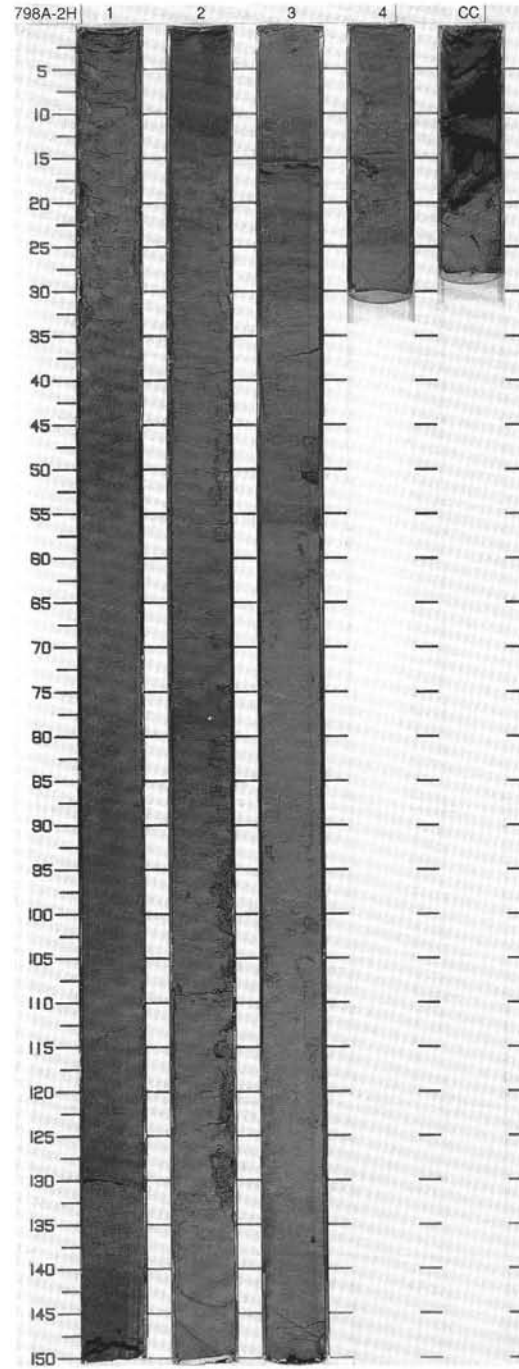


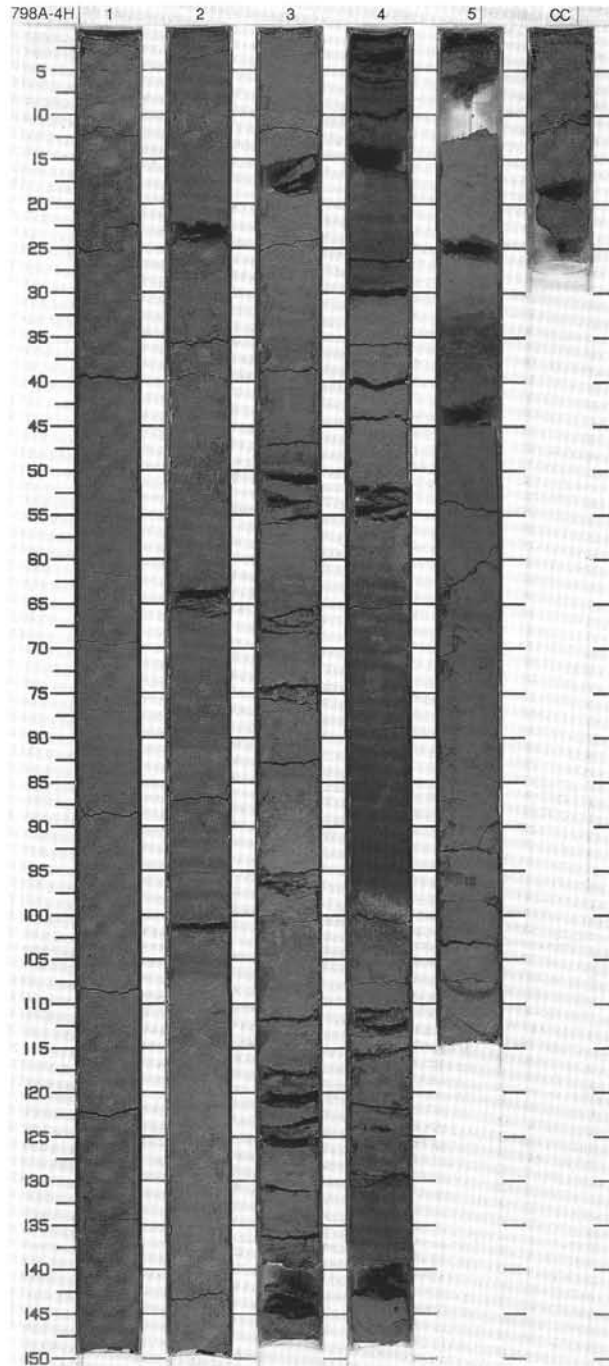
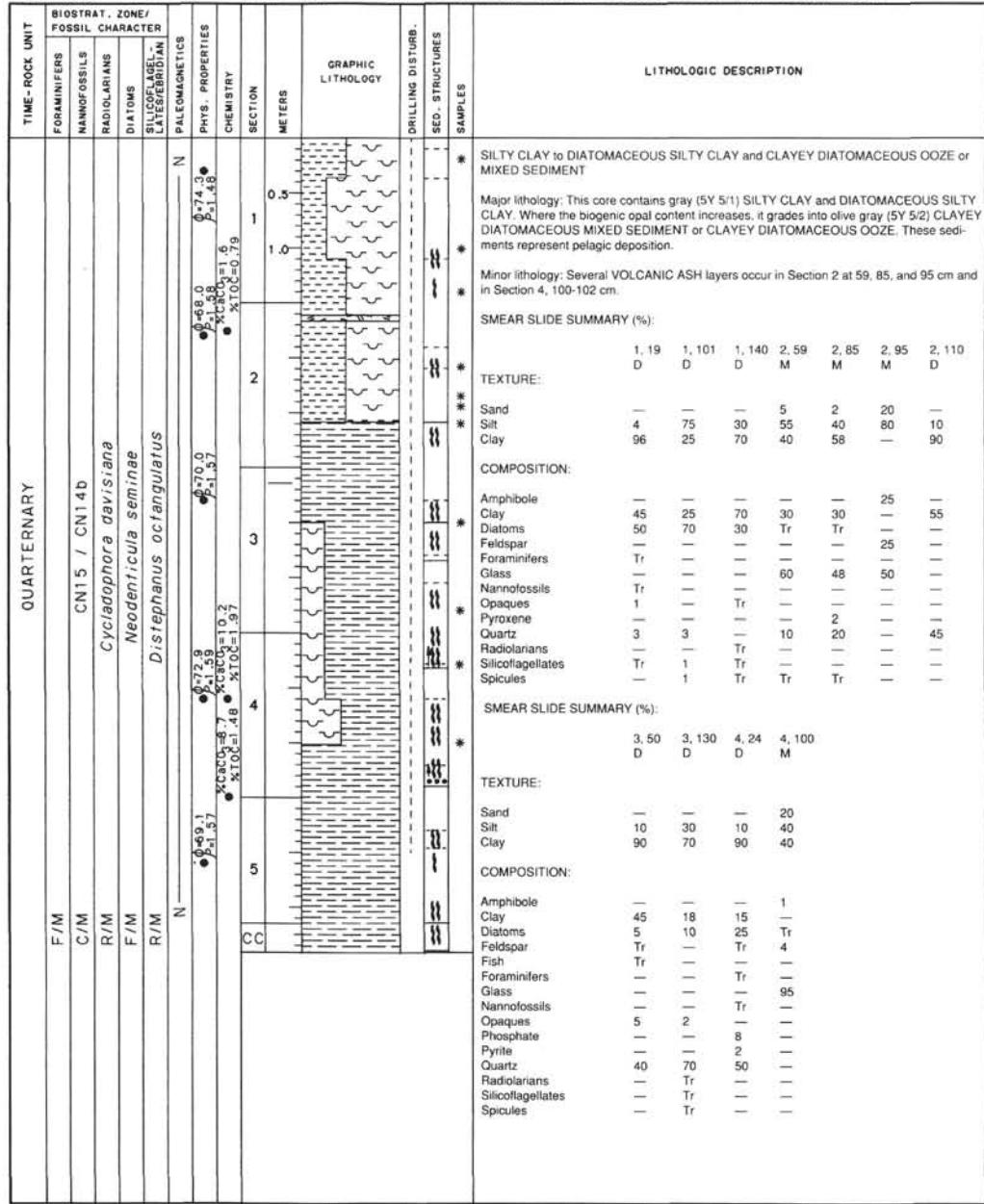
SITE 798 HOLE A CORE 2H CORED INTERVAL 912.4-921.4 mbsf; 9.3-18.3 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																																																																																																										
	FORAMINIFERS	NANNOFOSSILS	RADIOLIARIANS	DIATOMS																																																																																																																																																				
QUATERNARY	<i>Cycladophora davisiana</i>								0.5					<p>SILICEOUS OOZE and CLAY</p> <p>Major lithology: This core contains mainly SILICEOUS OOZE, rich in diatoms and sponge spicules. CLAY and CLAY with DIATOMS occur in Section 3, 10-31 cm and 61-135 cm. The ooze is olive gray (5Y 4/2 to 5Y 4/3), the clay-rich parts are more gray (5Y 5/1). The sediments have intervals of bioturbation and intervals of planar lamination. A normally graded sequence occurs in Section 3, 31-55 cm. The sediments represent background pelagic sedimentation.</p> <p>Minor lithology: A very dark gray (5Y 2.5/1) 0.5 cm thick vitric VOLCANIC ASH layer, either andesitic or basaltic, is present in the core catcher, 7 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <thead> <tr> <th></th> <th>1, 126</th> <th>2, 50</th> <th>3, 24</th> <th>3, 112</th> <th>CC, 7</th> </tr> <tr> <th></th> <th>D</th> <th>D</th> <th>M</th> <th>D</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>TEXTURE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sand</td> <td>10</td> <td>10</td> <td>2</td> <td>---</td> <td>40</td> </tr> <tr> <td>Silt</td> <td>60</td> <td>80</td> <td>10</td> <td>40</td> <td>55</td> </tr> <tr> <td>Clay</td> <td>30</td> <td>10</td> <td>88</td> <td>60</td> <td>5</td> </tr> </tbody> </table> <p>COMPOSITION:</p> <table border="1"> <tbody> <tr><td>Amphibole</td><td>---</td><td>---</td><td>---</td><td>Tr</td><td>---</td></tr> <tr><td>Calcite</td><td>5</td><td>---</td><td>3</td><td>---</td><td>---</td></tr> <tr><td>Clay</td><td>10</td><td>---</td><td>72</td><td>82</td><td>---</td></tr> <tr><td>Diatoms</td><td>35</td><td>47</td><td>10</td><td>3</td><td>Tr</td></tr> <tr><td>Feldspar</td><td>---</td><td>---</td><td>Tr</td><td>---</td><td>---</td></tr> <tr><td>Fish</td><td>---</td><td>---</td><td>Tr</td><td>---</td><td>---</td></tr> <tr><td>Foraminifers</td><td>---</td><td>---</td><td>Tr</td><td>---</td><td>---</td></tr> <tr><td>Glass</td><td>Tr</td><td>---</td><td>---</td><td>---</td><td>60</td></tr> <tr><td>Mica</td><td>---</td><td>---</td><td>---</td><td>---</td><td>Tr</td></tr> <tr><td>Nannofossils</td><td>20</td><td>10</td><td>---</td><td>---</td><td>---</td></tr> <tr><td>Opaques</td><td>---</td><td>---</td><td>10</td><td>---</td><td>---</td></tr> <tr><td>Pyrite</td><td>Tr</td><td>1</td><td>---</td><td>Tr</td><td>---</td></tr> <tr><td>Pyroxene</td><td>---</td><td>---</td><td>---</td><td>---</td><td>3</td></tr> <tr><td>Quartz</td><td>Tr</td><td>2</td><td>5</td><td>10</td><td>37</td></tr> <tr><td>Radiolarians</td><td>---</td><td>---</td><td>Tr</td><td>---</td><td>---</td></tr> <tr><td>Silicoflagellates</td><td>5</td><td>25</td><td>Tr</td><td>2</td><td>Tr</td></tr> <tr><td>Spicules</td><td>20</td><td>15</td><td>Tr</td><td>2</td><td>Tr</td></tr> </tbody> </table>		1, 126	2, 50	3, 24	3, 112	CC, 7		D	D	M	D	M	TEXTURE:						Sand	10	10	2	---	40	Silt	60	80	10	40	55	Clay	30	10	88	60	5	Amphibole	---	---	---	Tr	---	Calcite	5	---	3	---	---	Clay	10	---	72	82	---	Diatoms	35	47	10	3	Tr	Feldspar	---	---	Tr	---	---	Fish	---	---	Tr	---	---	Foraminifers	---	---	Tr	---	---	Glass	Tr	---	---	---	60	Mica	---	---	---	---	Tr	Nannofossils	20	10	---	---	---	Opaques	---	---	10	---	---	Pyrite	Tr	1	---	Tr	---	Pyroxene	---	---	---	---	3	Quartz	Tr	2	5	10	37	Radiolarians	---	---	Tr	---	---	Silicoflagellates	5	25	Tr	2	Tr	Spicules	20	15	Tr	2	Tr
		1, 126	2, 50	3, 24	3, 112	CC, 7																																																																																																																																																		
		D	D	M	D	M																																																																																																																																																		
	TEXTURE:																																																																																																																																																							
Sand	10	10	2	---	40																																																																																																																																																			
Silt	60	80	10	40	55																																																																																																																																																			
Clay	30	10	88	60	5																																																																																																																																																			
Amphibole	---	---	---	Tr	---																																																																																																																																																			
Calcite	5	---	3	---	---																																																																																																																																																			
Clay	10	---	72	82	---																																																																																																																																																			
Diatoms	35	47	10	3	Tr																																																																																																																																																			
Feldspar	---	---	Tr	---	---																																																																																																																																																			
Fish	---	---	Tr	---	---																																																																																																																																																			
Foraminifers	---	---	Tr	---	---																																																																																																																																																			
Glass	Tr	---	---	---	60																																																																																																																																																			
Mica	---	---	---	---	Tr																																																																																																																																																			
Nannofossils	20	10	---	---	---																																																																																																																																																			
Opaques	---	---	10	---	---																																																																																																																																																			
Pyrite	Tr	1	---	Tr	---																																																																																																																																																			
Pyroxene	---	---	---	---	3																																																																																																																																																			
Quartz	Tr	2	5	10	37																																																																																																																																																			
Radiolarians	---	---	Tr	---	---																																																																																																																																																			
Silicoflagellates	5	25	Tr	2	Tr																																																																																																																																																			
Spicules	20	15	Tr	2	Tr																																																																																																																																																			
								1.0																																																																																																																																																

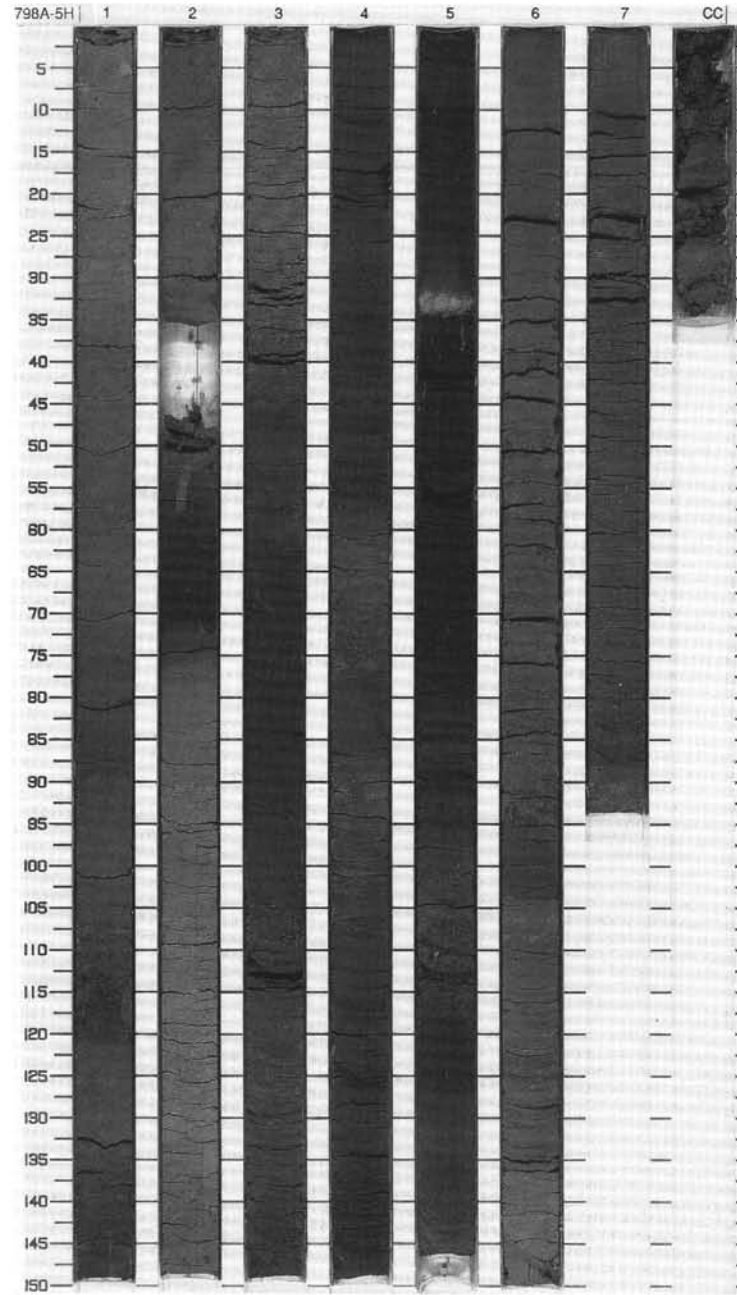
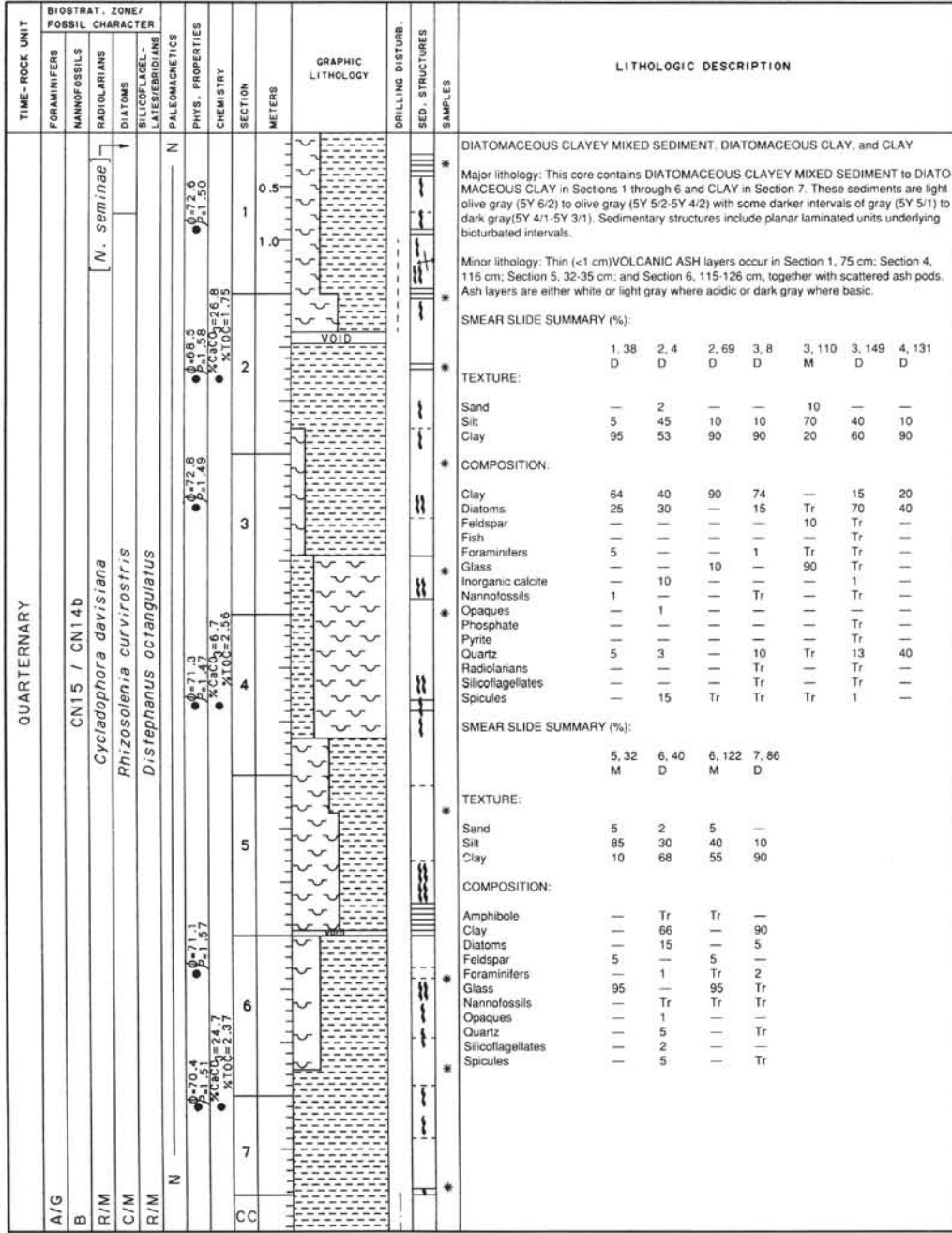




