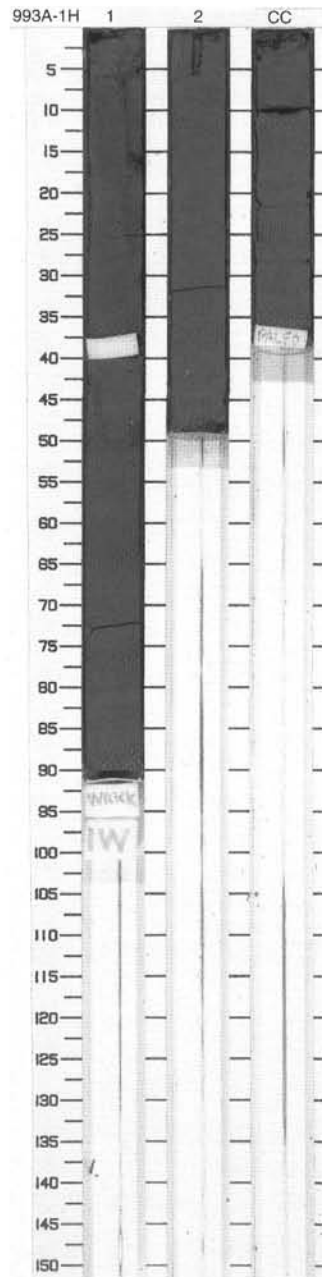


SITE 993 HOLE A CORE 1H

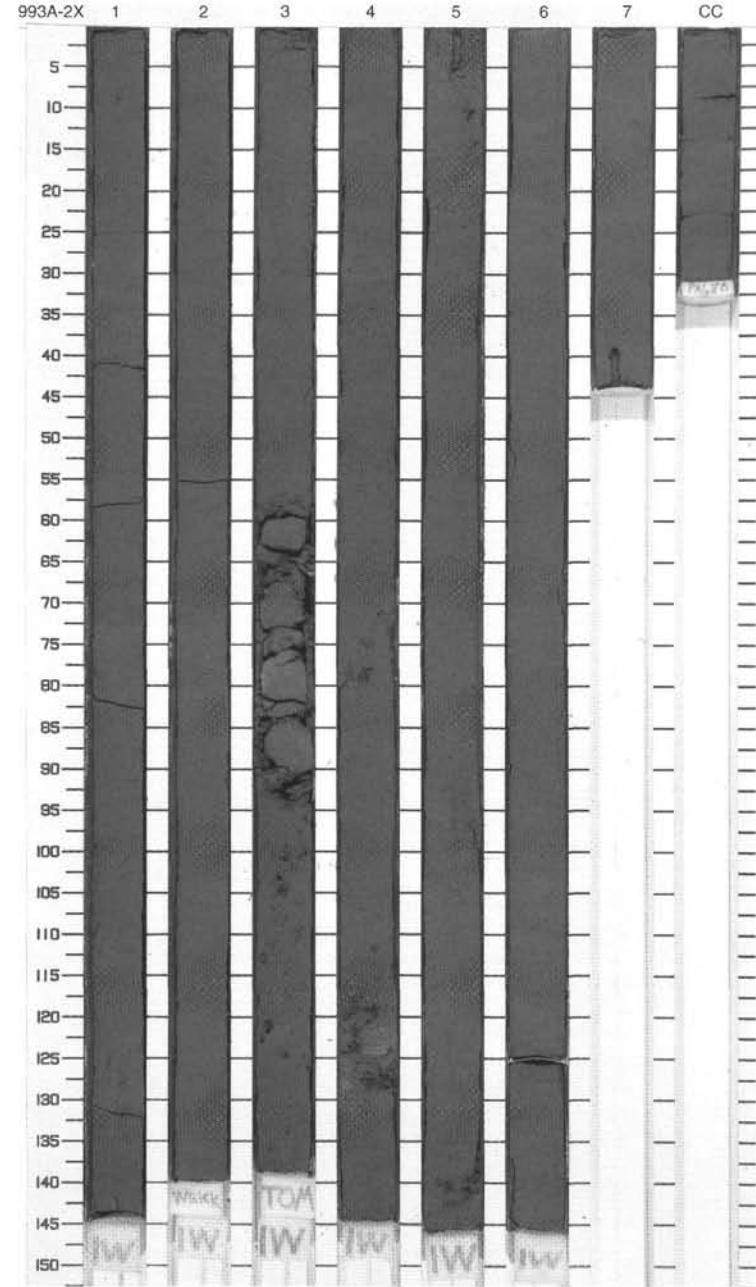
CORED 0.0 - 1.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	late Miocene	~		S	5GY 4/1	<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: The core consists of dark greenish-gray (5GY 4/1) NANNOFOSSIL-RICH CLAY, mottled by bioturbation.</p> <p>Minor Lithologies: Section 1, 0-6 cm, consists of olive-brown (2.5Y 4/4) NANNOFOSSIL-RICH CLAY.</p>
		2				I W		
		CC						



