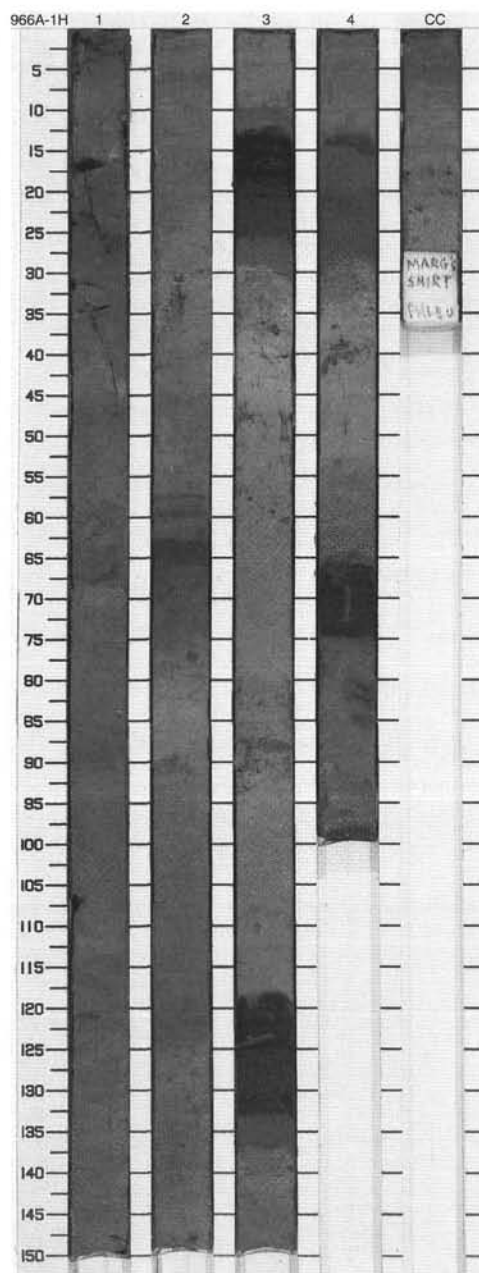
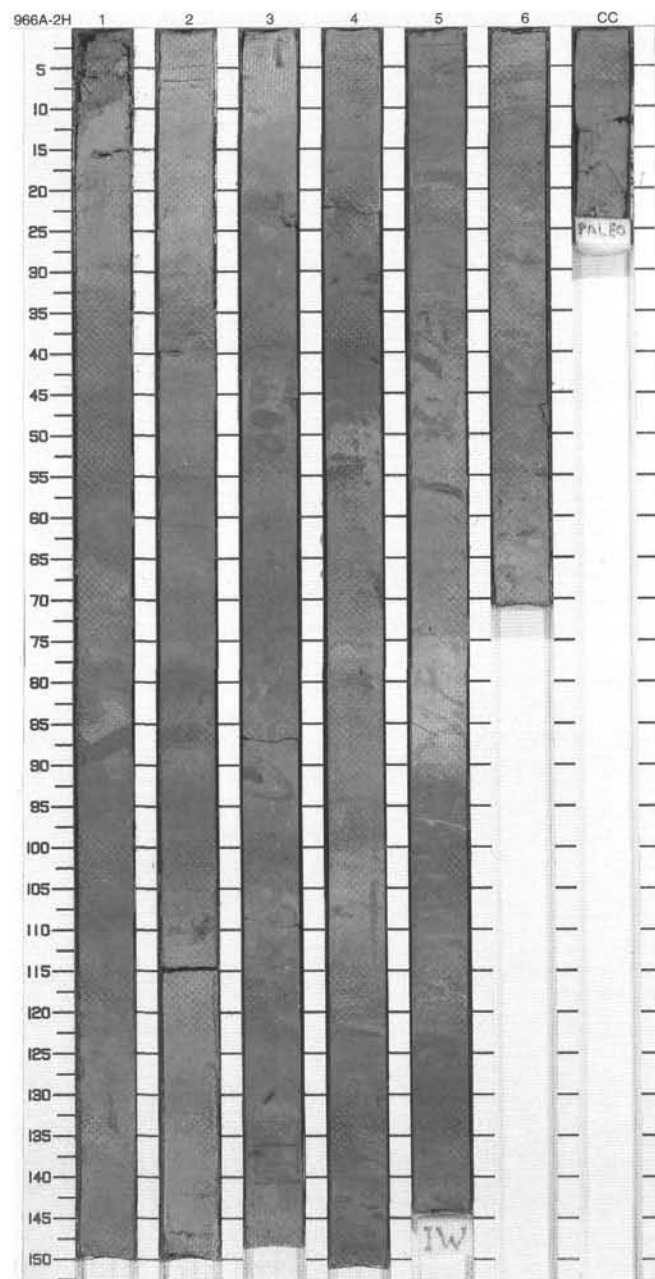
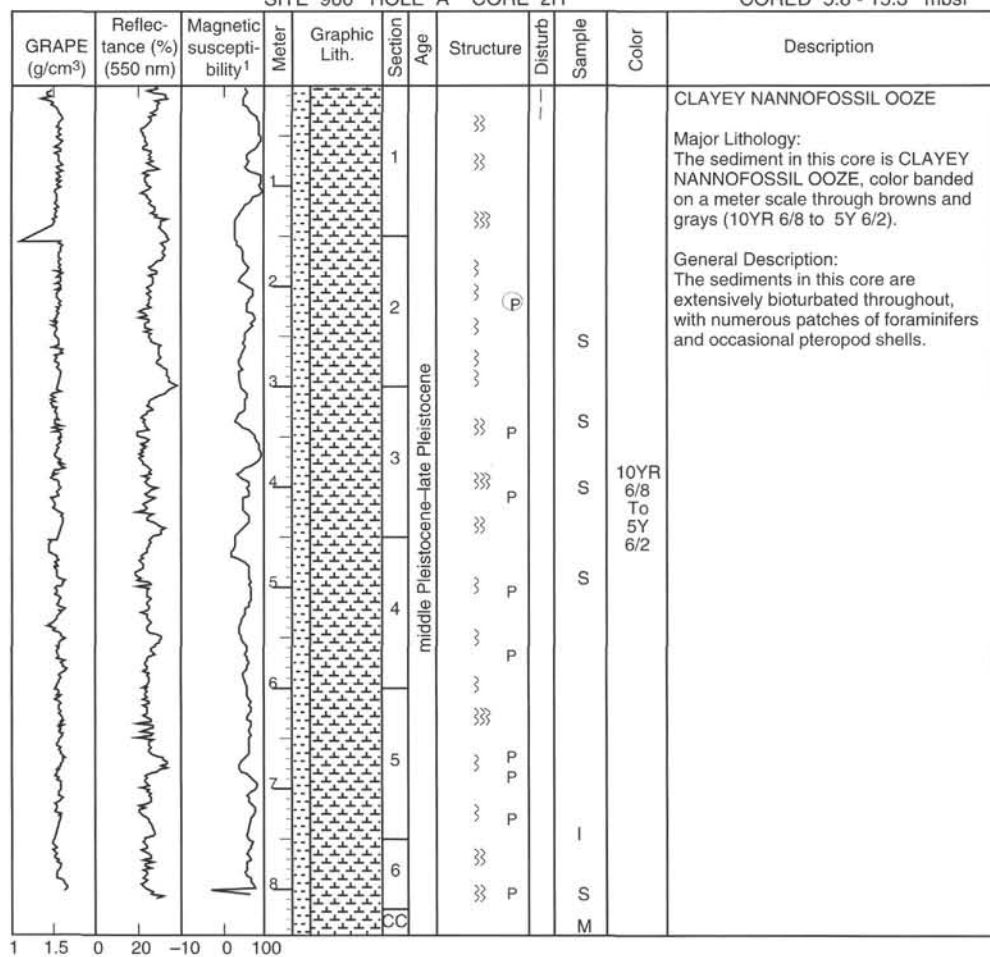


¹Instrument units.

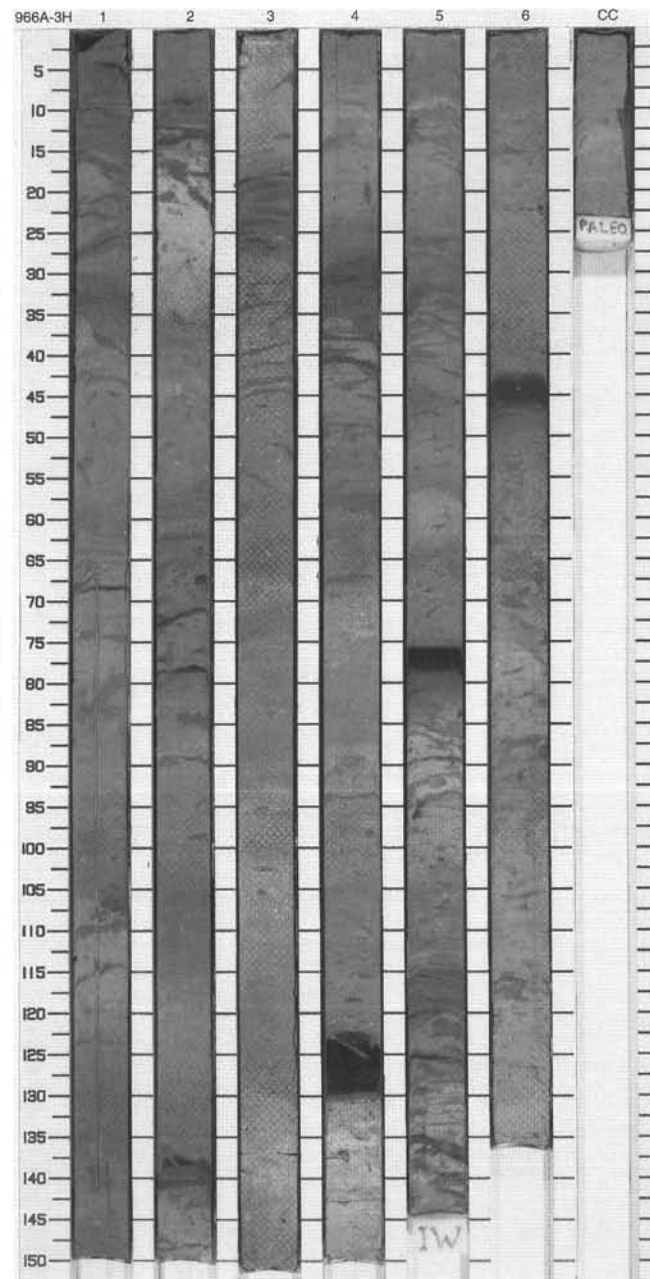
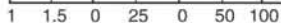


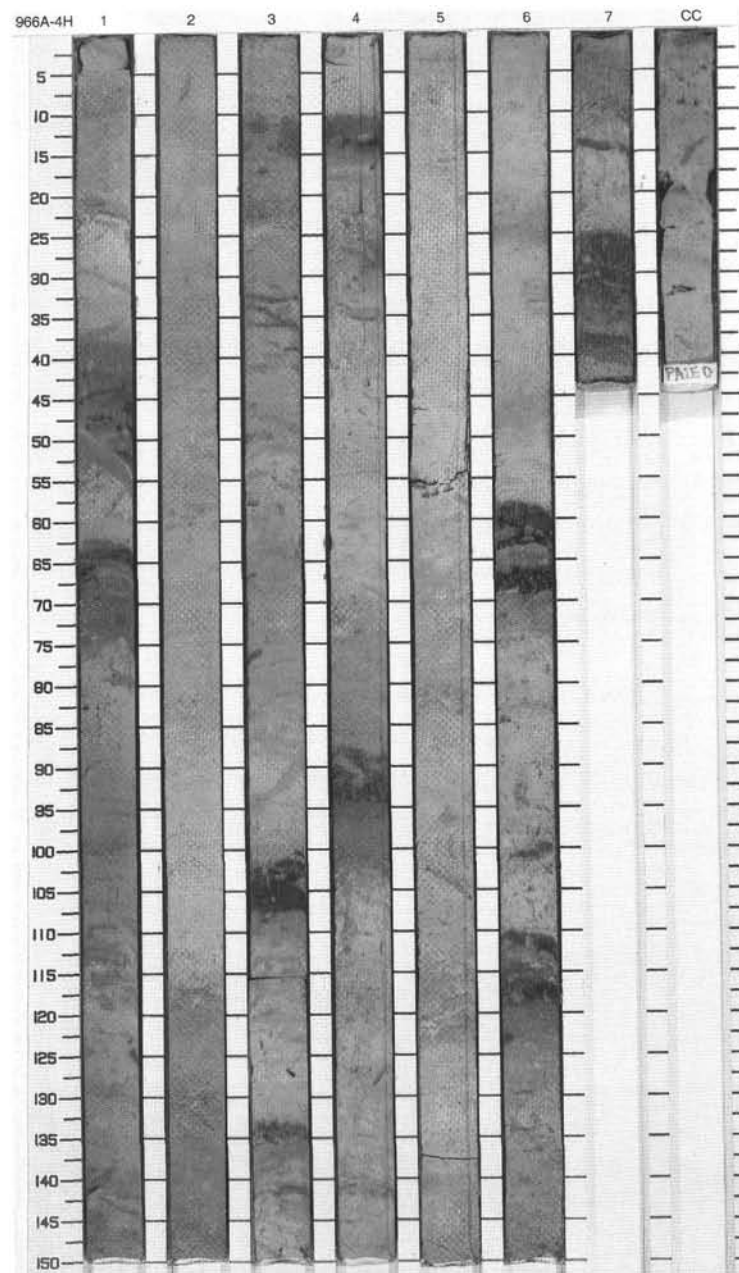
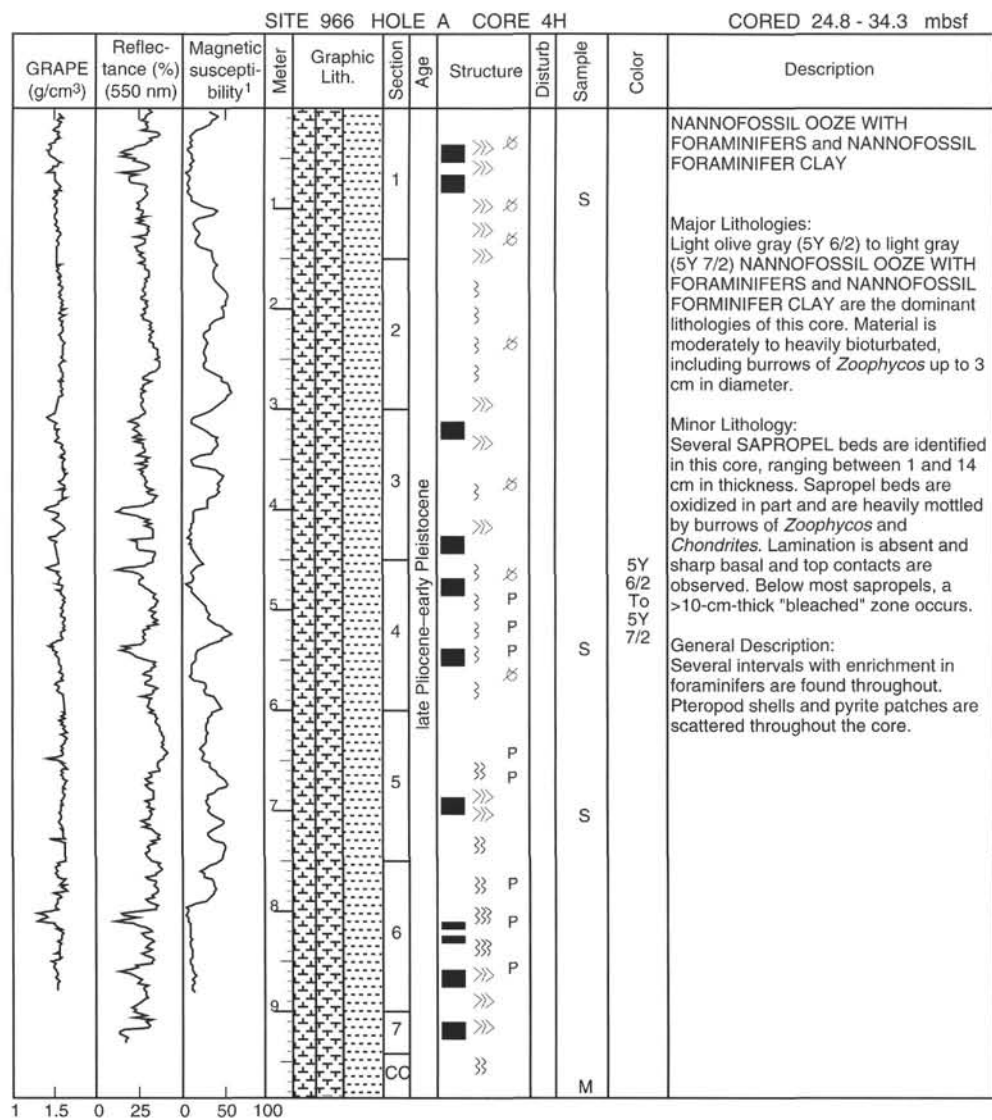
SITE 966 HOLE A CORE 2H

CORED 5.8 - 15.3 mbsf

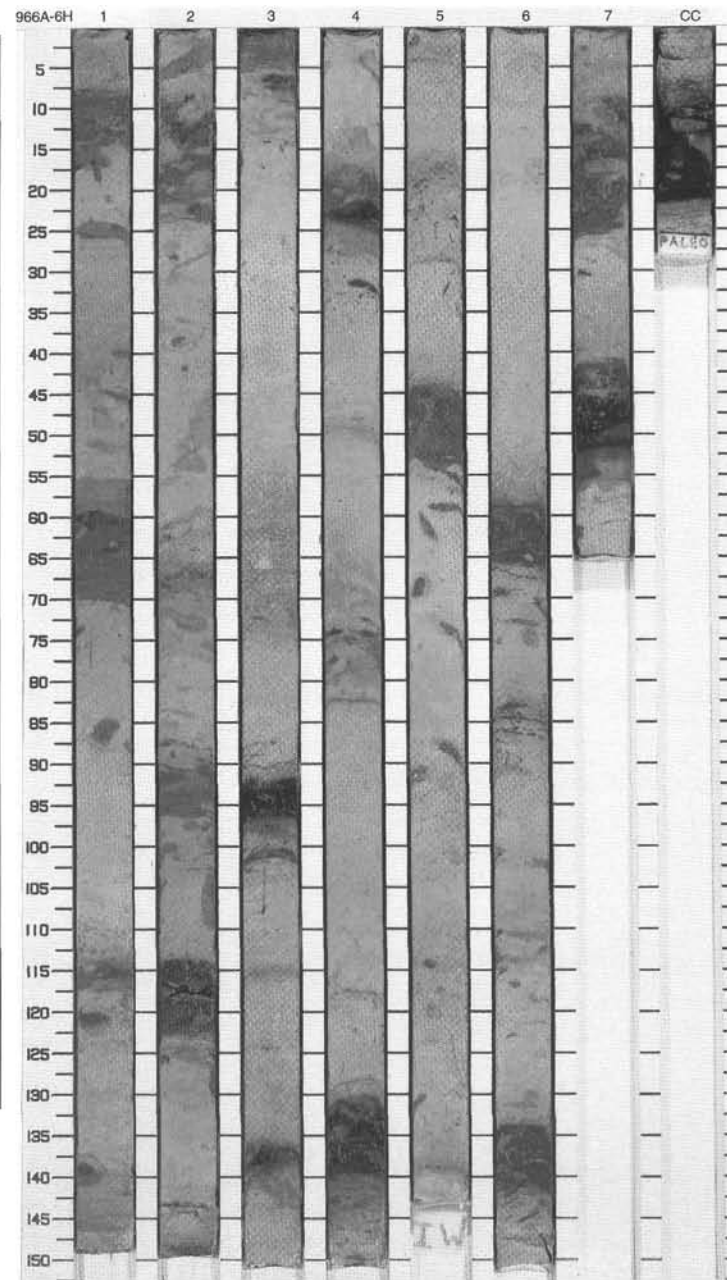
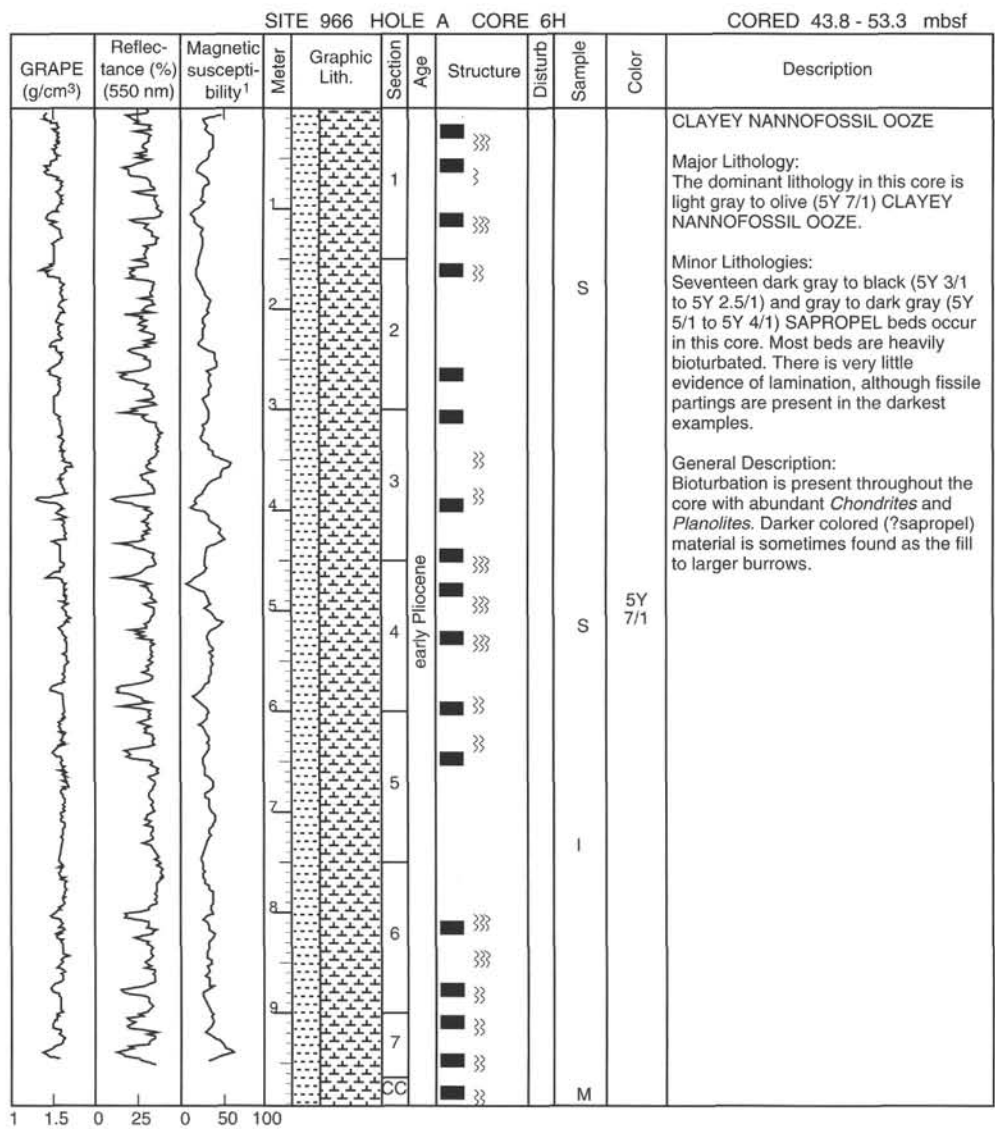


CORED 15.3 - 24.8 mbsf



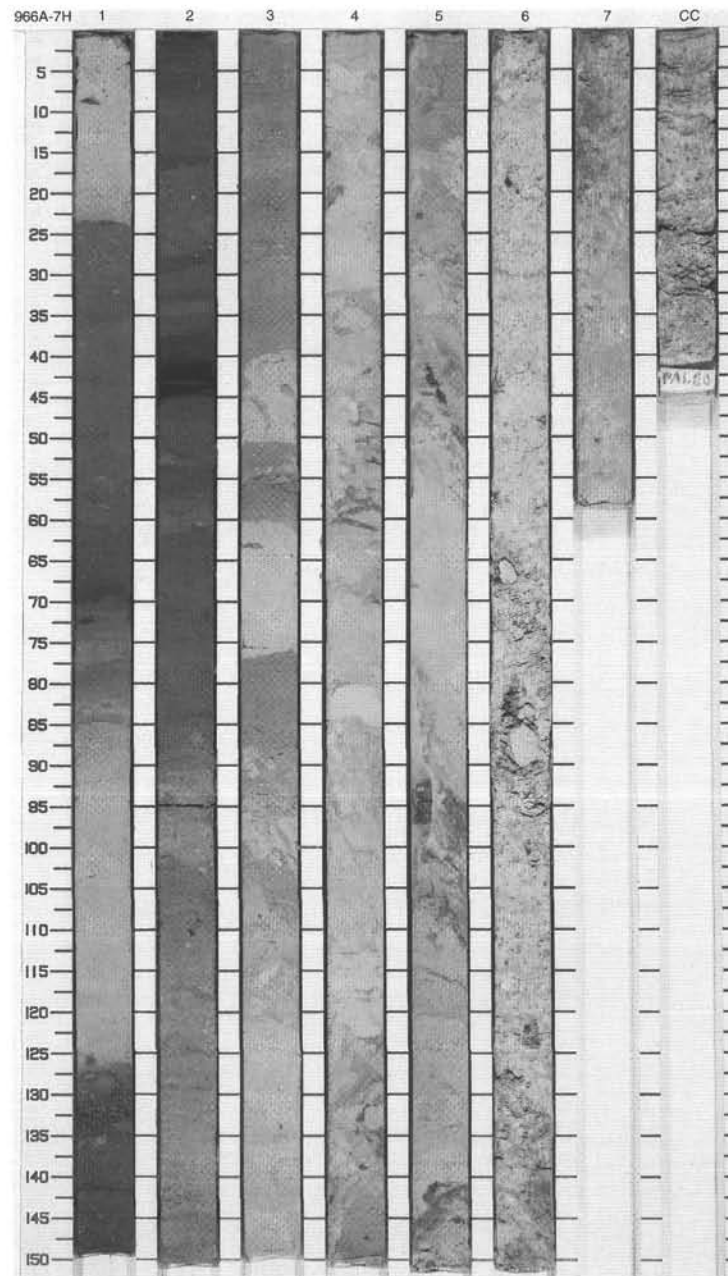
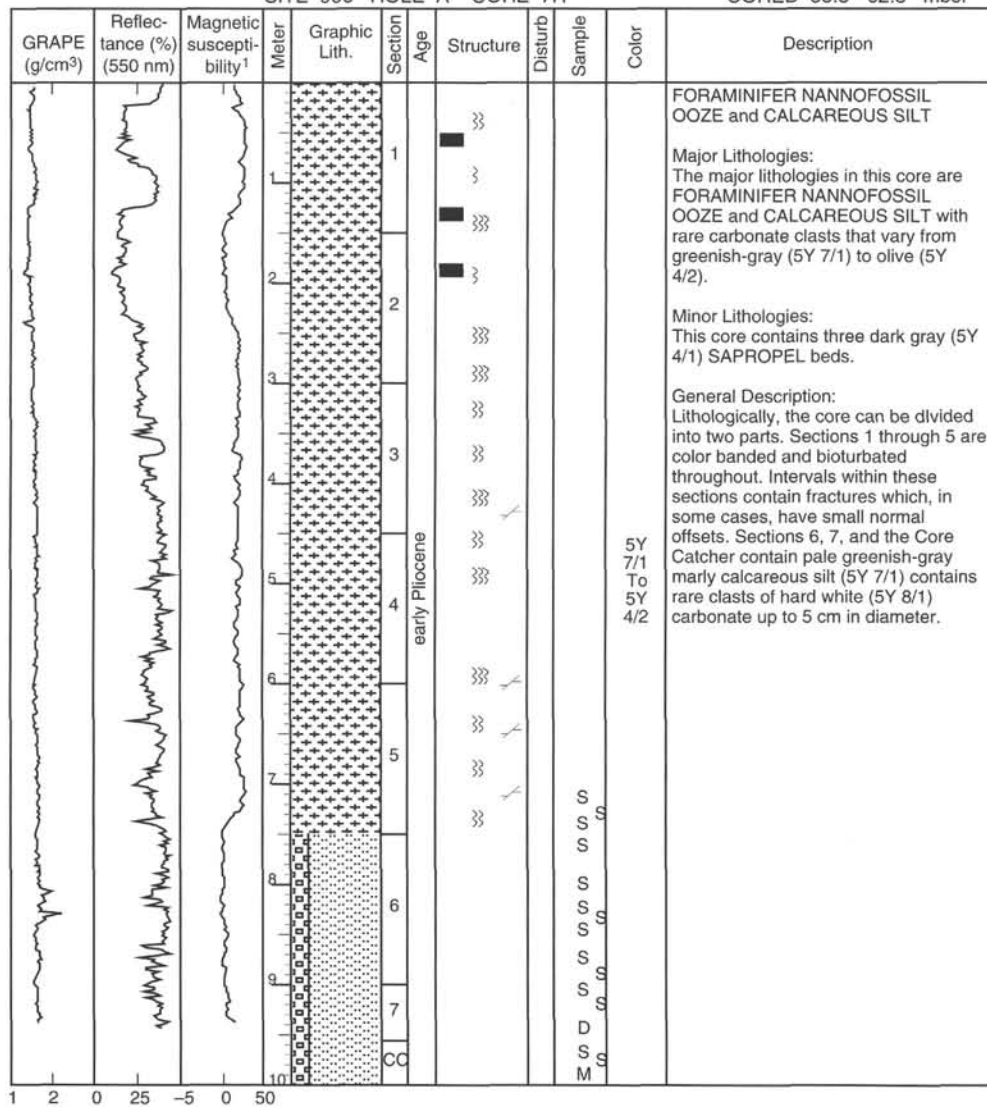






SITE 966 HOLE A CORE 7H

CORED 53.3 - 62.8 mbsf

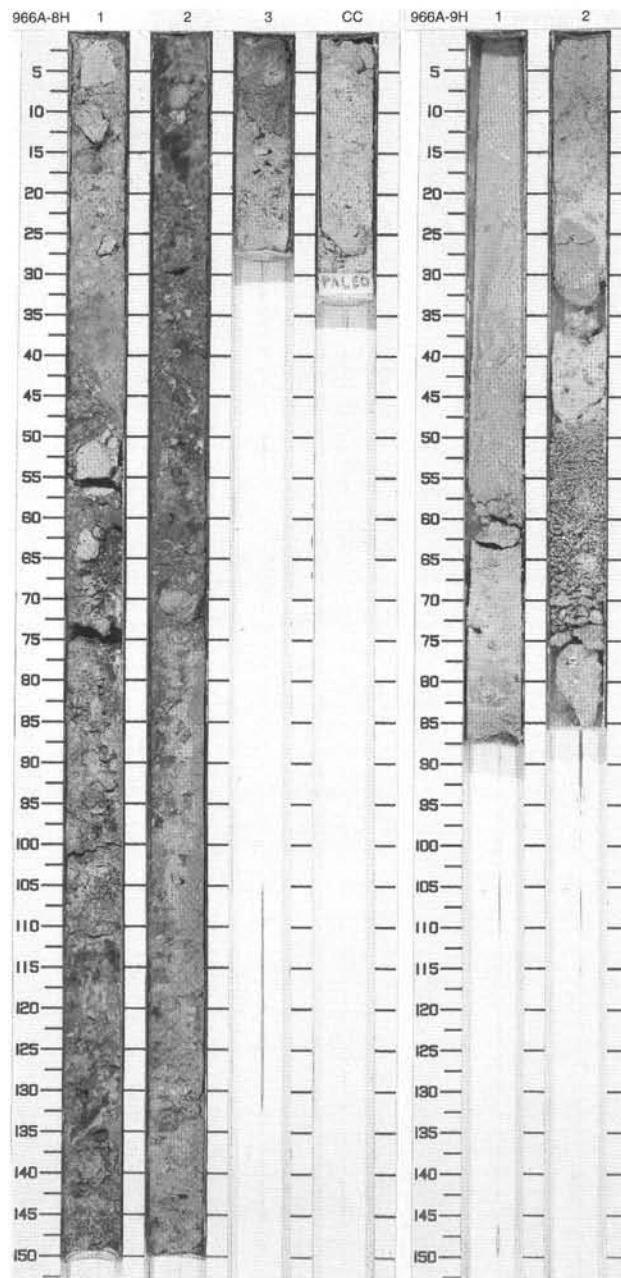


SITE 966 HOLE A CORE 8H CORED 62.8 - 66.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene	◇	W	S		CALCAREOUS SILTY NANNOFOSSIL OOZE WITH CLASTS Major Lithology: This core is composed of white (5Y 8/1) CARBONATE SILTY NANNOFOSSIL OOZE with CLASTS. The clasts are composed of white (5Y 8/1) limestone, and greenish gray (5G 6/1) mudstone, and vary in size from 1 to 5 cm. The matrix is mainly micritic, particularly in Section 3 and the Core Catcher. General Description: There is evidence of drilling disturbance, some of the structures are likely to have been generated by coring.
2		2		◇	W	S		
3		3		◇	W	S		
		CC		◇	W	S		
				◇	W	S		
				◇	W	S		
				◇	W	S		
				◇	W	S		
				◇	W	S		
				◇	W	S		
				◇	W	S		

SITE 966 HOLE A CORE 9H CORED 66.3 - 68.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene		○○○		5Y 6/1	CALCAREOUS CONGLOMERATE and CALCAREOUS SAND Major Lithologies: The sediment in the top meter of this core is a graded, unconsolidated to semi-consolidated, fine-to-medium grained, gray (5Y 6/1) CALCAREOUS SAND. Sediment in the bottom part of the core is a CALCAREOUS matrix supported CONGLOMERATE with limestone clasts in a micrite matrix. General Description: Drilling disturbance is moderate to severe throughout this core, and may have disturbed primary depositional structure and fabric.
2		2			W	D		



SITE 966 HOLE A CORE 10X CORED 68.3 - 78.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				S		CALCAREOUS CONGLOMERATE Major Lithology: The sediment in this core is a matrix supported CALCAREOUS CONGLOMERATE with limestone clasts up to 4 cm in diameter in a micrite matrix.
2		2	early Pliocene			S		
3		3				S		
		CC				M		

SITE 966 HOLE A CORE 11X CORED 78.0 - 87.6 mbsf


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						LIMESTONE Major Lithology: The contents of this core are rounded chips of gray (5Y 5/1), very hard LIMESTONE . General Description: Core recovery 1%.