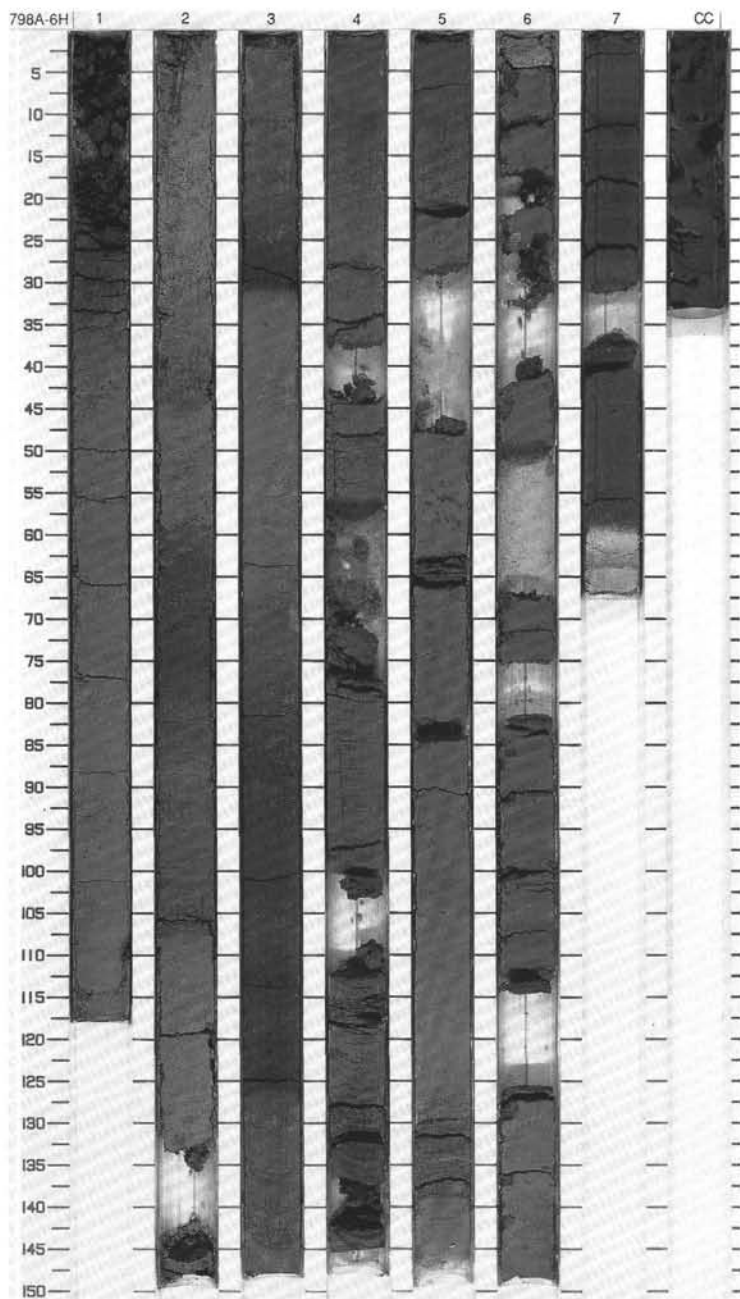
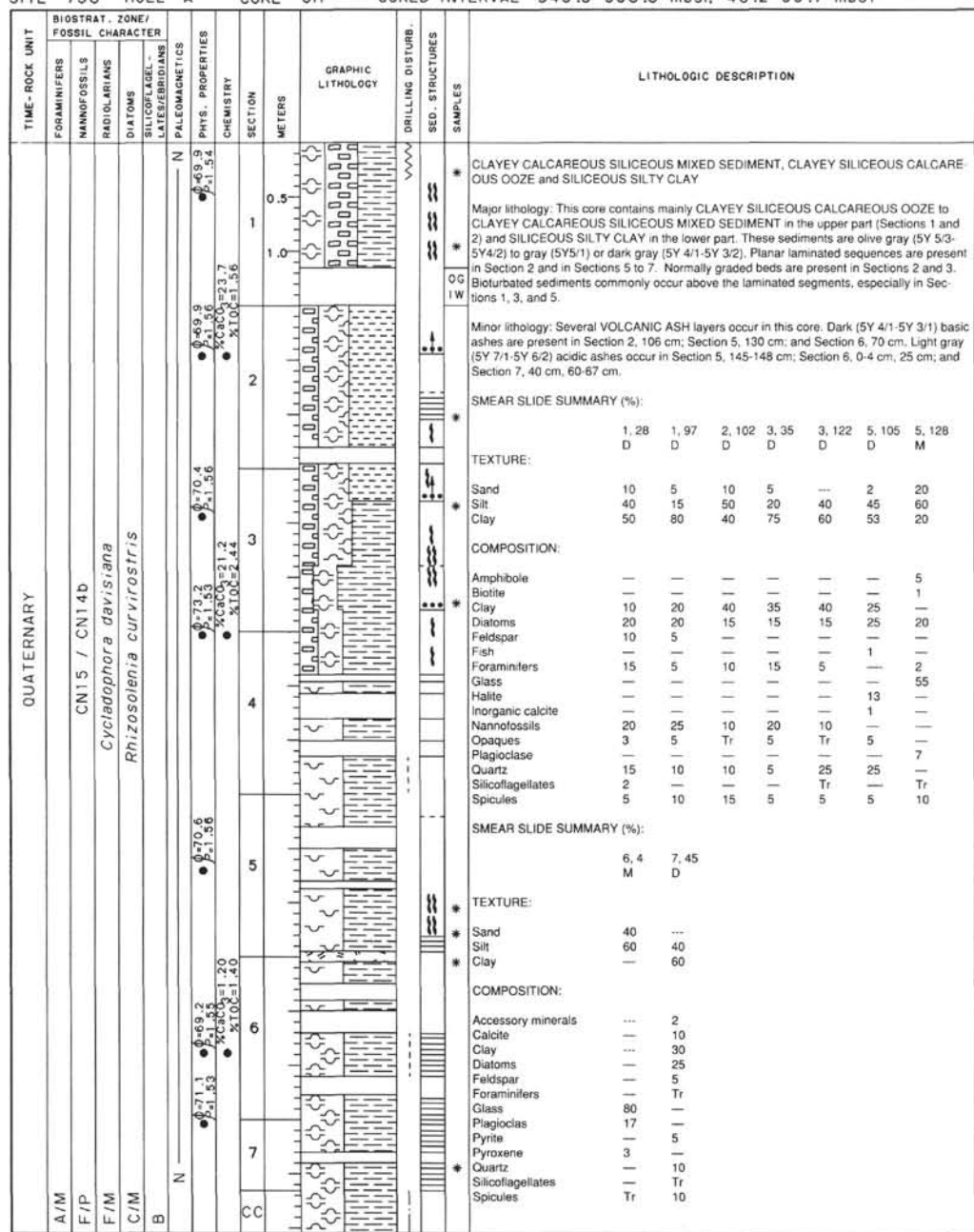
SITE 798 HOLE A CORE 4H CORED INTERVAL 930.4 -939.8 mbsf; 27.3-36.7 mbsf

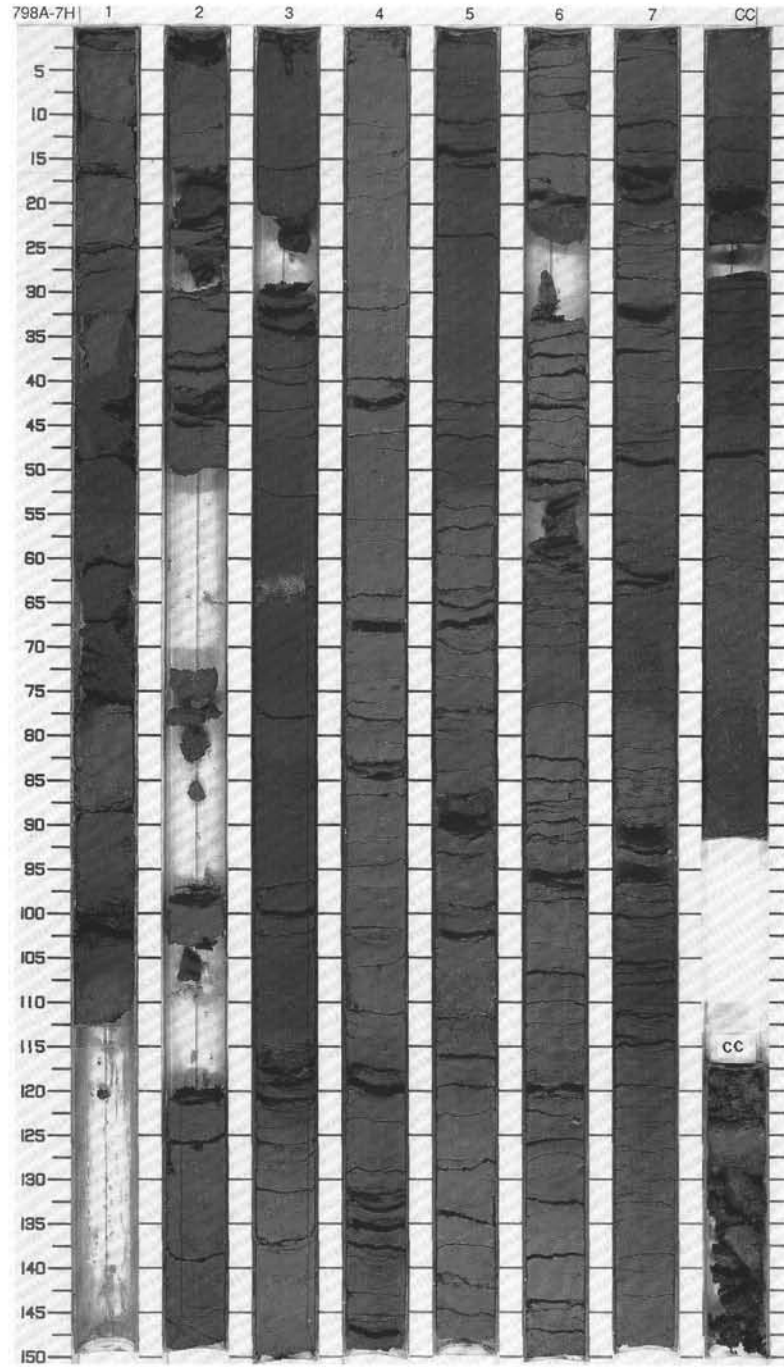
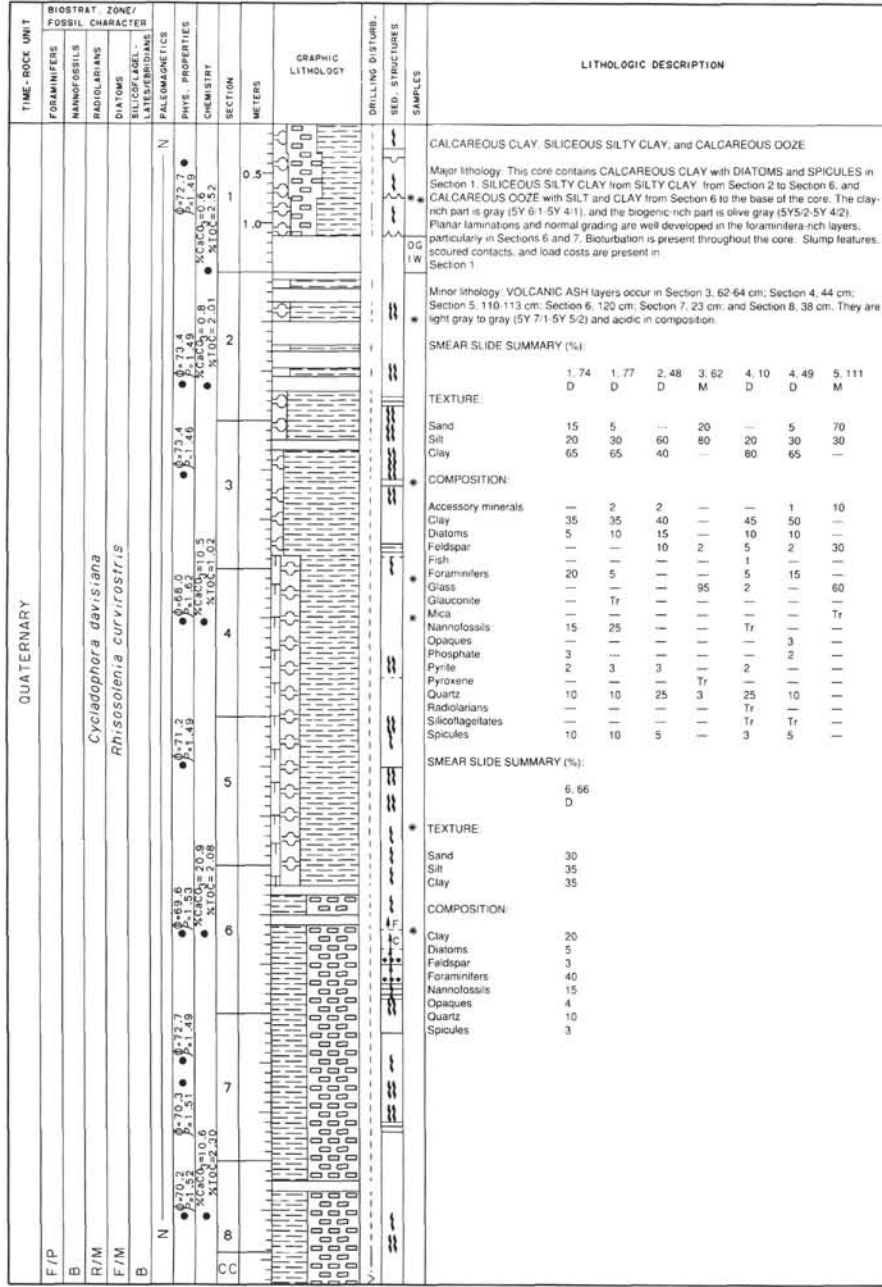


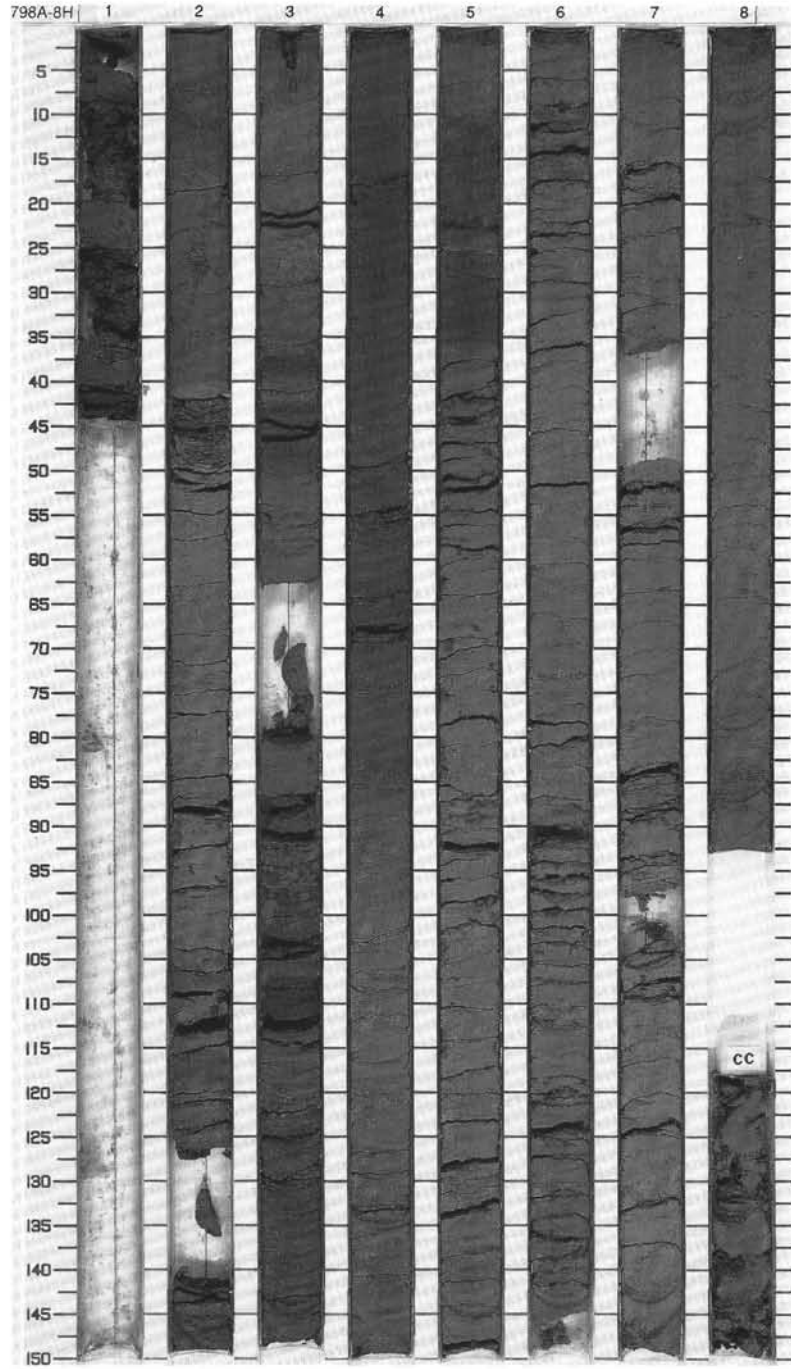
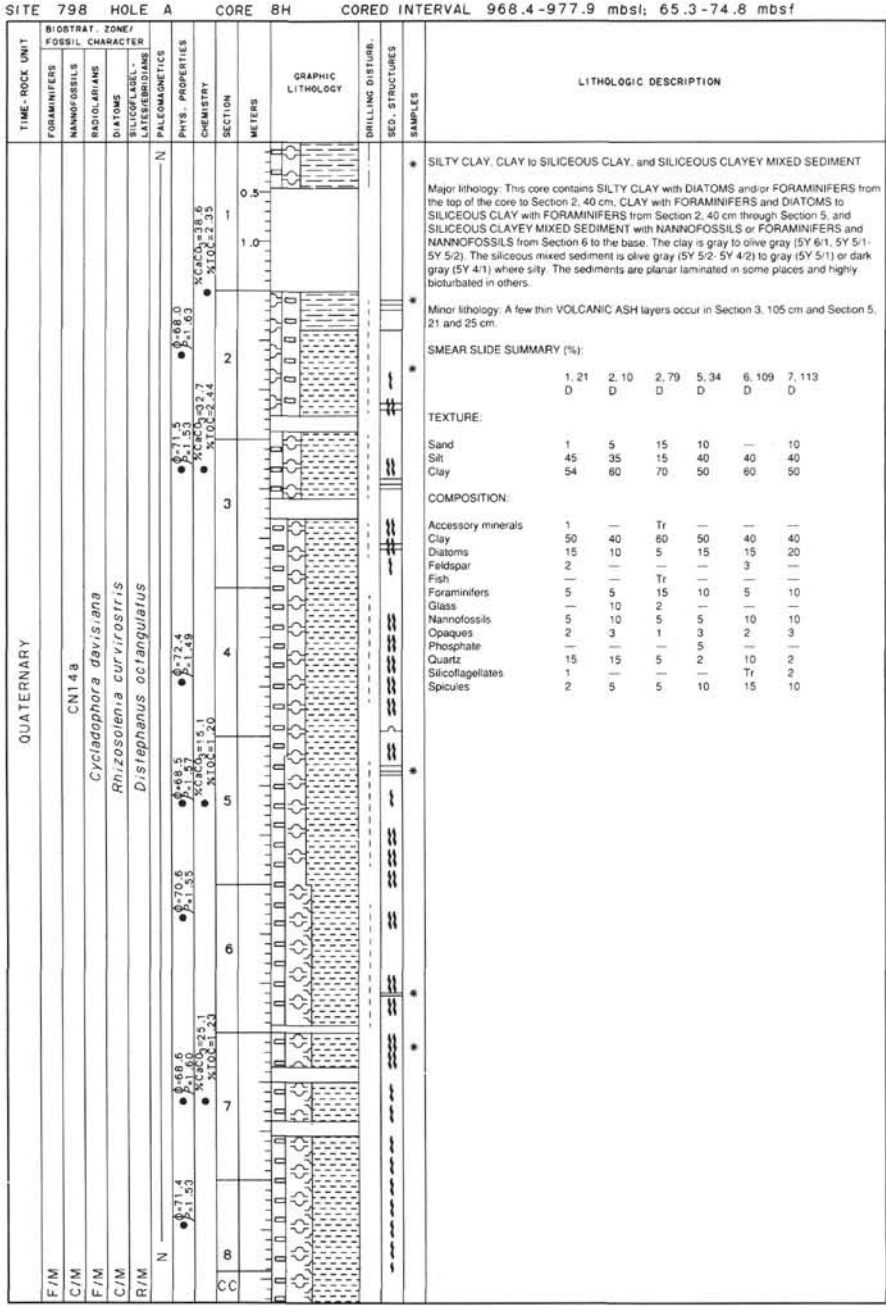