SITE 993 HOLE A CORE 2X CORED 1.9 - 13.8 mbsf

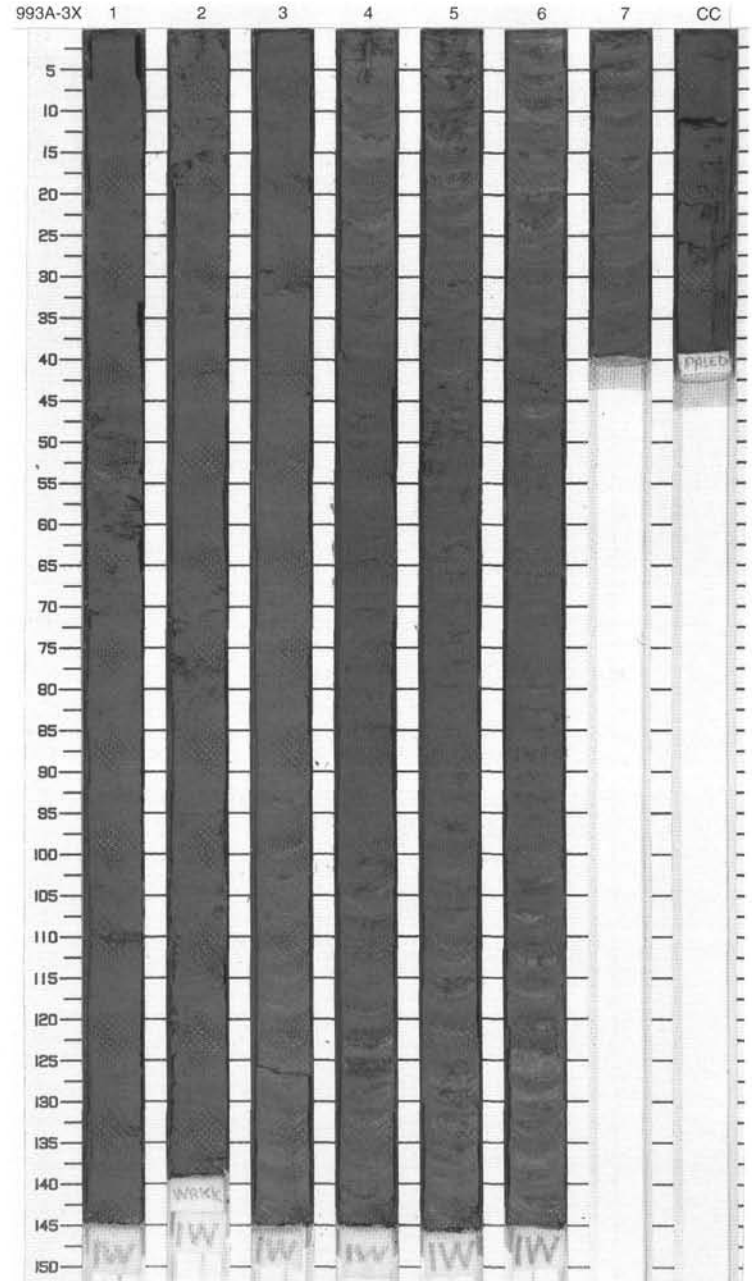
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1				D SC		<p><b>NANNOFOSSIL-RICH CLAY</b></p> <p>Major Lithology: The core consists of dark gray (5Y 4/1) NANNOFOSSIL-RICH CLAY, mottled by moderate to intense bioturbation. Disseminated pyrite and fine-grained dolomite rhombs occur throughout. The abundance of dolomite is typically 1 to 5%.</p> <p>Minor Lithologies: Section 3, 60-93 cm, contains a gray (5Y 5/1) CARBONATE NODULE that is surrounded by CALCAREOUS SILTY CLAY. Small nodules (less than 1 cm in diameter) occur in Section 3, 93-140 cm. The nodules generally contain about 75% dolomite.</p>
2	[Dotted pattern]	2				I W S	5Y 4/1	
3	[Dotted pattern]	3				I D SC D SC		
4	[Dotted pattern]	3		⊙		D SC S	5Y 5/1	
5	[Dotted pattern]	4	late Miocene	⊙		I W		
6	[Dotted pattern]	5		⊗		D S		
7	[Dotted pattern]	5		⊗		I D S	5Y 4/1	
8	[Dotted pattern]	6		⊗		I D S		
9	[Dotted pattern]	7		⊗		I		
		CC						