SITE 966 HOLE A CORE 12X CORED 87.6 - 97.2 mbsf

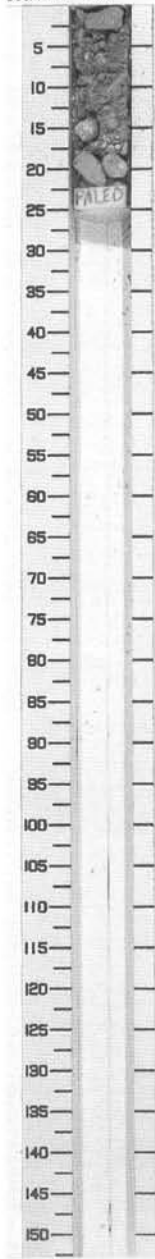
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC				M		CALCAREOUS CONGLOMERATE Major Lithology: The sediment in this core is matrix supported CALCAREOUS CONGLOMERATE that contains limestone clasts in a micrite matrix. General Description: Core recovery 3%. Drilling disturbance may have altered primary structure and fabric.



SITE 966 HOLE A CORE 13X CORED 97.2 - 106.8 mbsf

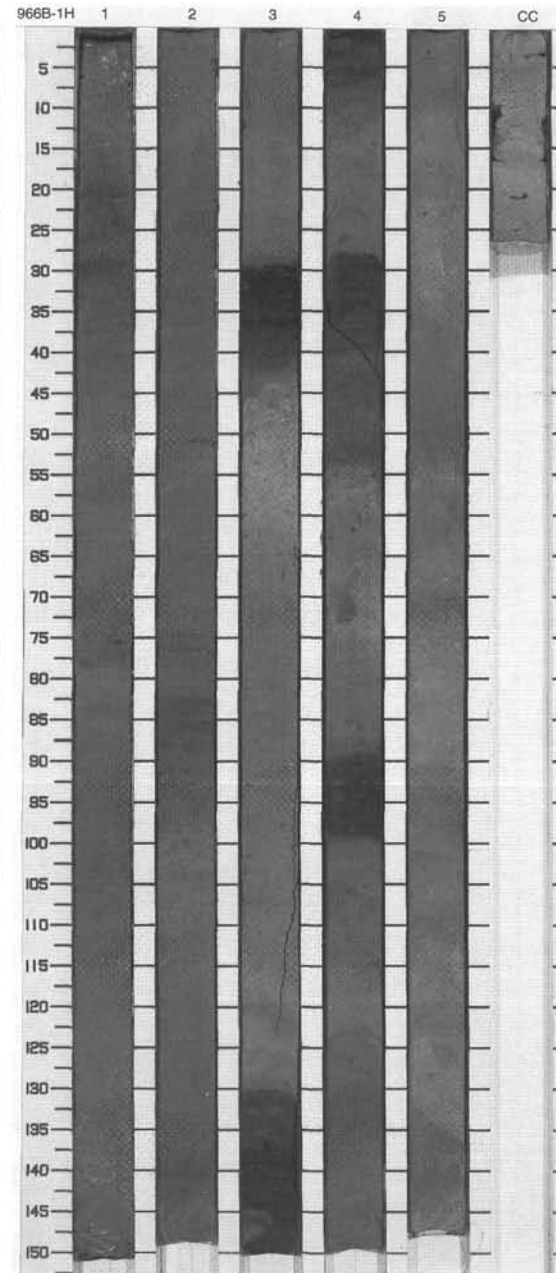
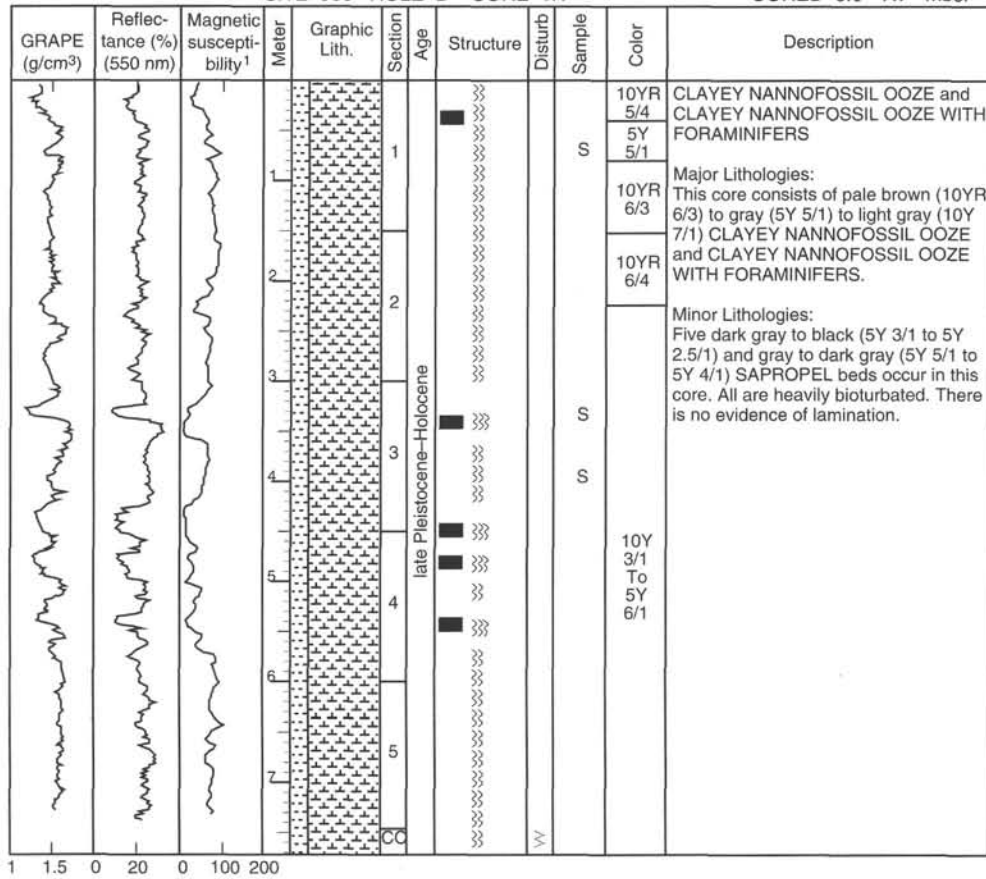
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC				M		<p>CALCAREOUS CONGLOMERATE</p> <p>Major Lithology: The material recovered in this core consists of a matrix-supported CALCAREOUS CONGLOMERATE. The conglomerate is composed of a sand-sized carbonate matrix together with 5 subangular, and 1 well-rounded LIMESTONE CLASTS (1-5 cm in diameter). Some clasts display faint internal color-banded lamination.</p> <p>General Description: Core recovery 2%. Drilling disturbance has probably altered primary structure and fabric in this core.</p>

966A-13X CC



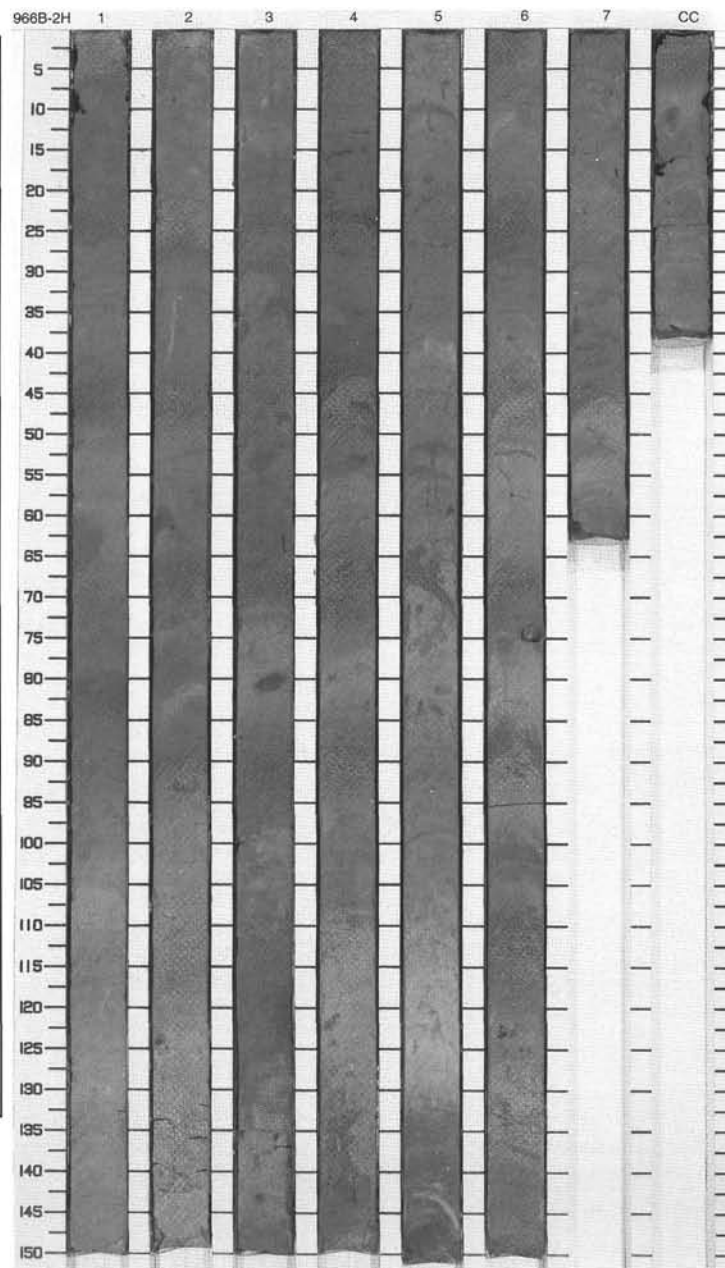
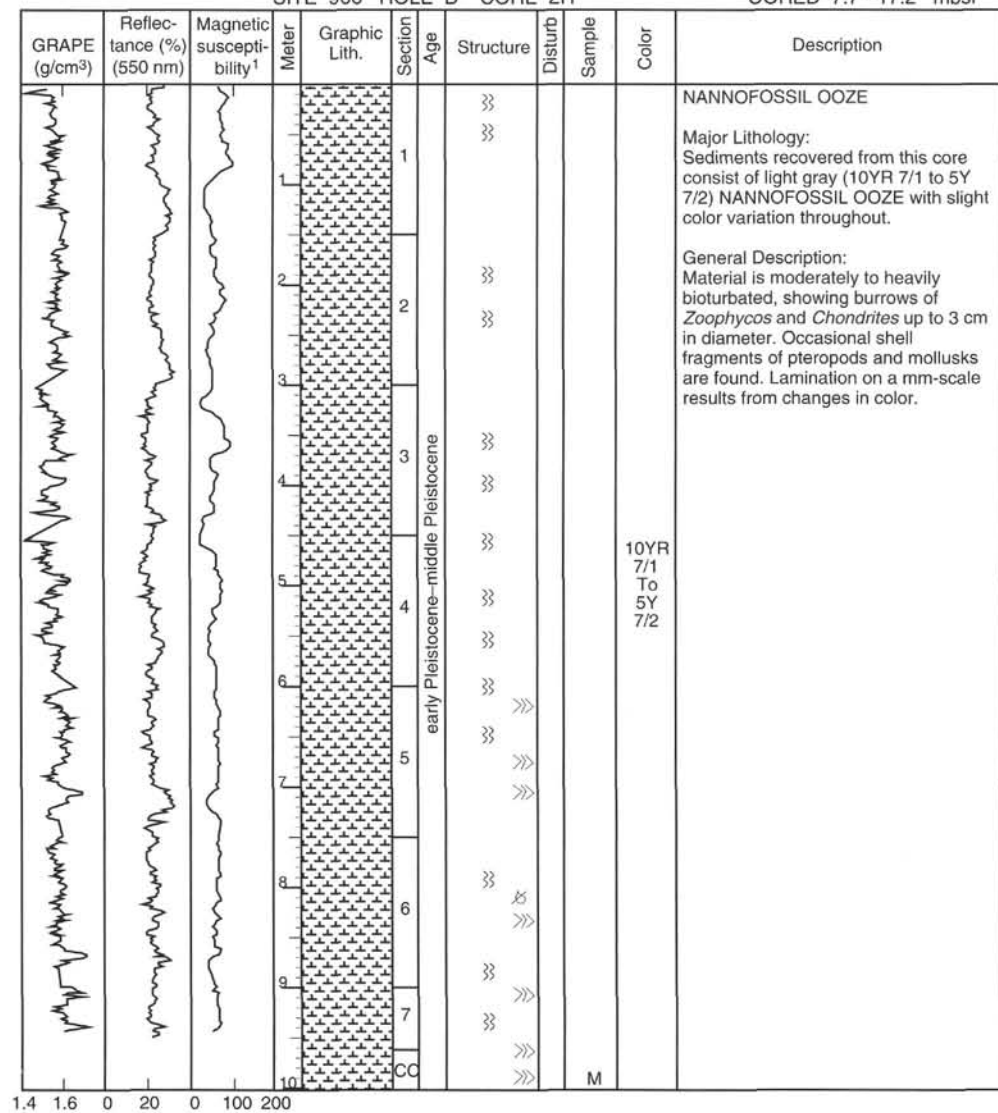
SITE 966 HOLE B CORE 1H

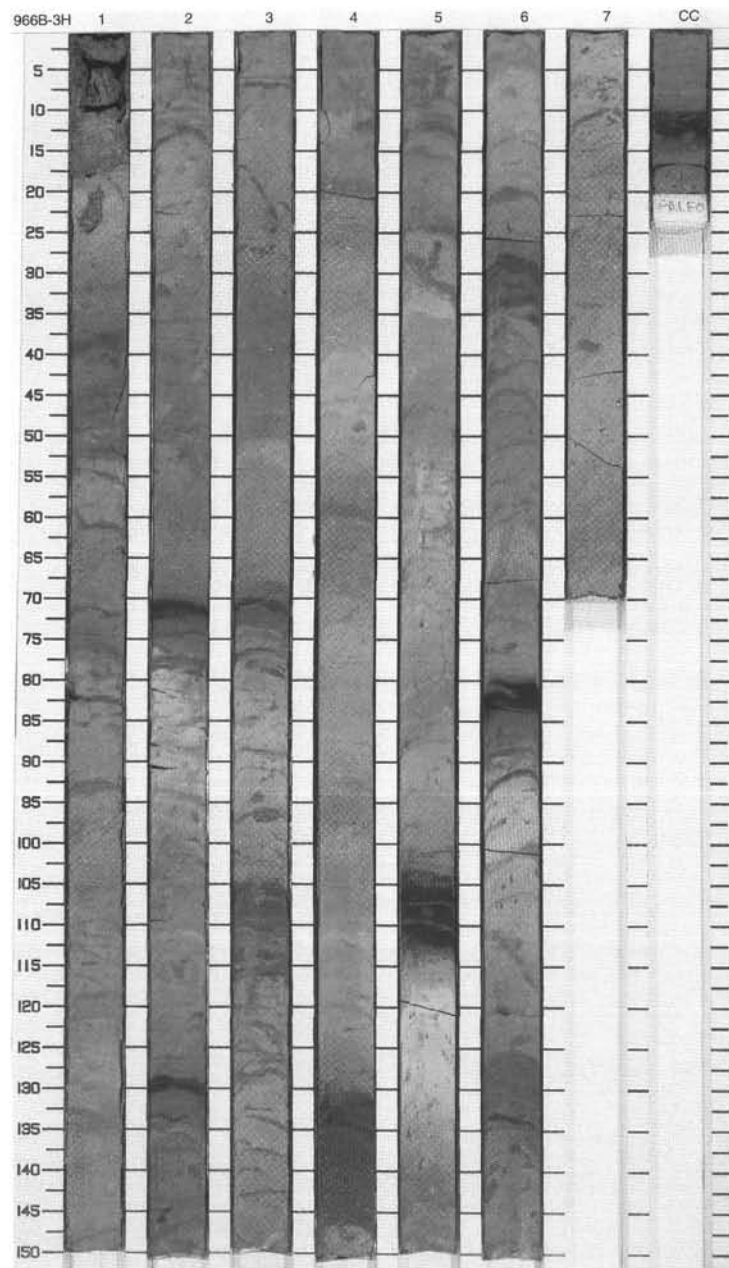
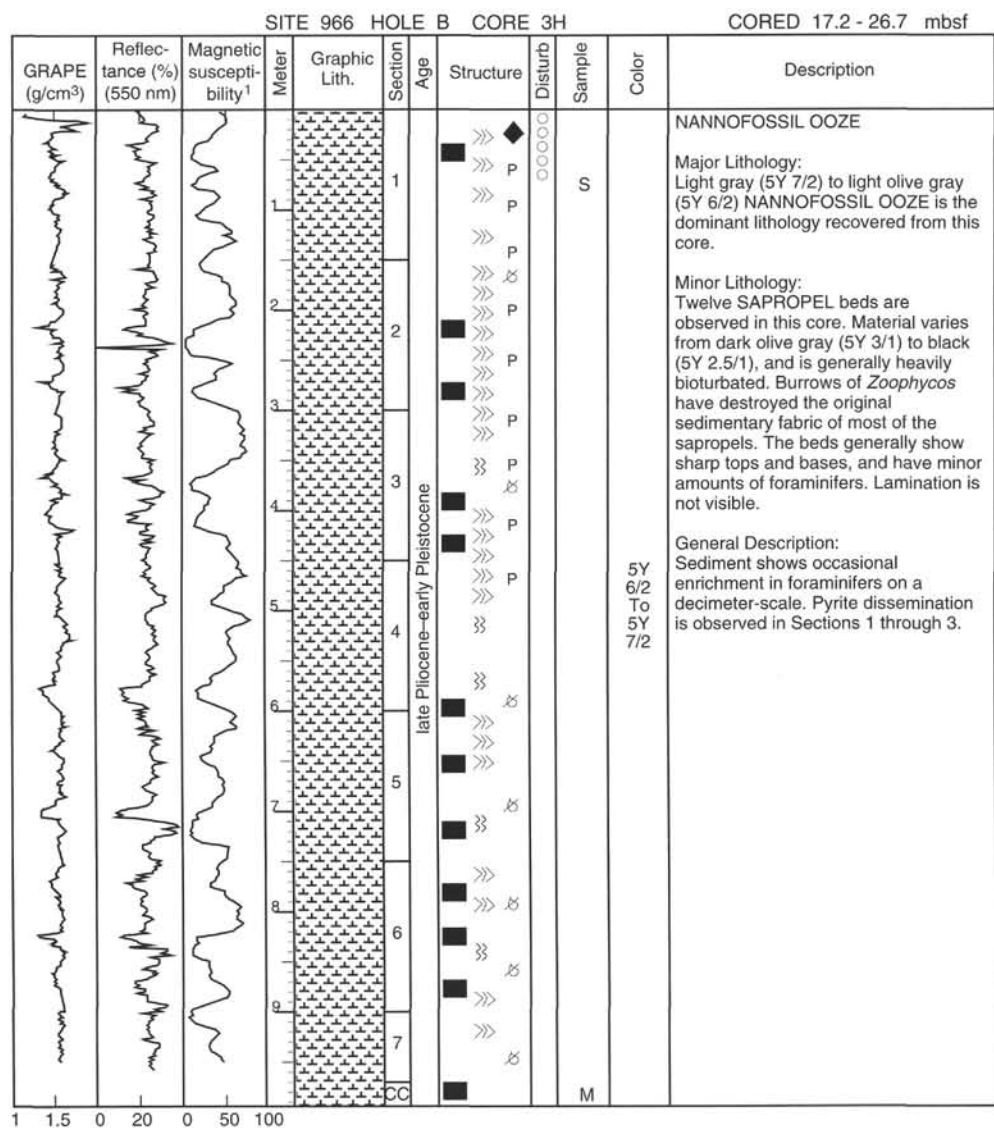
CORED 0.0 - 7.7 mbsf

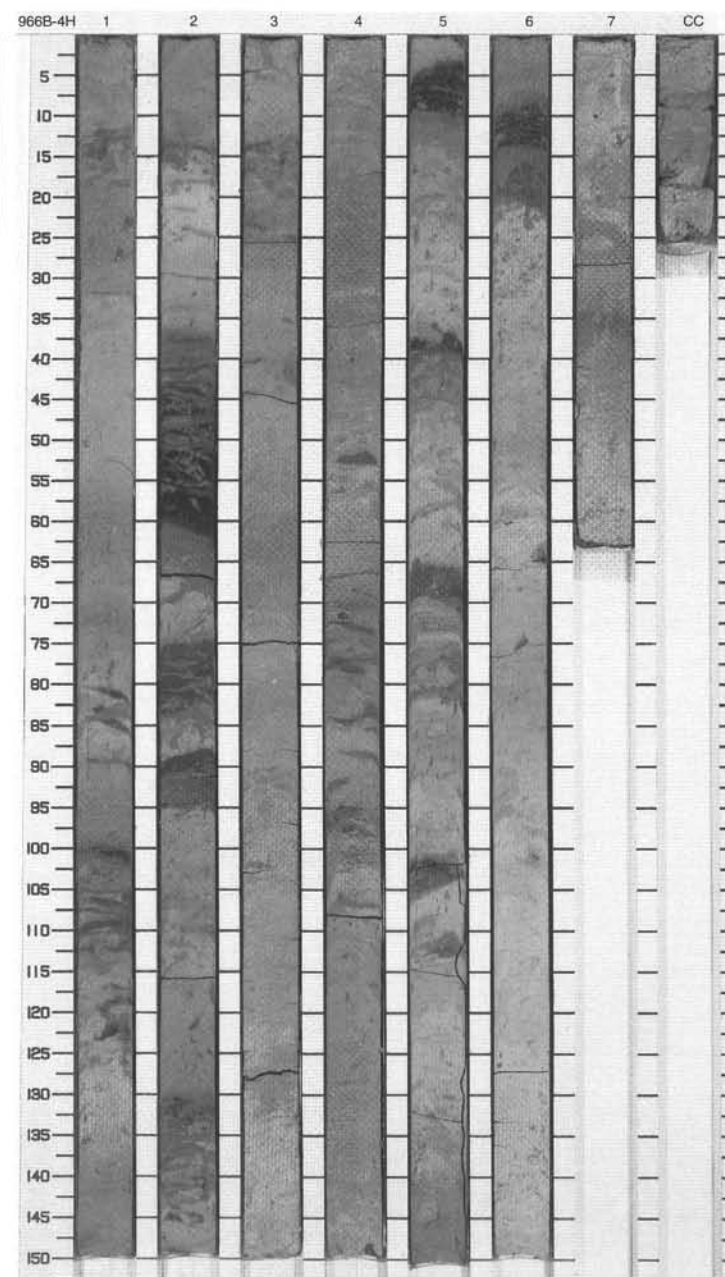
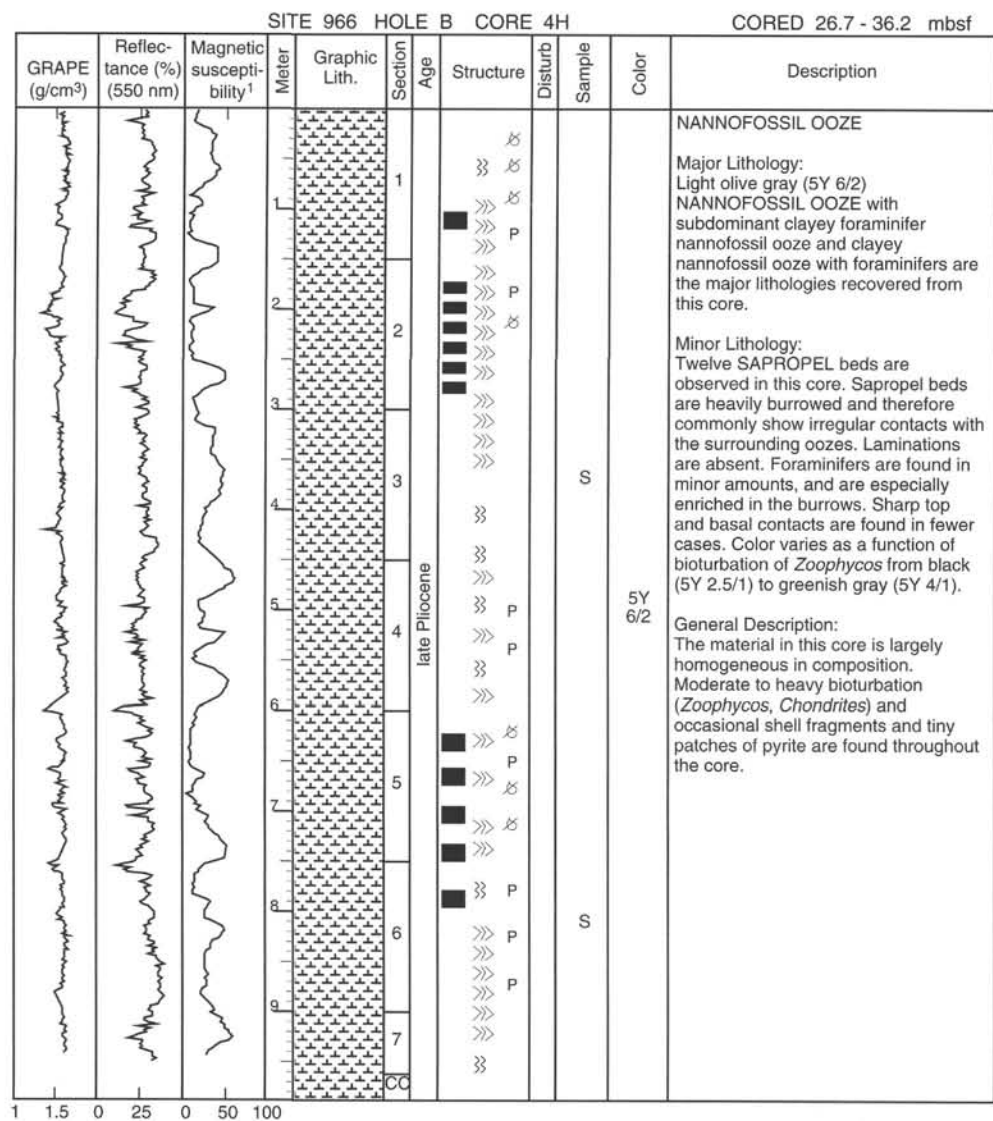


SITE 966 HOLE B CORE 2H

CORED 7.7 - 17.2 mbsf

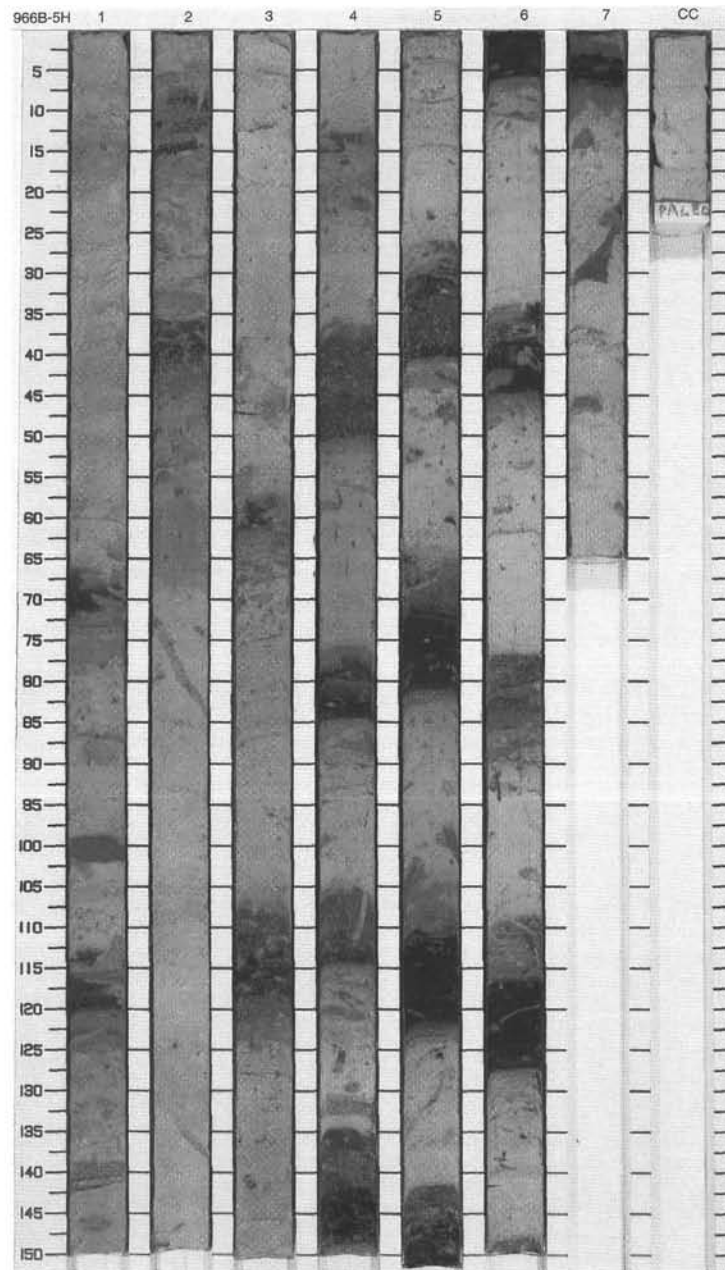
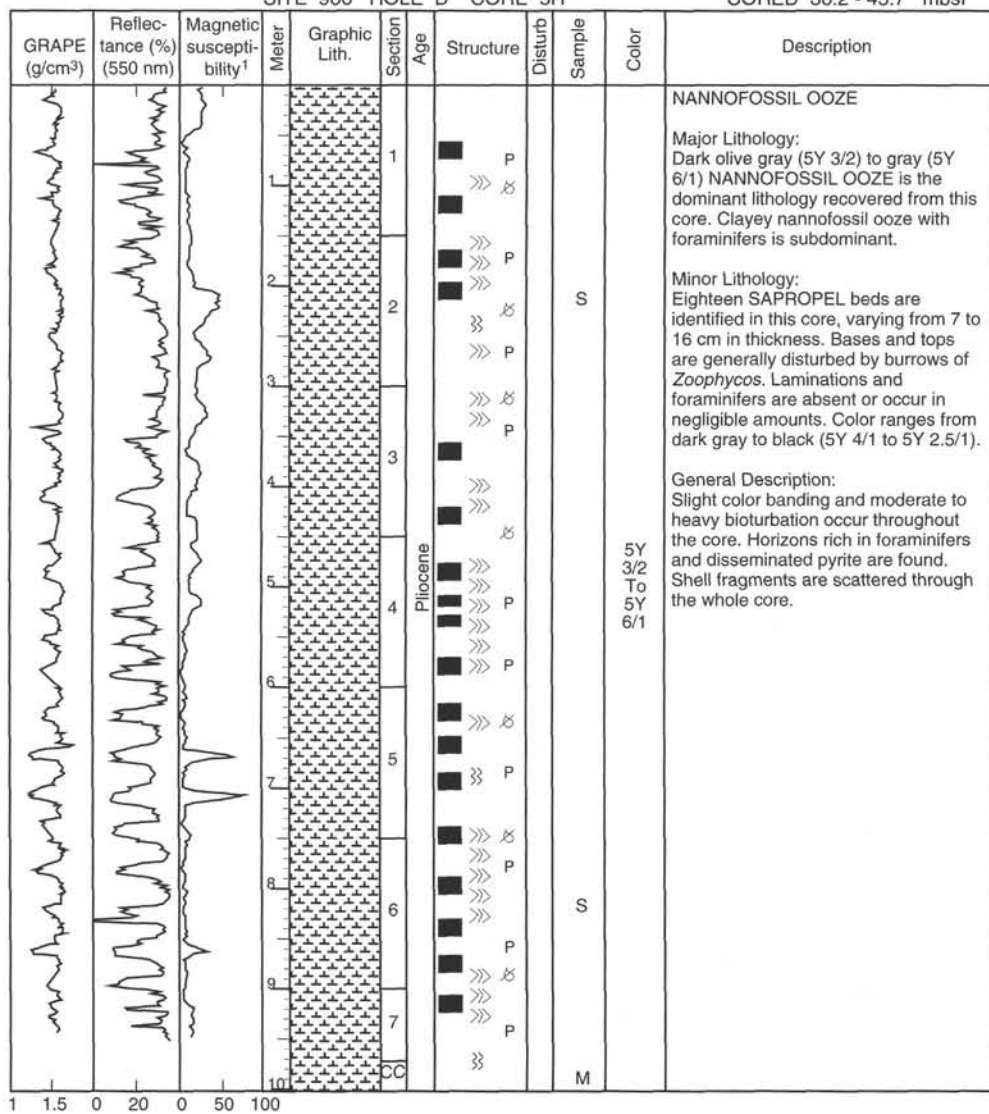