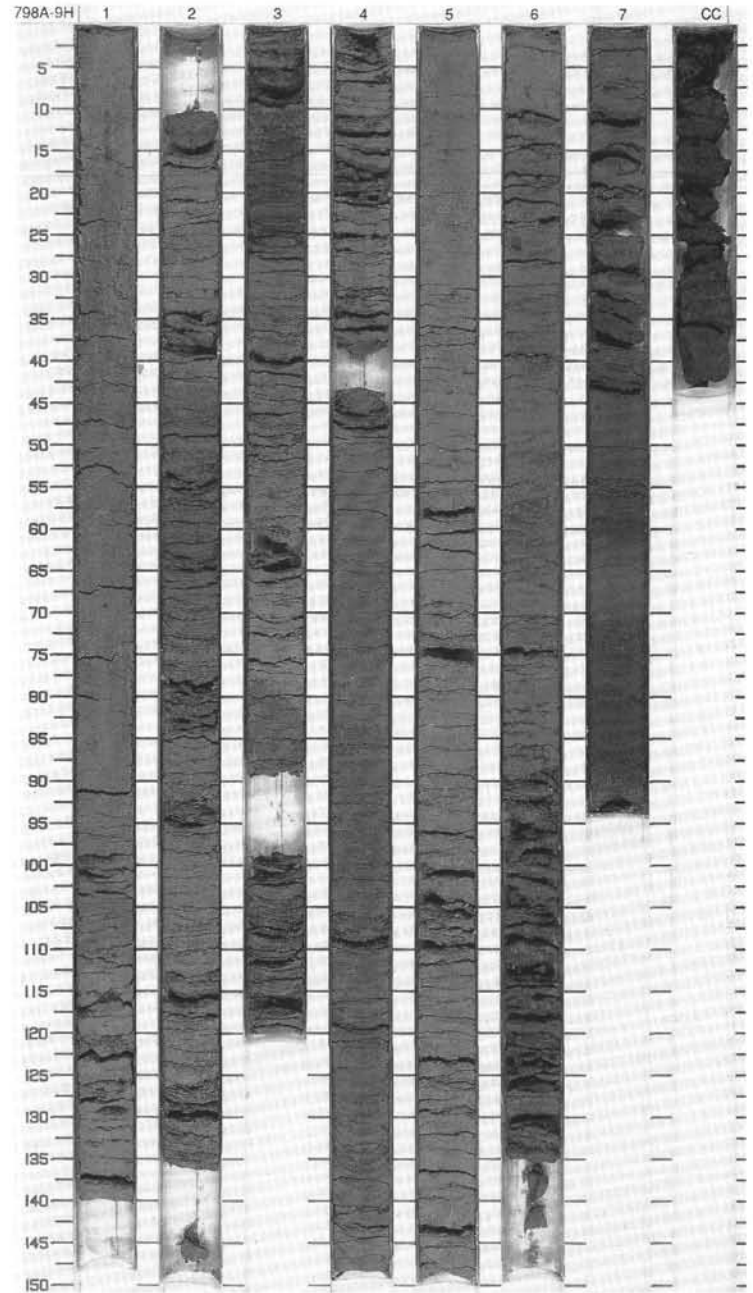
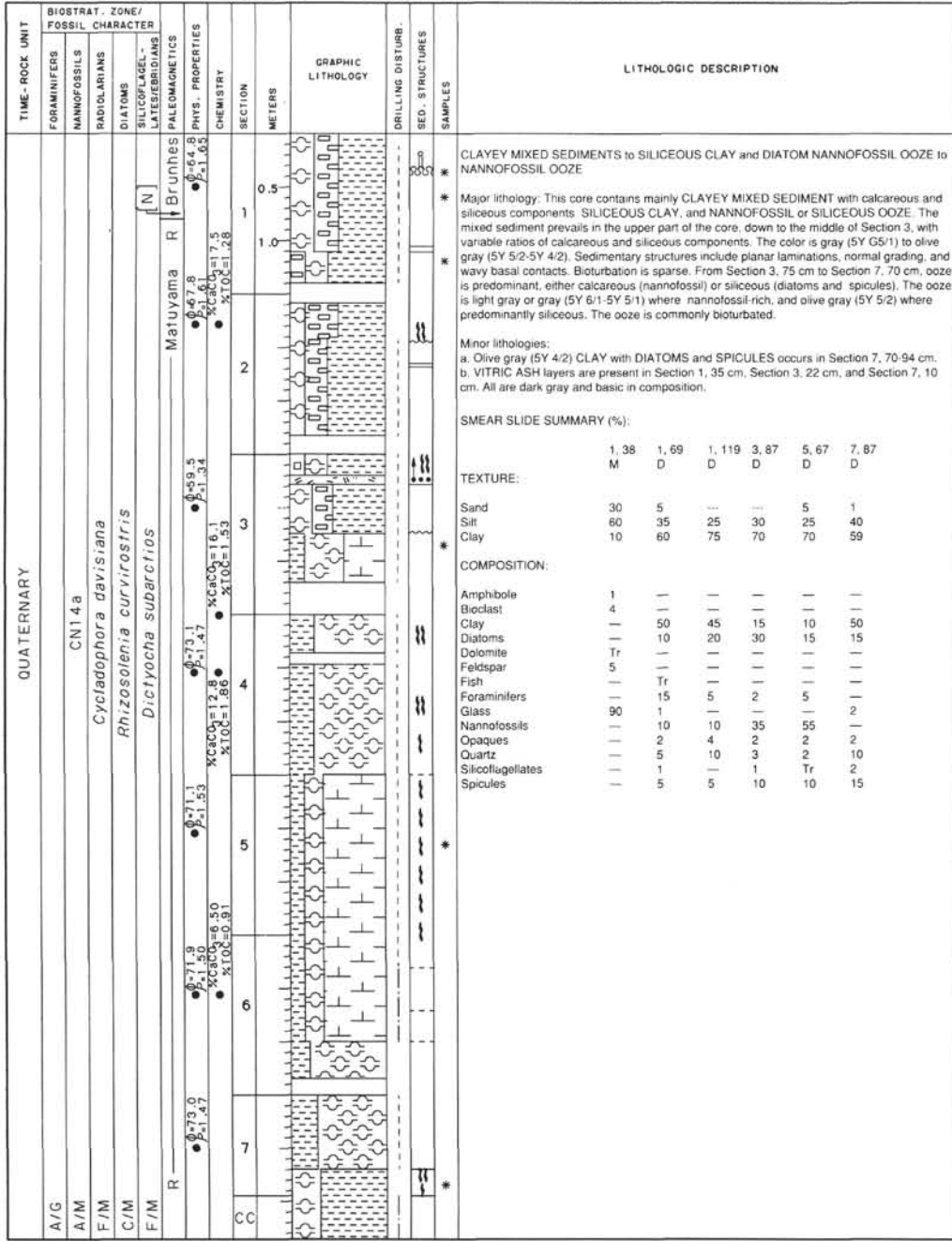
SITE 798 HOLE A CORE 6H CORED INTERVAL 949.3-958.8 mbsl; 46.2-55.7 mbsf



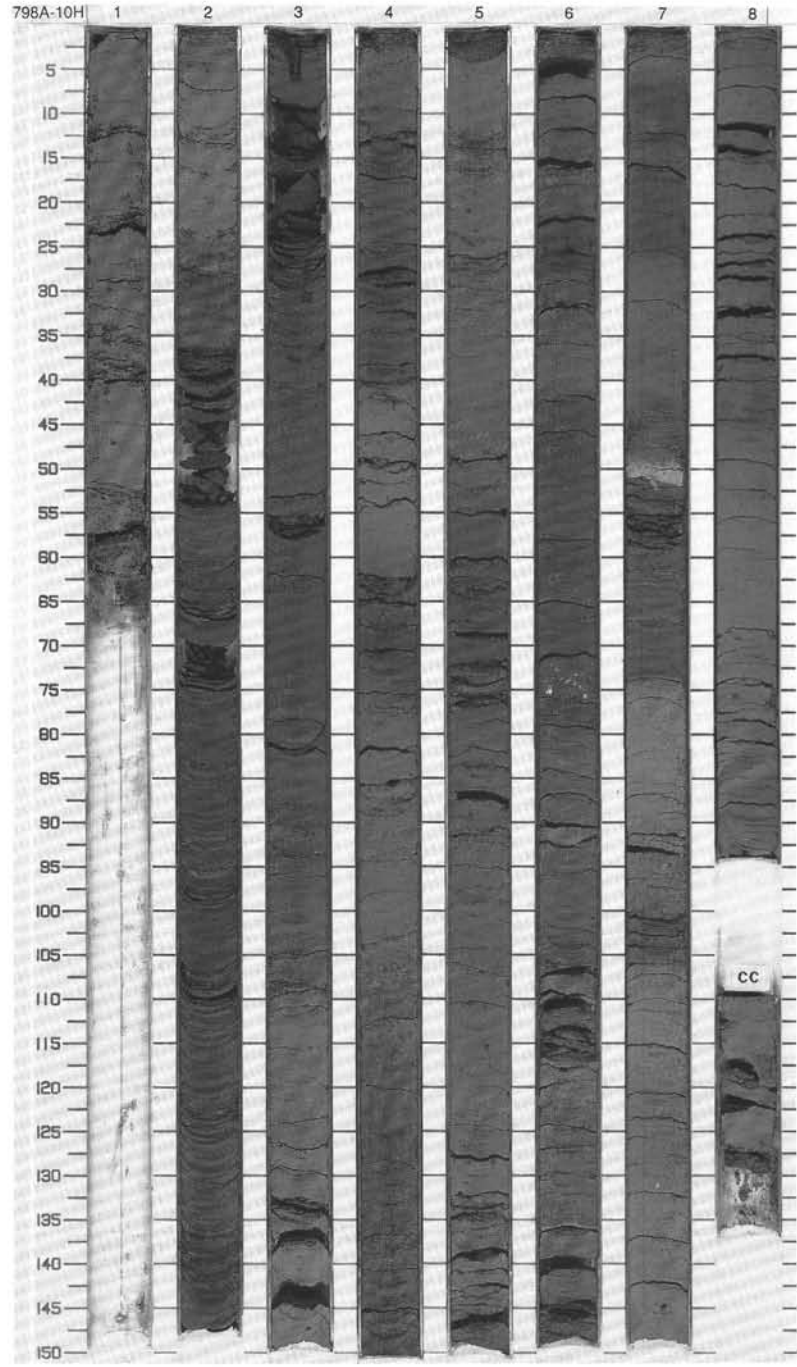
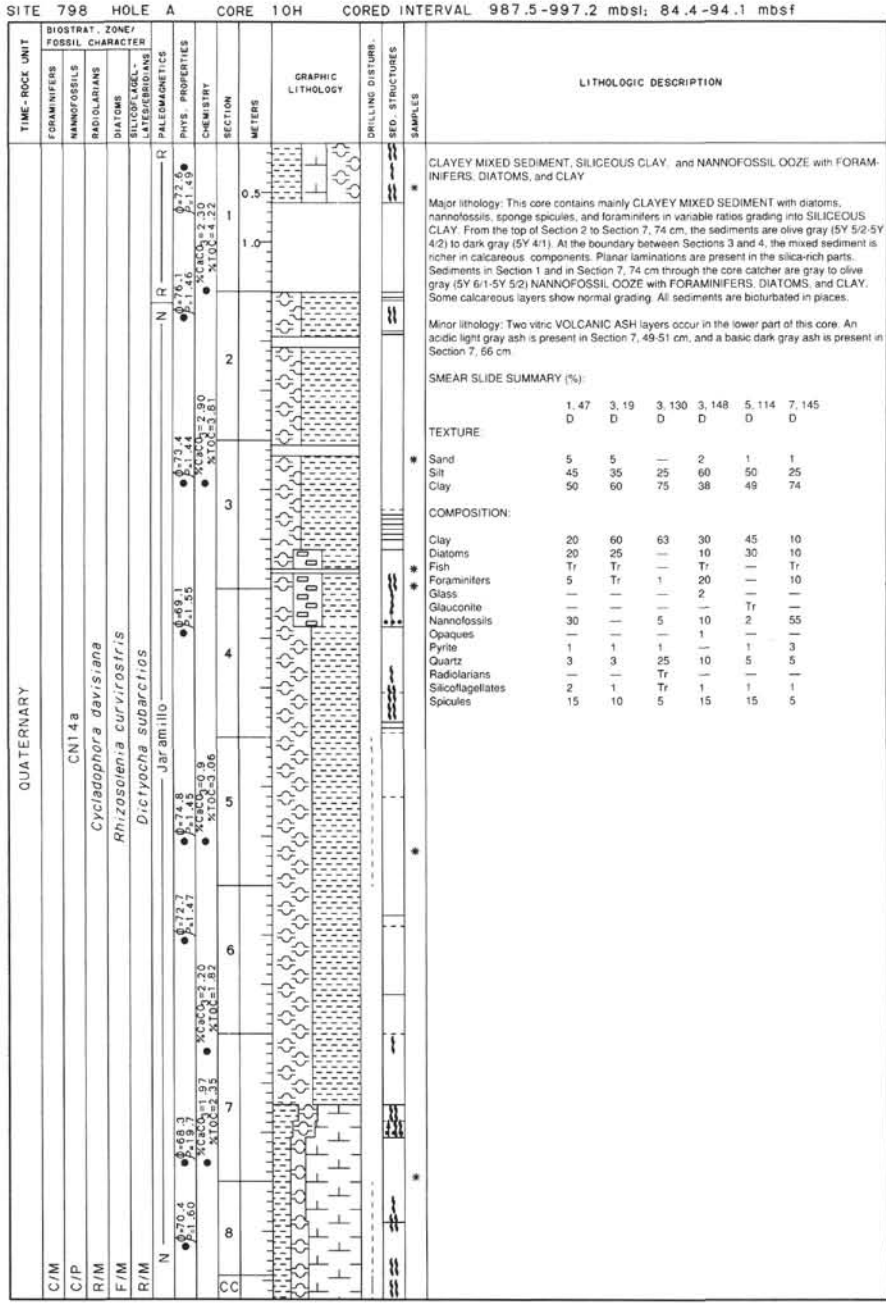


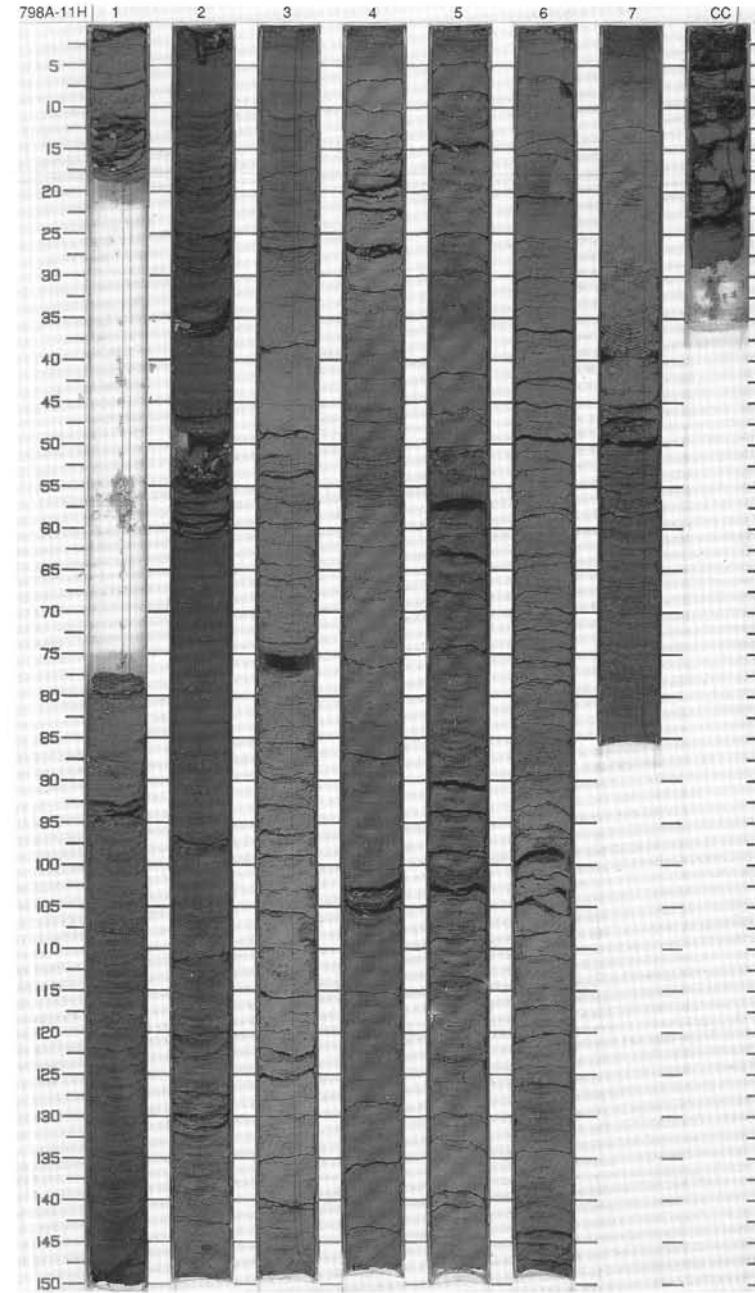
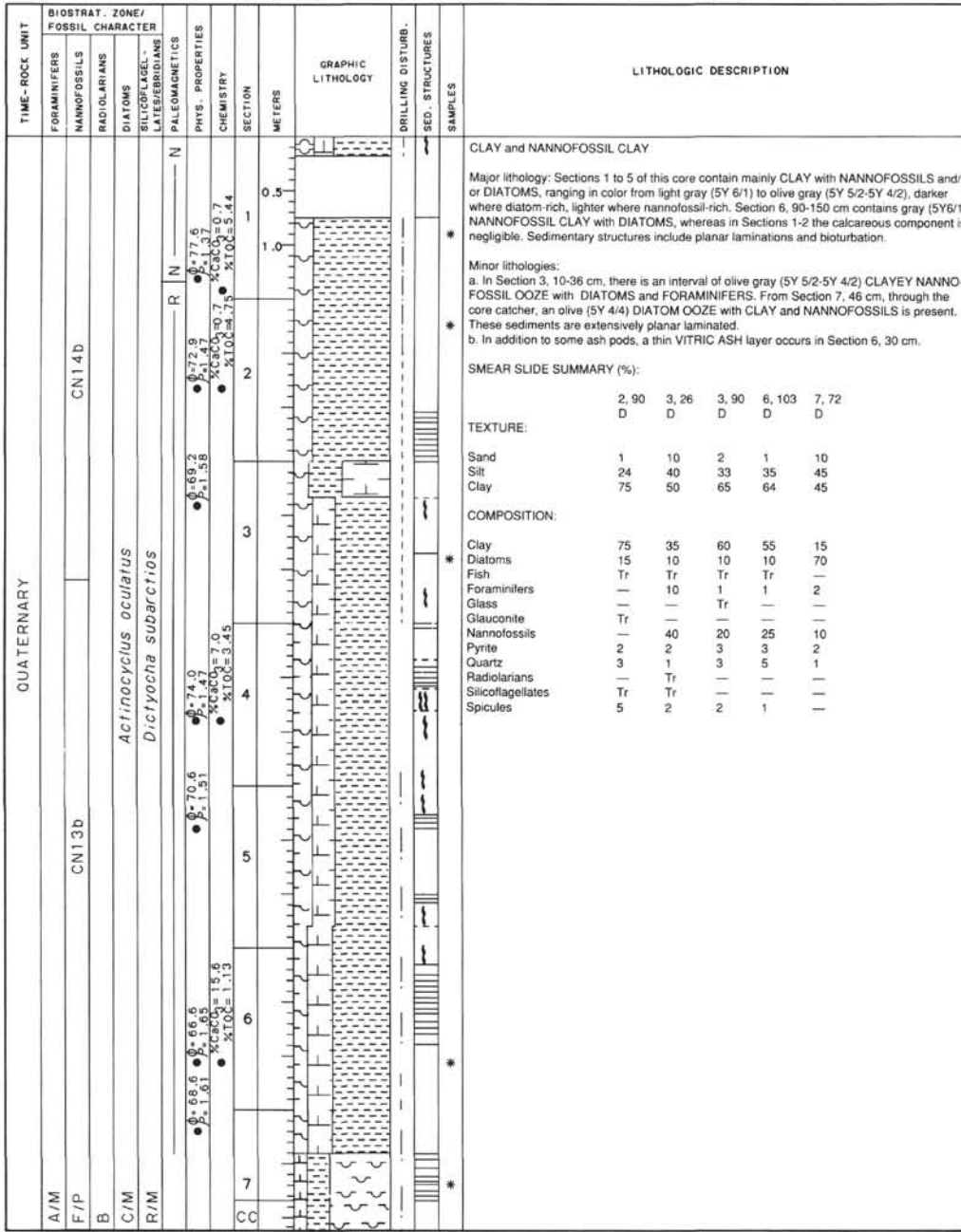




