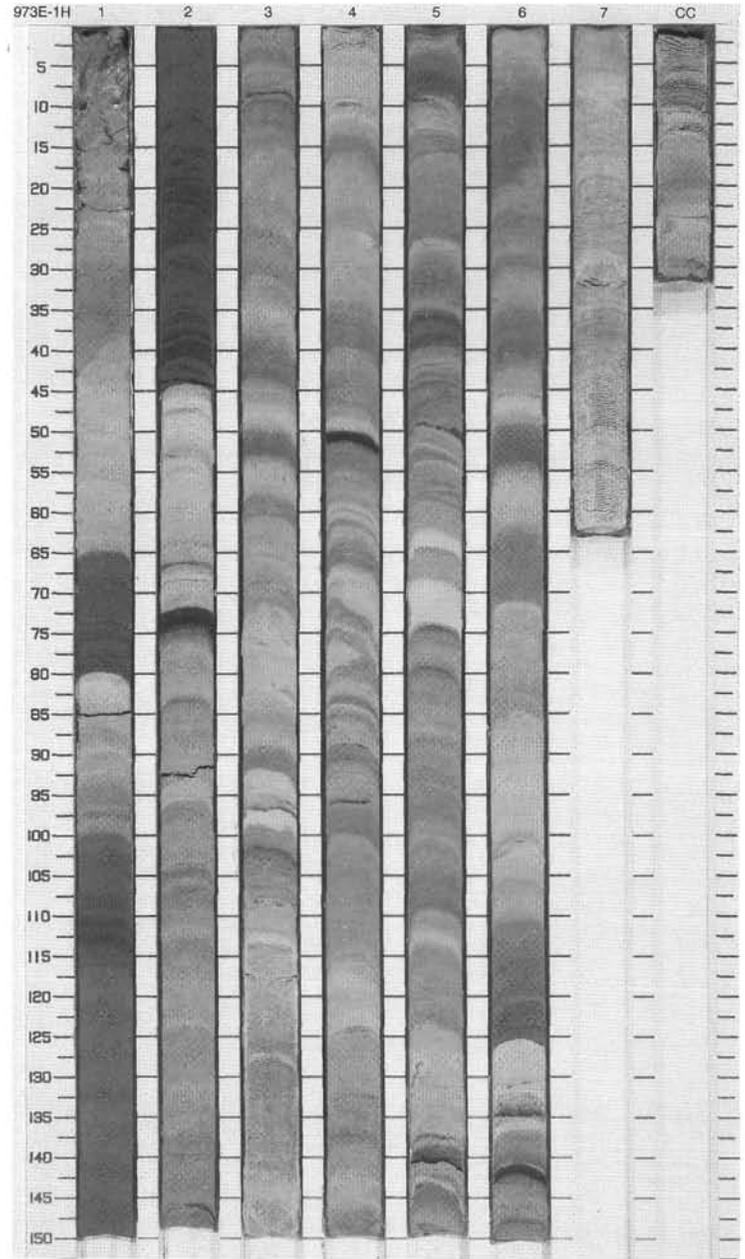
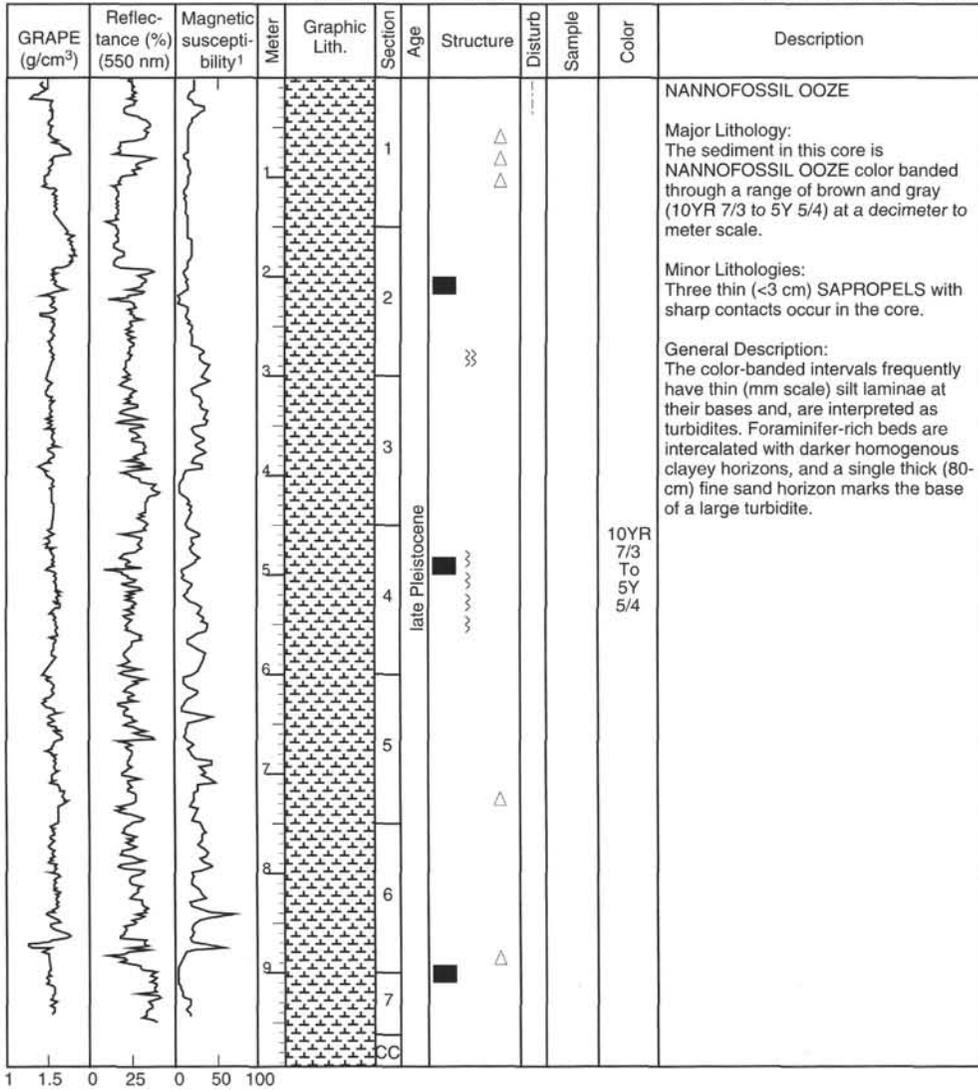
SITE 973 HOLE D CORE 9X CORED 144.9 - 152.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Pleist.			M	7.5YR 5/2	<p>GYPsIFEROUS SILTY CLAY</p> <p>Major Lithology: The sediment in this core is pale brown to brown (7.5YR 5/2), semi-consolidated GYPsIFEROUS SILTY CLAY.</p>



SITE 973 HOLE E CORE 1H

CORED 13.0 - 22.5 mbsf



SITE 973 HOLE E CORE 2H
CORED 22.5 - 32.0 mbsf