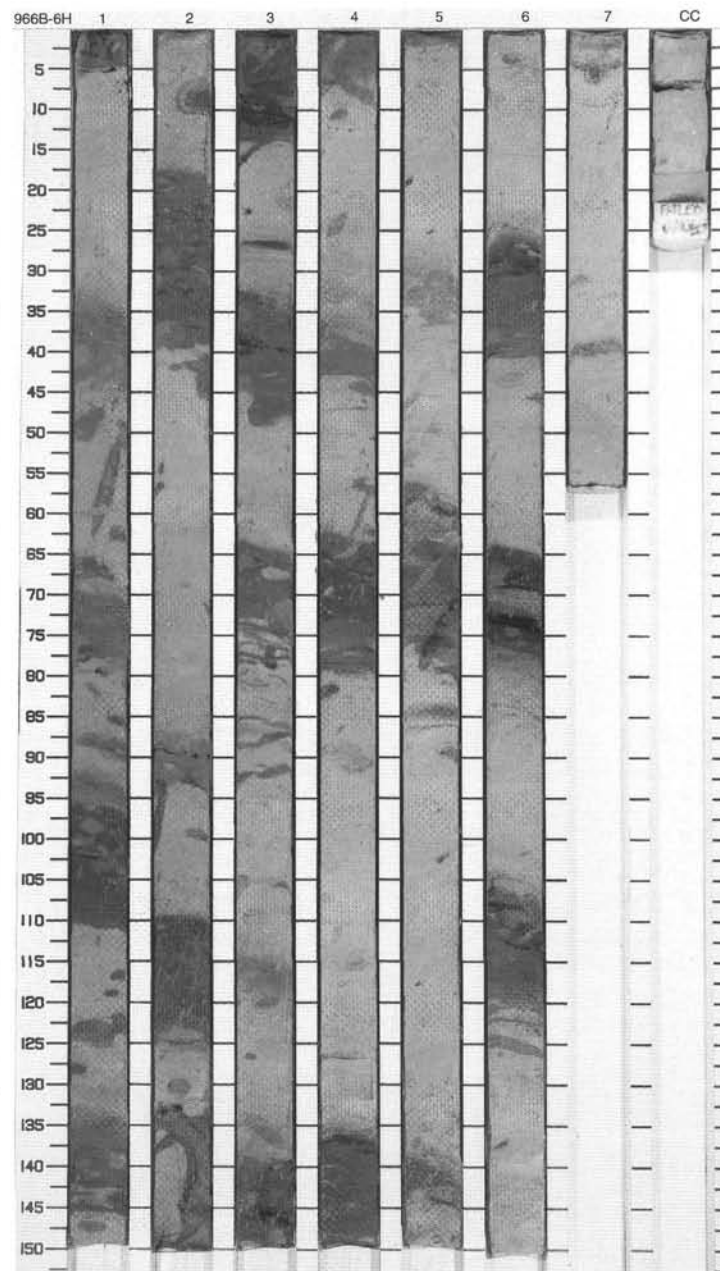
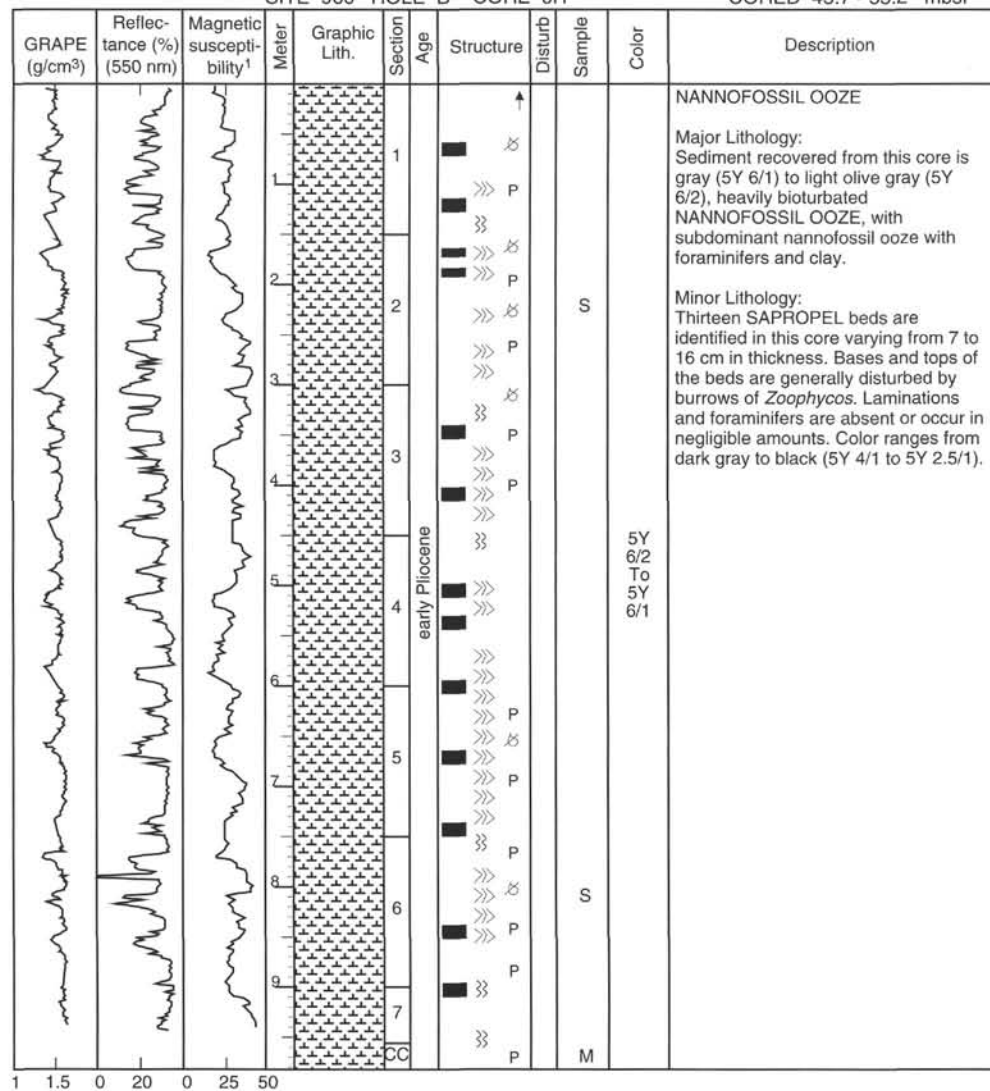
SITE 966 HOLE B CORE 5H

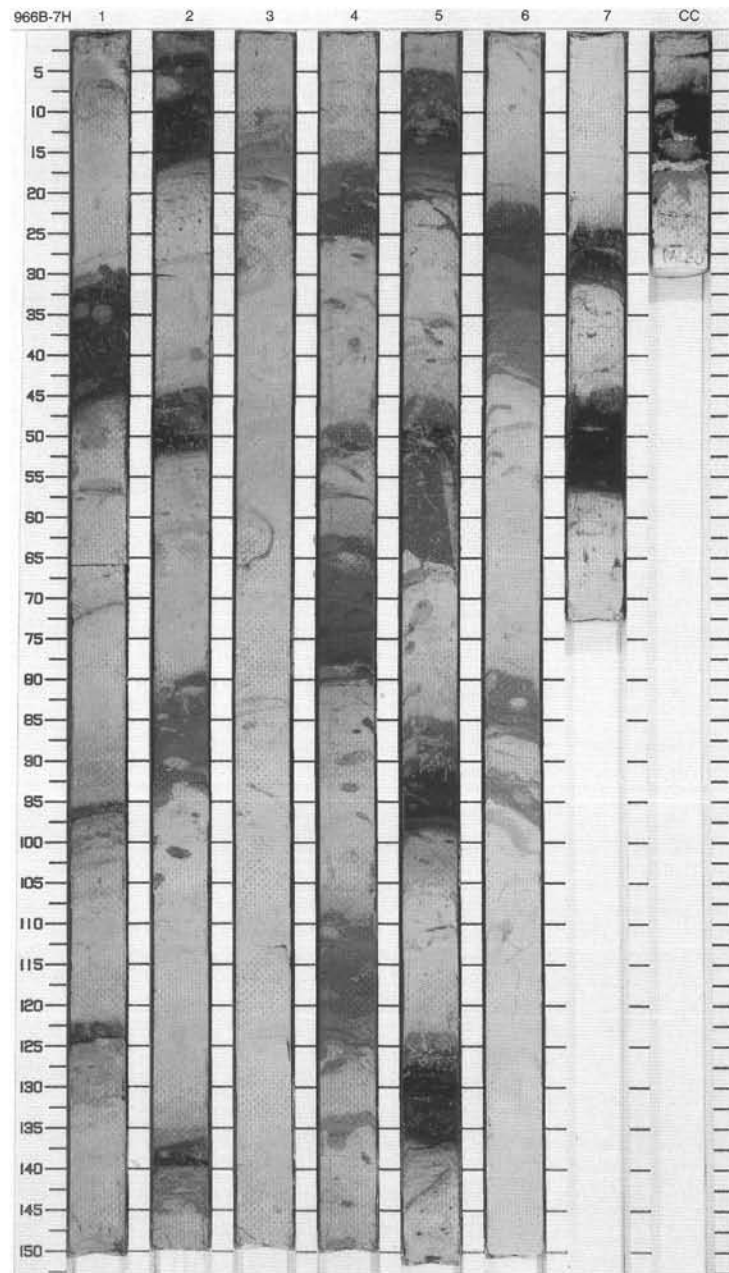
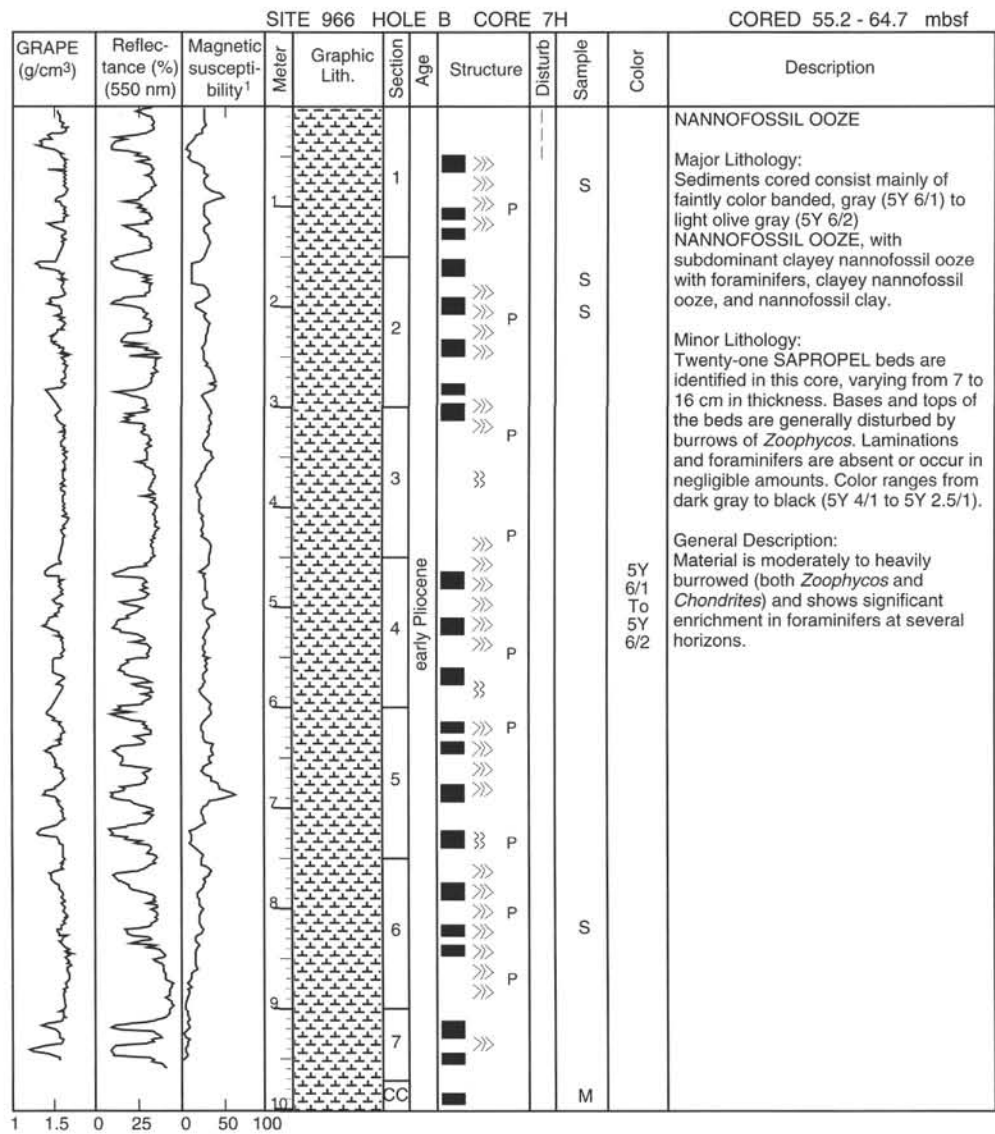
CORED 36.2 - 45.7 mbsf



SITE 966 HOLE B CORE 6H

CORED 45.7 - 55.2 mbsf

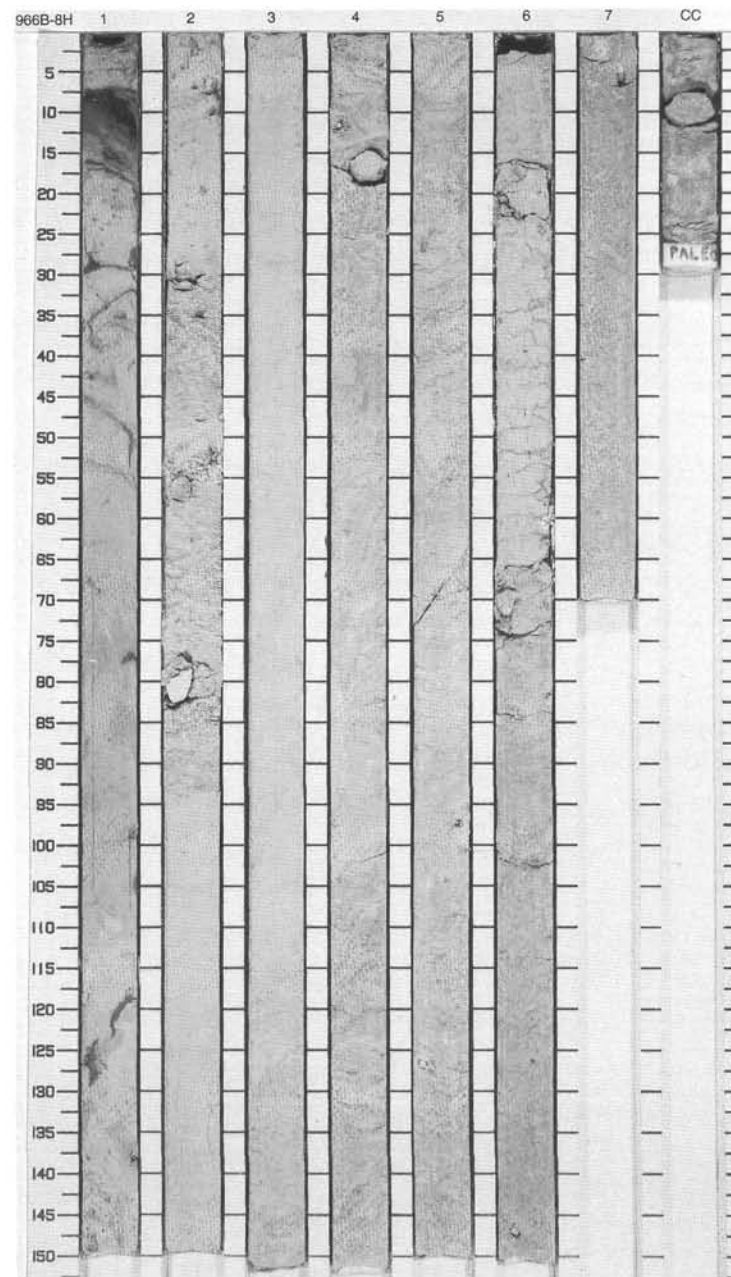




SITE 966 HOLE B CORE 8H

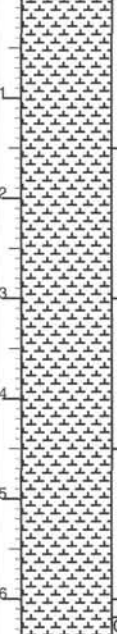
CORED 64.7 - 74.2 mbsf

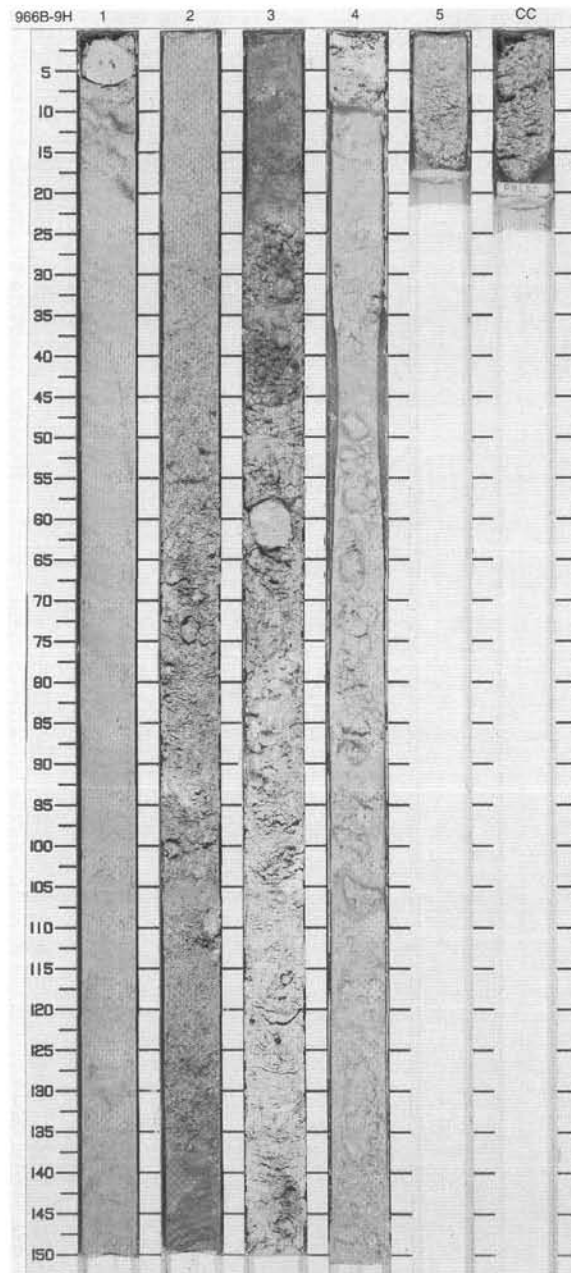
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}}		S		<p>NANNOFOSSIL OOZE</p> <p>Major Lithologies: Light gray (5Y 7/1) to white (5Y 8/1) NANNOFOSSIL OOZE is the dominant lithology recovered from this core, with subdominant calcareous silt, calcareous nannofossil ooze, and nannofossil ooze with foraminifers.</p> <p>Minor Lithology: One 5-cm-thick, dark gray (5Y 3/1) SAPROPEL bed occurs in Section 1, 7 through 12 cm. The base of the bed is irregular and is slightly burrowed. Laminations and foraminifers are absent.</p> <p>General Description: Sediments are homogeneous and show occasional enrichment in foraminifers (Section 2). Limestone lithoclasts are found in Sections 4 to 7.</p>
2		2		}}		S		
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150		150		}}		S		




SITE 966 HOLE B CORE 9H

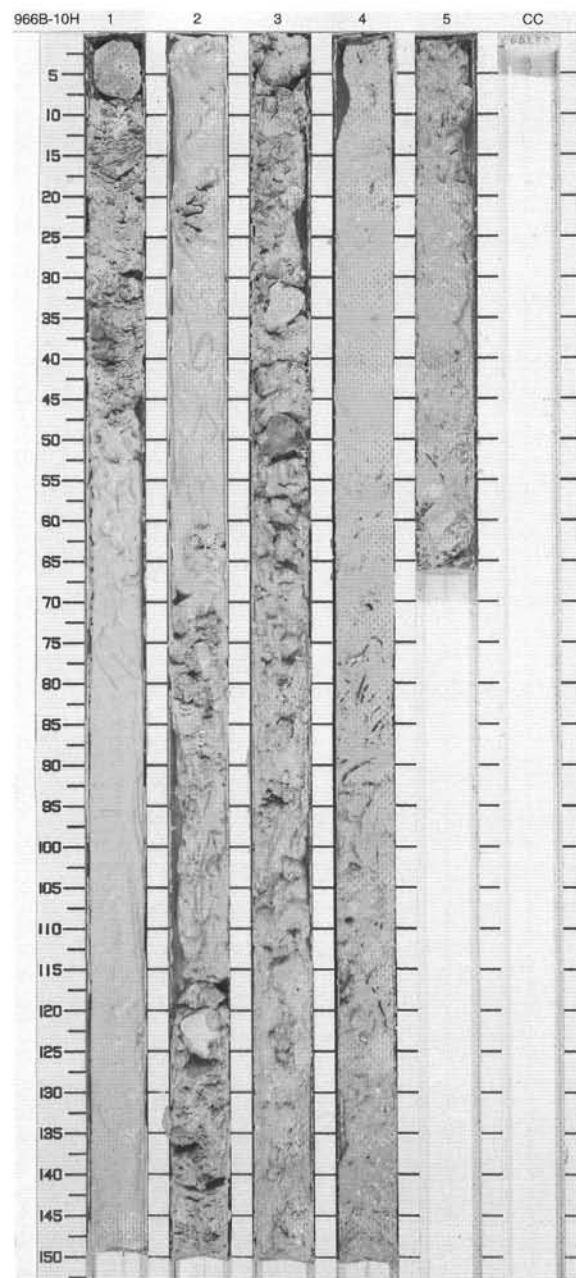
CORED 74.2 - 83.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene	◇	W	S	5GY 7/1	<p>NANNOFOSSIL OOZE</p> <p>Major Lithology: The dominant lithology recovered in this core is a light greenish gray (5GY 7/1) NANNOFOSSIL OOZE. Below Section 1 there are several crudely bedded layers with large (up to 3 cm) limestone clasts embedded in a silty calcareous matrix.</p>
2		2						
3		3		◇	OOOO			
4		4			WWWWWWWWWW			
5		5		◇	WWWWWWWWWW			
6		6			WWWWWWWWWW	M		



SITE 966 HOLE B CORE 10H CORED 83.7 - 90.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene	◇	W			<p>CALCAREOUS CONGLOMERATE and CALCARENITE</p> <p>Major Lithologies: The sediment in this core is a gray (5Y 6/1) to white (7.5YR N8/0) matrix-supported CALCAREOUS CONGLOMERATE with clasts of limestone up to 5 cm in diameter. Intervals of CALCARENITE are also present.</p> <p>General Description: The sediment in this core is highly disturbed with only short intervals (less than 1 m) of original structure preserved.</p>
2		2		◇	W			
3		3		◇	W			
4		4		◇	W			
5		5		◇	W			
6						M	5Y 6/1 TO 7.5YR N8/0	



SITE 966 HOLE B CORE 11X

CORED 90.3 - 97.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene		I	S	10Y 7/1	NANNOFOSSIL OOZE Major Lithology: The sediment in this core is a light gray (10Y 7/1), semi-compacted NANNOFOSSIL OOZE with scattered carbonate clasts.
2		2				S		
3		3						
		CC				M		

SITE 966 HOLE B CORE 12X

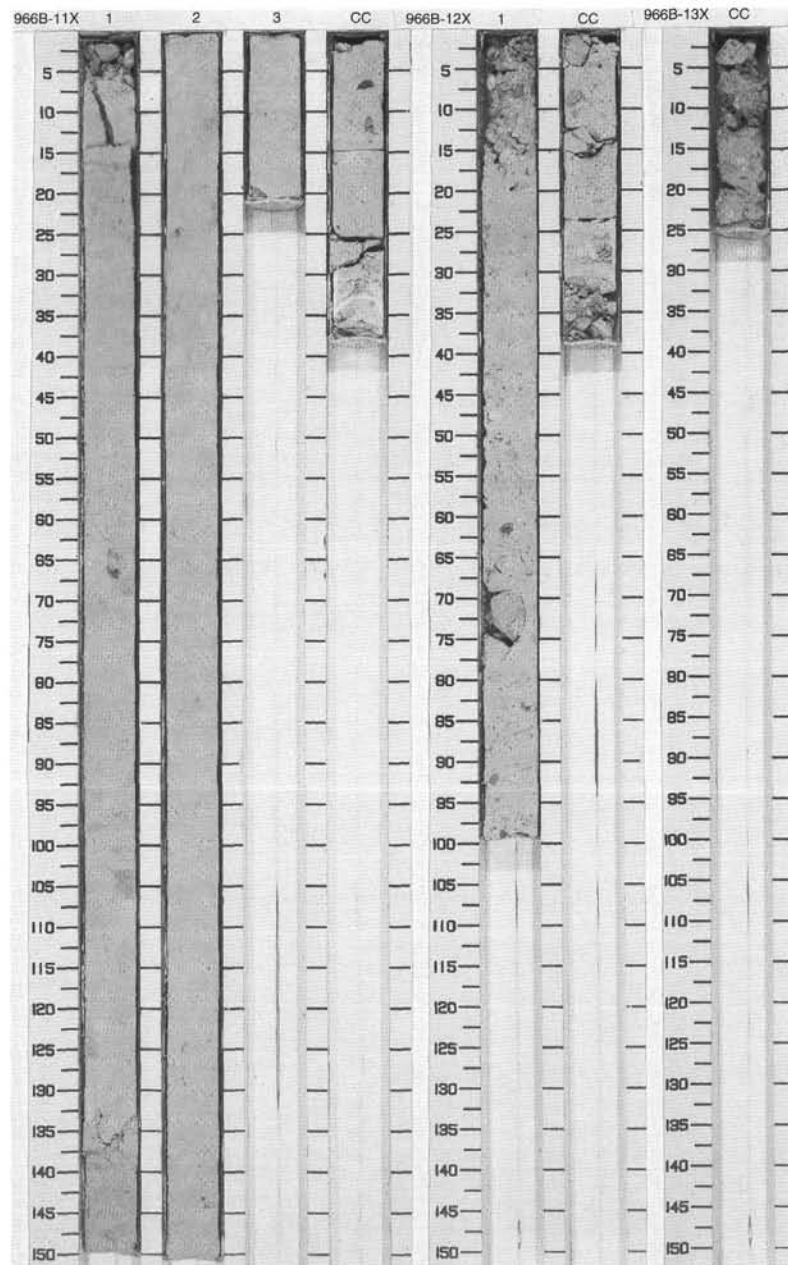
CORED 97.9 - 107.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				S	10Y 8/1	CALCAREOUS CONGLOMERATE Major Lithology: The sediment in this core is a compacted, white matrix-supported (10Y 8/1) CALCAREOUS CONGLOMERATE with white to blue-green limestone clasts in a micrite matrix.
		CC				M		

SITE 966 HOLE B CORE 13X

CORED 107.5 - 117.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC			I	M		CALCAREOUS CONGLOMERATE Major Lithology: The sediment in this core is a matrix-supported CALCAREOUS CONGLOMERATE with limestone clasts in a micrite matrix. General Description: Core recovery 2%.