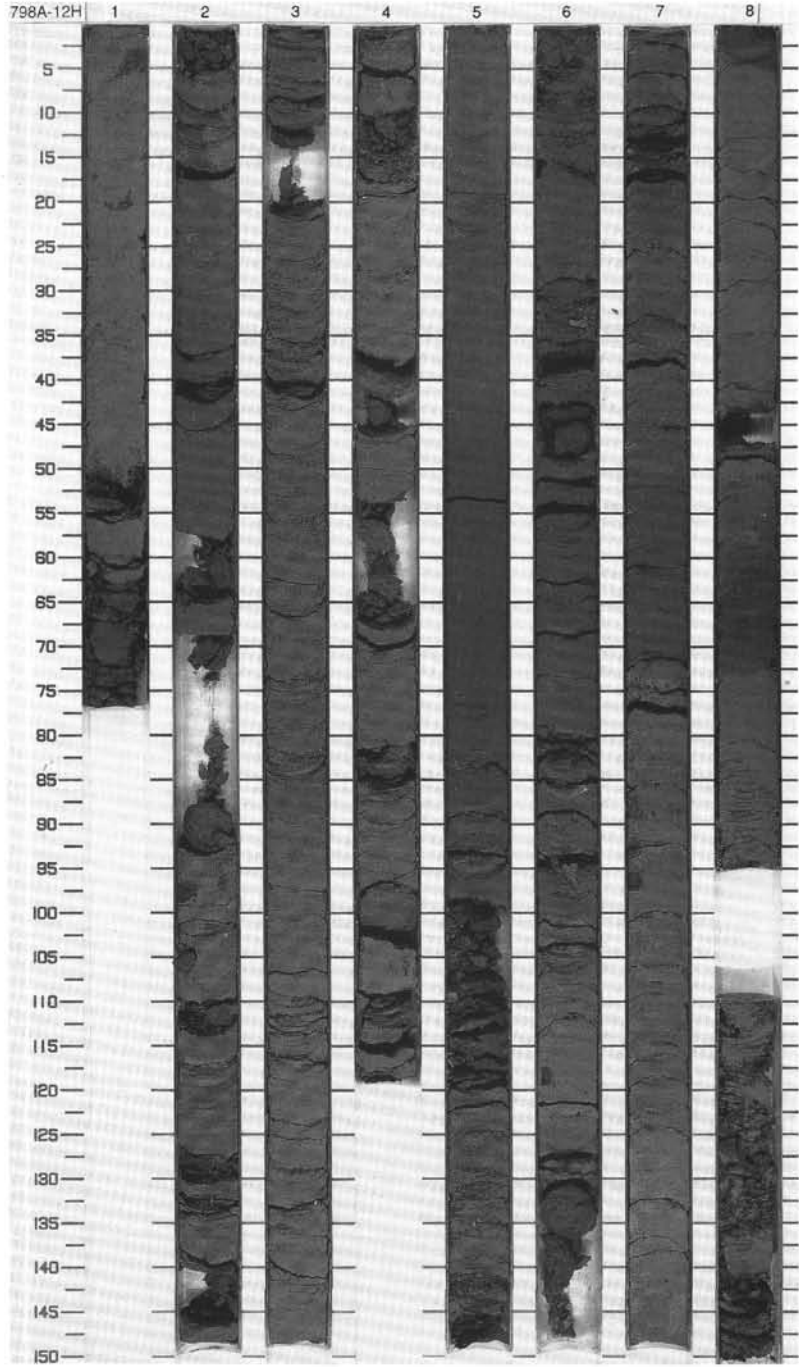
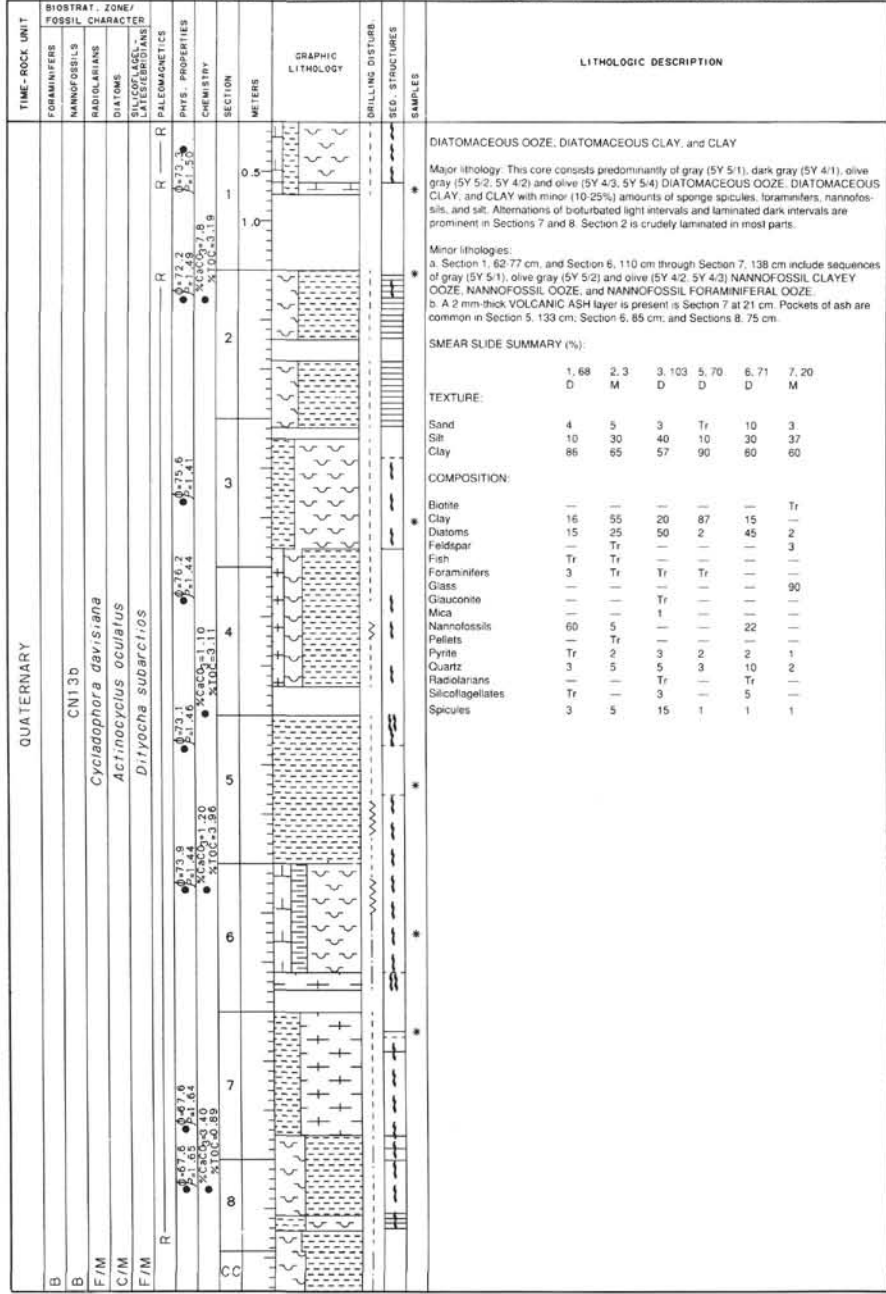








SITE 798 HOLE A CORE 12H CORED INTERVAL 1006.9-1016.5 mbsl; 103.8-113.4 mbsf



TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS								
QUATERNARY												
A/M	CN13b											
A/M	<i>Cycladophora davisiana</i>											
R/M	<i>Actinocyclus oculatus</i>											
C/M	<i>Dicthyocha subarctius</i>											
F/M												
R					0-73.6 P-1.47		0.5					
					0-40.7 P-1.74		1.0					
					0-66.5 P-1.04							
					0-72.1 P-1.56							
					0-72.7 P-1.47							
					0-73.0 P-1.50							
					0-89.1 P-1.61							
C/C												

SECTION	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS
1	0-40.7 P-1.74	0-66.5 P-1.04	0-72.1 P-1.56	0-72.7 P-1.47	0-73.0 P-1.50	0-89.1 P-1.61
2	%CaCO <sub>3</sub> =3.80 %SiO <sub>2</sub> =0.96	%CaCO <sub>3</sub> =12.7 %SiO <sub>2</sub> =1.89	%CaCO <sub>3</sub> =11.6 %SiO <sub>2</sub> =5.56	%CaCO <sub>3</sub> =4.80 %SiO <sub>2</sub> =2.31		
3						
4						
5						
6						
7						

SILT CLAY with DIATOMS, SILICEOUS CLAY, DIATOM MIXED SEDIMENT with CLAY, CLAYEY DIATOM OOZE, and DIATOM OOZE with NANNOFOSSILS

Major lithology: This core contains SILTY CLAY with DIATOMS, SILICEOUS CLAY, DIATOM MIXED SEDIMENT with CLAY, CLAYEY DIATOM OOZE, and DIATOM OOZE with NANNOFOSSILS. The color varies from gray (5Y 5/1) to dark gray (5Y 4/1) and olive gray (5Y 5/2-5Y 4/2). Sedimentary structures include planar laminations and bioturbated intervals. Water escape structures occur in Sections 6 and 7.

Minor lithologies:  
a. A layer of gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE with DIATOMS and SPICULES, exhibiting normal grading, occurs in Section 4, 96-117 cm.  
b. Vitric VOLCANIC ASH layers occur in Section 4, 112 cm; Section 6, 120-121, 143, and 148 cm; and Section 7, 38, and 72 cm.

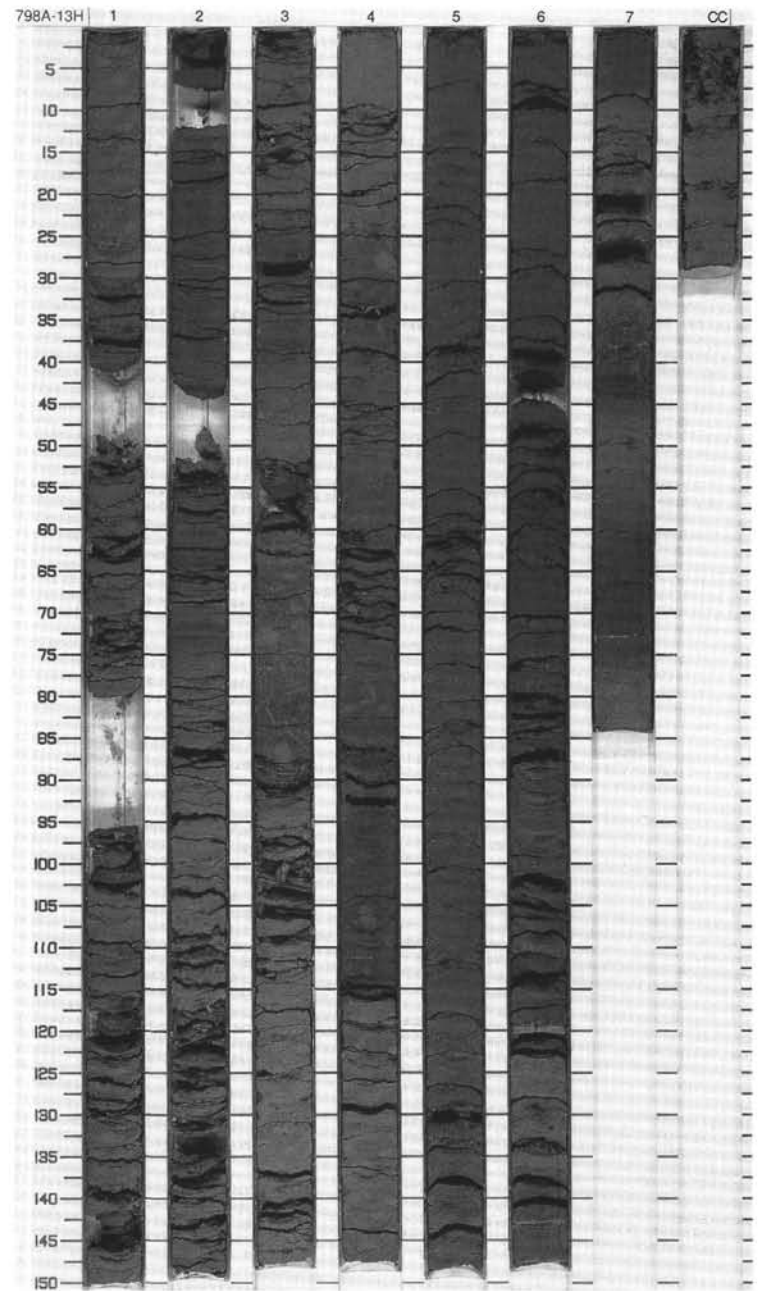
SMEAR SLIDE SUMMARY (%):

	1, 102	2, 28	2, 61	2, 127	2, 135	2, 136	3, 84
D		M	D	M	M	D	D
TEXTURE:							
Sand	2	1	—	3	5	—	10
Silt	15	10	15	25	15	5	90
Clay	83	89	85	72	80	95	—
COMPOSITION:							
Clay	15	—	21	—	30	13	15
Diatoms	50	1	30	1	35	40	50
Feldspar	—	3	—	8	—	—	—
Fish	Tr	—	3	—	—	—	—
Foraminifers	3	—	5	Tr	—	—	5
Glass	1	96	10	90	5	5	—
Mica	—	Tr	—	—	—	—	—
Nannofossils	15	—	—	—	5	10	20
Opacues	—	—	—	—	—	15	—
Phosphate	—	—	1	—	—	—	—
Pyrite	1	—	15	Tr	—	—	—
Pyroxene	—	Tr	—	—	—	—	—
Quartz	10	—	15	—	15	15	5
Radiolarians	Tr	—	—	Tr	Tr	Tr	—
Silicoflagellates	Tr	Tr	—	Tr	Tr	Tr	Tr
Spicules	5	Tr	Tr	1	5	Tr	3

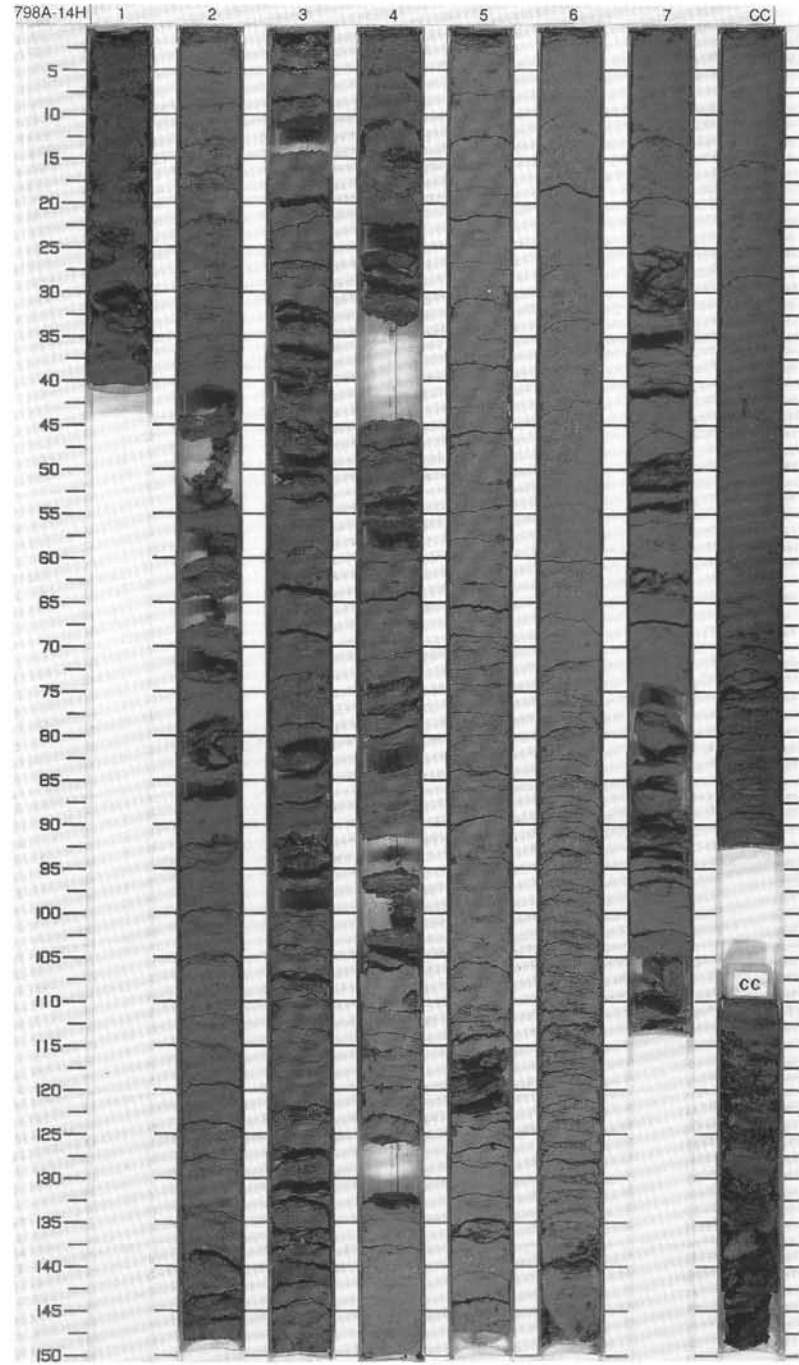
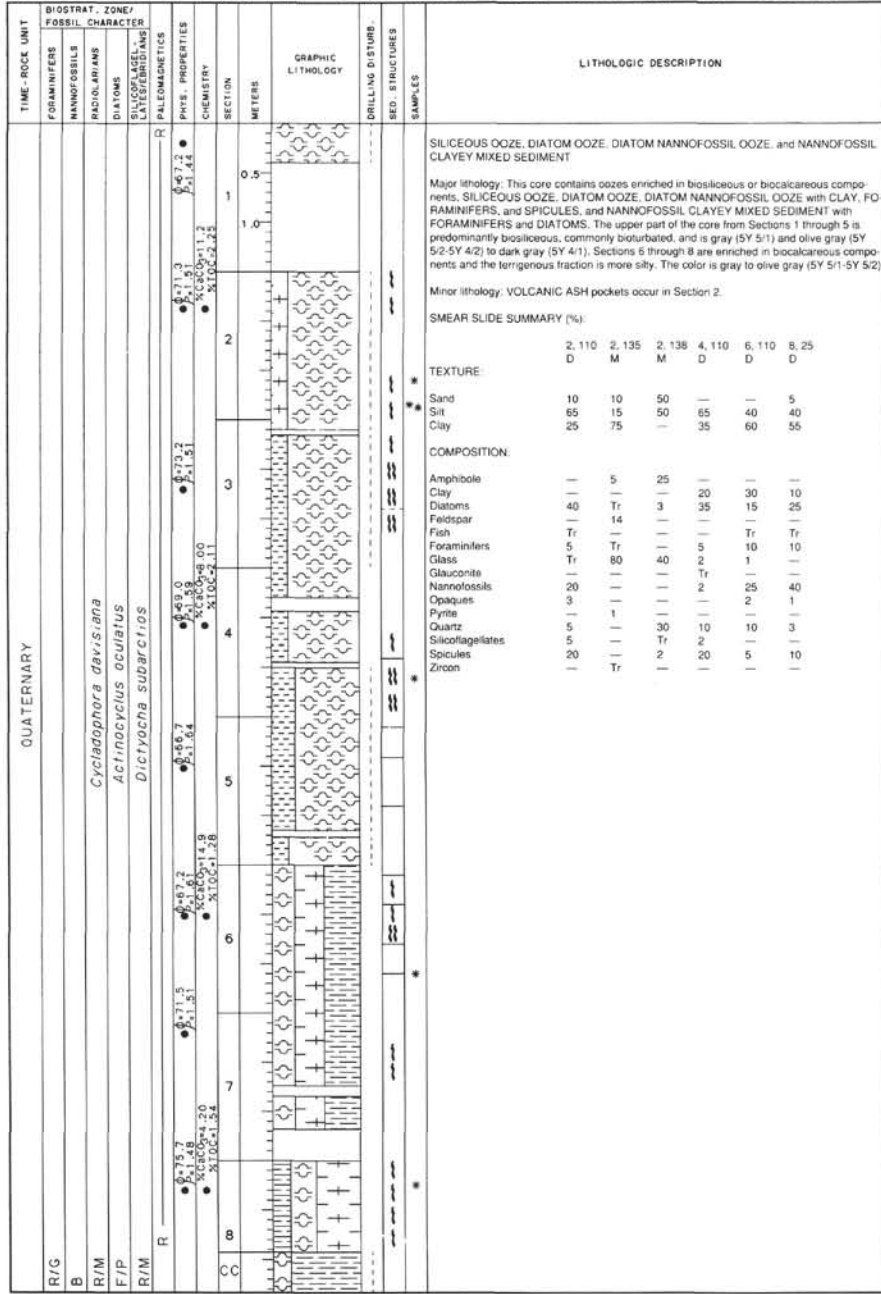
SMEAR SLIDE SUMMARY (%):