SITE 993 HOLE A CORE 3X

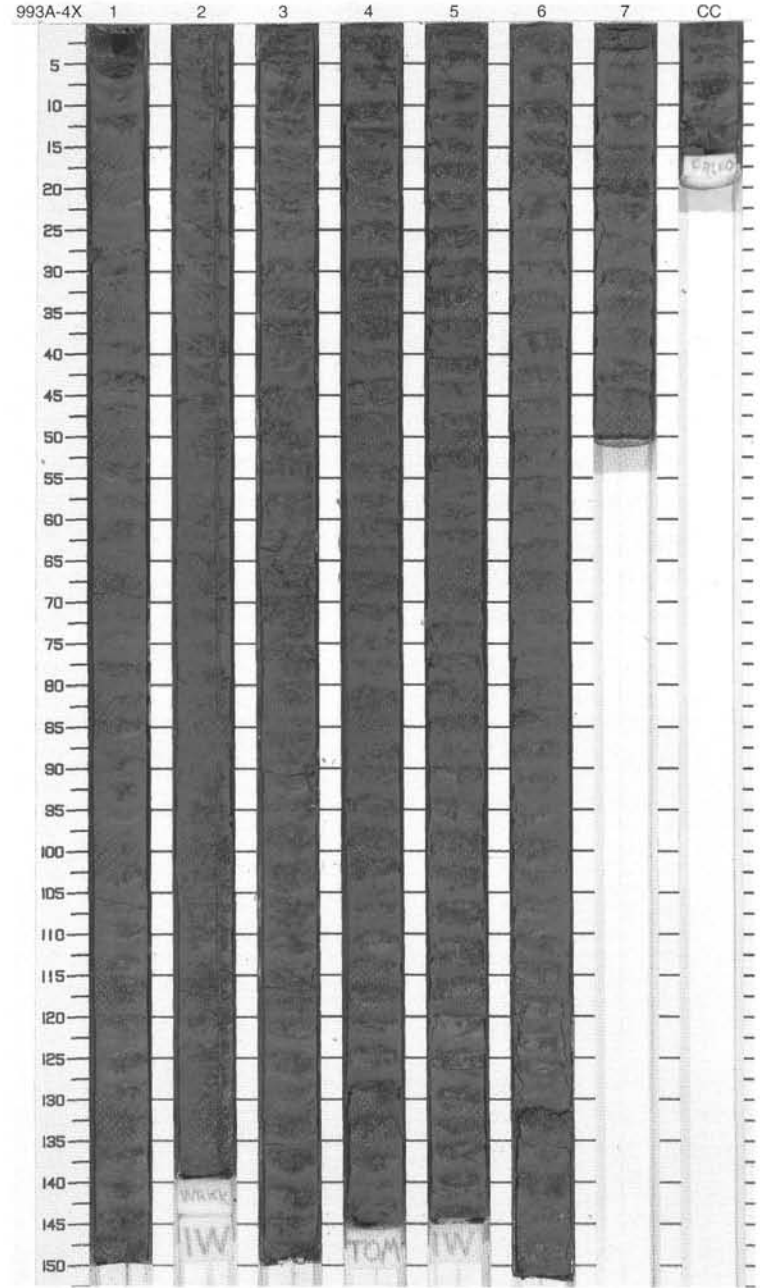
CORED 13.8 - 23.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~	X	D SC		<p>NANNOFOSSIL-RICH CLAY</p> <p>Major Lithology: The core consists of olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY. Severe drilling disturbance has resulted in the formation of biscuit structure. Bioturbation is slight throughout the core. Disseminated pyrite and carbonate rhombs occur throughout. The abundance of carbonate rhombs is typically 1% to 5%.</p>
2	[Dotted pattern]	2		~	X	I		
3	[Dotted pattern]	3		~	X	I W		
4	[Dotted pattern]	4	late Miocene	~	X	I	5Y 4/2	
5	[Dotted pattern]	5			X	I		
6	[Dotted pattern]	6			X	I		
7	[Dotted pattern]	7		~	X	D SC		
9	[Dotted pattern]	CC						