SITE 966 HOLE B CORE 14X CORED 117.1 - 126.7 mbsf

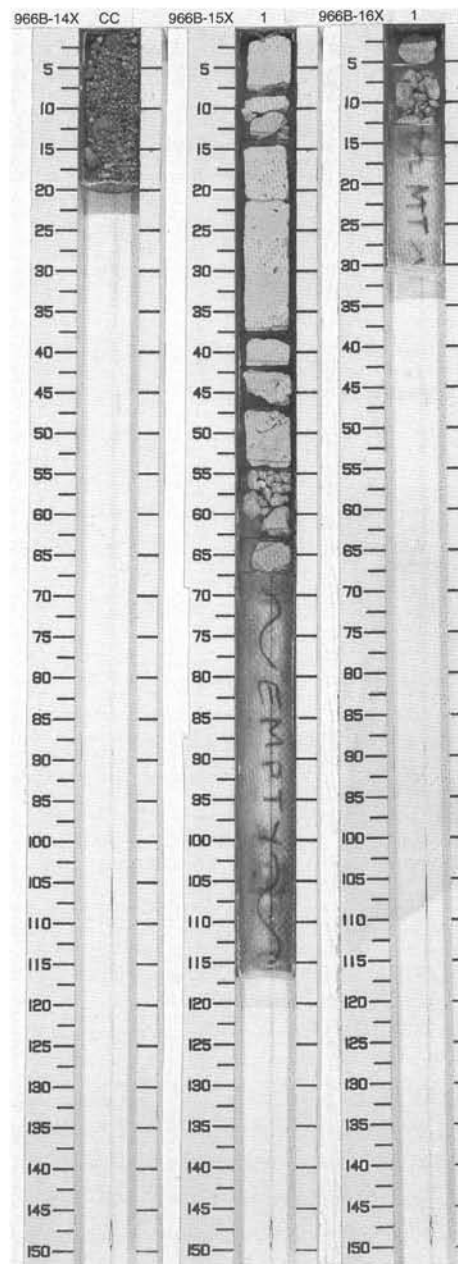
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						CARBONATE PEBBLES
<p>Major Lithology: CARBONATE PEBBLES were the only material recovered in this core.</p> <p>General Description: Core recovery 1%.</p>								

SITE 966 HOLE B CORE 15X CORED 126.7 - 136.3 mbsf

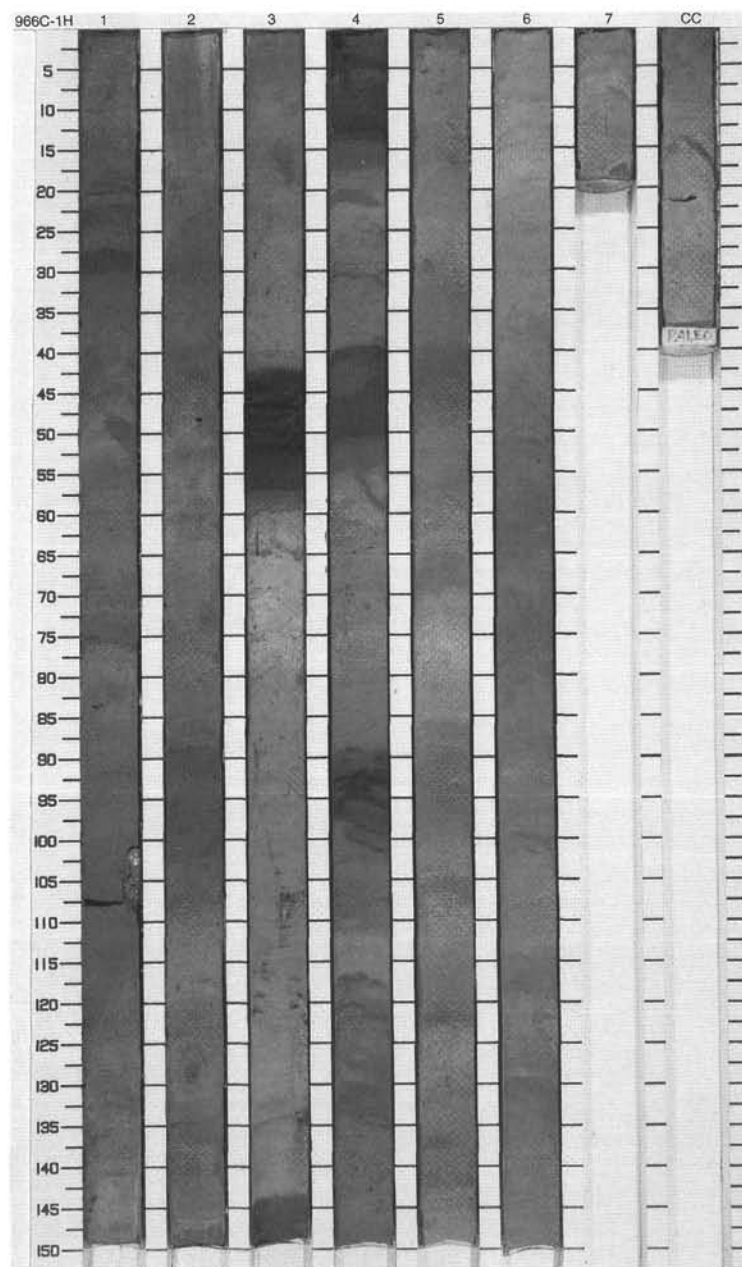
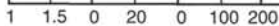
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1		ZZ X ZZ ZZ	++ ++ ++ ++			LIMESTONE
<p>Major Lithology: The rock recovered in this core is a weakly cross-bedded LIMESTONE, with shells throughout.</p>								

SITE 966 HOLE B CORE 16X CORED 136.3 - 146.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		+						LIMESTONE
<p>Major Lithology: LIMESTONE clasts from approximately 1 to 4 cm in diameter were the only material recovered in this core.</p> <p>General Description: Core recovery 1%.</p>								

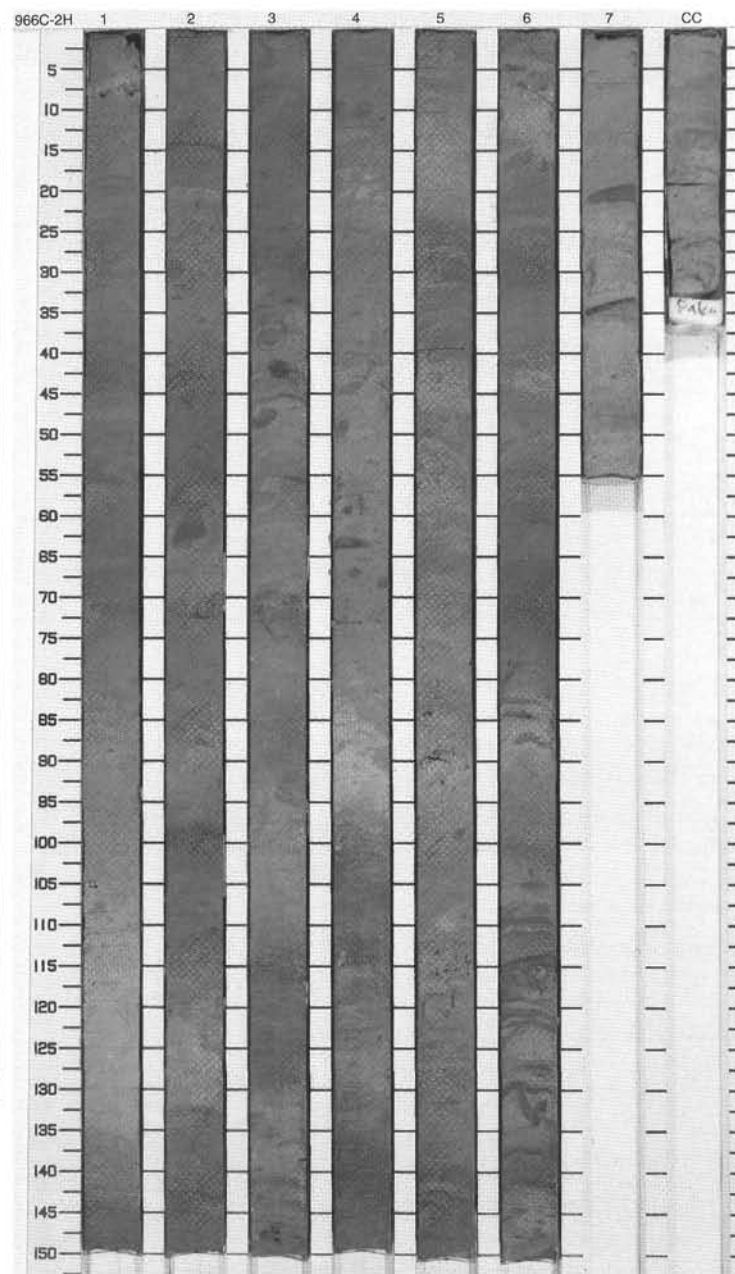
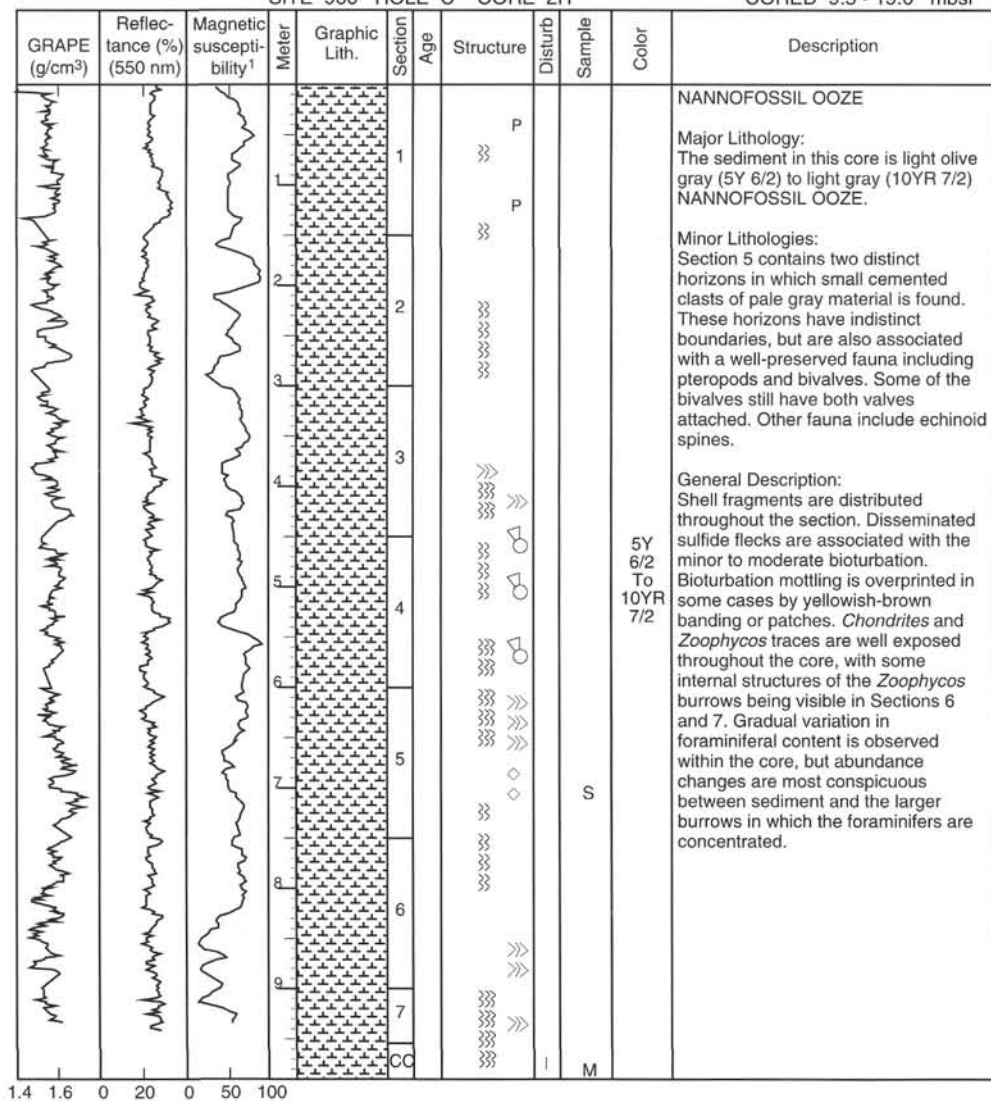


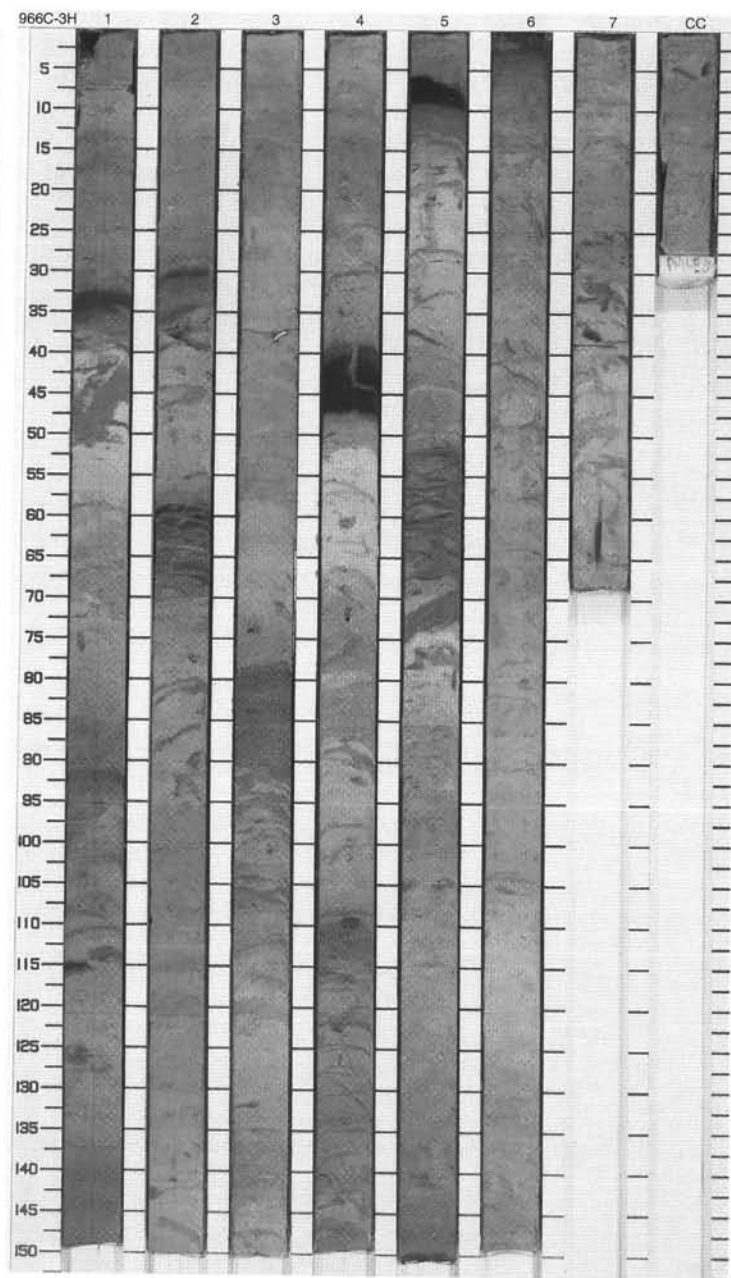
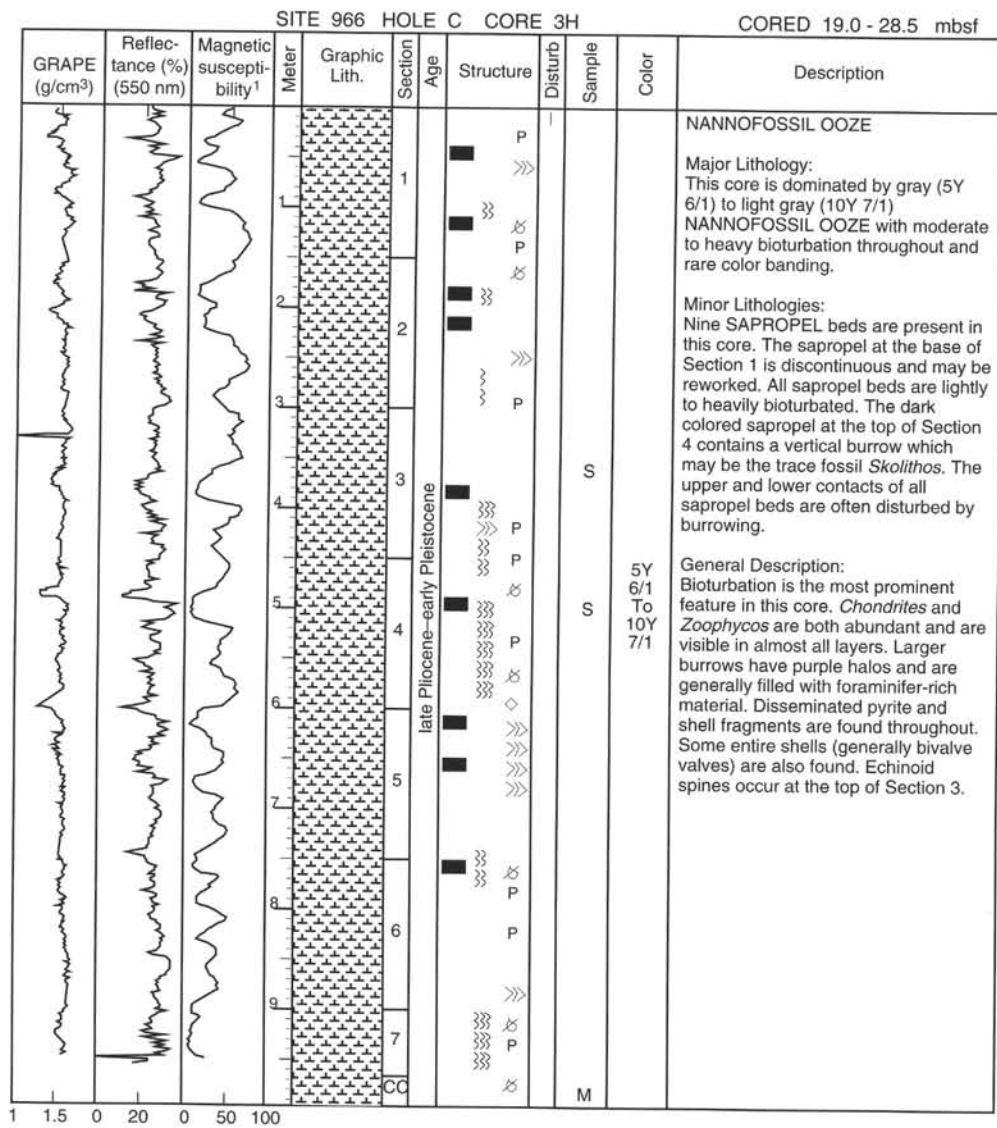
CORED 0.0 - 9.5 mbsf



SITE 966 HOLE C CORE 2H

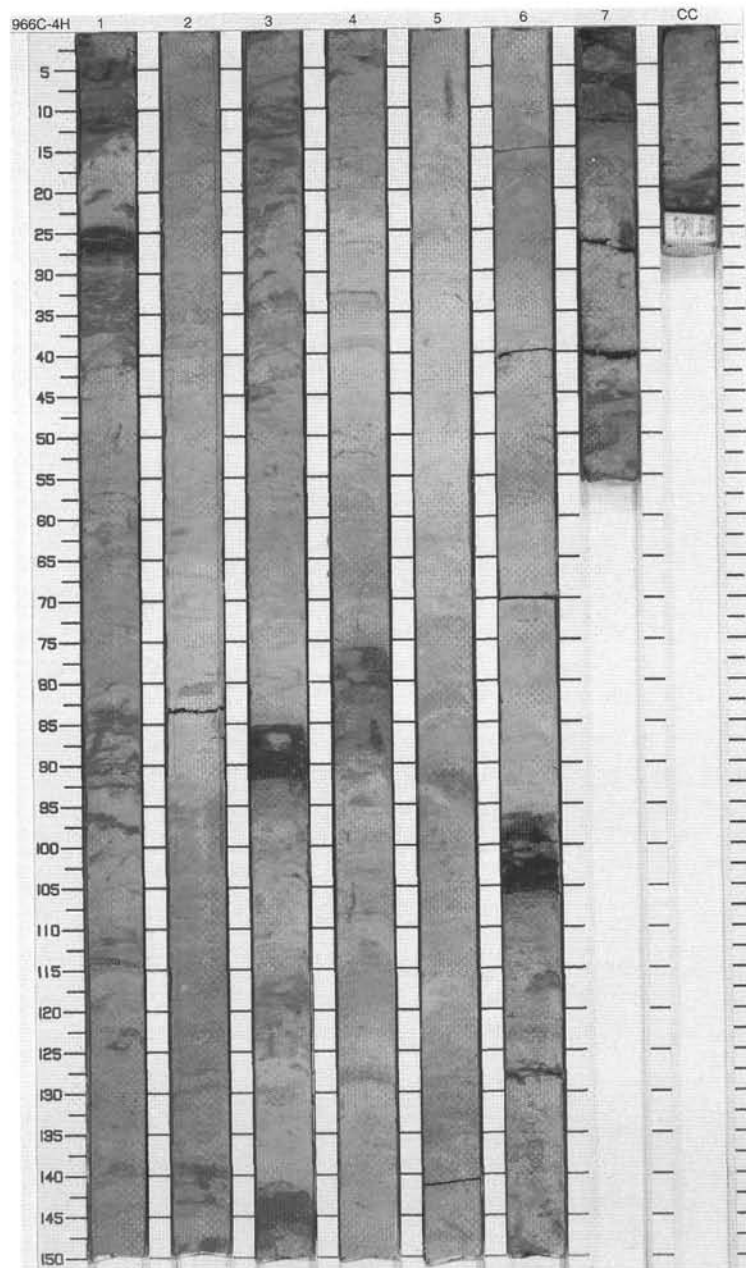
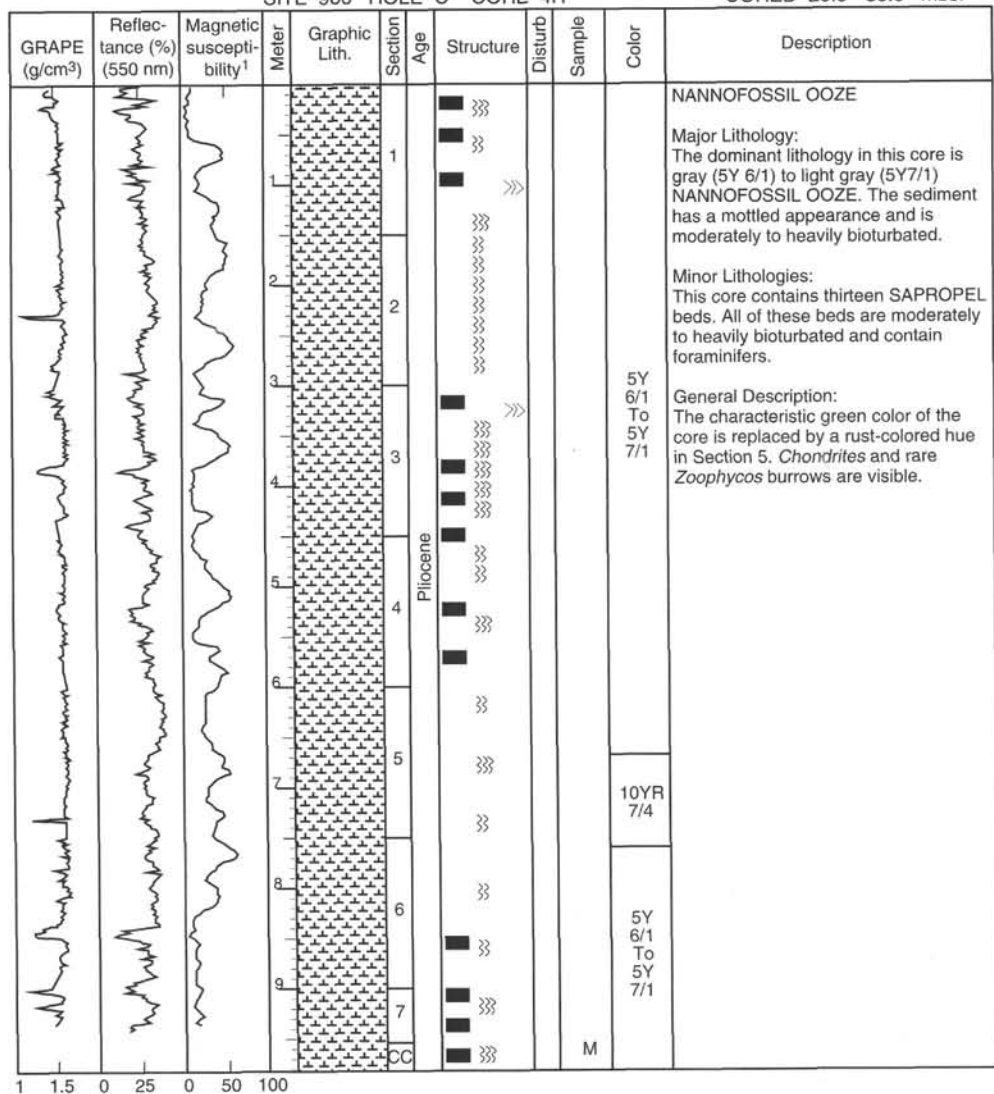
CORED 9.5 - 19.0 mbsf

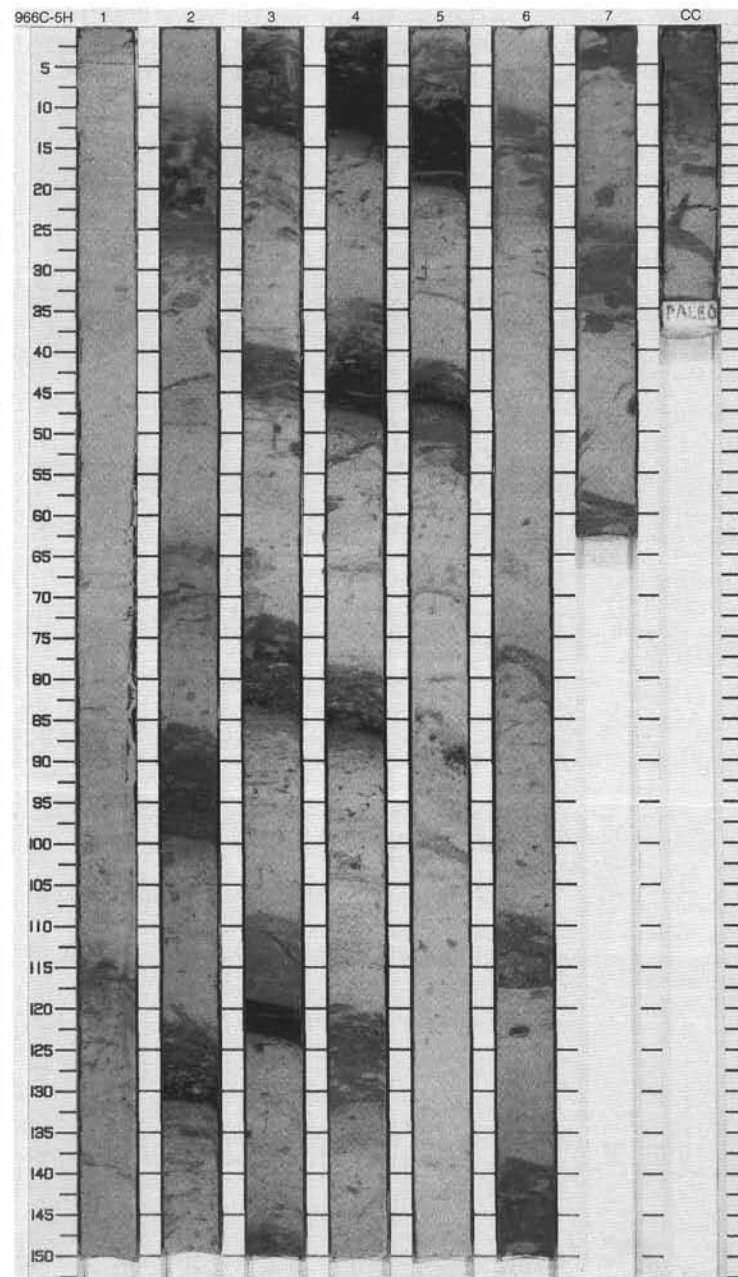
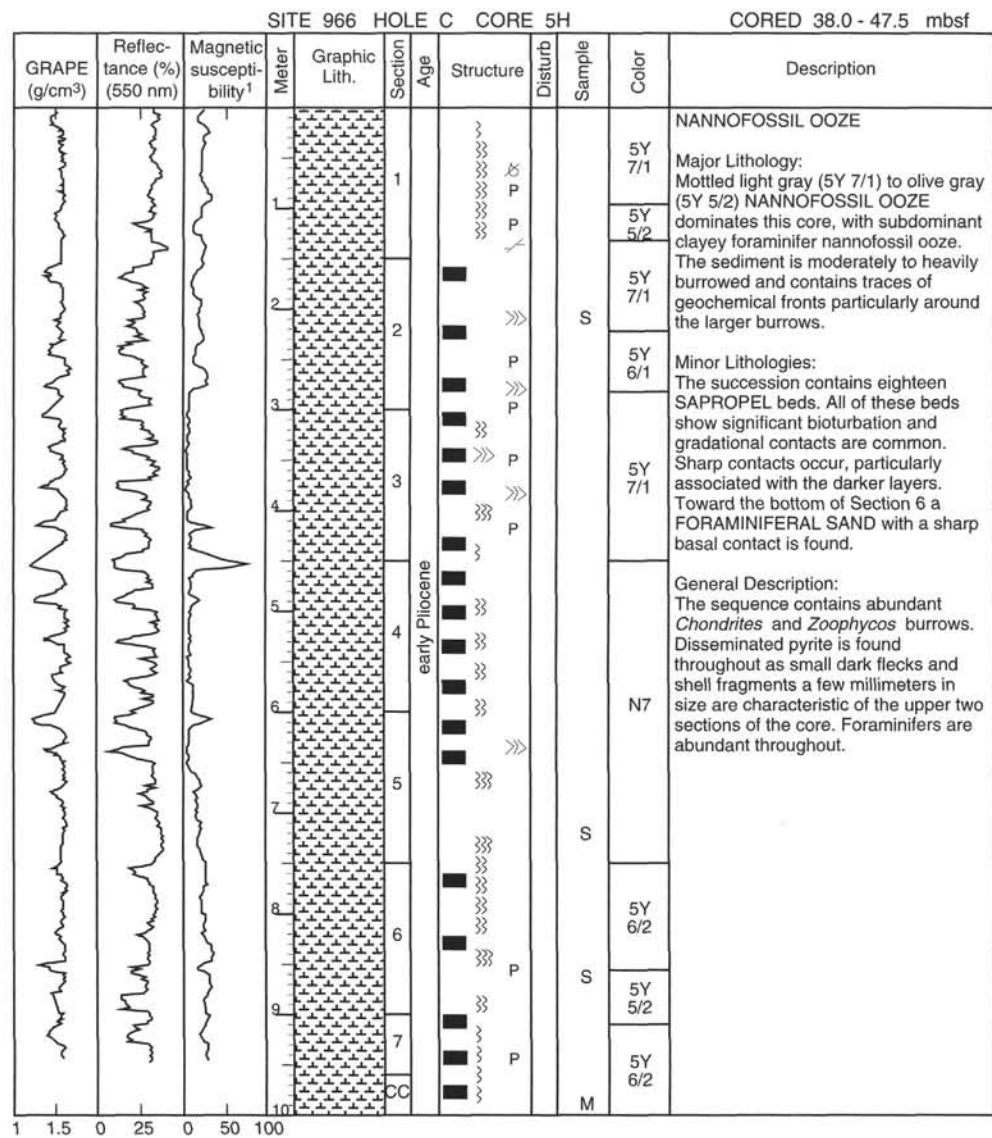