	4, 110	6, 119	6, 130	6, 142	6, 148
M	M	D	M	M	
TEXTURE:					
Sand	5	3	—	3	5
Silt	75	77	60	82	85
Clay	20	20	40	15	10
COMPOSITION:					
Accessory minerals	—	—	—	Tr	—
Amphibole	Tr	—	—	—	—
Clay	1	—	35	—	—
Diatoms	15	2	10	3	8
Feldspar	Tr	—	—	—	—
Foraminifers	Tr	—	—	—	—
Glass	83	97	10	95	90
Mica	—	—	—	—	Tr
Pyrite	1	—	4	—	2
Quartz	—	1	30	2	—
Silicoflagellates	—	—	1	—	—
Spicules	Tr	—	2	—	—

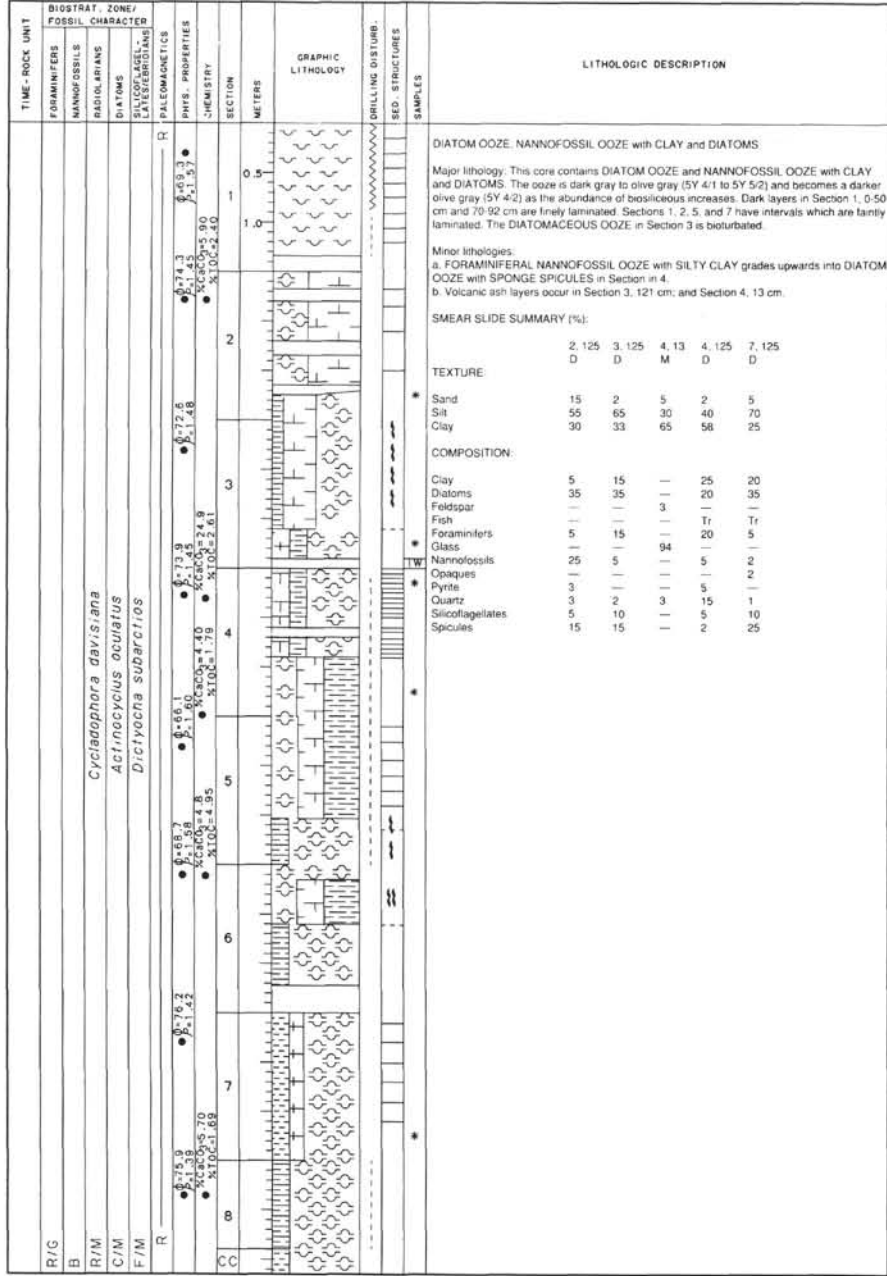


SITE 798

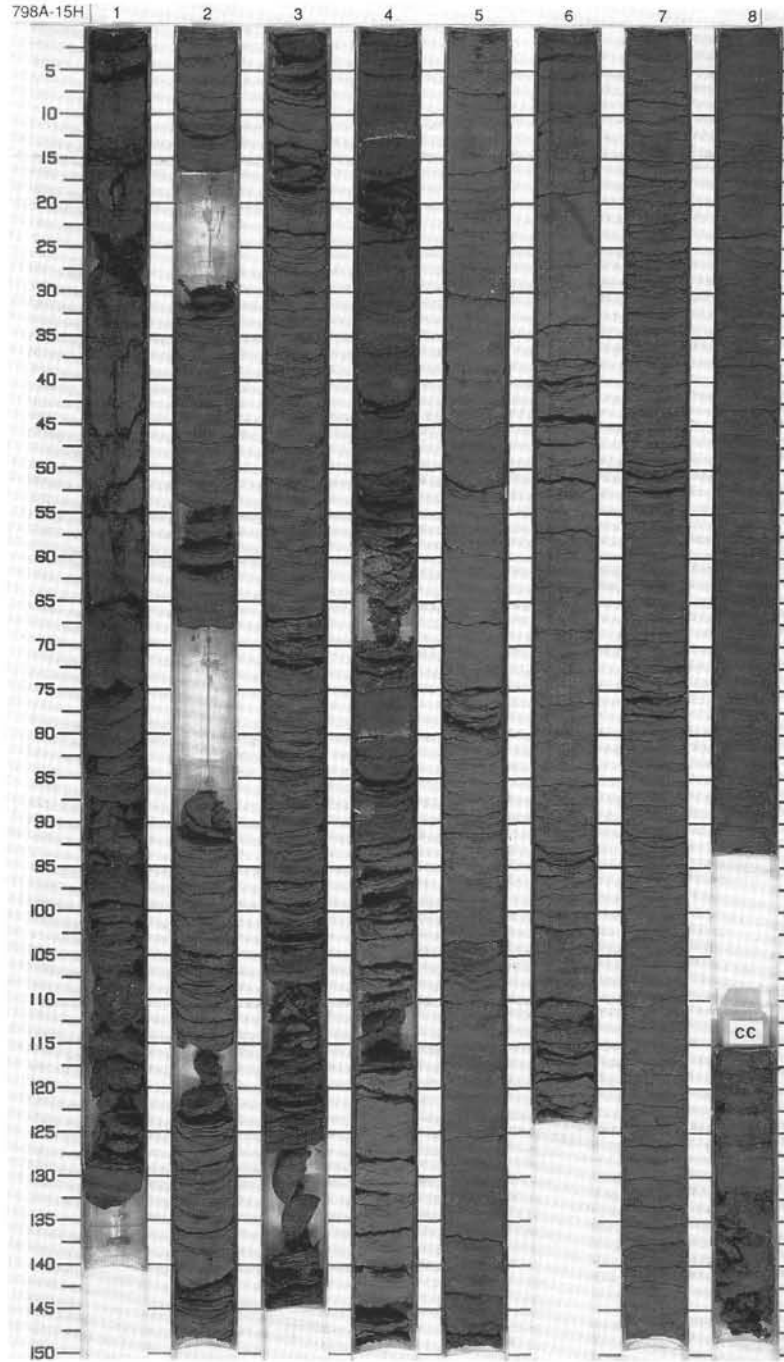
SITE 798 HOLE A CORE 14H CORED INTERVAL 1026.2-1035.9 mbsf; 123.1-132.8 mbsf







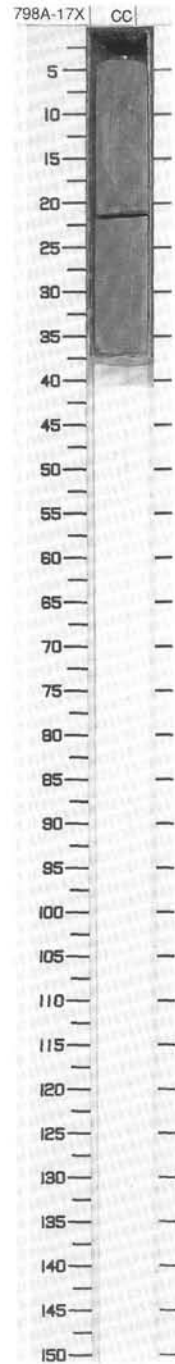
798A 16X NO RECOVERY

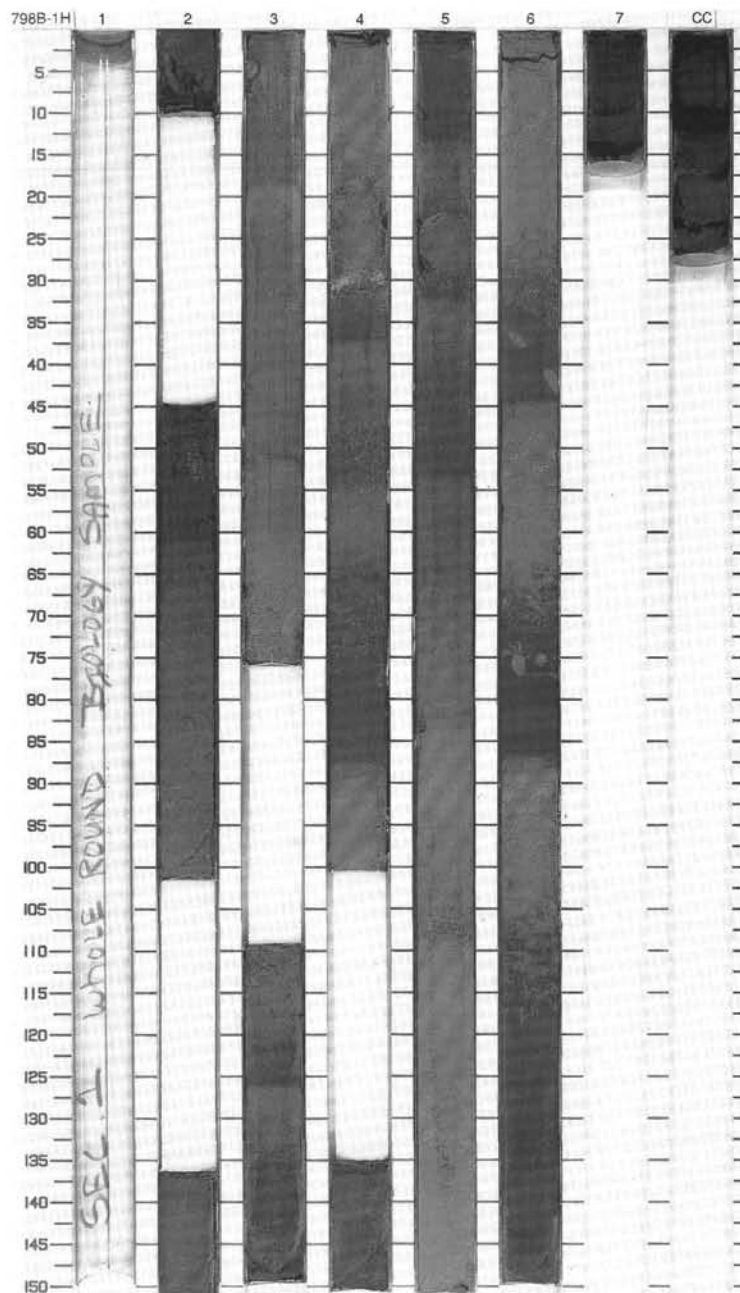
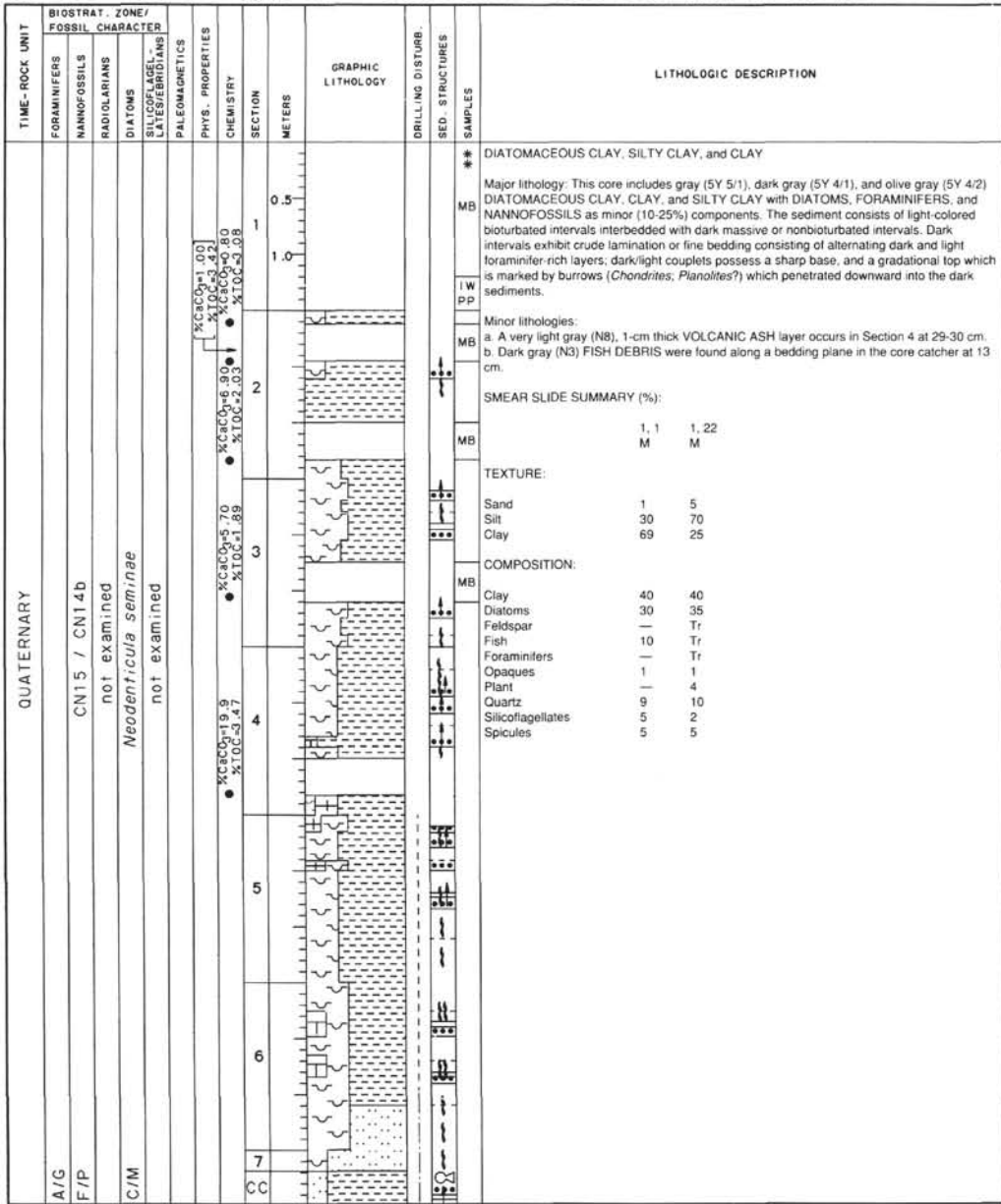


SITE 798

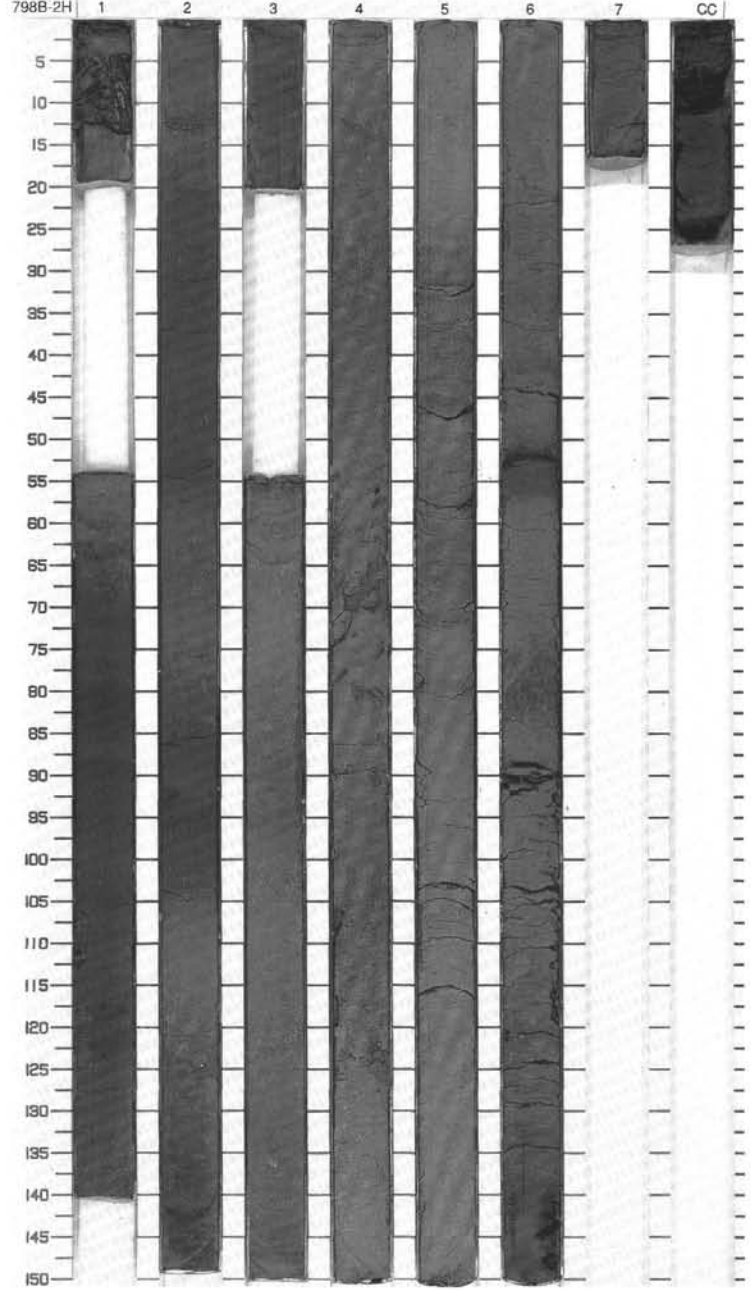
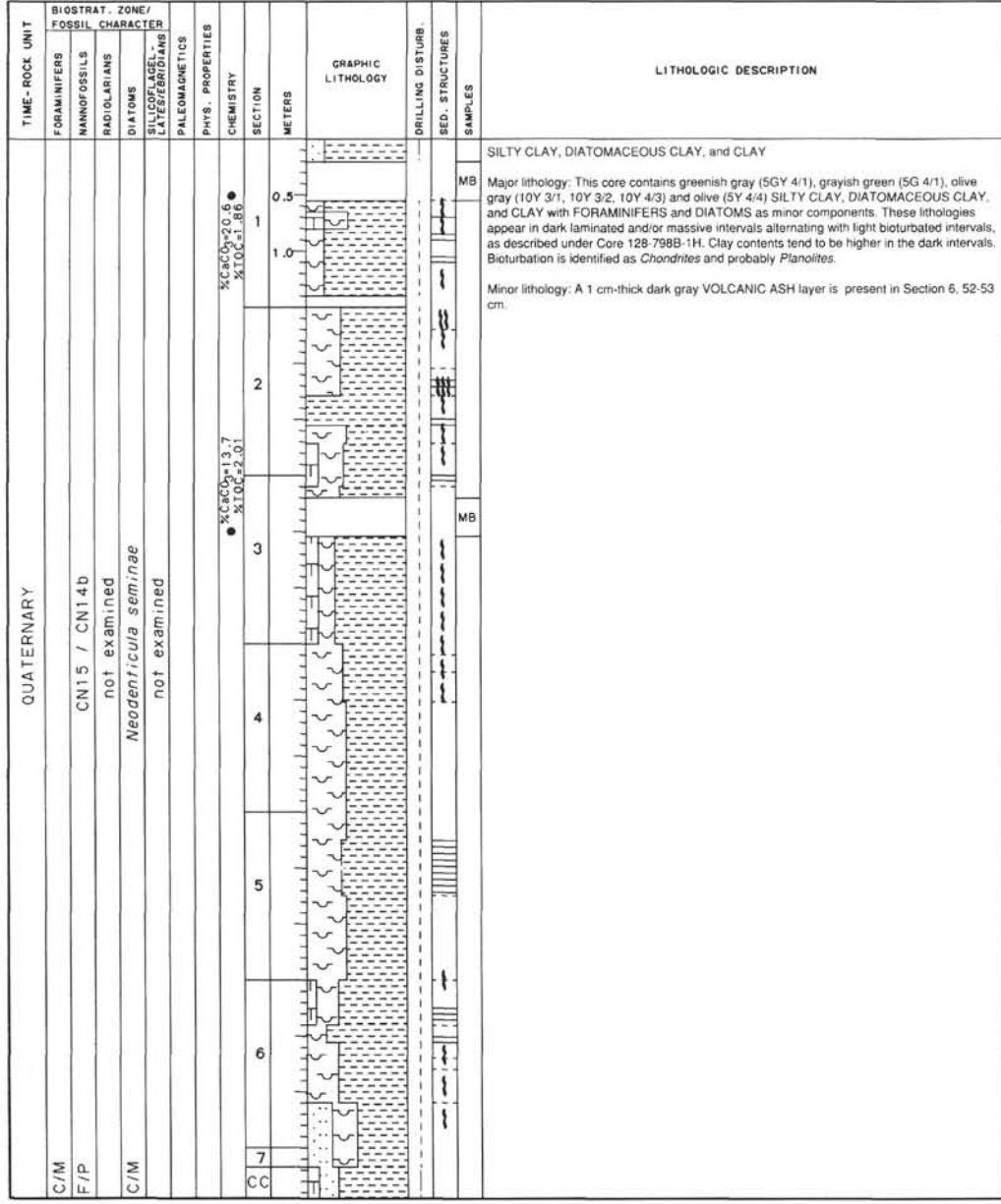
SITE 798 HOLE A CORE 17X CORED INTERVAL 1043.6-1046.4 mbsf: 143.0-143.3 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES #	LITHOLOGIC DESCRIPTION																								
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																
	E				R		CC					<p>DOLOMITE cemented SILICEOUS OOZE</p> <p>Major lithology: This core contains only 35 cm of DOLOMITE cemented SILICEOUS OOZE. Bioturbation features are extensive and include 0.5 cm to 1.5 cm long burrows. The DOLOMITE is light gray (5Y 7/3) to pale yellow (5Y 7/2), and olive gray (5Y 5/2) in the burrows.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table> <tr> <td></td> <td>CC, 15</td> </tr> <tr> <td></td> <td>M</td> </tr> </table> <p>TEXTURE:</p> <table> <tr> <td>Sand</td> <td>5</td> </tr> <tr> <td>Silt</td> <td>15</td> </tr> <tr> <td>Clay</td> <td>80</td> </tr> </table> <p>COMPOSITION:</p> <table> <tr> <td>Calcite/Dolomite</td> <td>70</td> </tr> <tr> <td>Clay</td> <td>Tr</td> </tr> <tr> <td>Diatoms</td> <td>15</td> </tr> <tr> <td>Foraminifers</td> <td>3</td> </tr> <tr> <td>Opauques</td> <td>5</td> </tr> <tr> <td>Quartz</td> <td>Tr</td> </tr> <tr> <td>Spicules</td> <td>5</td> </tr> </table>		CC, 15		M	Sand	5	Silt	15	Clay	80	Calcite/Dolomite	70	Clay	Tr	Diatoms	15	Foraminifers	3	Opauques	5	Quartz	Tr	Spicules	5
	CC, 15																																			
	M																																			
Sand	5																																			
Silt	15																																			
Clay	80																																			
Calcite/Dolomite	70																																			
Clay	Tr																																			
Diatoms	15																																			
Foraminifers	3																																			
Opauques	5																																			
Quartz	Tr																																			
Spicules	5																																			