SITE 993 HOLE A CORE 4X CORED 23.0 - 32.6 mbsf

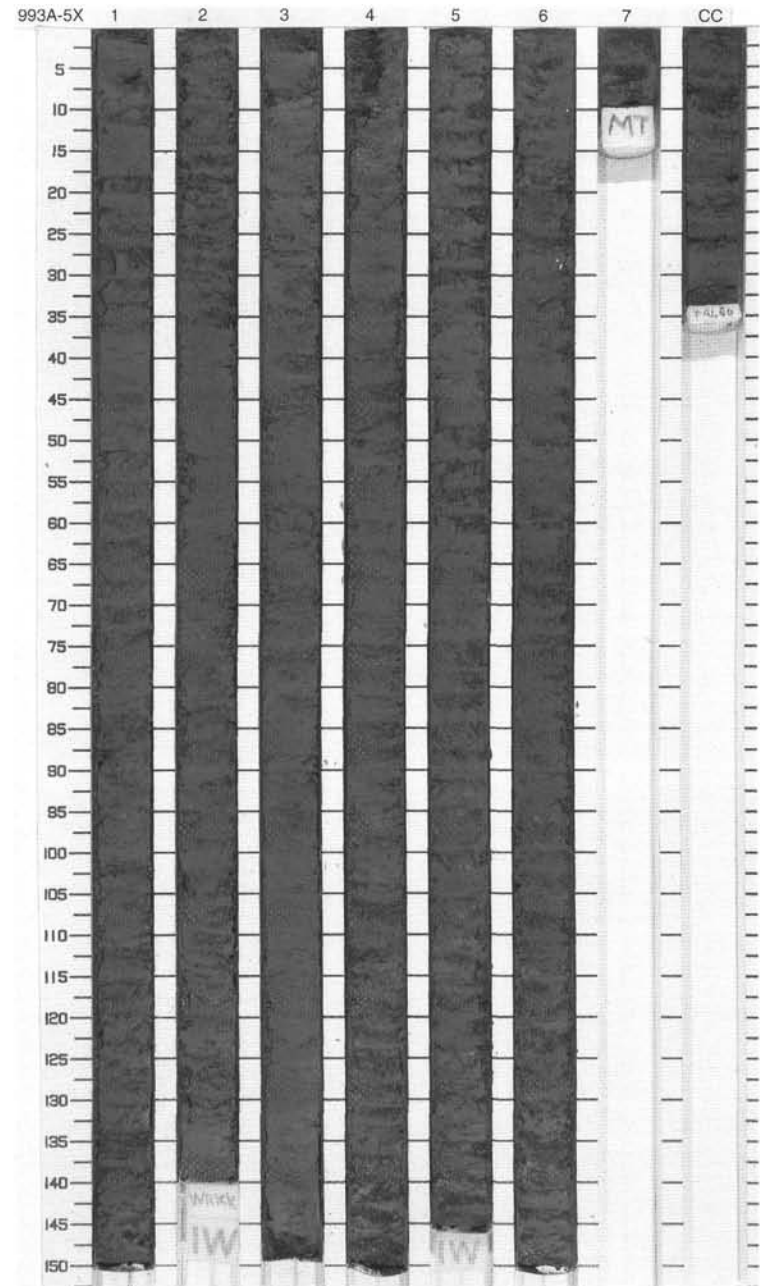
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Hatched pattern]	1	late Miocene	∅	X	S DC	5Y 4/2	<p>NANNOFOSSIL SILTY CLAY</p> <p>Major Lithology: This core consists of olive gray (5Y 4/2) NANNOFOSSIL SILTY CLAY. Severe drilling disturbance has resulted in the formation of biscuit structure, obscuring primary and secondary sedimentary structures. Faint bioturbation can be recognized locally. Disseminated pyrite and carbonate rhombs are present throughout.</p>
2	[Hatched pattern]	2		∅	X			
3	[Hatched pattern]	3		I W	X			
4	[Hatched pattern]	4		∅	X			
5	[Hatched pattern]	5			X			
6	[Hatched pattern]	6		W				
7	[Hatched pattern]	7						
9	[Hatched pattern]	7			W			
		CC			S DC			



SITE 993 HOLE A CORE 5X

CORED 32.6 - 42.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Miocene		X		5Y 4/2	<p>NANNOFOSSIL-RICH SILTY SANDY CLAY</p> <p>Major Lithology: This core consists of olive gray (5Y-4/2) NANNOFOSSIL-RICH SILTY SANDY CLAY. Disseminated pyrite and carbonate rhombs are present throughout and the sediments are slightly bioturbated. Drilling disturbance has resulted in the formation of biscuit structures.</p>
2	[Pattern]	2						
3	[Pattern]	3						
4	[Pattern]	3						
5	[Pattern]	4						
6	[Pattern]	5						
7	[Pattern]	6						
8	[Pattern]	7						
9	[Pattern]	CC						



SITE 993 HOLE A CORE 6X

CORED 42.2 - 51.9 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Hatched pattern]	1	late Miocene		XXXX	S DC	5Y 4/2	NANNOFOSSIL-RICH SILTY CLAY  Major Lithology: This core consists of olive gray (5Y-4/2) NANNOFOSSIL-RICH SILTY CLAY. Disseminated pyrite and carbonate rhombs are present throughout and the sediments are slightly bioturbated. Drilling disturbance has resulted in the formation of biscuit structures.
2	[Hatched pattern]	2				W		
3	[Hatched pattern]	3				I W		
4	[Hatched pattern]	4				S DC I W		
5	[Hatched pattern]	CC				S		