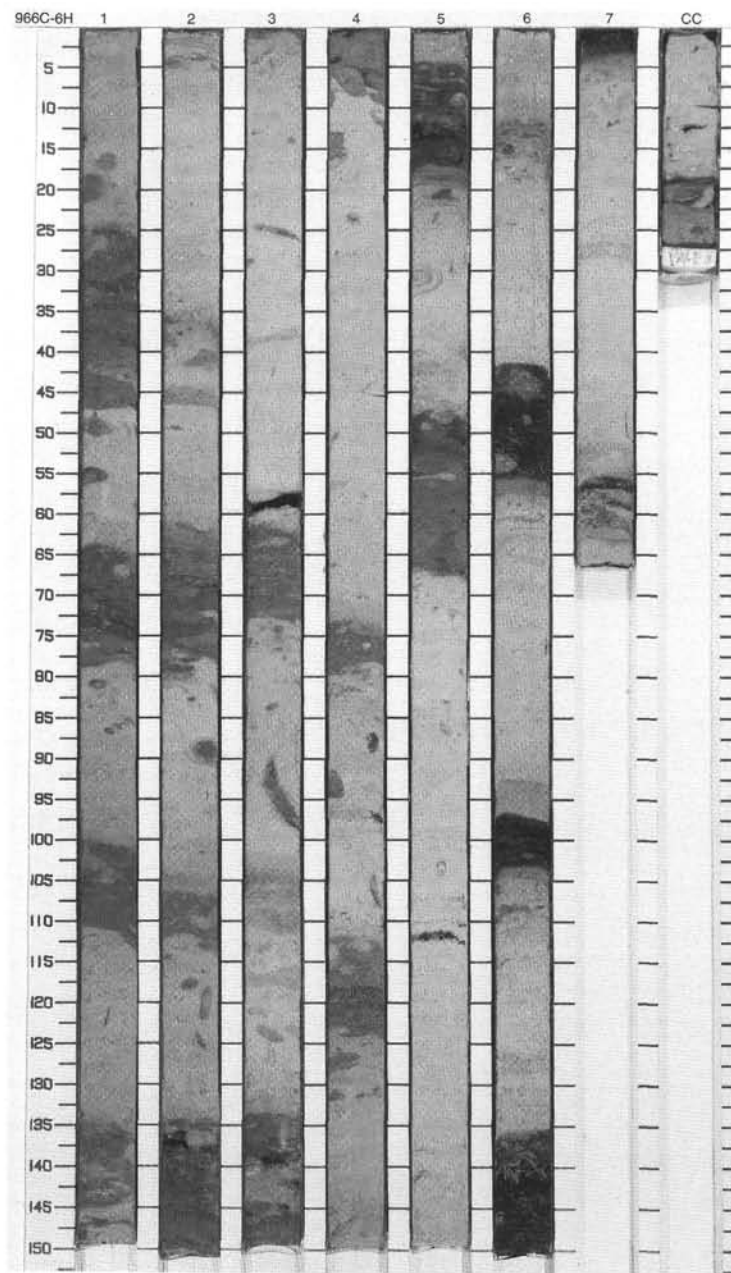


SITE 966 HOLE C CORE 4H

CORED 28.5 - 38.0 mbsf

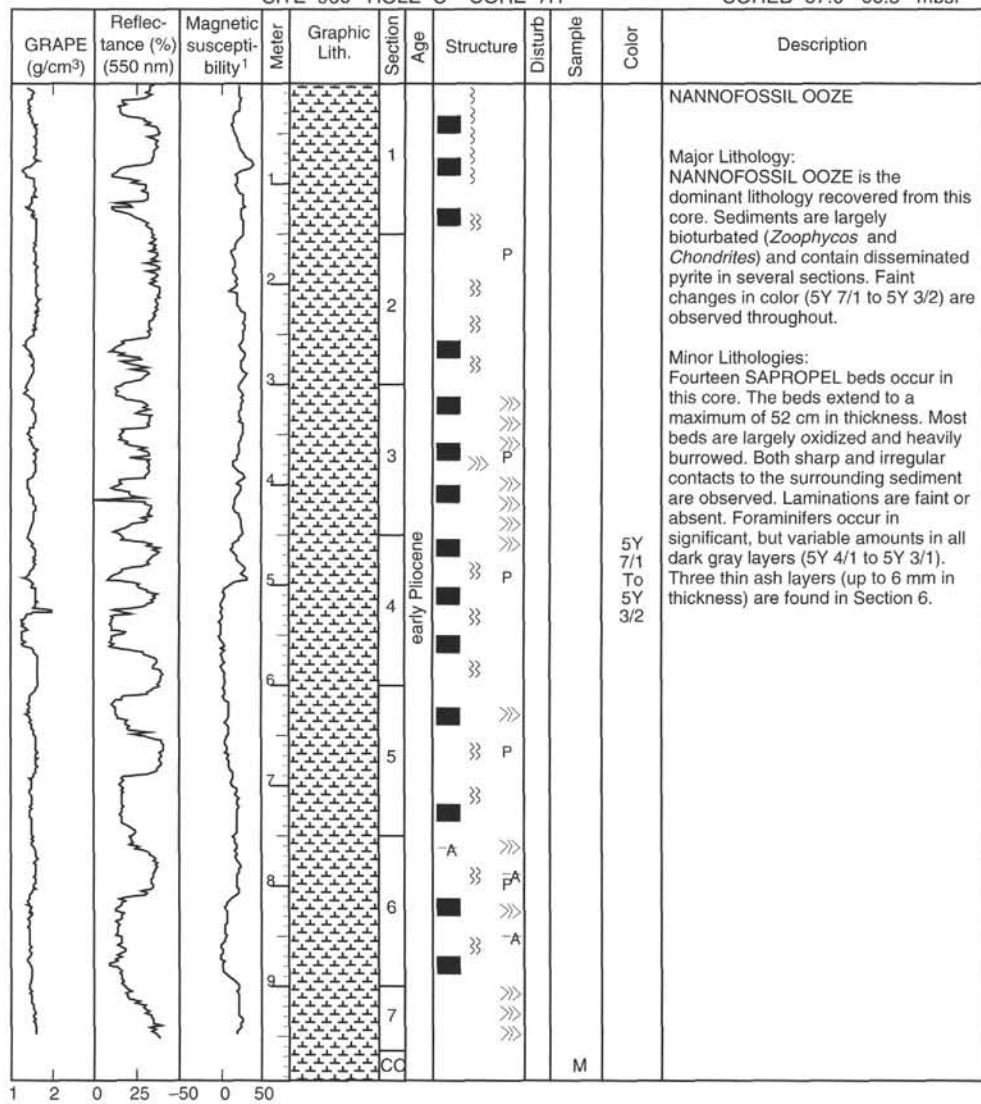






SITE 966 HOLE C CORE 7H

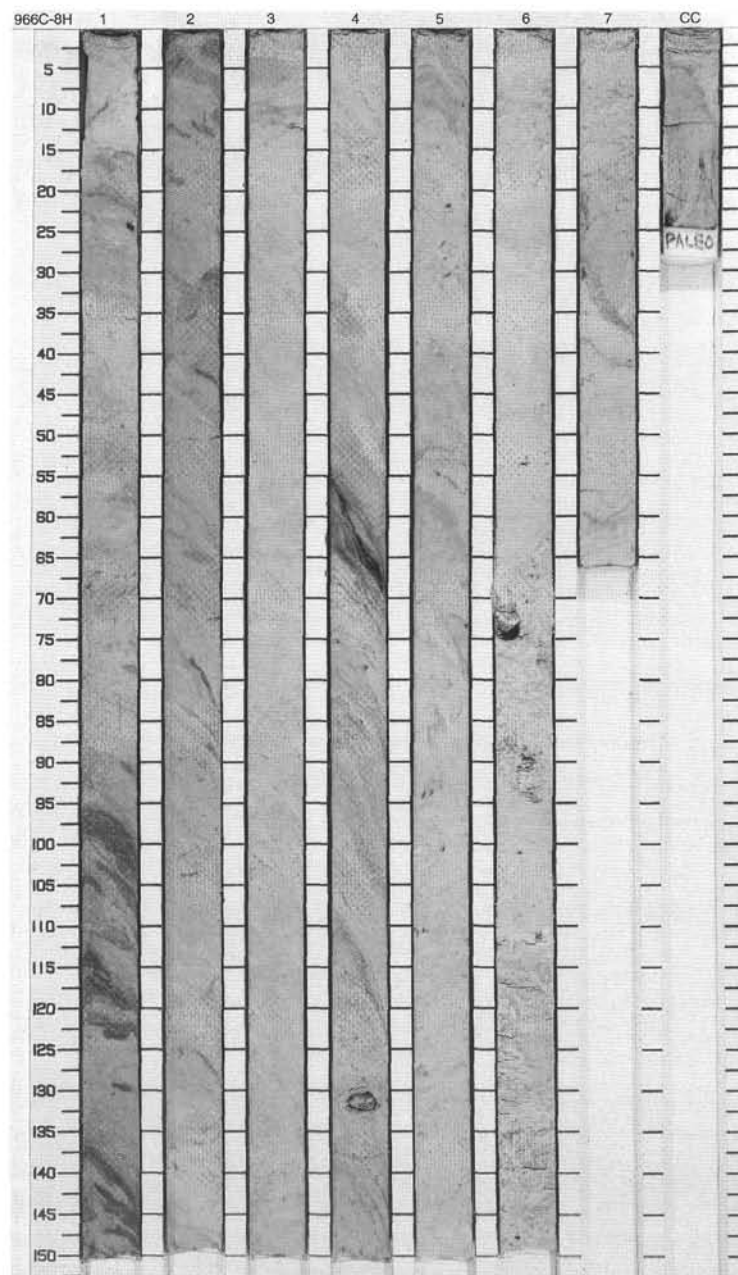
CORED 57.0 - 66.5 mbsf



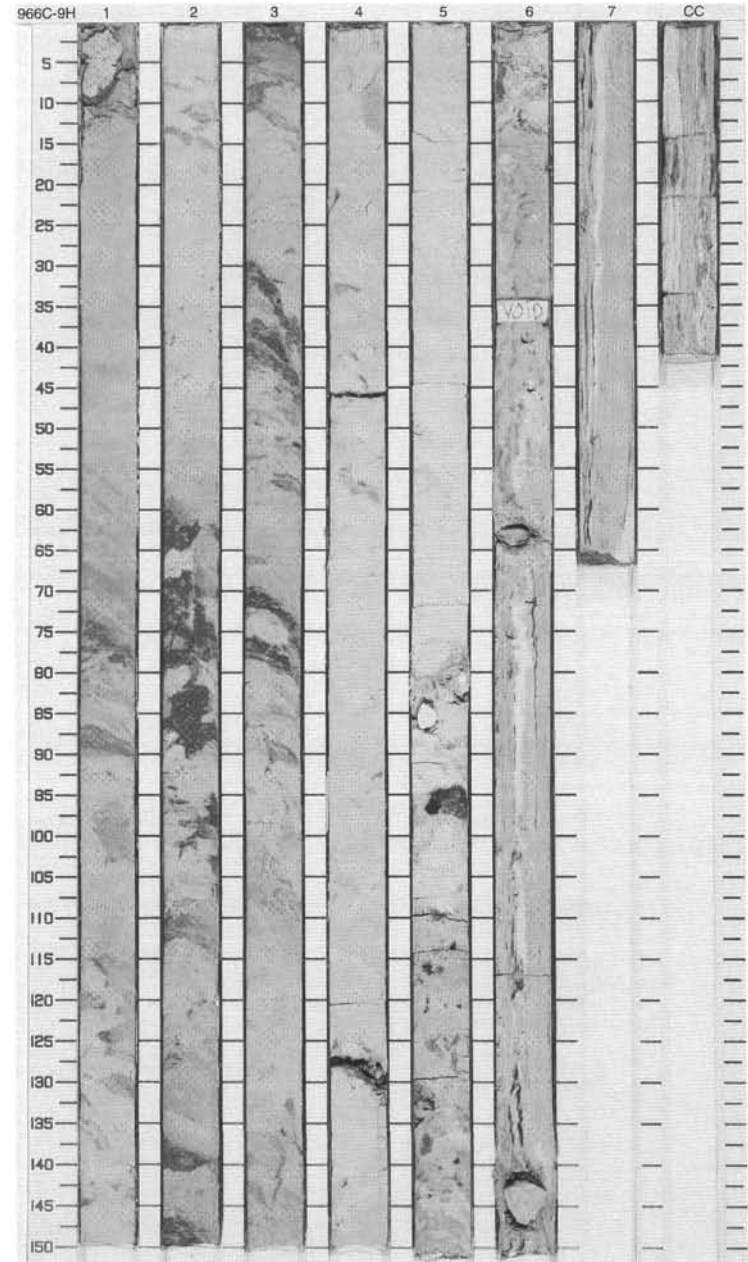
SITE 966 HOLE C CORE 8H

CORED 66.5 - 76.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}}		S		NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH FORAMINIFERS
2		2		}}				
3		3		}}				
4		4	early Pliocene	}}			5Y 5/1 To 5Y 8/1	Major Lithologies: Gray (5Y 5/1) to white (5Y 8/1) NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH FORAMINIFERS are the dominant lithologies recovered from this core. The sediment is largely homogeneous and slightly to moderately bioturbated.
5		5		}}				General Description: Dipping thin color bands are present in Sections 1 through 5. Sections 4 and 6 contain subangular limestone clasts.
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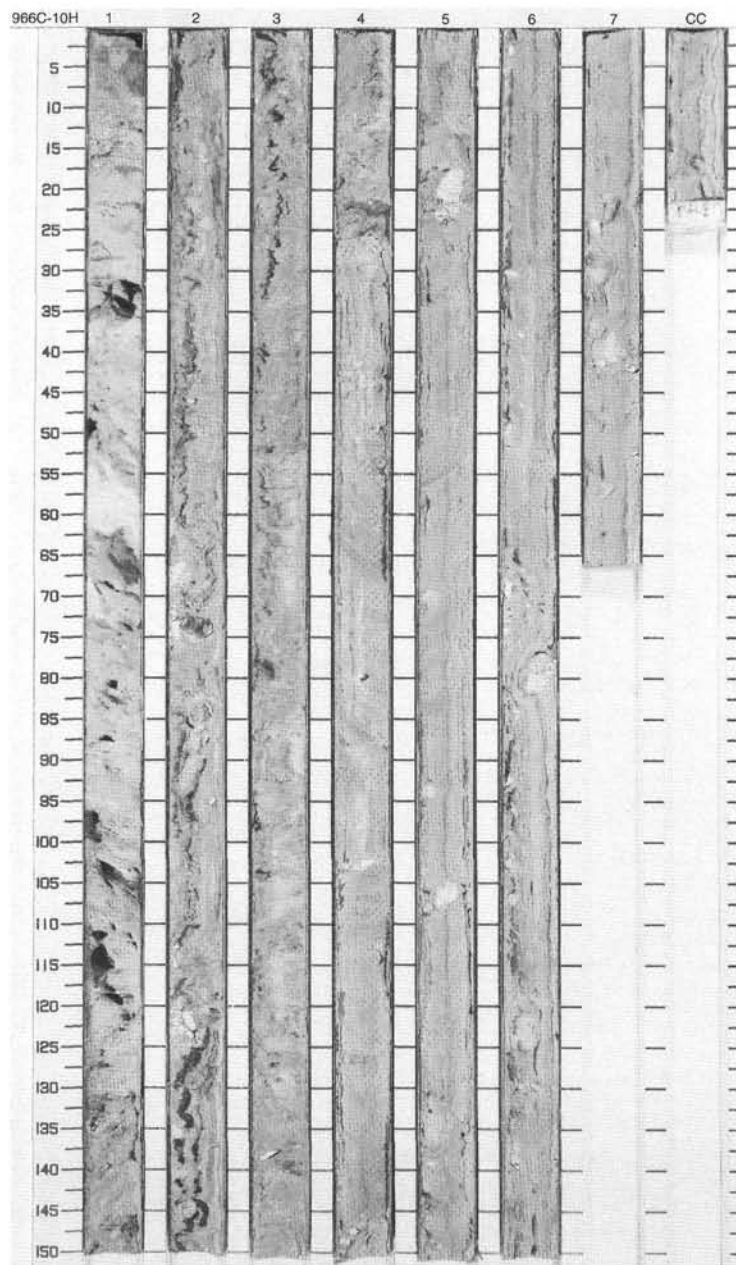
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		~	◆	S		NANNOFOSSIL OOZE
2		2		~		S		Major Lithologies: Sediment recovered from this core is gray (5Y 6/1) to dark greenish gray (5GY 4/1) NANNOFOSSIL OOZE, which is moderately to heavily bioturbated. Subdominant lithologies included calcareous sand and silt and siliceous calcareous sand with rock fragments.
3		3		~		S		Minor Lithology: Three SAPROPELS with diffuse tops and bases are found in this core. Laminations and foraminifers are absent. Sapropels are heavily burrowed and of olive gray color (5Y 4/2).
4		4	early Pliocene	~		S	5Y 6/1 To 5GY 4/1	General Description: The sediment in this core is homogeneous and shows occasional color banding. Lithoclasts of limestone reach up to 10 cm in diameter and occur both in nannofossil oozes and in a brownish matrix that may represent oxidized and burrowed sapropels. Foraminifers and pyrite are observed in several intervals. The material found below Section 6, 35 cm, shows irregular sedimentary patterns and was sucked into the core liner during the drilling process.
5		5		~		S		
6		6		~		S		
7		7		~		S		
8		8		~		S		
9		9		~		S		
10		10		~		S		
11		11		~		S		
12		12		~		S		
13		13		~		S		
14		14		~		S		
15		15		~		S		
16		16		~		S		
17		17		~		S		
18		18		~		S		
19		19		~		S		
20		20		~		S		
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29		29		~		S		
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31		31		~		S		
32		32		~		S		
33		33		~		S		
34		34		~		S		
35		35		~		S		
36		36		~		S		
37		37		~		S		
38		38		~		S		
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SITE 966 HOLE C CORE 10H

CORED 85.5 - 95.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		◆	WW			CALCAREOUS OOZE
2		2		◇◇	WW			Major Lithology: White (7.5 YR N8/0) CALCAREOUS OOZE is the dominant lithology recovered from this core. In Section 1, 0–50 cm, the material is rich in pebbles and lithoclasts of limestone. Below that interval, the fine-grained sediment is foraminifer-bearing and homogeneous.
3		3			WW			General Description: Sediment of Sections 2 through 7 was sucked into the core liner during the drilling process. Smashed plastic pieces of the core liner and several limestone particles are scattered throughout this interval.
4		4			WW			
5		5			WW		7.5YR N8/0	
6		6			WW			
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SITE 966 HOLE C CORE 11H CORED 95.0 - 95.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
								CALCARENITE
Major Lithology: One CALCARENITE clast was the only material recovered in this core.								


SITE 966 HOLE C CORE 12X CORED 95.1 - 102.8 mbsf

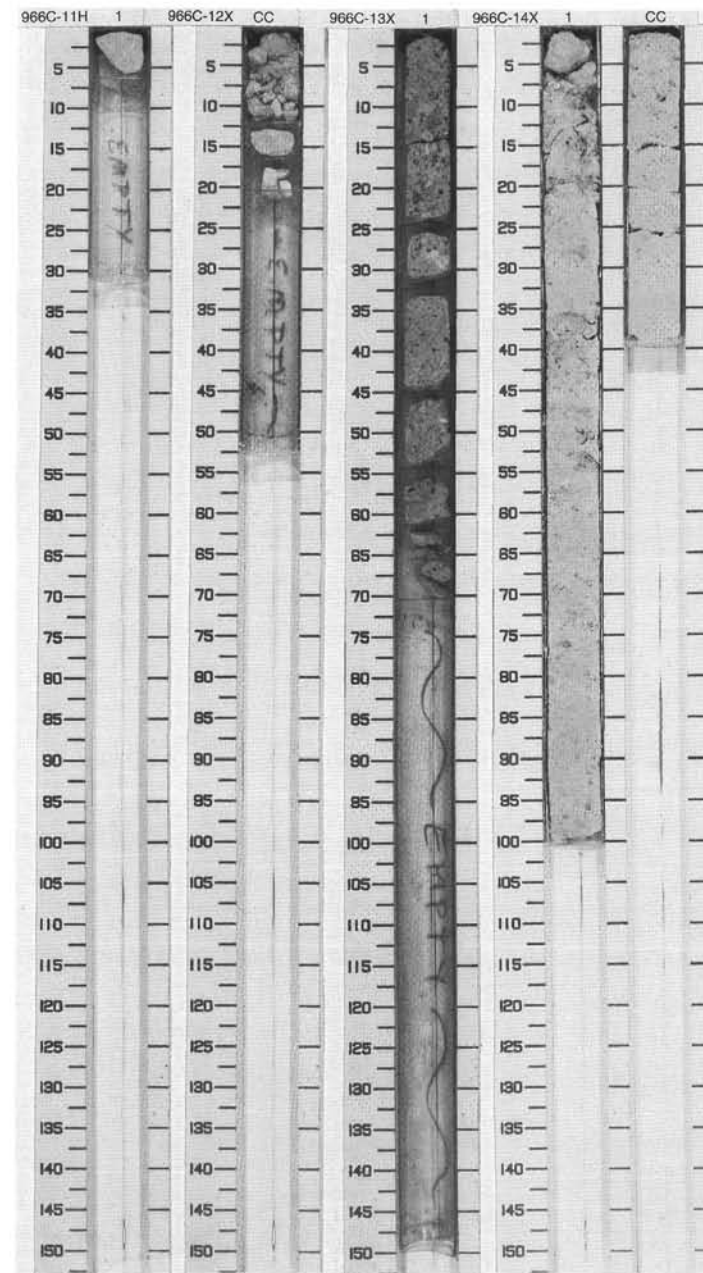
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						CALCARENITE
Major Lithology: The only material recovered in this core consists of clasts of vuggy, bioclastic CALCARENITE interbedded with a finer grained CALCARENITE with packstone to grainstone fabric.								
General Description: Thin section sample taken from clast.								

SITE 966 HOLE C CORE 13X CORED 102.8 - 107.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1				S		CALCAREOUS CONGLOMERATE
Major Lithologies: The sediment in this core contains subrounded to rounded clasts of CALCAREOUS CONGLOMERATE up to 5 cm in diameter. These clasts contain calcareous algae, sparry limestone, gastropods, and soft brown material identified as opaline silica. A few clasts show evidence of tectonic brecciation.								

SITE 966 HOLE C CORE 14X CORED 107.8 - 112.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	Miocene			S		CALCEREOUS CONGLOMERATE
Major Lithology: The rock in this core is a matrix-supported CALCEREOUS CONGLOMERATE with angular clasts up to 5 cm in diameter in a greenish calcareous muddy or silty matrix.								



SITE 966 HOLE C CORE 15X CORED 112.6 - 117.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						CALCARENITE and MICRITIC LIMESTONE
Major Lithologies: This core consists of coarse CALCARENITE interlaminated with gray-green MICRITIC LIMESTONE. This calcarenite is scoured down into the micrite causing disruption of the laminae and small-scale flame structures.								

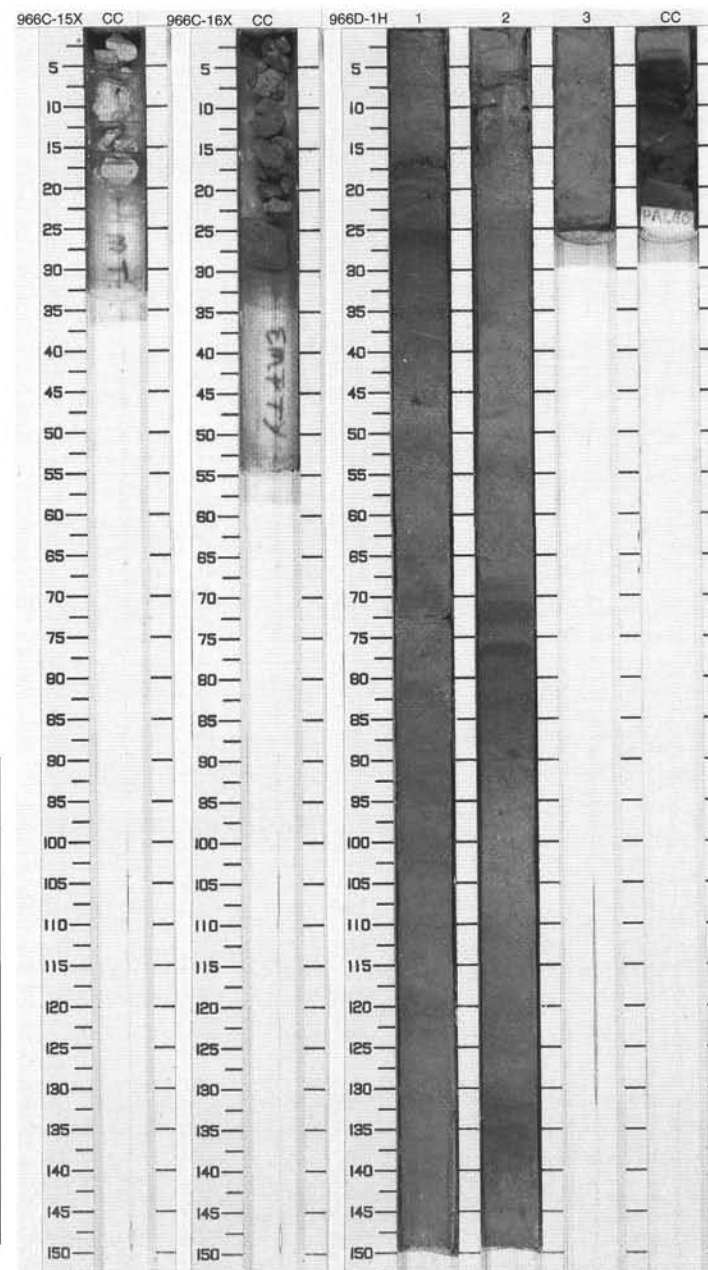
SITE 966 HOLE C CORE 16X CORED 117.4 - 122.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						BRECCIA
Major Lithology: This sediment in this core is a BRECCIA with clasts up to 1 cm in size. The clasts are partially calcareous.								

966C 17X NO RECOVERY

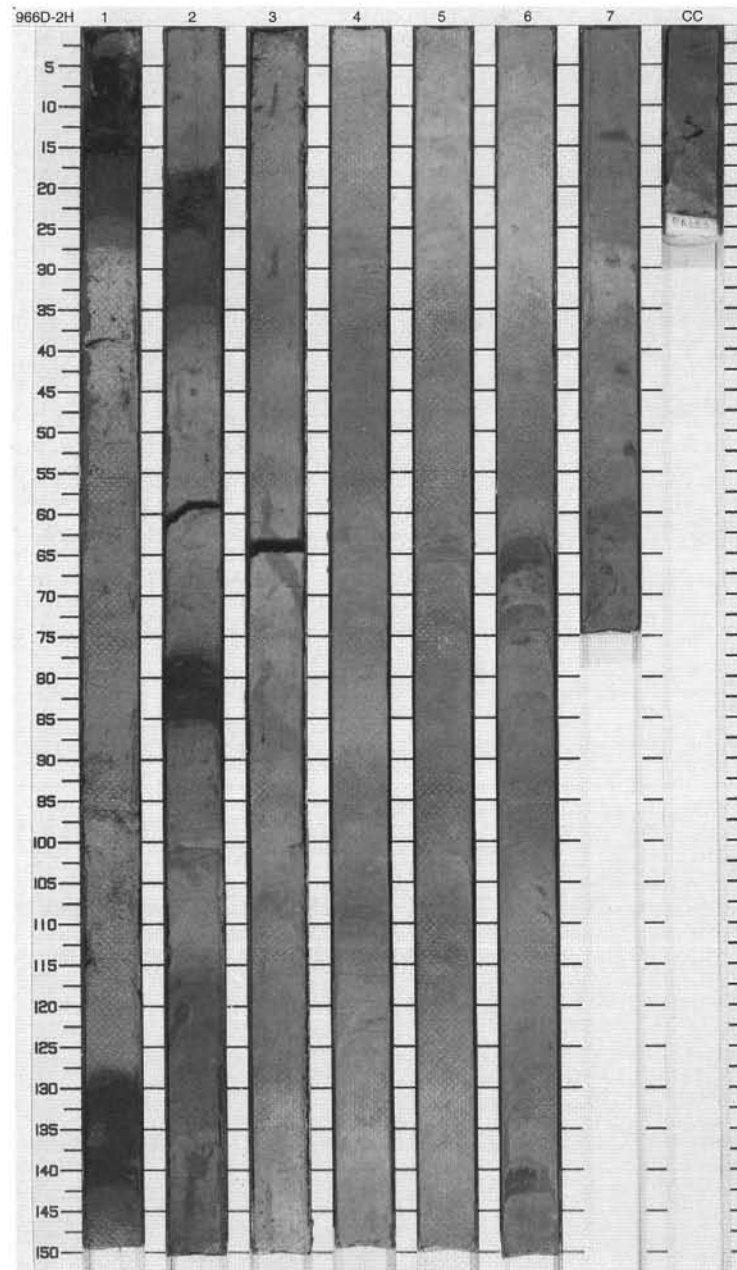
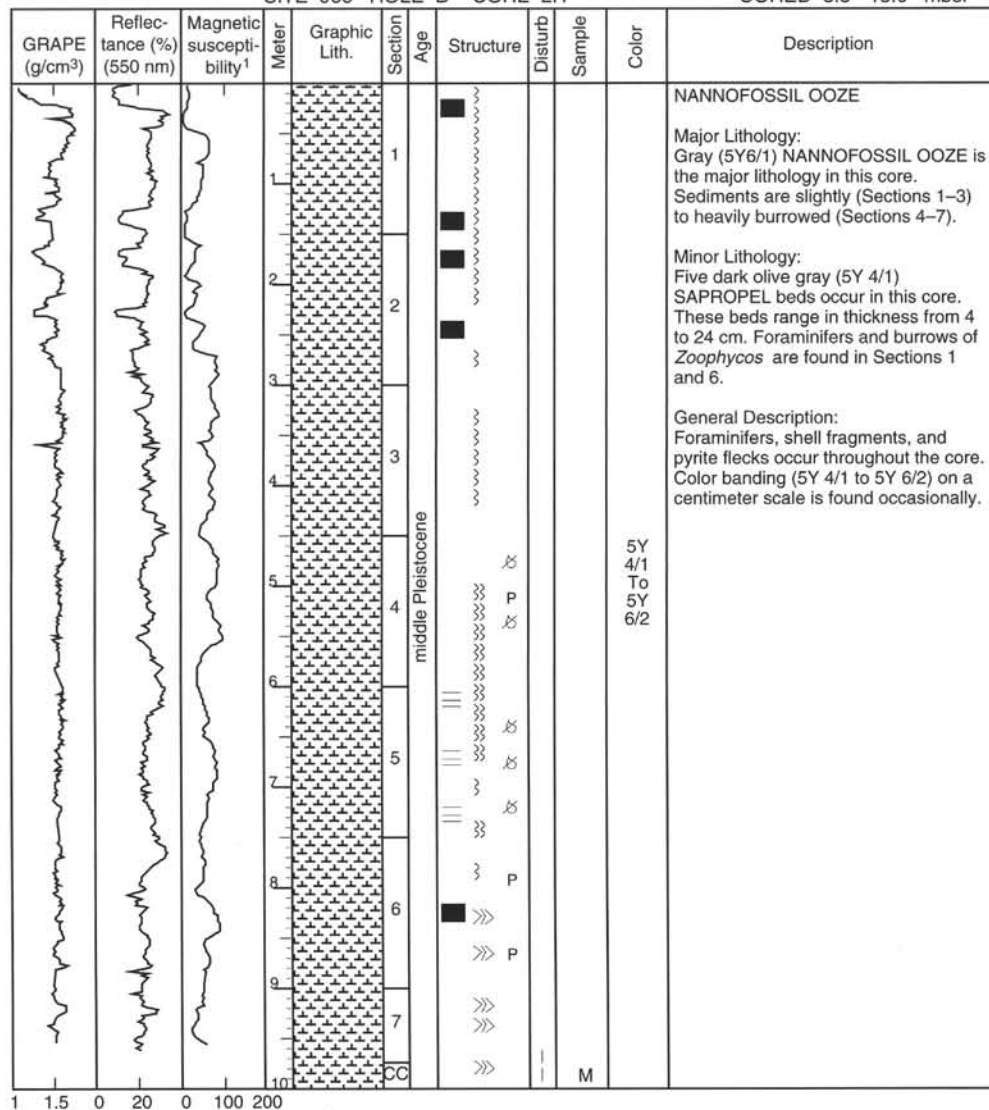
SITE 966 HOLE D CORE 1H CORED 0.0 - 3.5 mbsf

GRAPE (g/cm ³)	Reflectance (%) (550 nm)	Magnetic susceptibility ¹	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
											NANNOFOSSIL OOZE
											Major Lithology: Sediment recovered from this core is dominantly yellowish-brown (10YR 5/4) to pinkish-gray (7.5YR 6/2) NANNOFOSSIL OOZE. Foraminifer nannofossil clay and nannofossil foraminifer ooze are subdominant. Material is slightly to moderately burrowed and contains significant amounts of foraminifers.
											Minor Lithology: The three SAPROPELS found in this core have irregular tops and bases burrows. Color varies from gray (5Y 6/1) to dark olive gray (5Y 3/2). Laminae and foraminifers are observed.