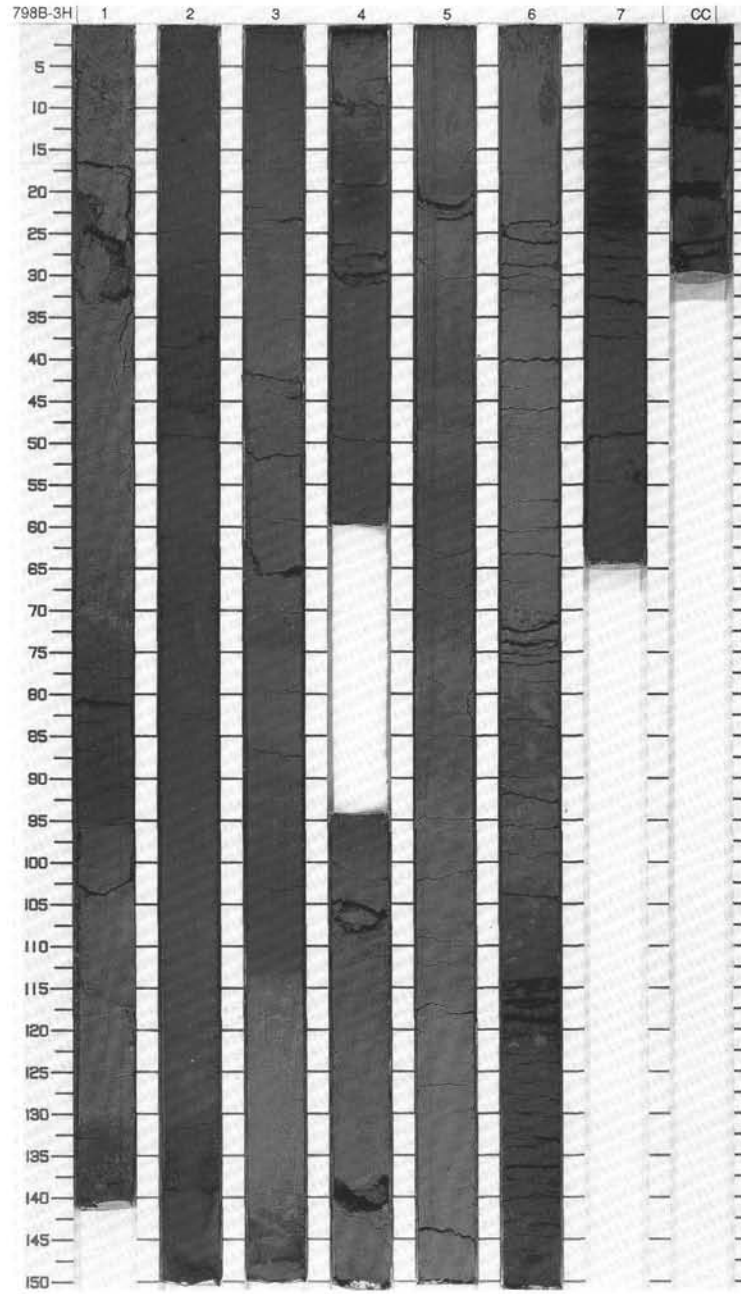


SITE 798 HOLE B CORE 2H CORED INTERVAL 909.4-918.4 mbsl; 9.4-18.4 mbsf



SITE 798 HOLE B CORE 3H CORED INTERVAL 918.4-927.4 mbsl; 18.4-27.4 mbsf

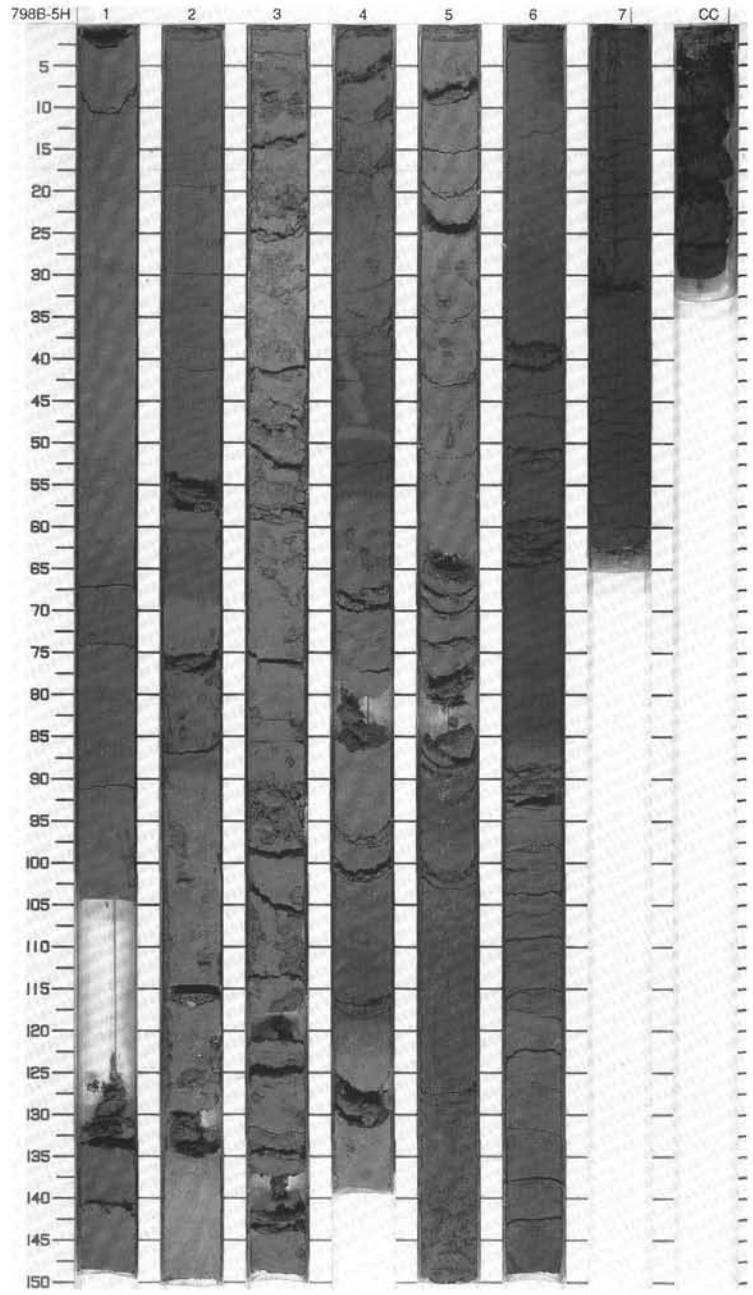
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANKOFSSILS	RADIOLARIANS	DIATOMS									
QUATERNARY	CN15 / CN14d	not examined	<i>Neodenticula seminiae</i>	not examined		● %CaCO <sub>3</sub> 60 %TOC 2.56	1	0.5 1.0					<p>CLAYEY DIATOM OOZE, DIATOM CLAY, CLAY, AND CLAY DIATOM MIXED SEDIMENT</p> <p>Major lithology: This core includes gray (5Y 5/1), greenish gray (5G 5/1, 5GY 5/1), dark greenish gray (5GY 4/1), dark gray (5Y 4/1), very dark gray (5Y 3/1), dark olive gray (5Y 3/2), and olive gray (5Y 5/2, 5Y 4/2) CLAYEY DIATOMACEOUS OOZE, CLAYEY DIATOMACEOUS MIXED SEDIMENT, DIATOMACEOUS CLAY, and CLAY with diatoms, spicules, and silt as minor (10-25%) components. Sediments appear in dark, mostly massive intervals alternating with light bioturbated intervals as described under Core 1. Bases of light intervals are marked by burrowing (<i>Chondrites</i> and larger burrows). Bases of dark intervals are either sharp or gradational.</p> <p>Minor lithology: A 3 mm-thick VOLCANIC ASH layer is present in Section 3, at 148 cm; a 1 mm-thick volcanic ash layer occurs in Section 4, at 111 cm.</p>
							2						
							3						
							4						
							5						
							6						
							7						
							CC						



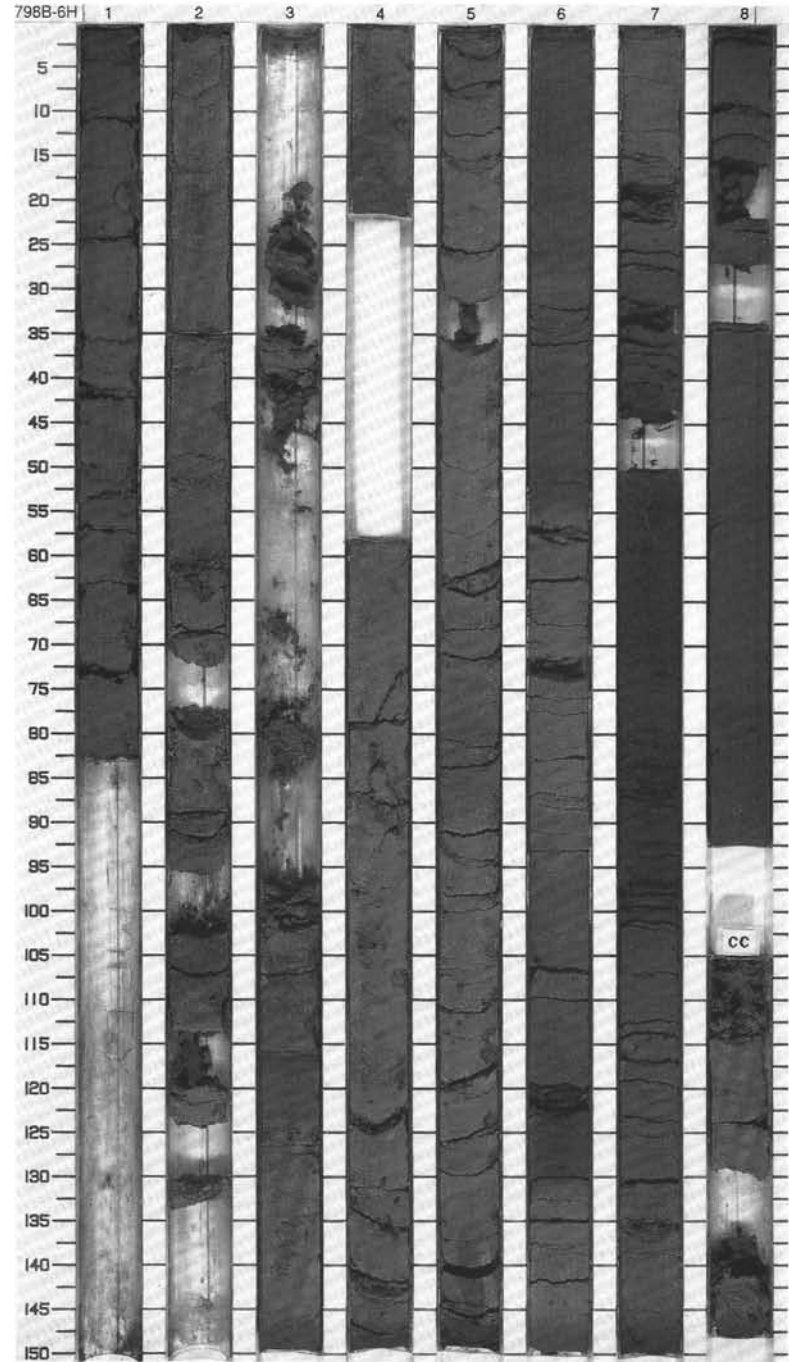
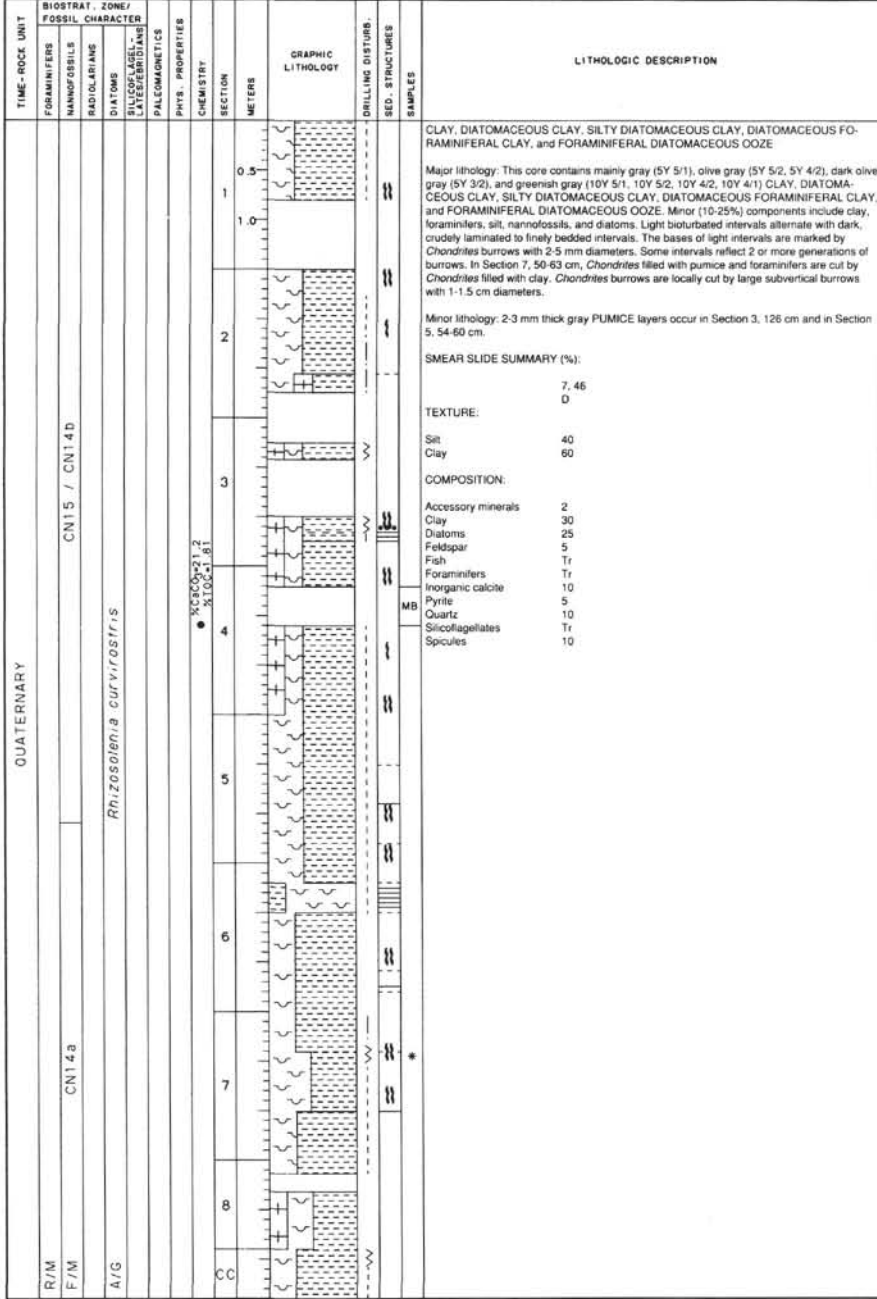




TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMIFERS	NANNOFOSSILS						
QUATERNARY								<p>CLAY, DIATOMACEOUS CLAY, DIATOMACEOUS OOZE, NANNOFOSSIL DIATOMACEOUS CLAY, and NANNOFOSSIL DIATOMACEOUS OOZE</p> <p>Major lithology: This core contains mainly dark gray (5Y 4/1), olive gray (5Y 4/2, 5Y 5/2), dark olive gray (5Y 3/2), olive (5Y 5/3), very dark gray (5Y 3/1), light greenish gray (5BG 7/1), greenish gray (5G 5/1, 5BG 6/1), dark greenish gray (5G 4/1), light gray (5Y 7/2), light olive gray (5Y 6/2), and pale olive (5Y 6/3) CLAY, DIATOMACEOUS CLAY, DIATOMACEOUS OOZE, NANNOFOSSIL DIATOMACEOUS CLAY, and NANNOFOSSIL DIATOMACEOUS OOZE. Prominent dark intervals, which are thickly laminated to finely bedded at 0.3-3 cm scale, alternate with light bioturbated intervals. Bases of dark intervals are mostly sharp; in some cases, as in Section 4, 120 cm, transitions are gradational. Bases of light intervals are associated with burrows: <i>Chondrites</i> (3-5 mm diameters); and unidentified larger burrows in Sections 4, 37-50 cm (2 cm diameters). Burrows have maximum penetration depths of about 20 cm.</p> <p>Minor lithologies:                      a. Light gray (N 7/1) VOLCANIC ASH layers are observed in Section 2, 115 cm and in the core catcher, 0-2 cm. An ash pod occurs in Section 5, 145 cm.                      b. A large WOOD fragment (5x1x0.3 cm) is present in Section 7, 31 cm.</p>
F/M			1	0.5				
B	not examined		1	1.0				
C/M	<i>Neodenticula seminiae</i>		2					
	not examined		3					
			4					
CC			5					
			6					
			7					
			CC					

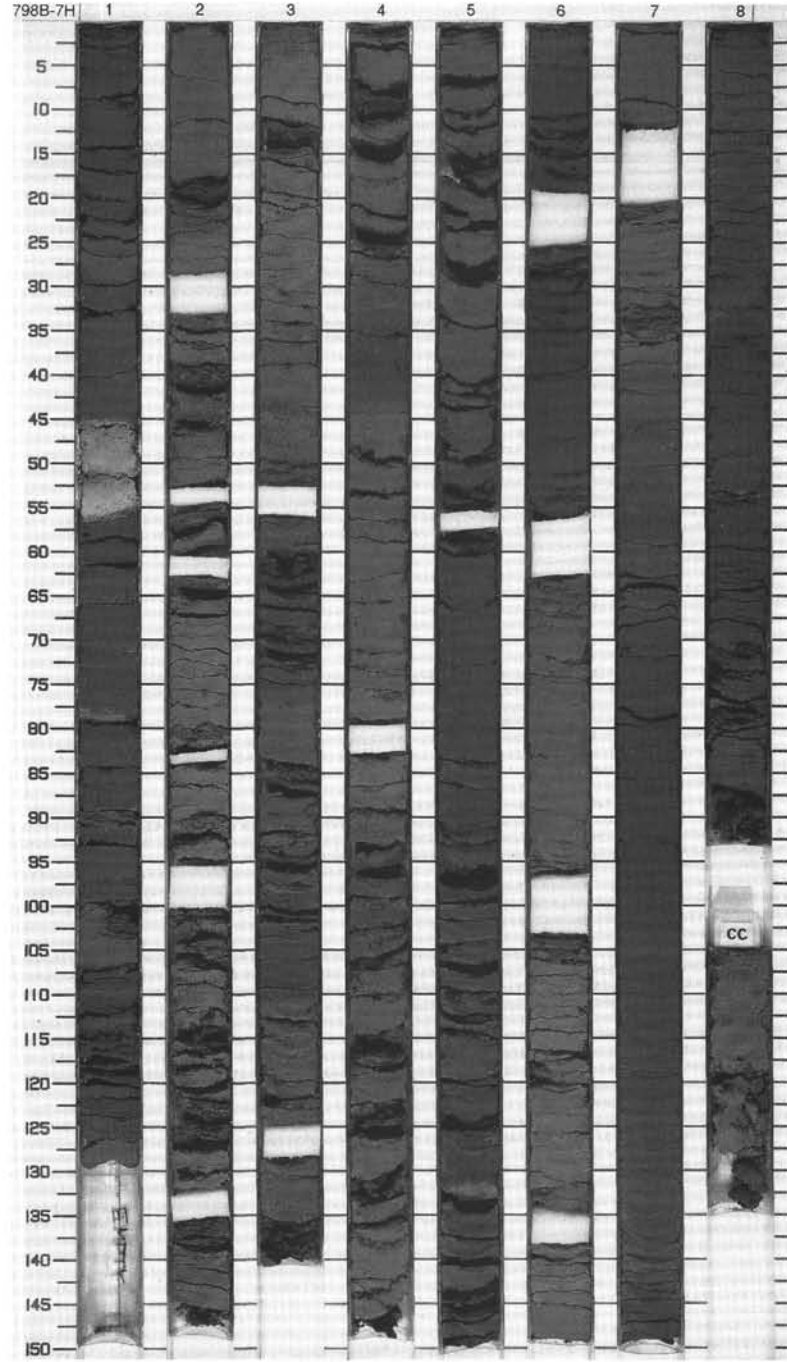


SITE 798 HOLE B CORE 6H CORED INTERVAL 946.3-955.8 mbsl; 46.3-55.8 mbsf

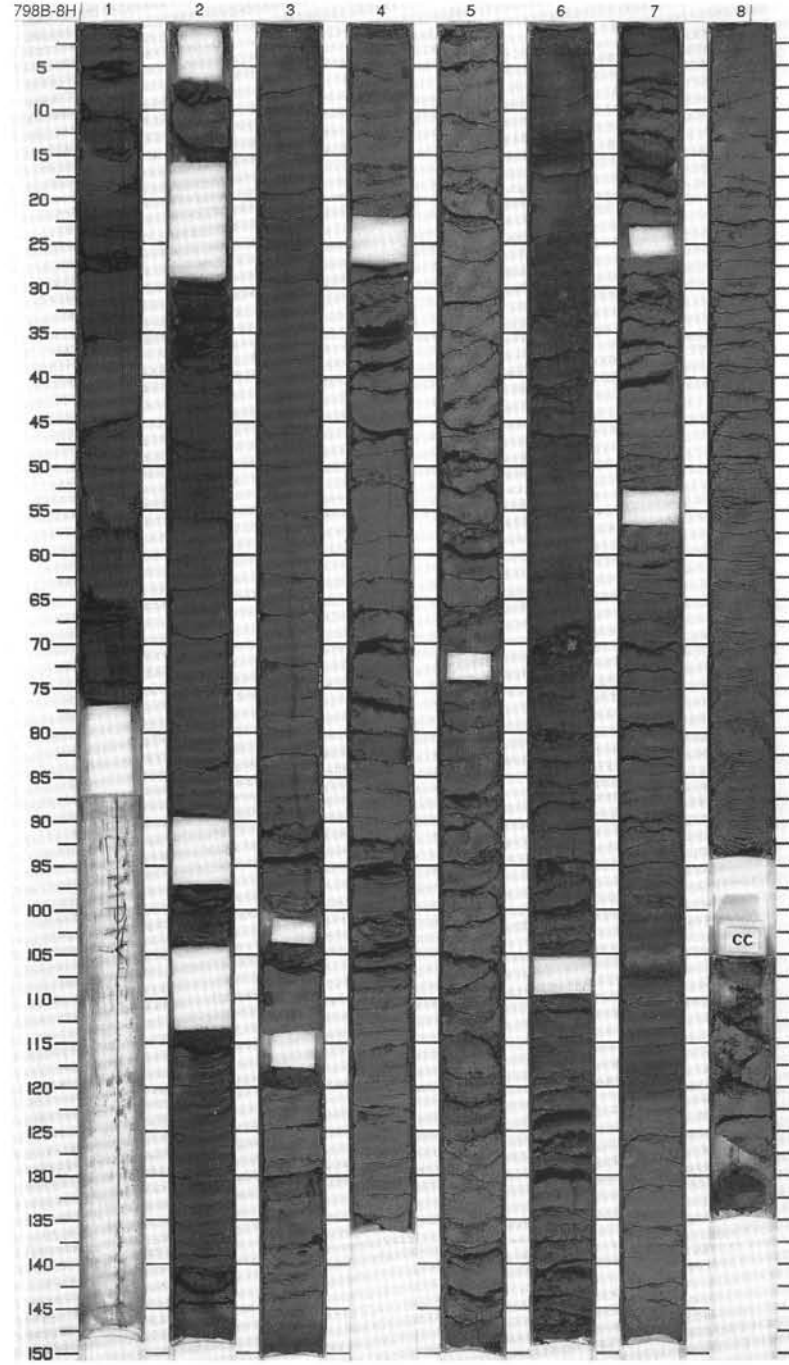
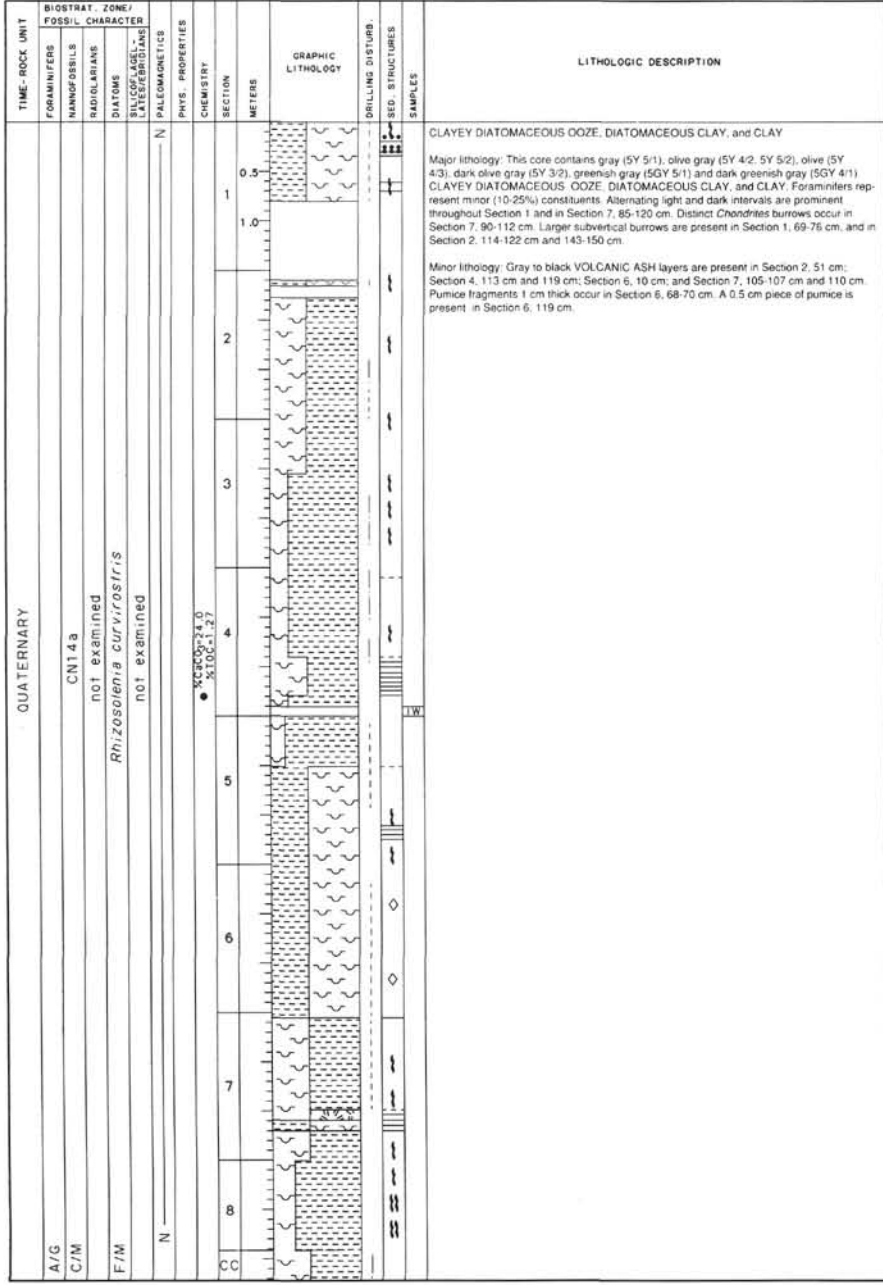


SITE 798 HOLE B CORE 7H CORED INTERVAL 955.8-965.4 mbsl; 55.8-65.4 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
QUATERNARY									<p>DIATOMACEOUS OOZE, NANNOFOSSIL DIATOMACEOUS OOZE, DIATOMACEOUS CLAY, DIATOMACEOUS SILTY CLAY, and NANNOFOSSIL OOZE</p> <p>Major lithology: This core contains gray (5Y 6/1, 5Y 5/1), dark gray (5Y 4/1), pale olive (5Y 5/4), light olive gray (5Y 5/2), olive gray (5Y 4/2, 5Y 5/2), olive (5Y 5/3, 5Y 4/2), greenish gray (5BG 6/1, 5GY 5/1), and dark greenish gray (5G 4/1) DIATOMACEOUS OOZE, NANNOFOSSIL DIATOMACEOUS OOZE, DIATOMACEOUS CLAY, DIATOMACEOUS SILTY CLAY, and NANNOFOSSIL OOZE with clay, diatoms, nannofossils, and foraminifers as minor (10-25%) components. The diatom ooze is thinly laminated with some thin dark greenish gray (5GY 4/1) to greenish gray (5GY 5/1) layers enriched in foraminifers. This core contains 5 cycles consisting of a lower dark-colored laminated unit and an upper light-colored, bioturbated, mottled unit.</p> <p>Minor lithology:                      a. FORAMINIFERAL OOZE with DIATOMS occurs in Section 7, 105-125 cm.                      b. Thin VOLCANIC ASH layers are present in Section 1, 80 cm; Section 2, 11 cm and 45 cm; and Section 5, 131-133 cm.</p>
A/G					0.5				
C/M	CN1.4a				1.0				
F/P	not examined				2				
	<i>Rhizosolenia curvirostris</i>				3				
	not examined				4				
					5				
					6				
					7				
					8				

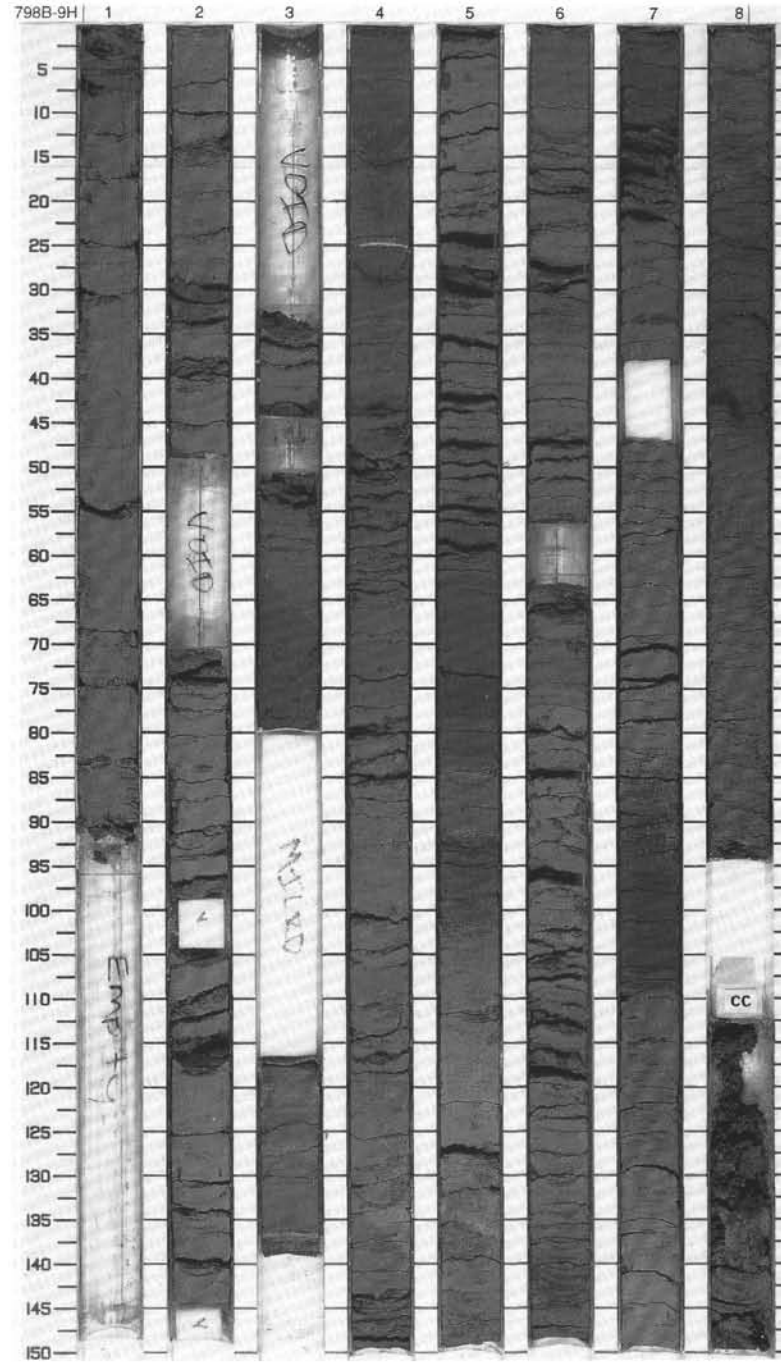


SITE 798 HOLE B CORE 8H CORED INTERVAL 965.4-974.9 mbsl; 65.4-74.9 mbsf

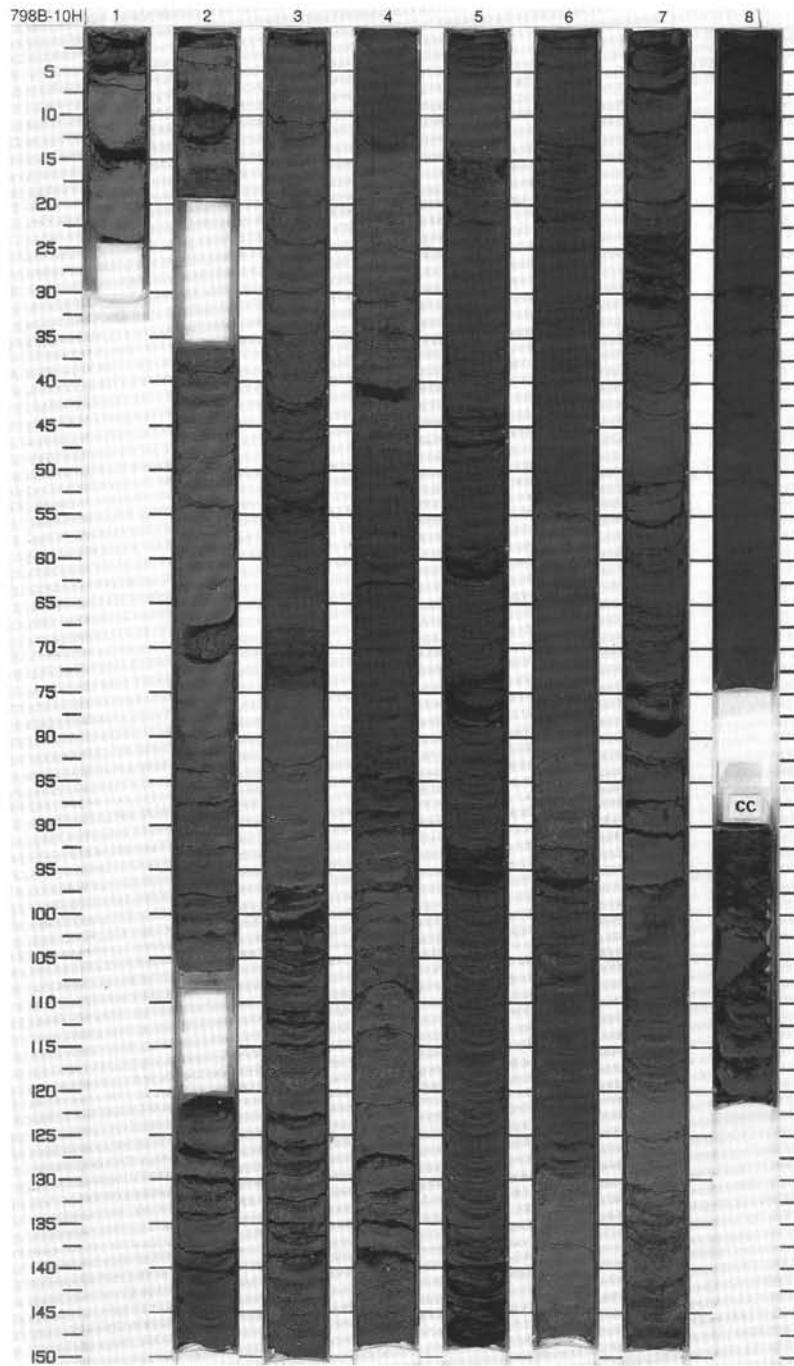
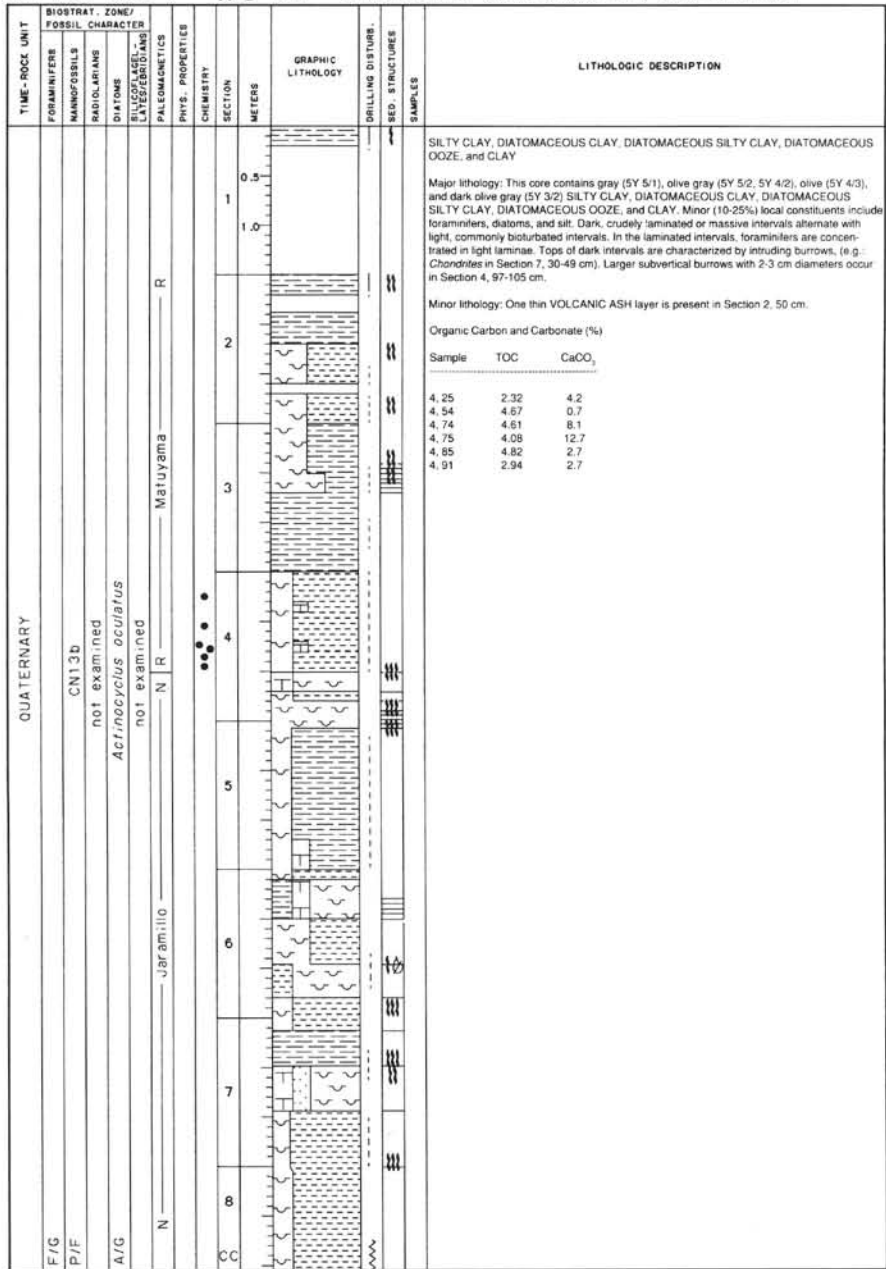