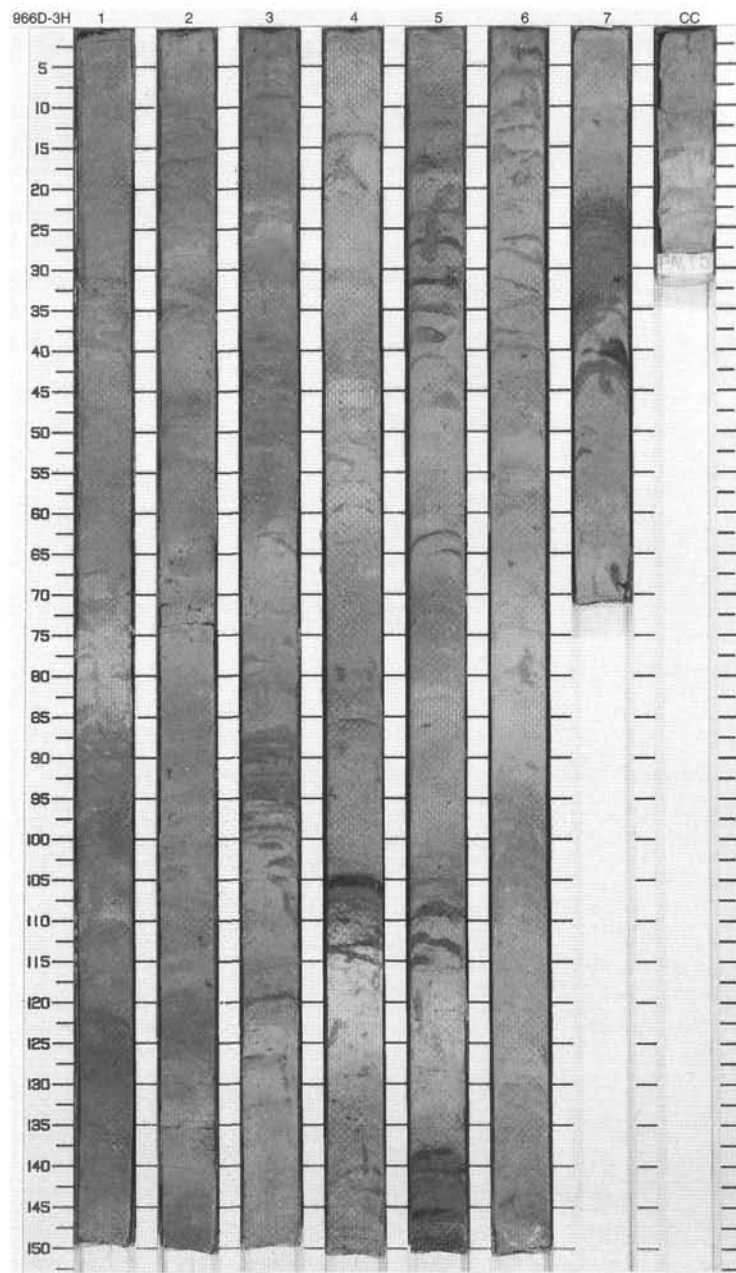
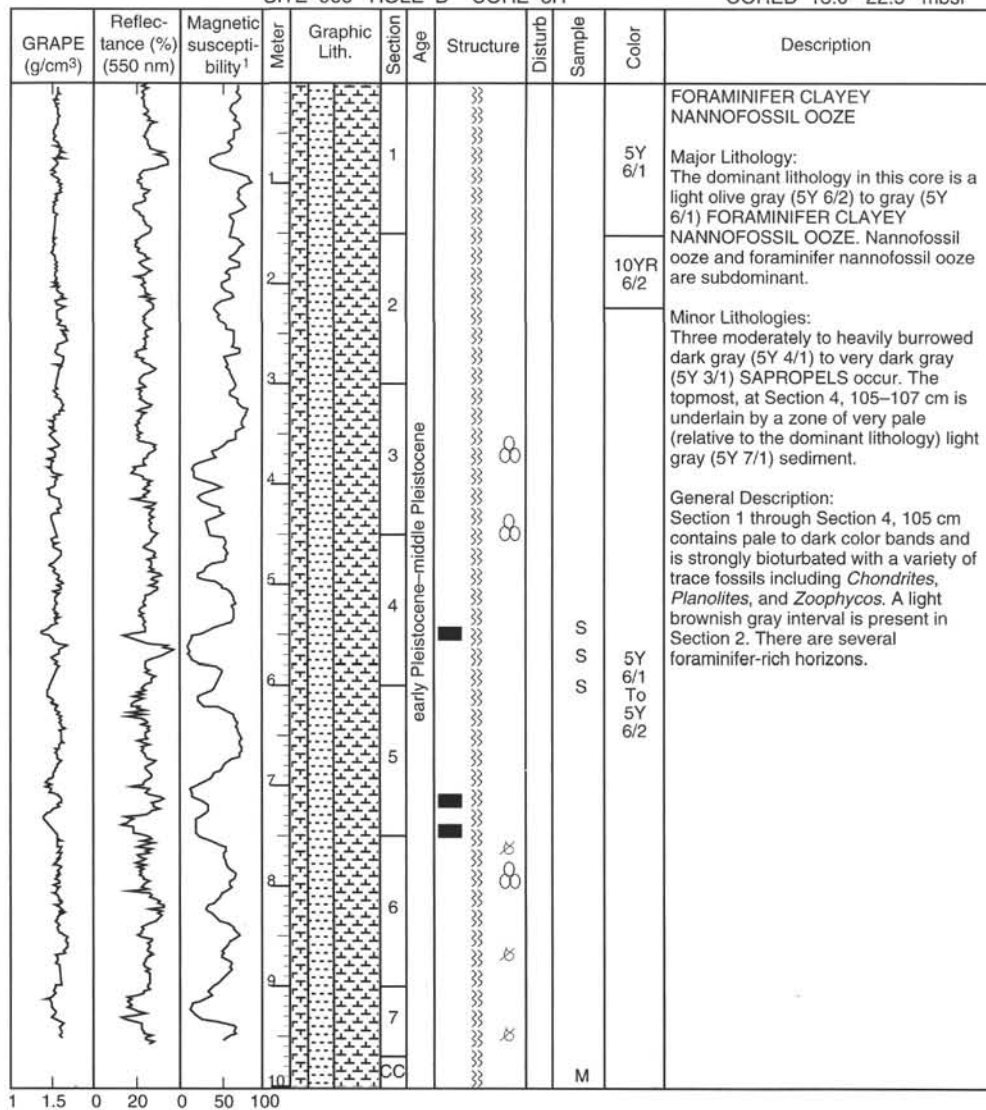
SITE 966 HOLE D CORE 2H

CORED 3.5 - 13.0 mbsf



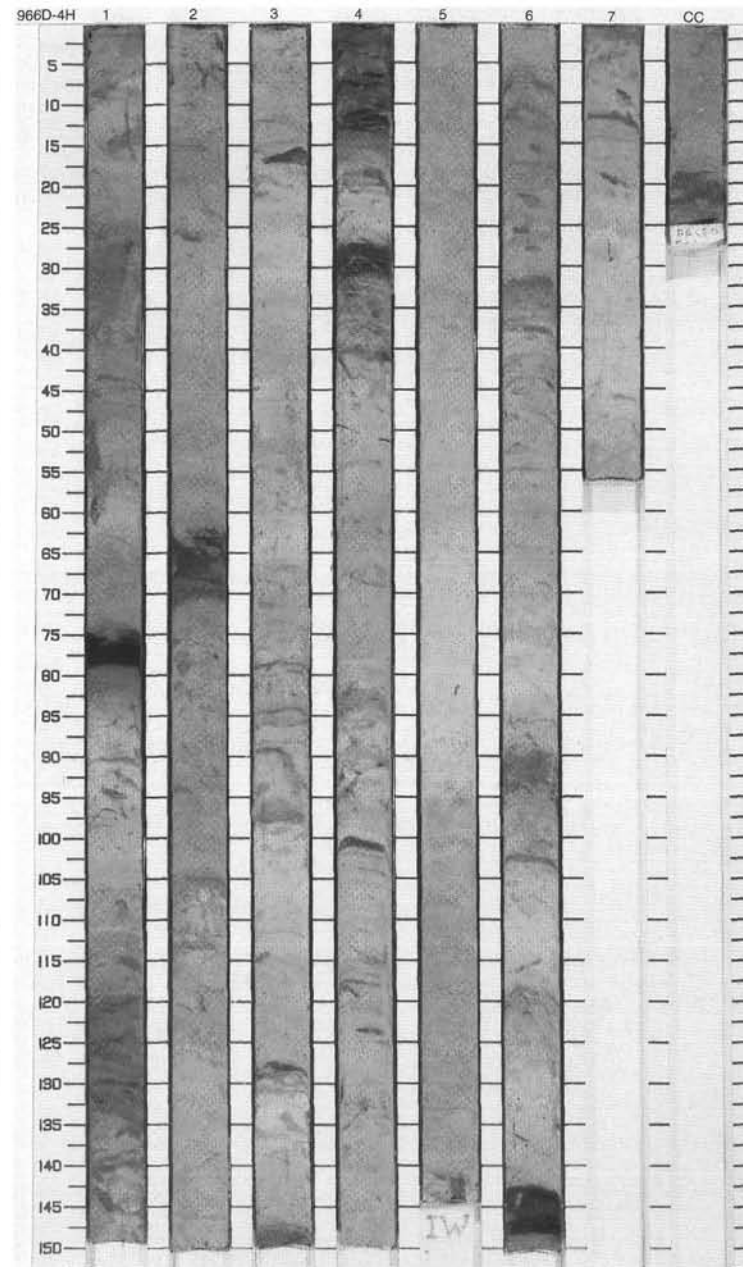
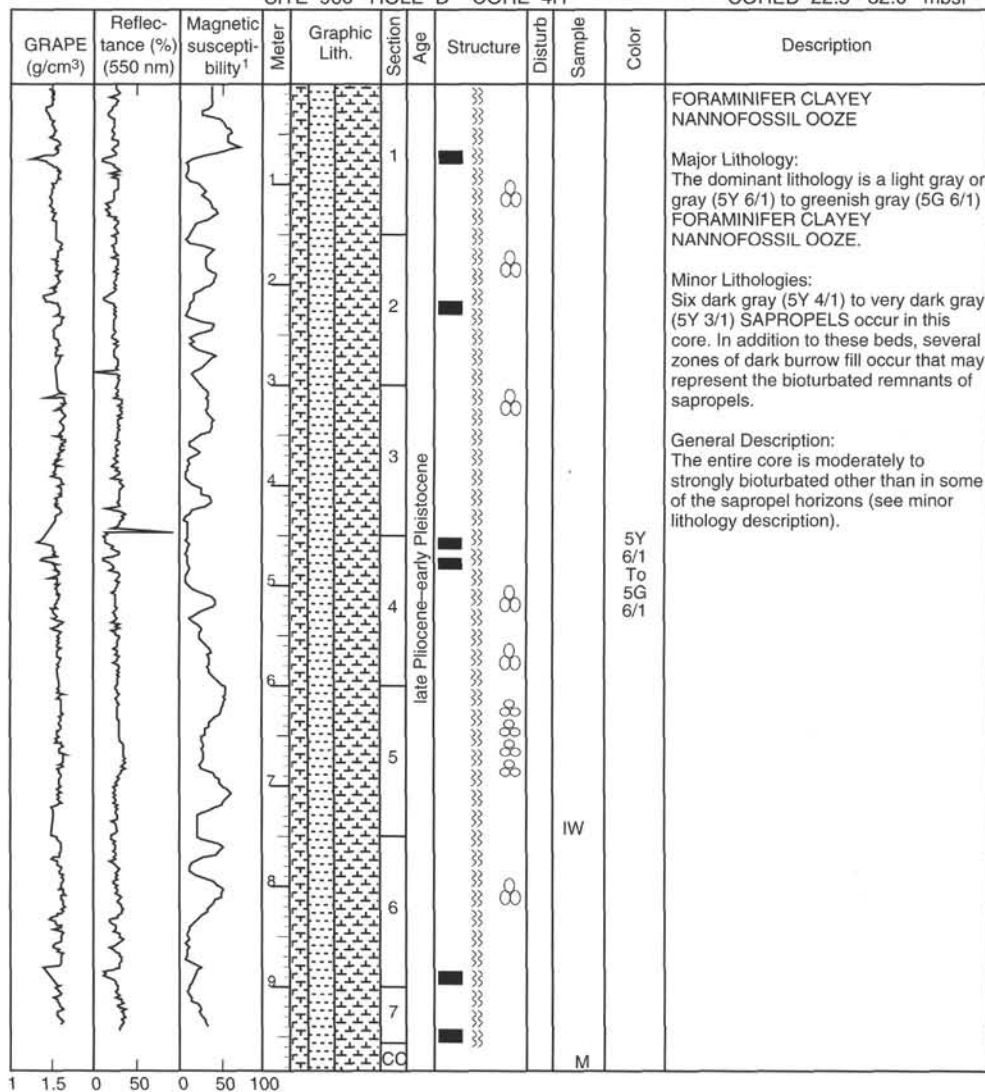
SITE 966 HOLE D CORE 3H

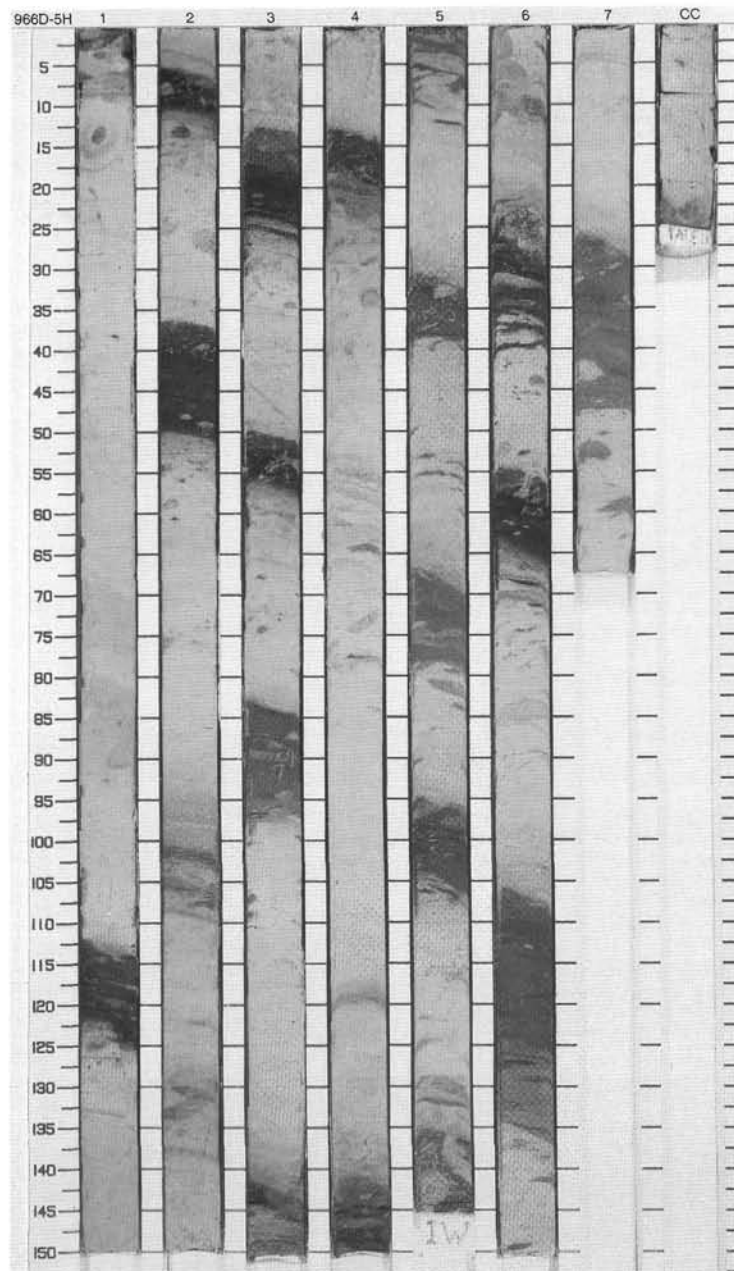
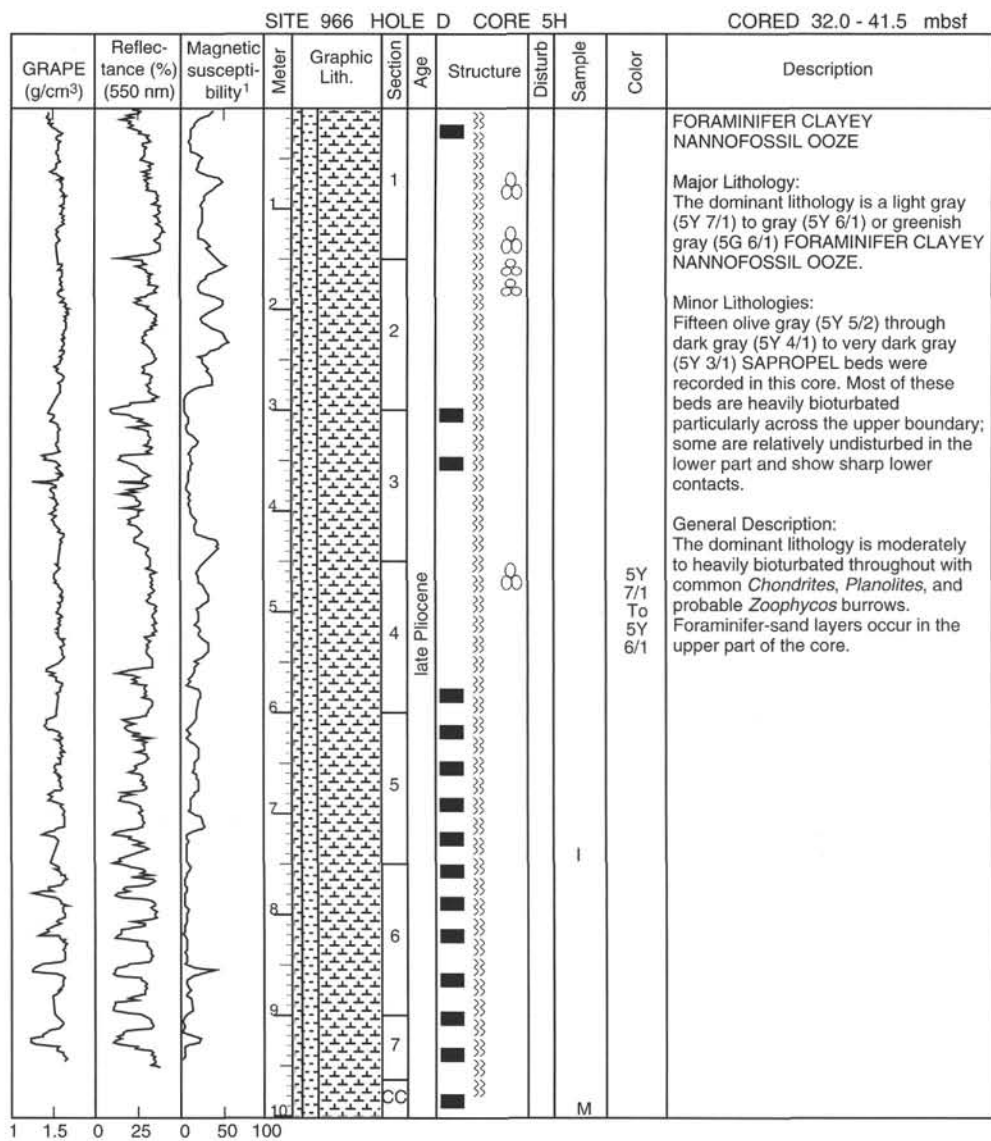
CORED 13.0 - 22.5 mbsf

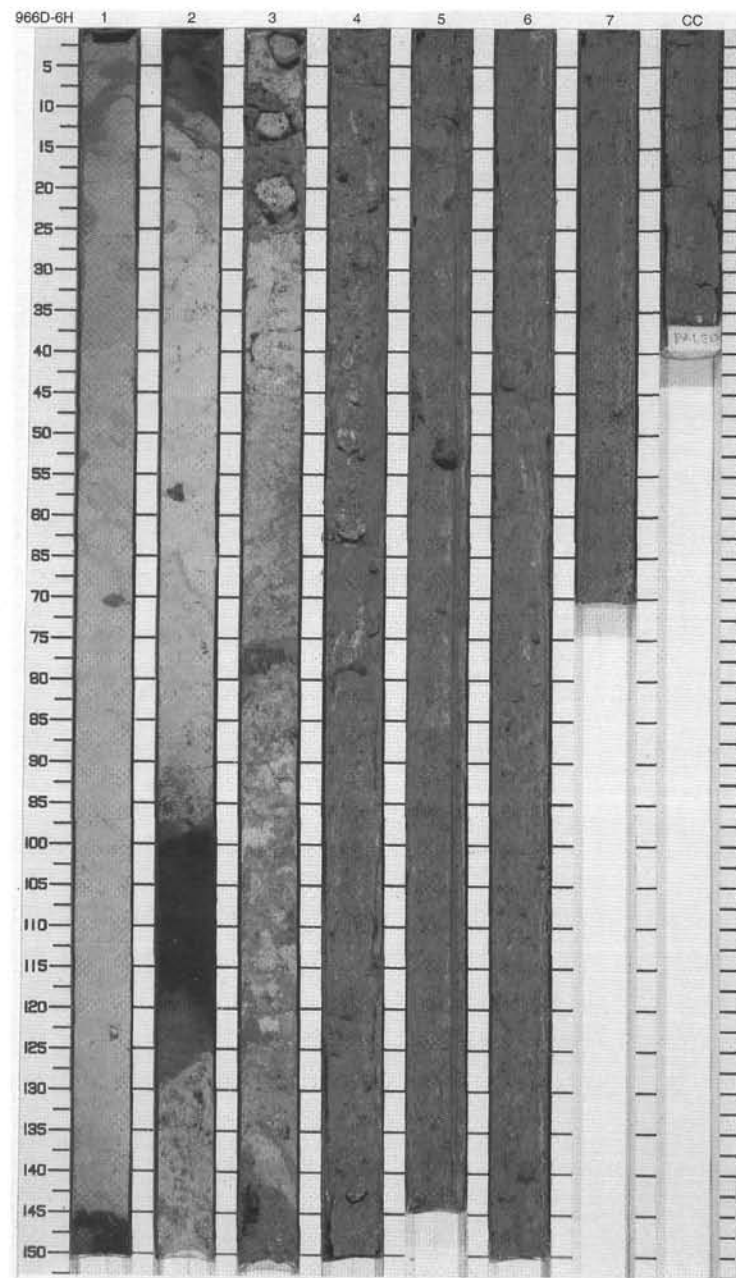


SITE 966 HOLE D CORE 4H

CORED 22.5 - 32.0 mbsf

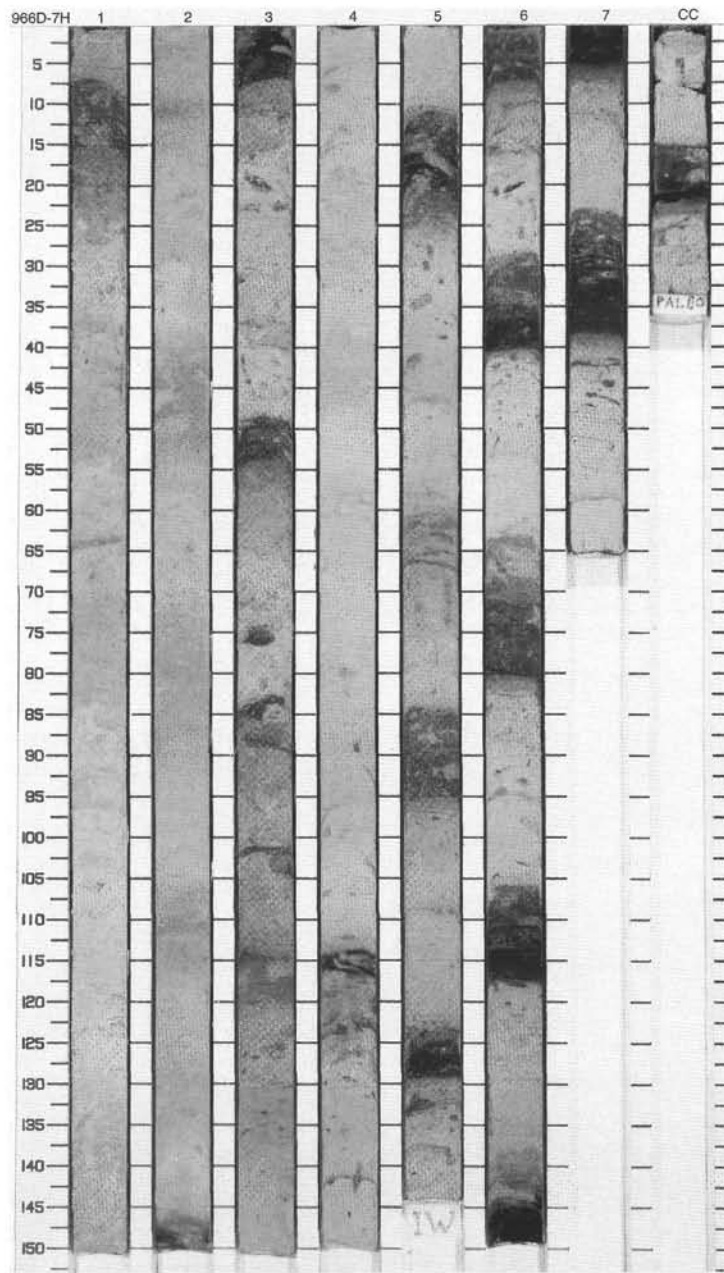
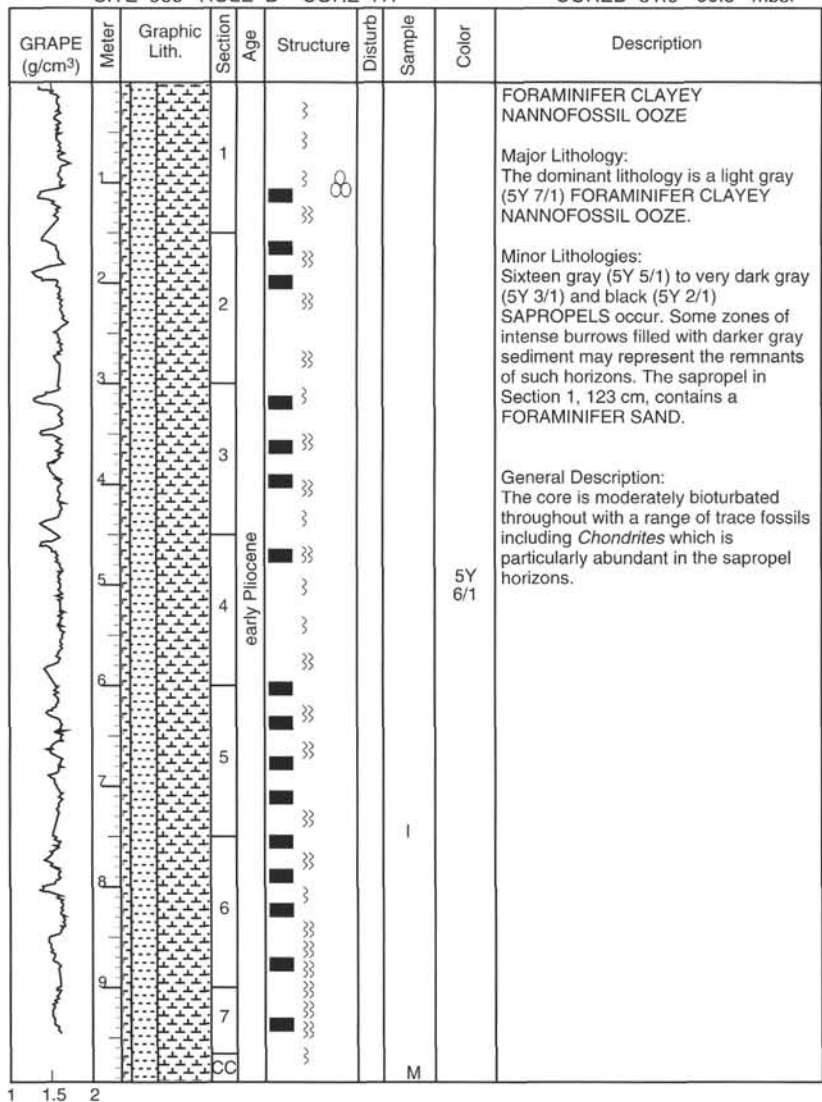






SITE 966 HOLE D CORE 7H

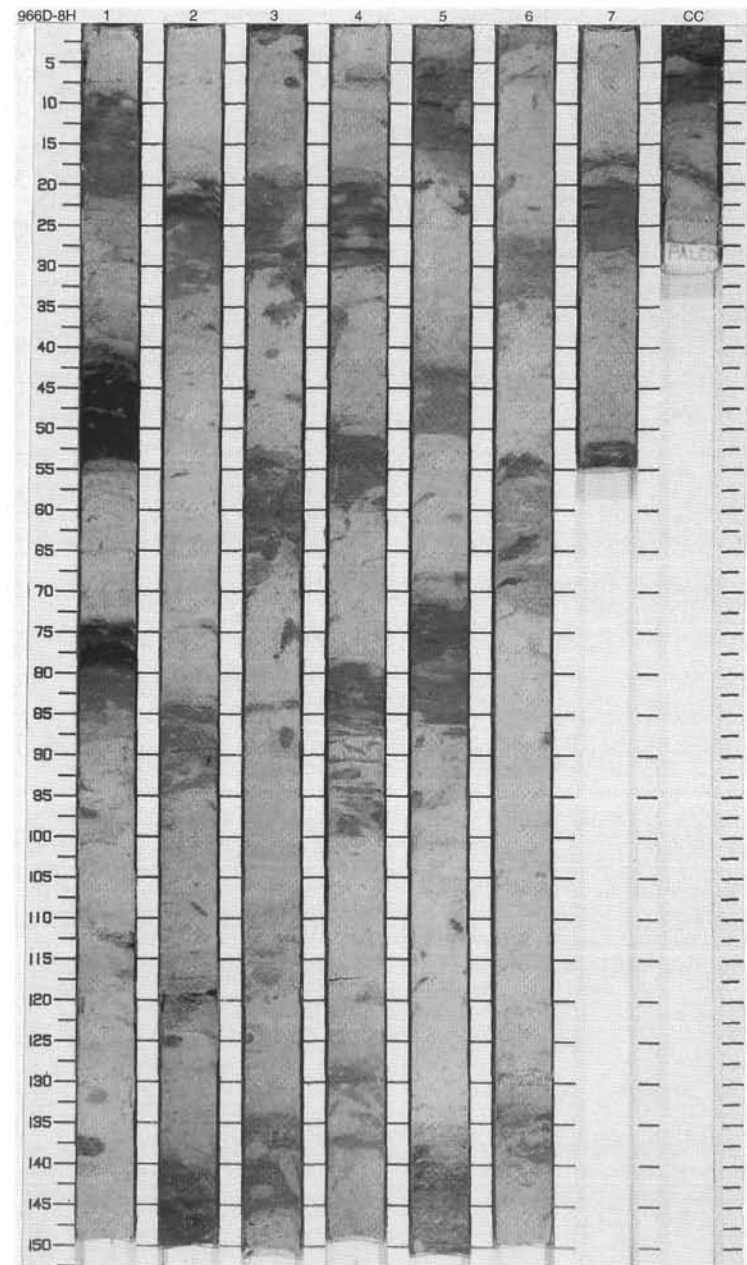
CORED 51.0 - 60.5 mbsf



SITE 966 HOLE D CORE 8H

CORED 60.5 - 70.0 mbsf

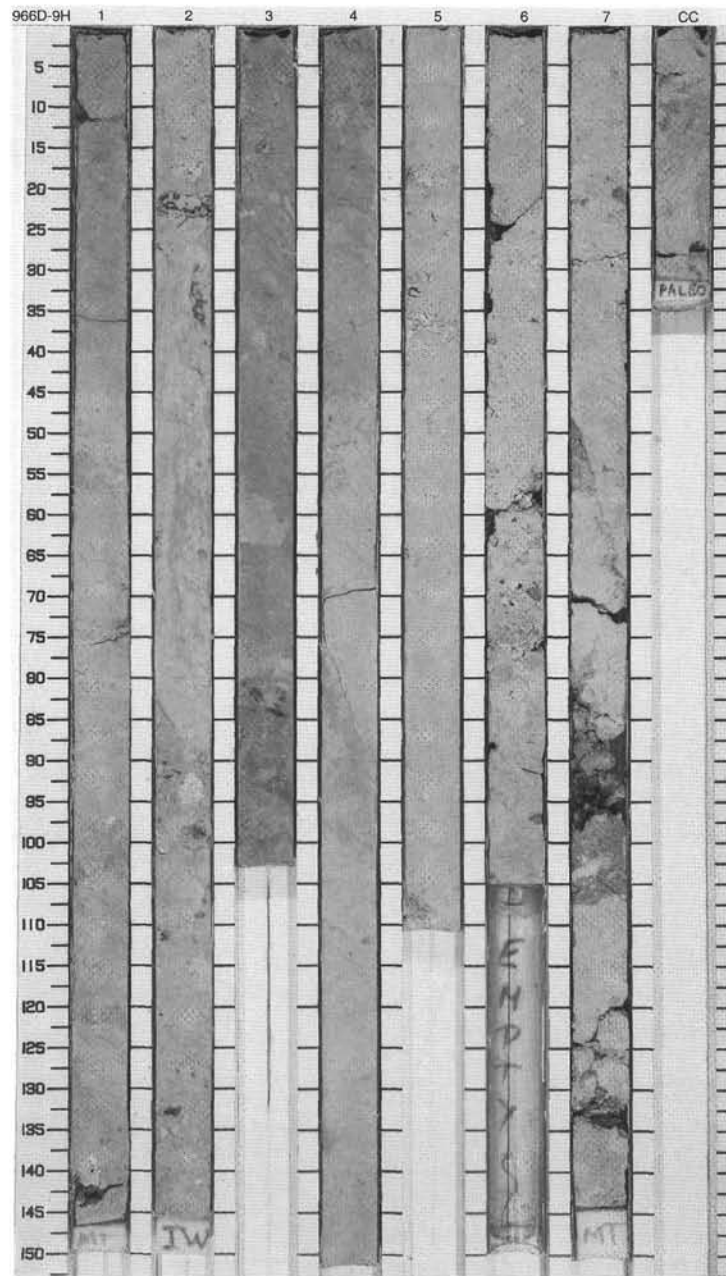
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}}				<p>FORAMINIFER CLAYEY NANNOFOSSIL OOZE</p> <p>Major Lithology: The dominant lithology in this core consists of light gray (5Y 7/1) to gray (5Y 5/1) FORAMINIFER CLAYEY NANNOFOSSIL OOZE.</p> <p>Minor Lithologies: Two distinct very dark gray (5Y 3/1) and black (5Y 2.5/1) SAPROPELS occur at the top of the cored interval. The sapropels are moderately to heavily bioturbated, especially at the upper boundaries.</p> <p>General Description: From the top of Section 4 to the bottom of the core, the primary structure of the sediment has been destroyed by "suck-in" during coring.</p>
2		2		}}				
3		3		}}				
4		4		P A				
5		5		P				
6		6		P				
7		7		P				
8		8						<p>5Y 7/1 To 5Y 5/1</p>
9		9						
10		10						<p>M</p>
11		11						
12		12						<p>CC</p>
13		13						



SITE 966 HOLE D CORE 9H

CORED 70.0 - 79.5 mbsf

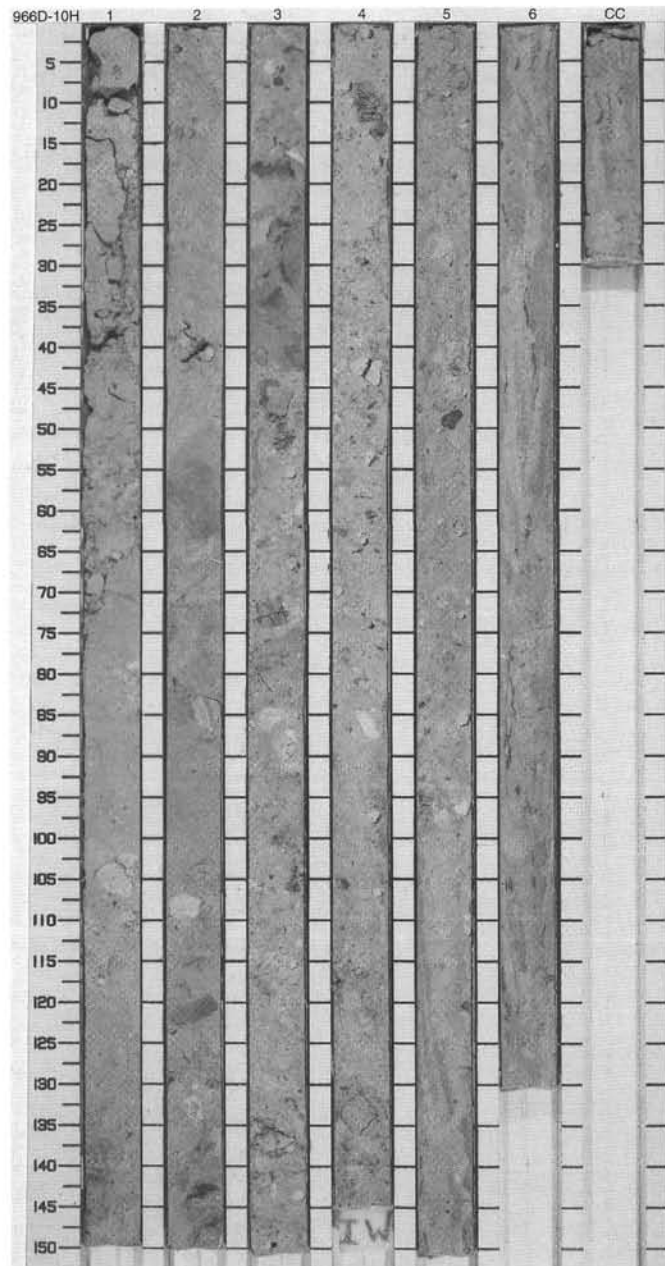
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1						NANNOFOSSIL OOZE AND FORAMINIFER NANNOFOSSIL OOZE
2		2					10Y 8/1	Major Lithology: This core contains white (5Y 8/1) to light gray (5Y 6/2) NANNOFOSSIL OOZE and FORAMINIFER NANNOFOSSIL OOZE. Rare LIMESTONE CLASTS (some corals) between 1 and 3 cm in diameter, are scattered throughout.
3		3				I	5Y 6/2	General Description: Primary sedimentary fabric in this core has, in the main, been destroyed by drilling.
4		4				S	5Y 8/1	
5		5				M		
6		6				S		
7		7					10Y 3/1	
8								
9						M		



SITE 966 HOLE D CORE 10H

CORED 79.5 - 84.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		◇				CALCAREOUS MIXED SEDIMENT Major Lithology: The major lithology in this core is light gray (10Y 7/1) CALCAREOUS MIXED SEDIMENT with interlayered coarser and finer bands and angular clasts of mainly limestone up to 4.5 cm in size. Limestone clasts include bioclastic and micritic facies.
2		2		◇				
3		3		◇		S		Minor Lithologies: The minor lithologies in this core include a well-indurated CALCAREOUS SILTY CLAY with scattered angular limestone pebbles up to 3 cm in size. Traces of parallel bedding are preserved. Occasional traces of highly disrupted organic rich layers were also noted.
4		4		◇				
5		5		◇			10Y 7/1	General Description: Much of the fabric in this core has been destroyed by drilling.
6		6		◇		I		
7		7		◇				
8		8		◇				
9		9		◇		M		

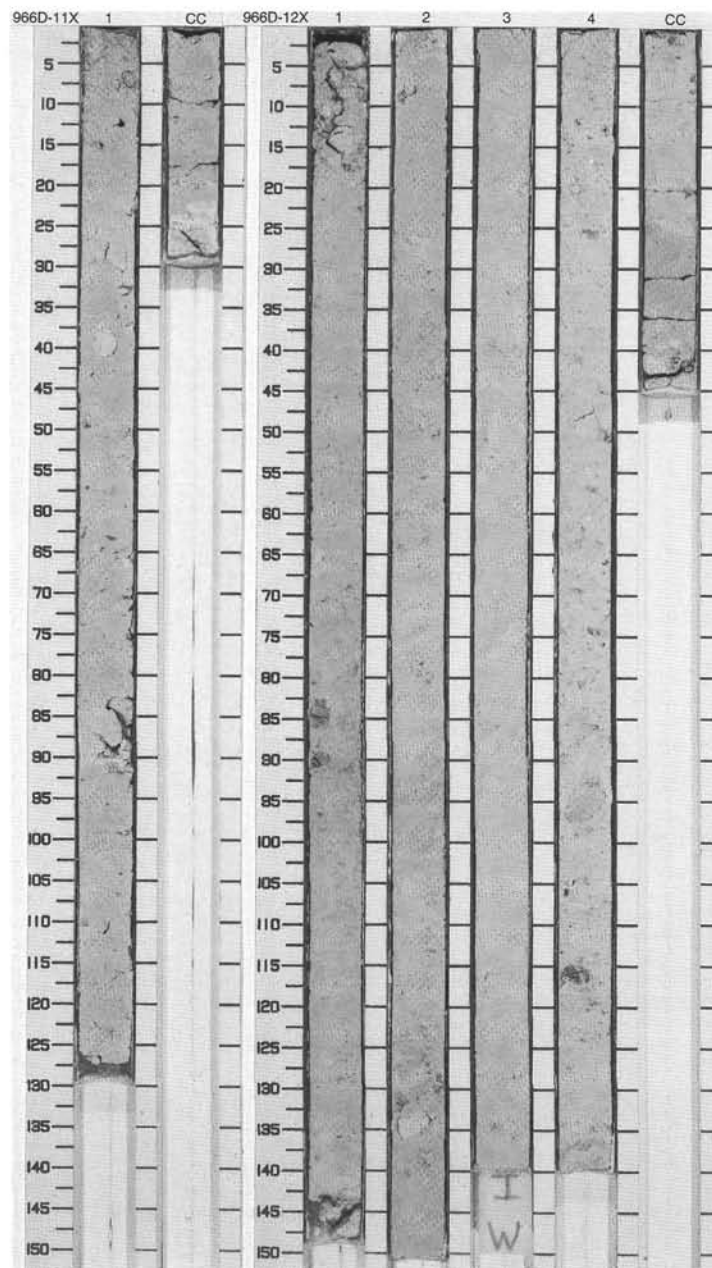


SITE 966 HOLE D CORE 11X CORED 84.5 - 88.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			W	S	5Y 7/1	CALCAREOUS MIXED SEDIMENT
		CC				M		Major Lithology: This core is dominated by light gray (5Y 7/1) CALCAREOUS MIXED SEDIMENT with angular limestone clasts up to 4 cm in size and a silty nannofossil clay matrix.

SITE 966 HOLE D CORE 12X CORED 88.5 - 93.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1					10Y 8/2	CALCAREOUS MIXED SEDIMENT
2		2						Major Lithology: This core is dominated by white (5Y 8/1) CALCAREOUS MIXED SEDIMENT. The core contains clasts which are typically porous, up to 6 cm in size, and lie within a chalky matrix. Some thin (less than 10 cm) intervals show vague primary lamination and slight size grading.
3		3						Minor Lithologies: These are intercalations of fine- to medium-grained CALCAREOUS SILTS and CALCAREOUS SILTY CLAYS. Diagenetic chemical fronts crosscut the lamination in places. In addition, minor occurrence of laminated BIOCLASTIC CALCARENITE was noted.
4		4				I	10Y 8/1	General Description: This core shows marked drilling disturbance.
6		CC			WWW	M		



SITE 966 HOLE D CORE 13X

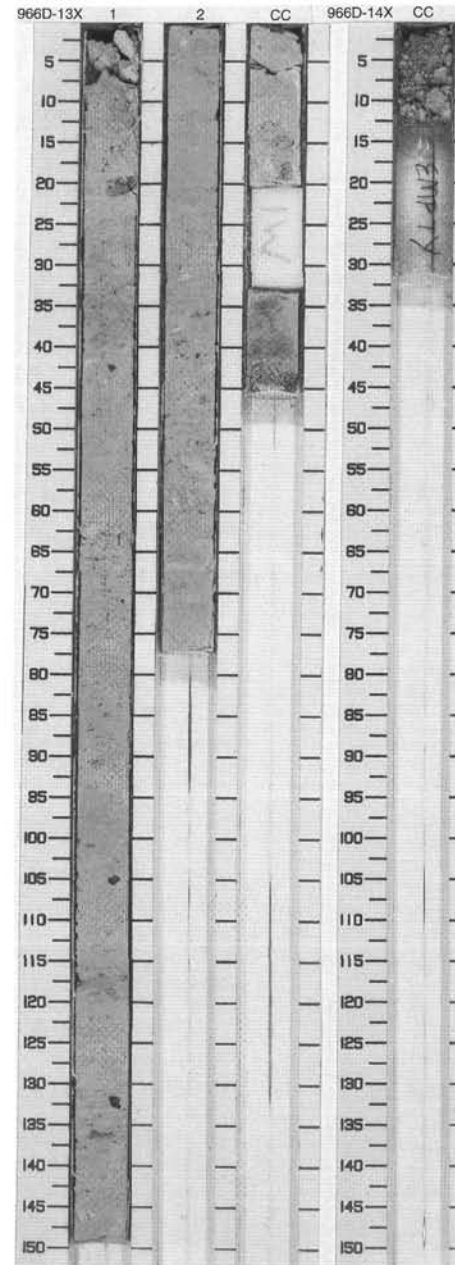
CORED 93.3 - 98.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				S		<p>CALCAREOUS MIXED SEDIMENT</p> <p>Major Lithology: This core is dominated by white (5Y 8/1) CALCAREOUS MIXED SEDIMENT with limestone clasts. The clasts range from angular to occasionally subrounded. Many clasts are greenish gray (5GY 6/1) and porous. Some clasts show internal fine lamination especially in finer grained micrite.</p> <p>Minor Lithology: Thin (<2 cm) intervals of CALCAREOUS SILT AND CLAY are observed. Clay intervals are finely laminated and relatively well indurated.</p> <p>General Description: Although this core shows evidence of drilling disturbance an original sedimentary fabric could still be recognized in places.</p>
2		2					10Y 8/1	
		CC				I	S	


SITE 966 HOLE D CORE 14X

CORED 98.1 - 102.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						<p>LIMESTONE</p> <p>Major Lithology: This core consists of white (5Y 8/1) and greenish gray (5G 6/1) gravel-sized LIMESTONE clasts.</p> <p>General Description: Drilling action may have produced the fabric of this core.</p>



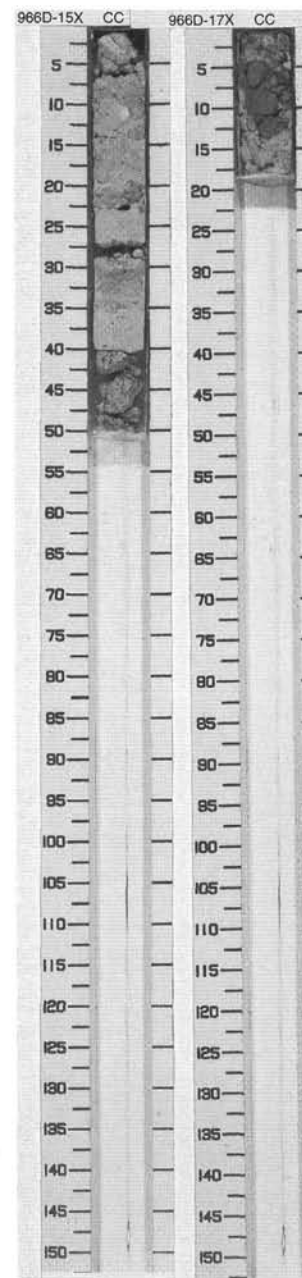
SITE 966 HOLE D CORE 15X CORED 102.9 - 107.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC			XX			LIMESTONE BRECCIA
<p>Major Lithology: This core recovered a white (10Y 8/1) LIMESTONE BRECCIA. The breccia matrix consists of white (10Y 8/1) calcareous clay. The clay is well indurated and laminated. Individual clasts are porous and weathered.</p> <p>General Description: Drilling disturbance is evident throughout the core.</p>								

966D 16X NO RECOVERY

SITE 966 HOLE D CORE 17X CORED 112.5 - 117.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC						CALCAREOUS BRECCIA
<p>Major Lithology: This core recovered white (10Y 8/1) CALCAREOUS BRECCIA. The breccia consists of lithified clasts of dark gray (5Y 4/1) limestone. The matrix is composed of micrite and fine calcarenite and shows a fine "swirly" lamination.</p> <p>General Description: The lithology in this core has been disturbed by rotary drilling.</p>								



SITE 966 HOLE D CORE 18X

CORED 117.3 - 122.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				S		<p>CALCAREOUS BRECCIA</p> <p>Major Lithology: The dominant lithology in this core is white (10Y 8/1) and light gray (5Y 7/1) CALCAREOUS BRECCIA, containing angular silty clay and limestone clasts up to 4 cm in size within a muddy calcareous matrix.</p> <p>Minor Lithologies: Two very dark gray (10Y 3/1) partly lithified SAPROPEL beds occur in Section 1. The beds contain mm-sized microclasts.</p> <p>General Description: Although drilling has disturbed much of the sediment in this core some primary lamination can be noted.</p>
	CC					S		

SITE 966 HOLE D CORE 19X

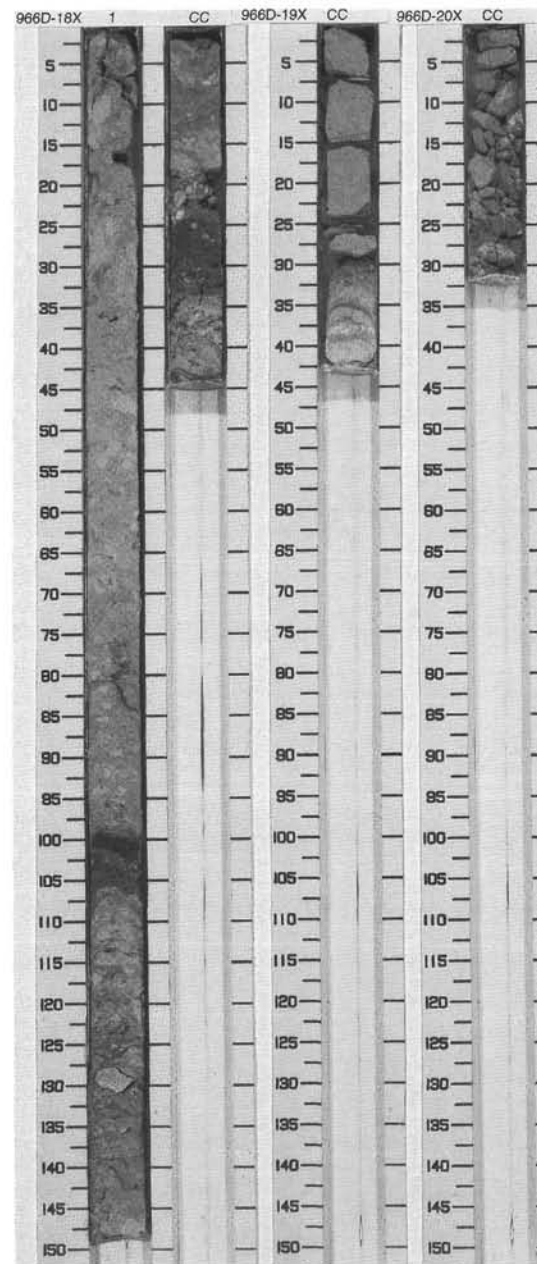
CORED 122.1 - 126.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC				S		<p>BIOCLASTIC CALCARENITE</p> <p>Major Lithology: This core recovered well-cemented very pale brown (10YR 8/3) and light gray (5Y 7/1) CALCARENITE with numerous solution cavities formed mainly by dissolution of pelecypods. Some ooids or pisoliths appear to be present.</p> <p>General Description: This core shows brecciation probably induced by drilling.</p>

SITE 966 HOLE D CORE 20X

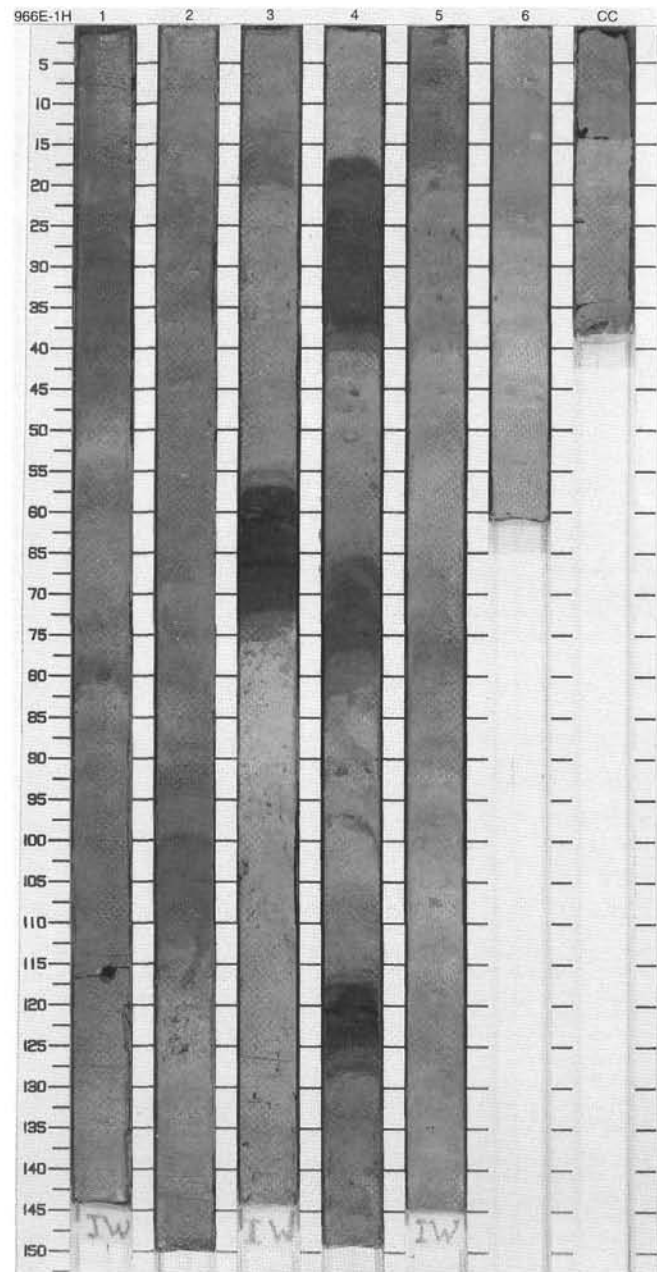
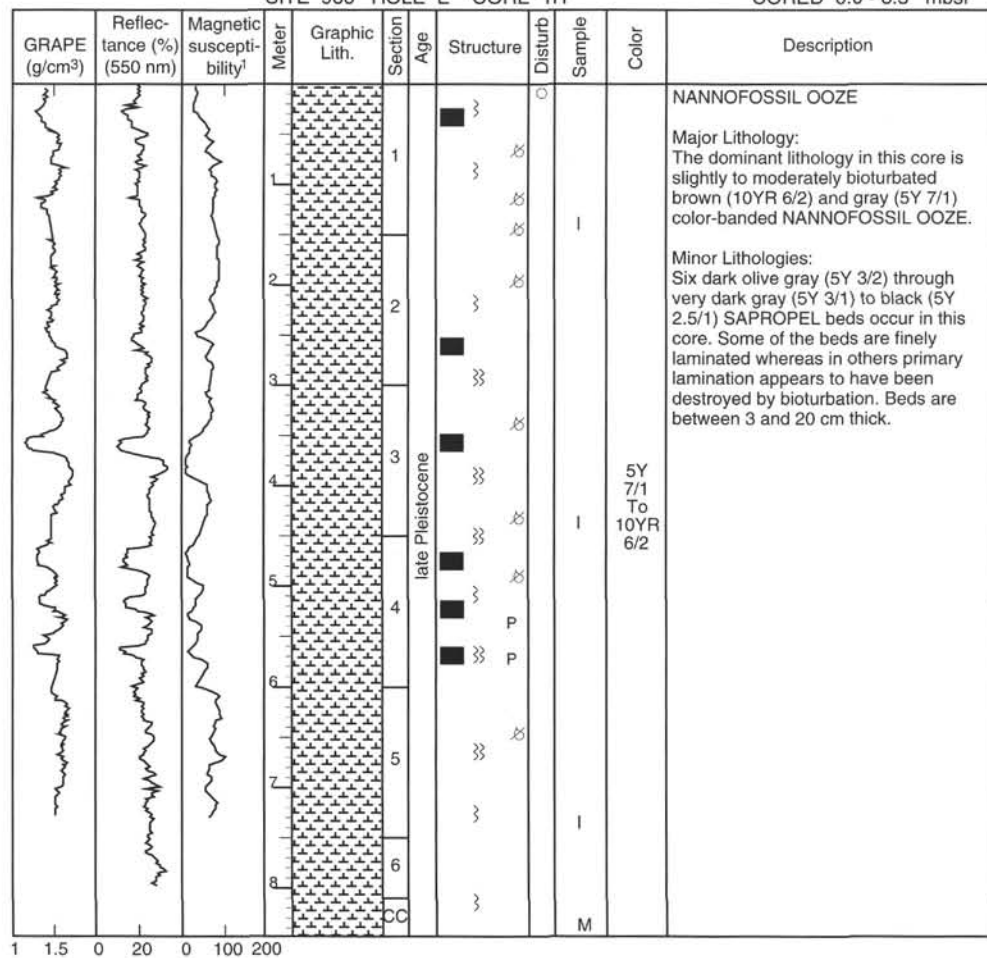
CORED 126.9 - 136.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC				S		<p>CALCARENITE</p> <p>Major Lithology: In this core fragments of very pale brown (10YR 8/3) and light gray (5Y 7/1) CALCARENITE were recovered.</p> <p>General Description: Sediment in this core is highly brecciated—this may have resulted from rotary drilling.</p>



SITE 966 HOLE E CORE 1H

CORED 0.0 - 8.5 mbsf



SITE 966 HOLE F CORE 1R CORED 59.0 - 68.0 mbsf

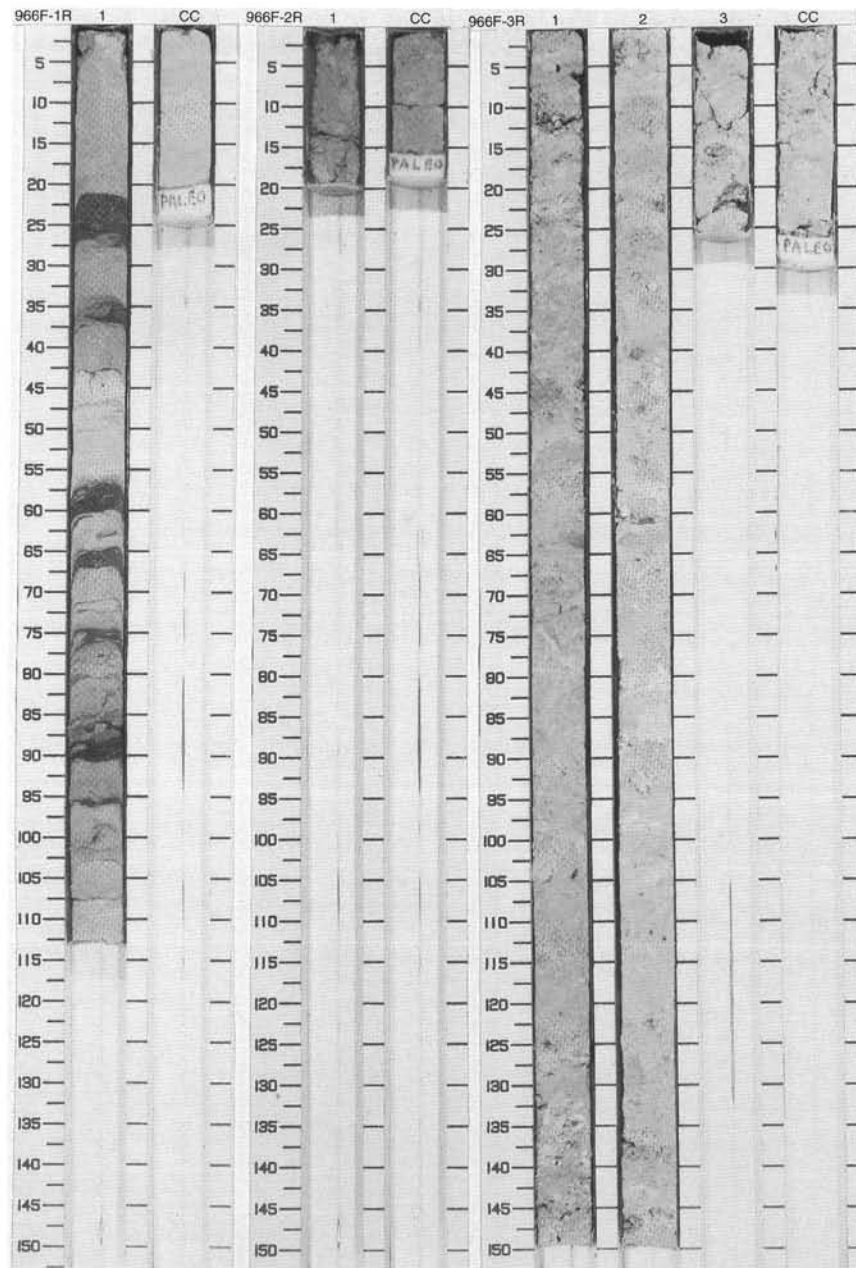
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene	☐	☐	WWW	5Y 6/1	NANNOFOSSIL OOZE
1		CC				M		Major Lithology: The sediment in this core is olive gray (5Y 6/1) NANNOFOSSIL OOZE.
								Minor Lithologies: Three SAPROPEL beds occur in this core.
								General Description: The entire core has been significantly disturbed by the drilling process.

SITE 966 HOLE F CORE 2R CORED 68.0 - 77.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene	☐	☐	M	N8	BIOMICRITE
1		CC						Major Lithology: Rock in this core is BIOMICRITE. Color is very light gray (N8).
								General Description: Core recovery 4%.

SITE 966 HOLE F CORE 3R CORED 77.0 - 88.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Pliocene	☐	☐		5Y 8/1 To 5Y 6/1	CALCAREOUS CONGLOMERATE
2		2						Major Lithology: The sediment in this core is matrix-supported CALCAREOUS CONGLOMERATE which is composed of white (5Y 8/1) micritic limestone clasts in a gray (5Y 6/1) matrix of nannofossil ooze.
3		3						General Description: Core recovery 37%, probably some drilling disturbance.
		CC				M		



SITE 966 HOLE F CORE 4R CORED 86.6 - 96.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Plio.				N8	<p>CALCAREOUS CONGLOMERATE</p> <p>Major Lithology: The rock in this core is a very light gray matrix-supported (N8) CALCAREOUS CONGLOMERATE with micritic limestone fragments in a semi-consolidated calcareous matrix.</p> <p>General Description: Core recovery 7%.</p>

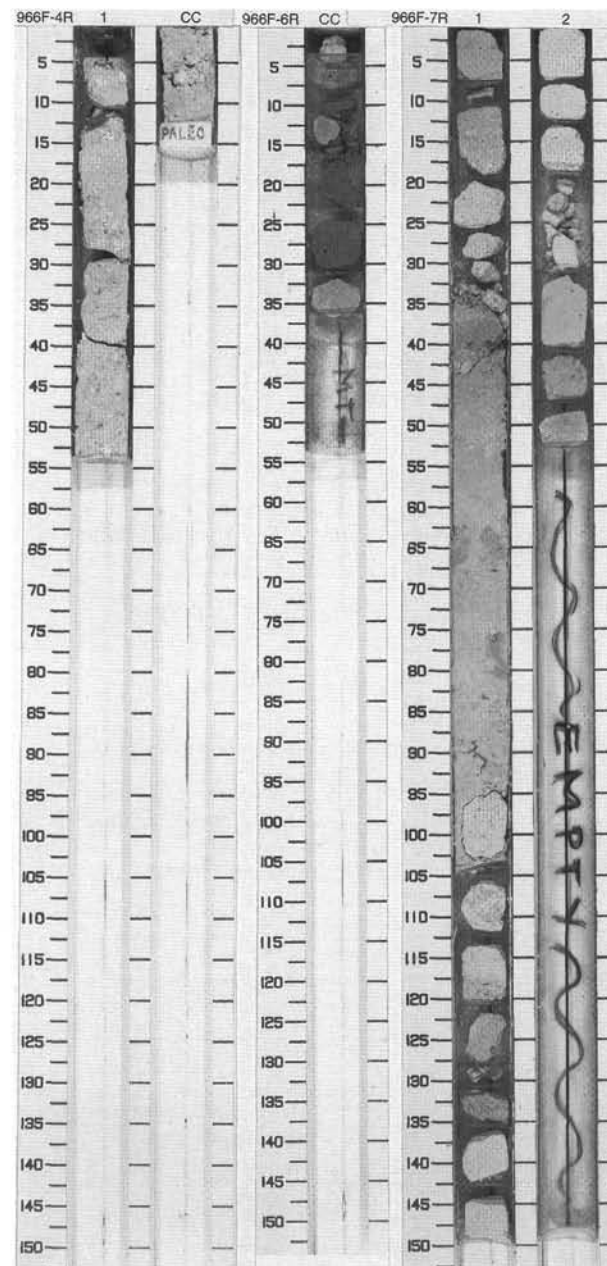
966F 5R NO RECOVERY

SITE 966 HOLE F CORE 6R CORED 105.8 - 115.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	early Plio.	⊗ ⊙		T	N5	<p>BIOSPARITE/BIOMICRITE</p> <p>Major Lithologies: The rock in this core is medium gray (N5) BIOSPARITE/BIOMICRITE. Some pieces are possibly dolomitized.</p> <p>General Description: Core recovery 2%.</p>

SITE 966 HOLE F CORE 7R CORED 115.4 - 125.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Pliocene	⊗ ⊙		T	N8	<p>BIOLASTIC CALCARENITE and BIOSPARITE</p> <p>Major Lithologies: The rock in this core is BIOLASTIC CALCARENITE and BIOSPARITE very light gray (N8) in color with numerous concentrations of mollusks in a well-cemented finer grained matrix of skeletal fragments.</p> <p>General Description: Core recovery 19%.</p>



SITE 966 HOLE F CORE 8R

CORED 125.0 - 134.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	MMMMMM	1	Miocene	⓪		T	N8	BIOSPARITE, QUARTZ-BEARING BIOMICRITE Major Lithologies: The rock in this core is very light gray (N8) BIOMICRITE and BIOSPARITE which has numerous mollusk concentrations, considerable calcareous algae, and occasional coral fragments cemented by sparry calcite. General Description: Core recovery 9%.
2	MMMMMM			⓪		T		
3	MMMMMM			⓪		T		

SITE 966 HOLE F CORE 9R

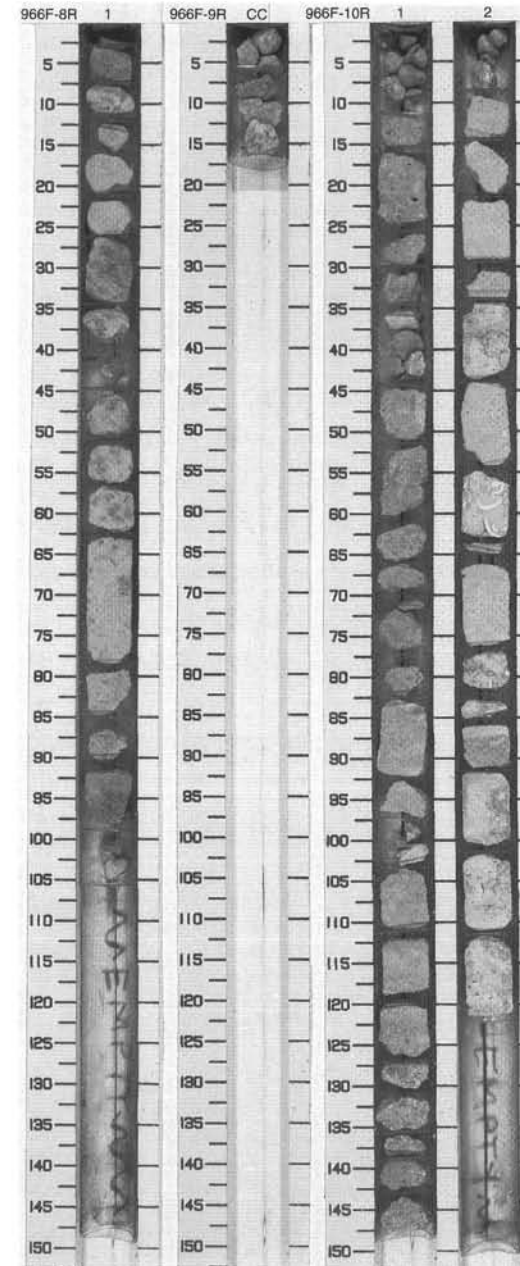
CORED 134.6 - 144.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		CC						BIOSPARITE
2								Major Lithology: The rock recovered in this core is foraminifer-dominated BIOSPARITE. Color is very light gray (N8). General Description: Core recovery 1%.
3								

SITE 966 HOLE F CORE 10R

CORED 144.2 - 153.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	MMMMMM	1	Miocene	⓪			N8	BIOSPARITE and ALGAL BIOSPARITE Major Lithologies: The rock in this core is very light gray (N8) BIOSPARITE and ALGAL BIOSPARITE containing considerable red algae, many benthic foraminifers, mollusks, and other skeletal fragments cemented by sparry calcite.
2	MMMMMM	2		⓪		T		



SITE 966 HOLE F CORE 11R

CORED 153.8 - 163.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			T	N8	BIOCLASTIC PACKSTONE/ GRAINSTONE, ALGAL BIOSPARITE/BIOMICRITE, and RECRYSTALLIZED BIOSPARITE
2		2				T		Major Lithologies: The rock in this core is very light gray (N8) BIOCLASTIC GRAINSTONE/ PACKSTONE and BIOSPARITE/ BIOMICRITE with numerous corals (faviids), foraminifers, occasional echinoderm fragments, and encrusting red algae cemented by calcite spar.
3		3				T		General Description: Core recovery 32%.

SITE 966 HOLE F CORE 12R

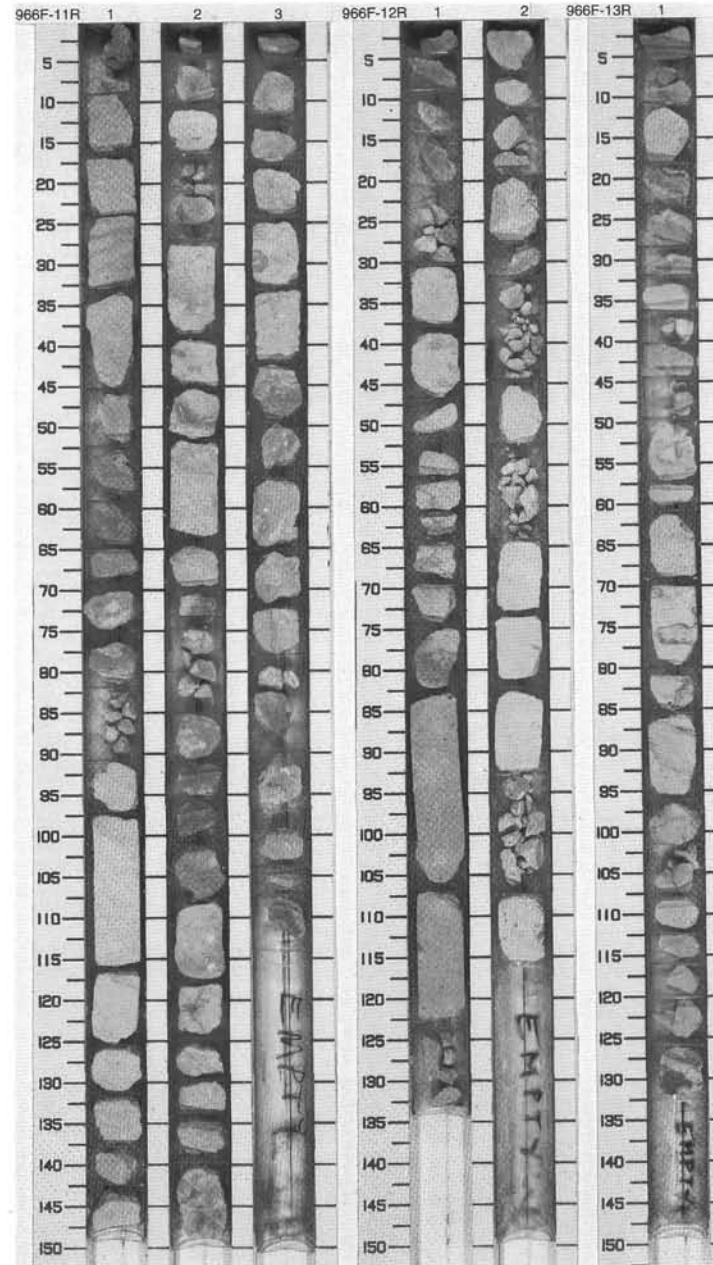
CORED 163.5 - 173.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			T	N8	BIOCLASTIC PACKSTONE/ GRAINSTONE and BIOSPARITE
2		2						Major Lithologies: The rock in this core is very light gray (N8) BIOCLASTIC PACKSTONE/ GRAINSTONE and BIOSPARITE containing coral, foraminifer, mollusk, echinoderm, and encrusting red algae fragments cemented by sparry calcite.
								General Description: Core recovery 19%.

SITE 966 HOLE F CORE 13R

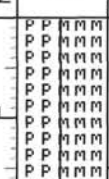
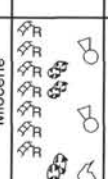
CORED 173.1 - 182.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			T	N8	CALCIRUDITE/PACKSTONE and RECRYSTALLIZED (ALGAL?) BIOMICRITE
								Major Lithologies: The rock in this core is a very light gray (N8) CALCIRUDITE / PACKSTONE and BIOMICRITE containing predominantly large coral fragments (up to 5 cm) encrusted with calcareous red algae.
								General Description: Core recovery 10%.



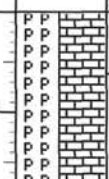
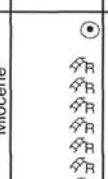
SITE 966 HOLE F CORE 14R

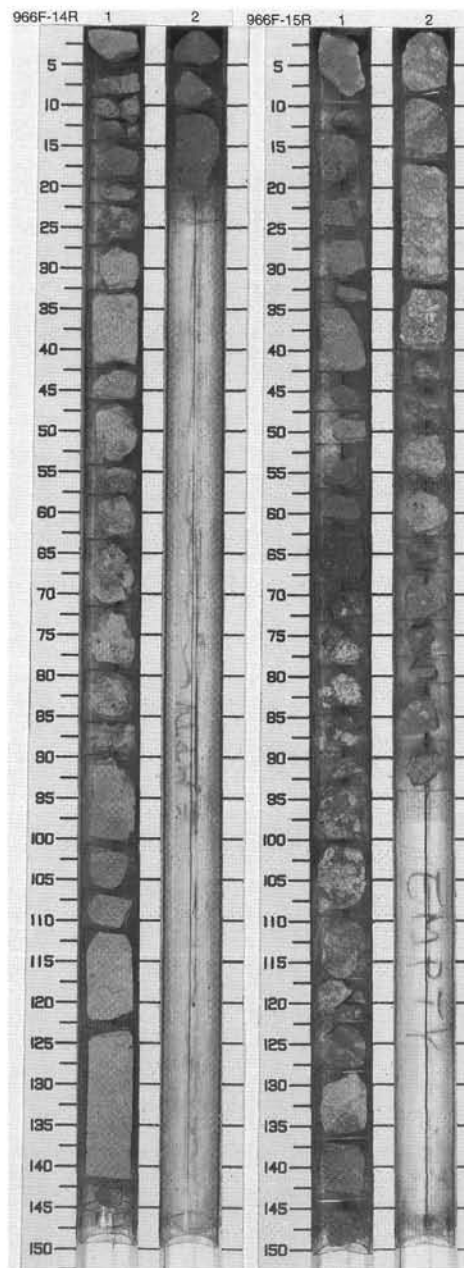
CORED 182.7 - 192.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			T	N8	<p>ALGAL PACKSTONE and RECRYSTALLIZED BIOMICRITE</p> <p>Major Lithologies: The rock in this core is very light gray (N8) ALGAL PACKSTONE and BIOMICRITE in that encrusting red algae dominates over other bioclasts which include coral, mollusks, and echinoderms, cemented by sparry calcite. Some moldic porosity after mollusks is present and chert occasionally replaces some biota.</p> <p>General Description: Core recovery 15%.</p>

SITE 966 HOLE F CORE 15R

CORED 192.4 - 202.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			T	10YR 6/1	<p>ALGAL MUDSTONE/ PACKSTONE and DOLOMITIC RECRYSTALLIZED LIMESTONE</p> <p>Major Lithologies: ALGAL MUDSTONE / PACKSTONE and RECRYSTALLIZED LIMESTONE are the dominant lithologies in the rest of the core. Oncolites are scattered throughout the matrix of the mudstone.</p> <p>Minor Lithologies: The rock in the top of this core (Section 1, 0-70 cm) is brown (10YR) CHERT (dolomite?).</p> <p>General Description: Core recovery 20%.</p>



SITE 966 HOLE F CORE 16R

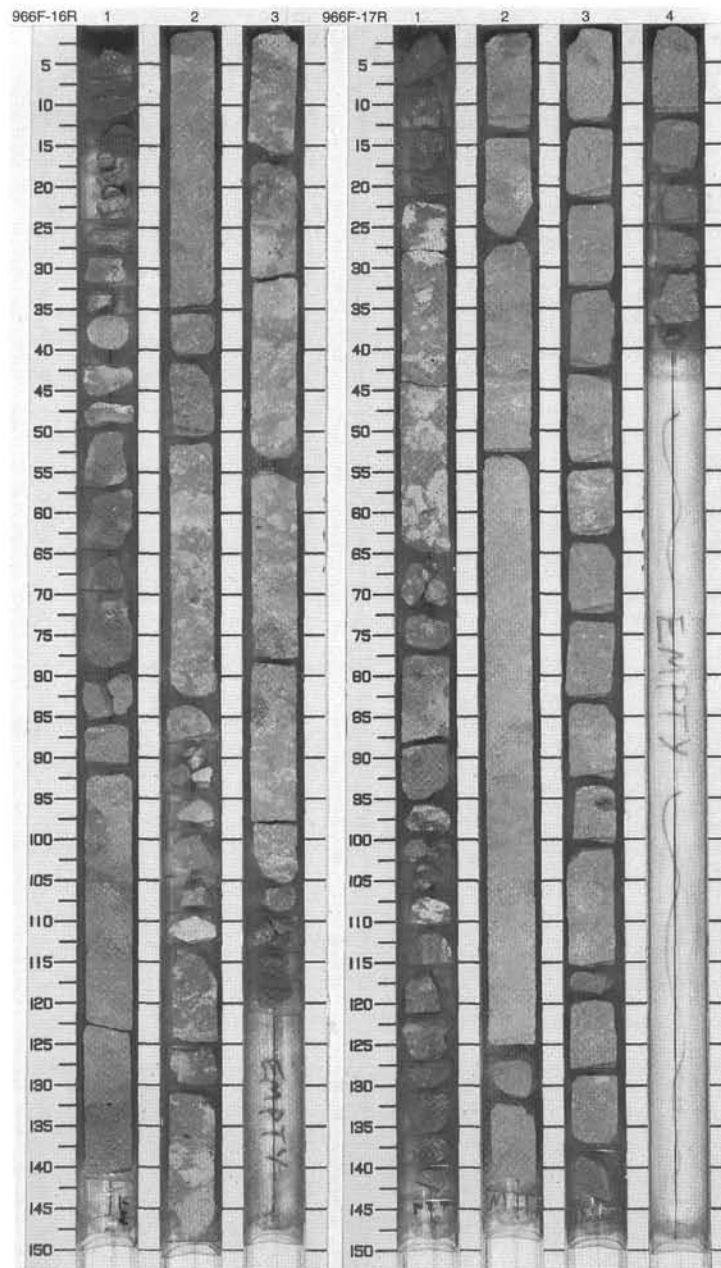
CORED 202.0 - 211.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene	Ch R		T	N8 To 10YR 6/1	<p>ALGAL MUDSTONE/PACKSTONE and DOLOMITIC RECRYSTALLIZED LIMESTONE</p> <p>Major Lithologies: The rock in this core is ALGAL MUDSTONE/MUDSTONE and RECRYSTALLIZED LIMESTONE with oncolites in a very light gray to brown (N8-10YR 6/1) micrite matrix. A small amount of laminated algal mat is present.</p> <p>General Description: Core recovery 37%.</p>
2		2		Ch R				
3		3		Ch R				

SITE 966 HOLE F CORE 17R

CORED 211.6 - 221.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene	Ch R		T	10YR 6/1 To N8	<p>ALGAL MUDSTONE, MOLLUSK DOMINATED MUDSTONE and RECRYSTALLIZED ALGAL LIMESTONE</p> <p>Major Lithologies: The rock in the upper portion of this core is an ALGAL MUDSTONE in which the oncolites are distributed in a brownish (10YR 6/1) micrite matrix. In Section 4, there is a lithological change to a MOLLUSK-DOMINATED MUDSTONE in which numerous bivalves are distributed in a very light gray (N8) micrite matrix.</p> <p>General Description: Core recovery 43%.</p>
2		2		Ch R				
3		3		Ch R				
4		4		Ch R				



SITE 966 HOLE F CORE 18R CORED 221.3 - 231.0 mbsf

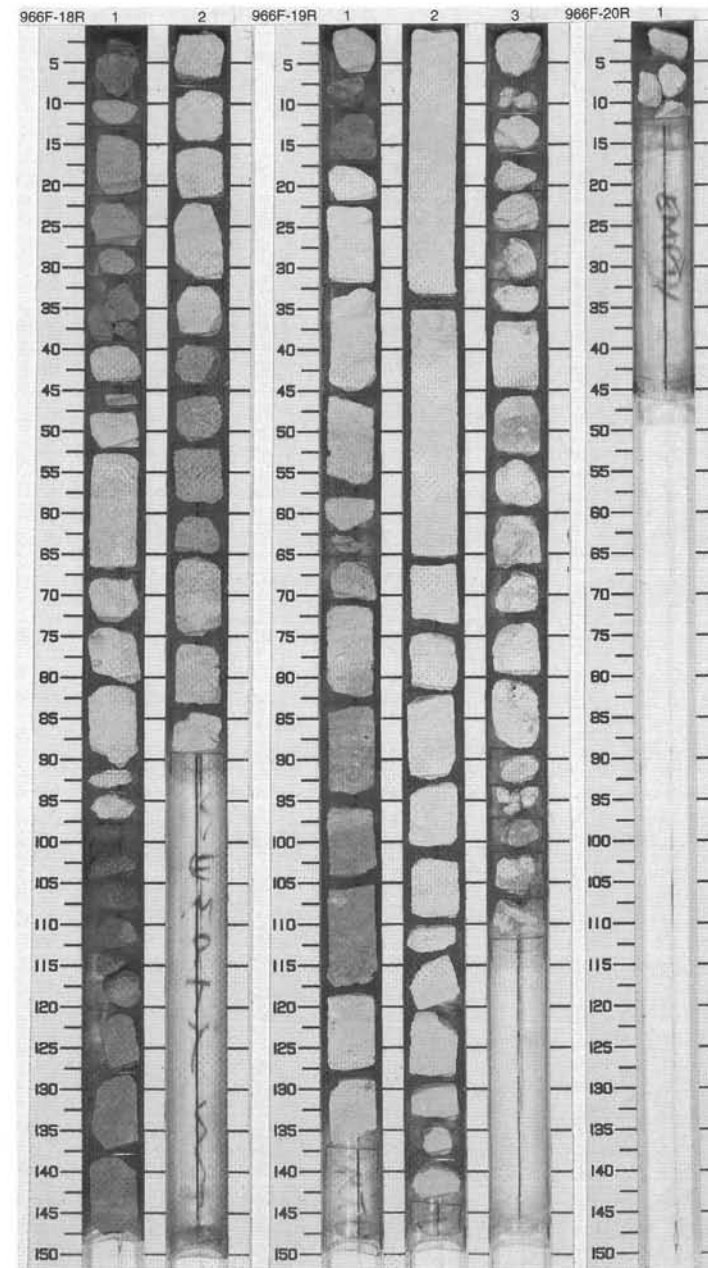
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene				10YR 6/1	<p>MOLLUSC DOMINATED MUDSTONE</p> <p>Major Lithology: The rock in this core is a MOLLUSK-DOMINATED MUDSTONE in which pelecypod valves are distributed in a brownish (10YR 6/1) micrite matrix. Some moldic porosity is developed after the shell clasts.</p> <p>General Description: Core recovery 20%.</p>
2		2						

SITE 966 HOLE F CORE 19R CORED 231.0 - 240.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			T	10YR 6/1	<p>ALGAL-DOMINATED MUDSTONE and BRYOZOAN BIOSPARITE</p> <p>Major Lithologies: The rock in this core is ALGAL-DOMINATED MUDSTONE and BRYOZOAN BIOSPARITE in which oncolites up to 5 cm are distributed in a brown (10YR 6/1) micrite matrix. Intercalated with this material are thin beds of bioclastic grainstone.</p> <p>General Description: Core recovery 36%.</p>
2		2						
3		3						

SITE 966 HOLE F CORE 20R CORED 240.6 - 250.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
								BIOSPARITE
								<p>Major Lithology: The rock in this core is BIOMICRITE with mollusk and algae as the dominant components cemented by calcite spar. Small green fragments (<1 mm) of material are incorporated in the rock, which is fractured and veined with secondary calcite.</p> <p>General Description: Core recovery 1%.</p>



SITE 966 HOLE F CORE 21R

CORED 250.3 - 259.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1						ALGAL-DOMINATED MUDSTONE and FORAMINIFER-BEARING BITUMINOUS CALCILUTITE
<p>Major Lithologies: The rock in this core is ALGAL-DOMINATED MUDSTONE and FORAMINIFER-BEARING BITUMINOUS CALCILUTITE with mollusk and algae as the dominant components cemented by calcite spar. The rock is fractured with secondary calcite filling some fissures.</p> <p>General Description: Core recovery 2%.</p>								

SITE 966 HOLE F CORE 22R

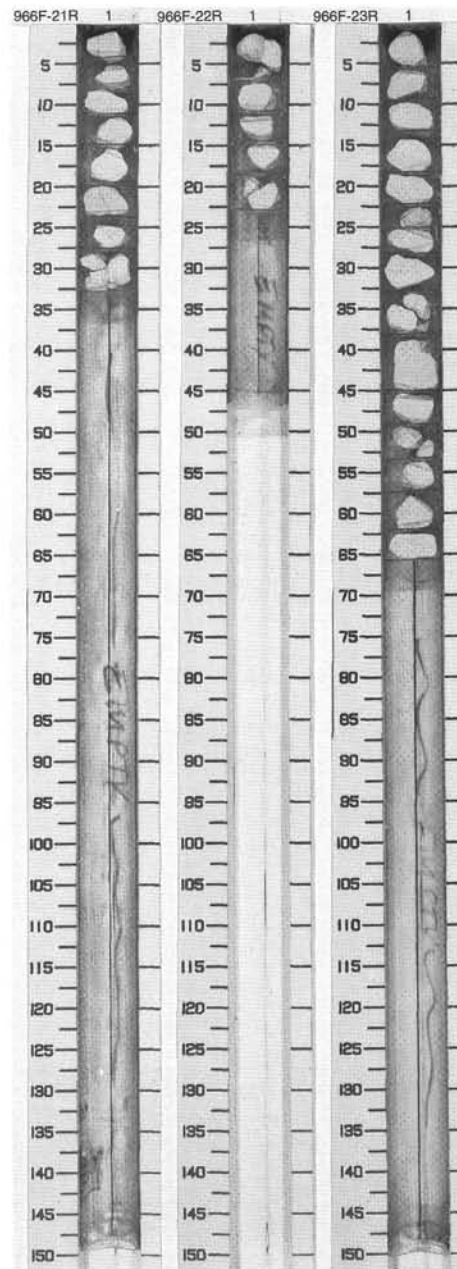
CORED 259.9 - 269.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1						BIOSPARITE
<p>Major Lithology: The rock in this core is BIOSPARITE with mollusk and algae as the dominant components cemented by calcite spar. There is minor fracturing in the material.</p> <p>General Description: Core recovery 1%.</p>								

SITE 966 HOLE F CORE 23R

CORED 269.4 - 279.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	Mio.			T T T	N8	BIOMICRITE/BIOSPARITE
<p>Major Lithologies: The rock in this core is very light gray (N8) BIOSPARITE/BIOMICRITE with bryozoans as the dominant components cemented by sparry and/or micritic calcite.</p> <p>General Description: Core recovery 6%.</p>								



SITE 966 HOLE F CORE 24R CORED 279.0 - 288.6 mbsf

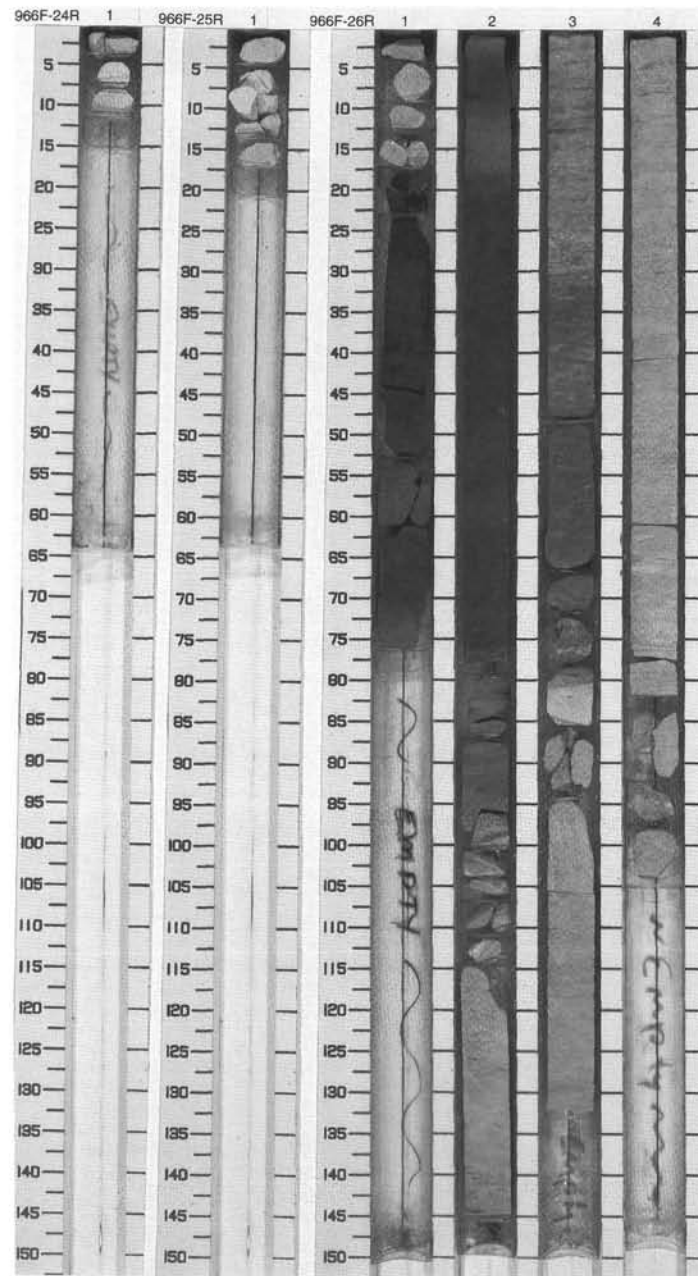
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
								BIOSPARITE
<p>Major Lithology: The rock in this core is BIOSPARITE with mollusk and algae as the dominant components cemented by calcite spar. There is minor fracturing in the material.</p> <p>General Description: Core recovery 1%</p>								

SITE 966 HOLE F CORE 25R CORED 288.6 - 298.3 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
								BIOSPARITE
<p>Major Lithology: The rock in this core is BIOSPARITE with mollusk and algae as the dominant components cemented by calcite spar. There is minor fracturing in the material.</p> <p>General Description: Core recovery 2%.</p>								

SITE 966 HOLE F CORE 26R CORED 298.3 - 307.9 mbsf

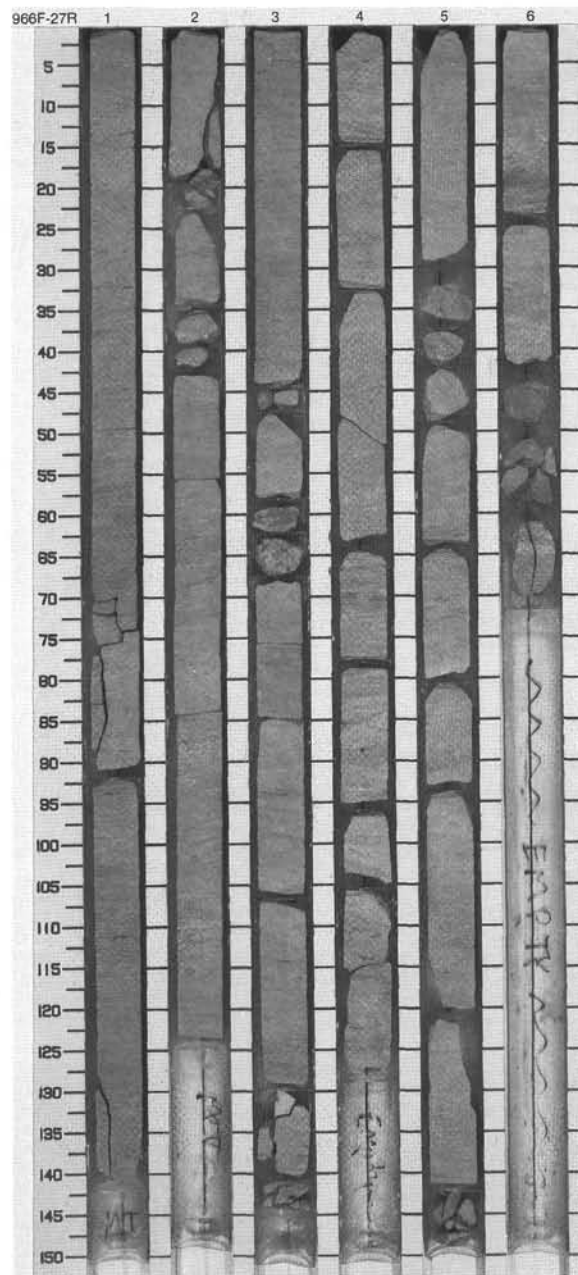
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
							N8	BIOSPARITE and BITUMINOUS CALCAREOUS MUDSTONE
<p>Major Lithologies: The top 15 cm of this core consists of very light gray (N8) BIOSPARITE with a sparry calcite cement. From Section 1, 15 cm, to the bottom of the core the rock is a dark gray (5Y 4/1) finely laminated BITUMINOUS CALCAREOUS MUDSTONE, which has been intensely burrowed. The laminae are of mm size and there is a considerable proportion of silt-sized material in the rock.</p> <p>General Description: Core recovery 44%.</p>								



SITE 966 HOLE F CORE 27R

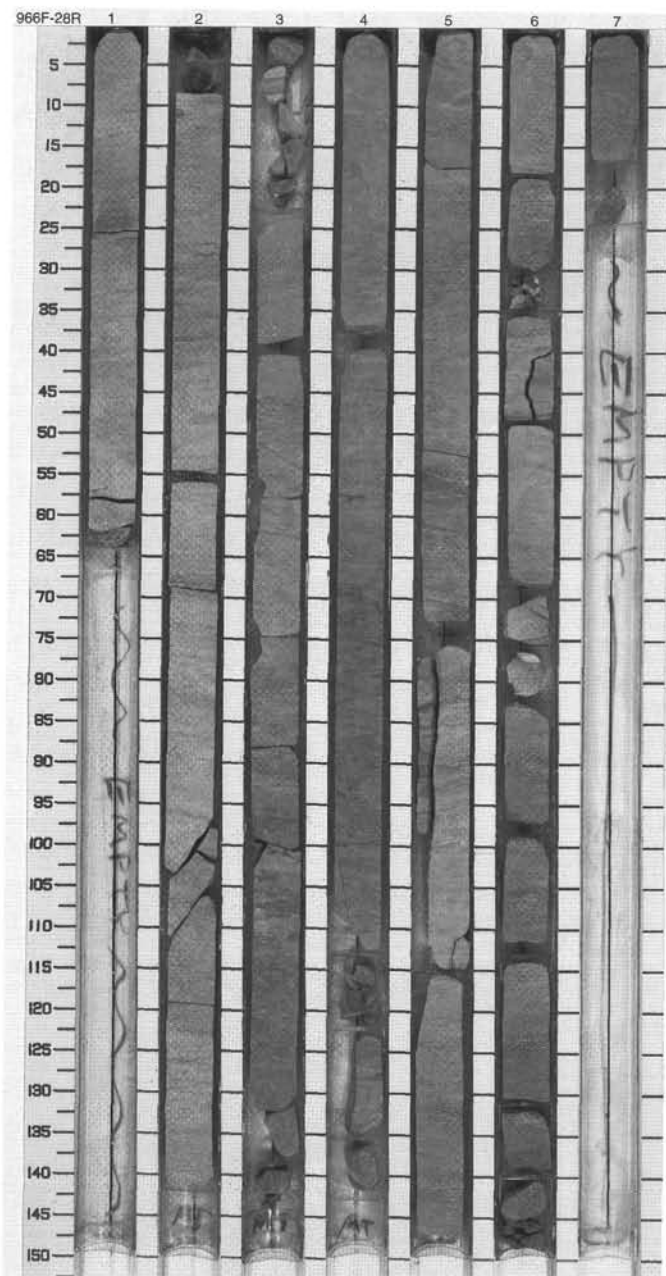
CORED 307.9 - 317.5 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1					FORAMINIFER BIOMICRITE Major Lithology: The rock in this core is very light gray (N8) finely laminated FORAMINIFER BIOMICRITE that has been intensely bioturbated. The material is well cemented by sparry calcite. General Description: Core recovery 74%. Many of the rock fragments are fractured.
2		2					
3		3			T		
4		4			T	N8	
5		5					
6		6					
7		7					
8		8					
9		9					
10		10					
11		11					
12		12					
13		13					









CORED 317.5 - 327.1 mbsf

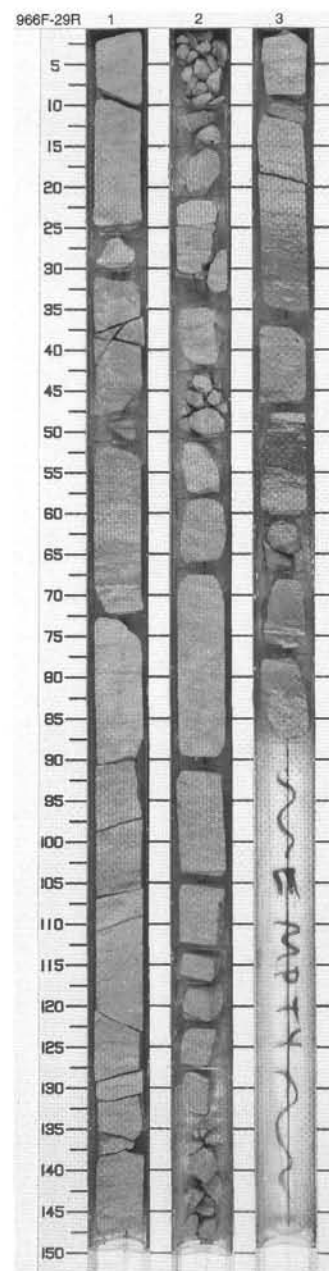
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1					CALCILUTITE
2		2					Major Lithology: The rock in this core is very light gray (N8) finely laminated CALCILUTITE that has been intensely bioturbated. The material is well cemented by sparry calcite.
3		3					General Description: Core recovery 80%. Rocks are somewhat fractured.
4		4				N8	
5		5					
6		6					
7		7					



SITE 966 HOLE F CORE 29R

CORED 327.1 - 336.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description				
1		1	Eocene				N 8	CALCILUTITE and FORAMINIFER BIOMICRITE				
2		2						Major Lithologies: The rock in this core is very light gray (N8) finely laminated CALCILUTITE that has been intensely bioturbated. The material is well cemented by sparry calcite.				
3		3						General Description: Core recovery 36%. The rock fragments in this core are fractured.				
												
												



SITE 966 HOLE F CORE 30R

CORED 336.8 - 346.4 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1					<p>CALCILUTITE and FORAMINIFER BIOMICRITE</p> <p>Major Lithologies: The rock in this core is very light gray (N8) finely laminated CALCILUTITE that has been intensely bioturbated. The material is well cemented by calcite.</p> <p>General Description: Core recovery 42%.</p>
2		2			T	N8	
3		3					
4							

SITE 966 HOLE F CORE 31R

CORED 346.4 - 356.0 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1					<p>CALCILUTITE and FORAMINIFER BIOMICRITE</p> <p>Major Lithologies: The rock in this core is very light gray (N8) intensely bioturbated CALCILUTITE that is well cemented by calcite.</p> <p>General Description: Core recovery 35%. The material in this core is fractured.</p>
2		2			T	N8	
3		3					