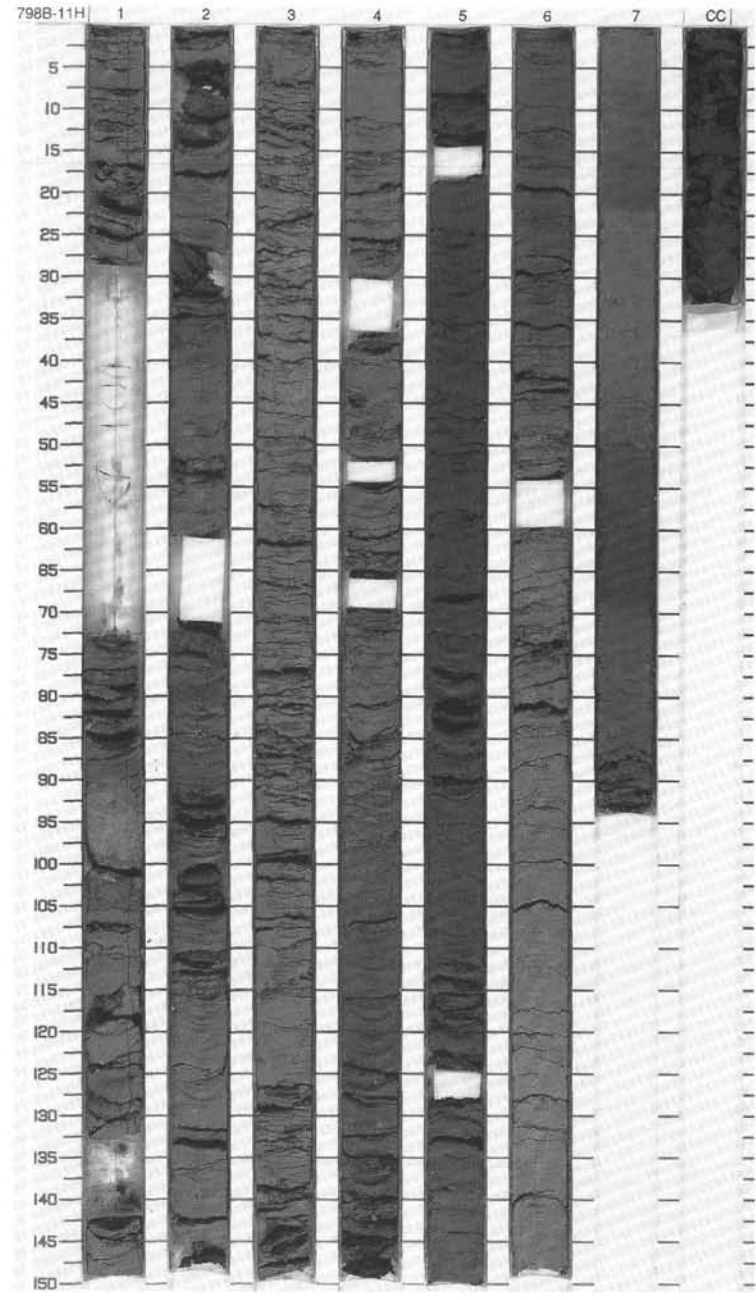
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER		SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS							
QUATERNARY				N		Bruthes		RIN		<p>SILTY DIATOMACEOUS MIXED SEDIMENT, SILTY CLAY, DIATOMACEOUS CLAY, CLAY, DIATOMACEOUS OOZE, and NANNOFOSSIL DIATOMACEOUS OOZE</p> <p>Major lithology: This core consists of gray (5Y 5/1, 5Y 6/1), dark gray (5Y 4/1), dark greenish gray (5G 4/1, 10Y 5/2, 10Y 5/1) SILTY DIATOMACEOUS MIXED SEDIMENT, SILTY CLAY, DIATOMACEOUS CLAY, CLAY, DIATOMACEOUS OOZE, and NANNOFOSSIL DIATOMACEOUS OOZE. Diatoms, nannofossils, clay, and foraminifers are minor (10-25%) constituents in large intervals of the core. Dark intervals are mainly laminated or finely bedded whereas light intervals are bioturbated, especially in their basal portions.</p> <p>Minor lithology: A 3 mm thick gray VOLCANIC ASH layer is present in Section 3, 136 cm. Three light gray vitric ash layers are in Section 4, at 26 cm, 42-44 cm, and 49-51 cm. A vitric ash layer is present in Section 5, 135-137 cm, and a 3 mm thick dark gray ash layer is present in Section 7, 105 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p>1.59 D</p> <p>TEXTURE:</p> <p>Sand 1 Silt 50 Clay 49</p> <p>COMPOSITION:</p> <p>Clay 16 Diatoms 40 Foraminifers 3 Nannofossils 10 Pyrite 1 Quartz 30</p>
A/G	C/M	CNI 4a	not examined	1	0.5					
C/M		<i>Rhizosolenia curvirostris</i>	not examined	2	1.0					
R				3						
				4						
				5						
				6						
				7						
				8						
				CC						



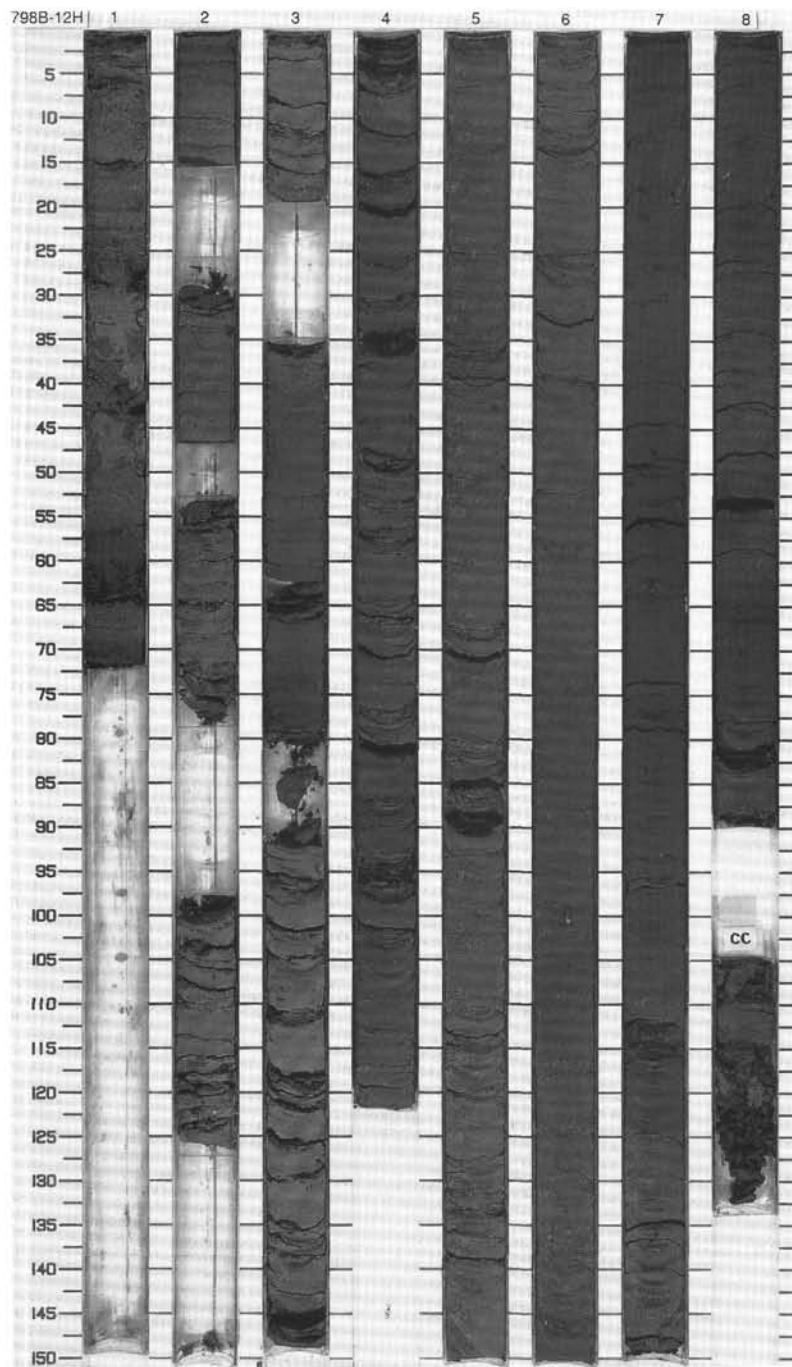
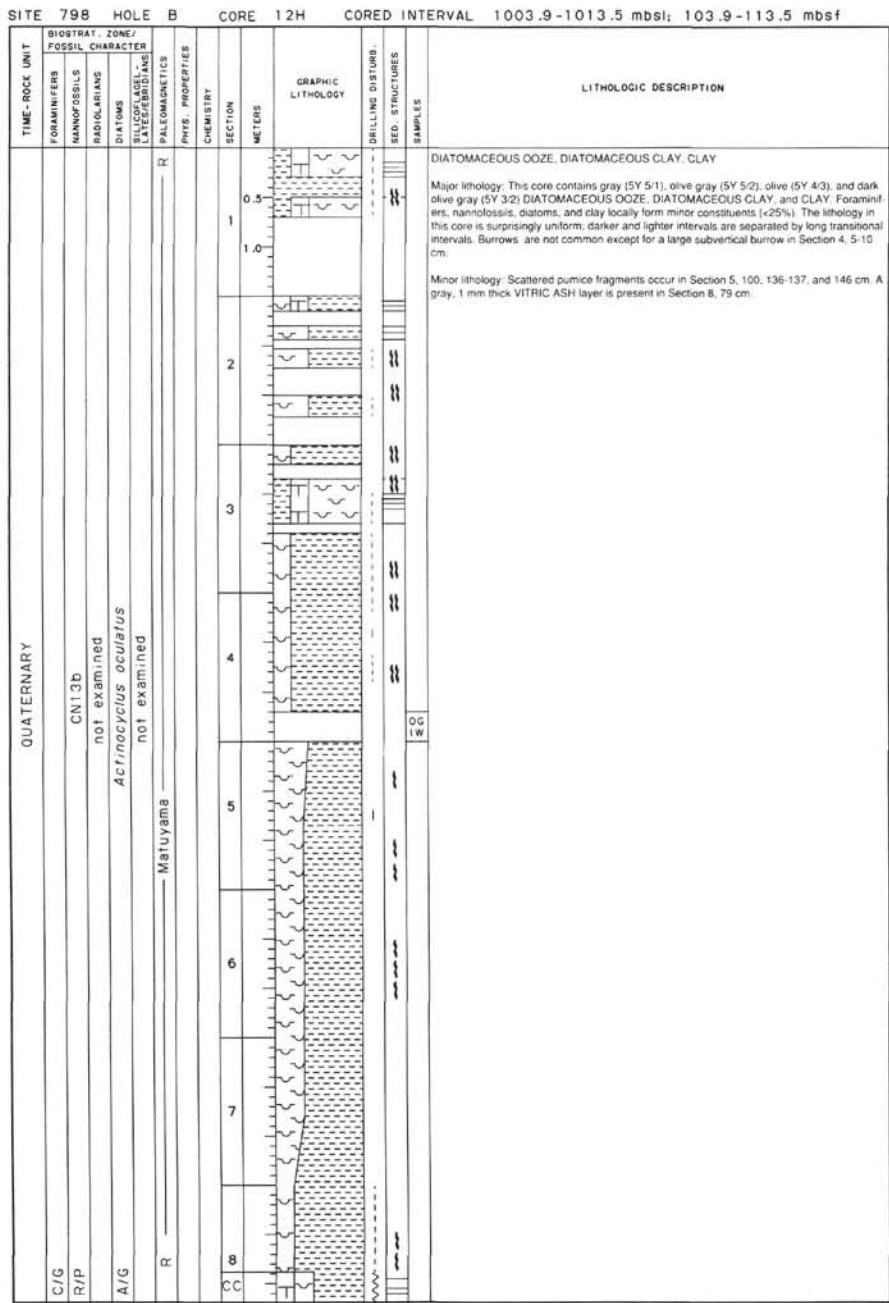
SITE 798 HOLE B CORE 10H CORED INTERVAL 984.5-994.2 mbsl; 84.5-94.2 mbsf



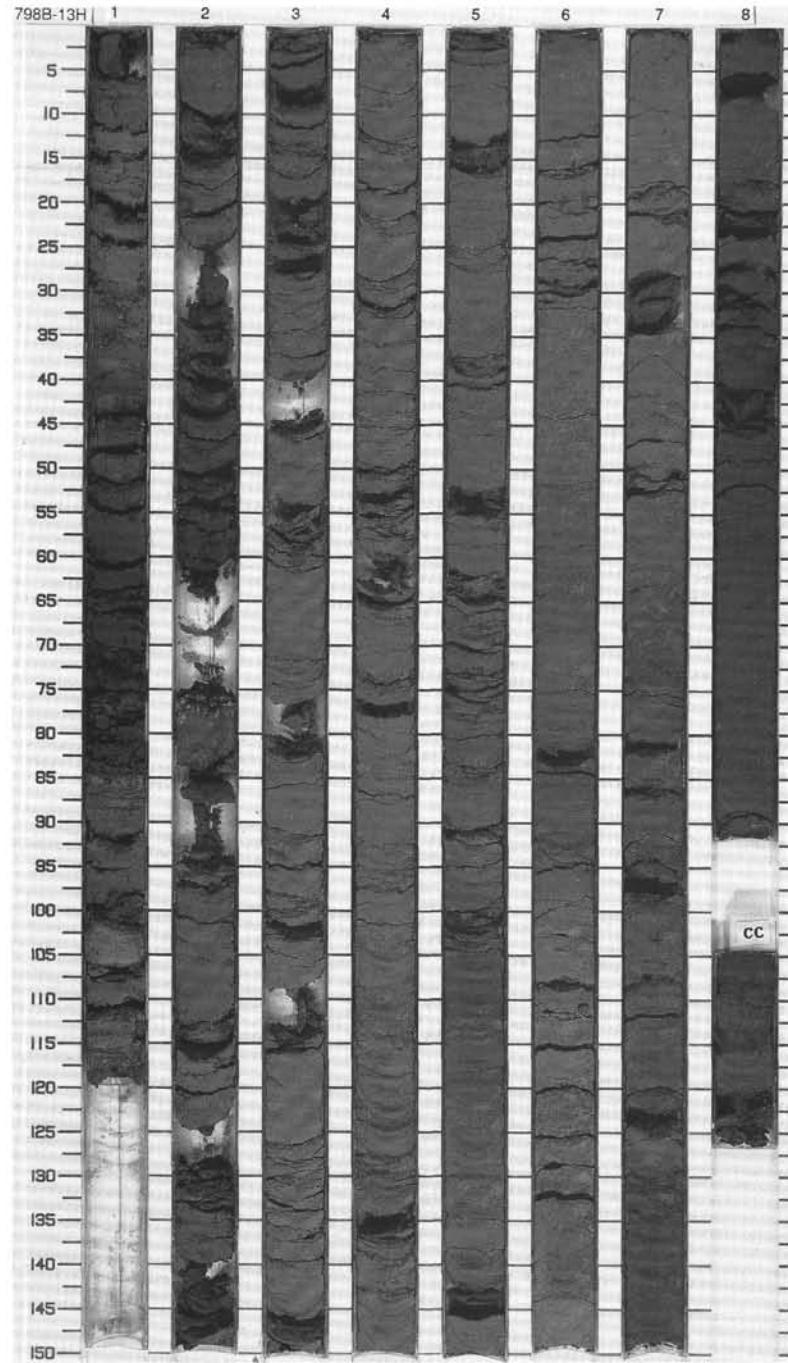
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
QUATERNARY													
F/S													
F/P	CN13b	not examined											
C/M		<i>Actinocyclus oculatus</i>											
R	Matuyama												
CC													



SITE 798



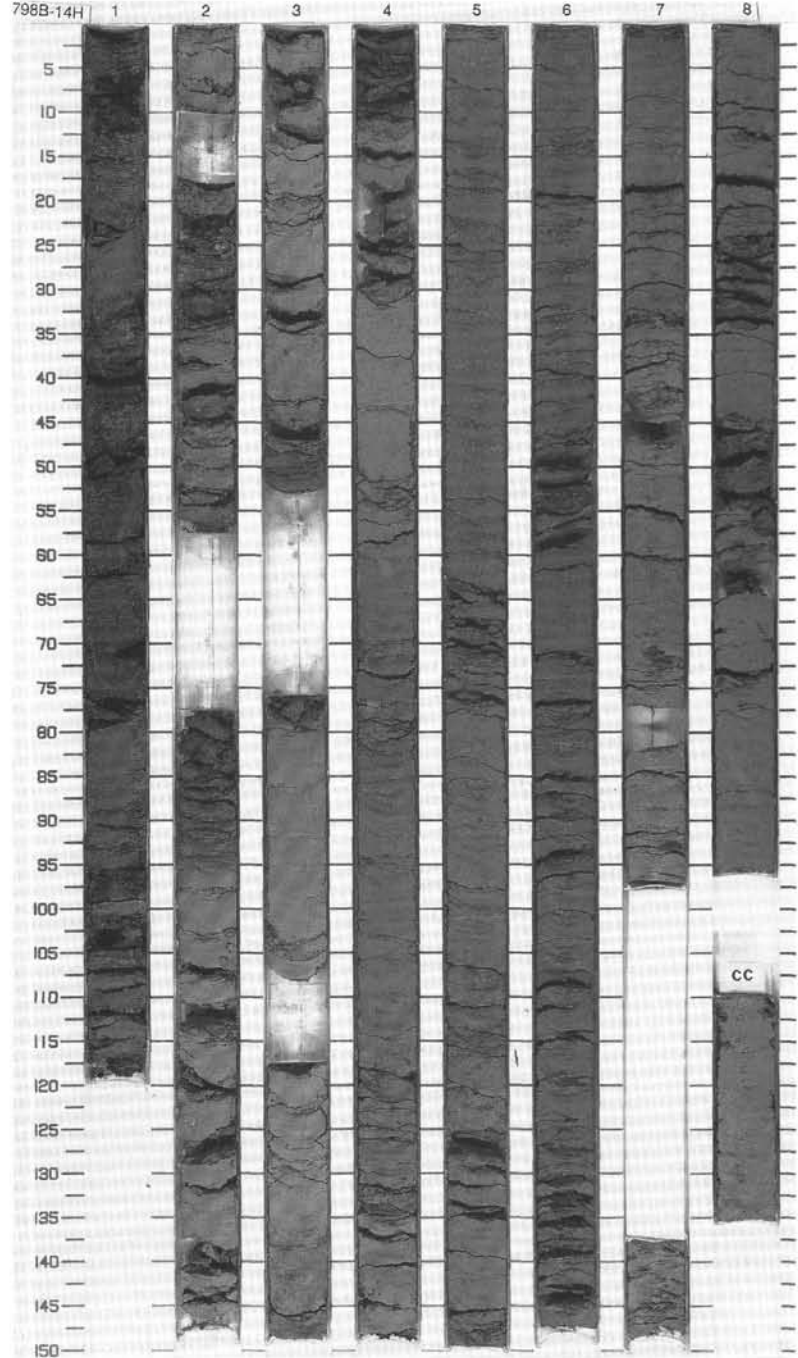
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	FORAMINIFERS	NANOFOSSELS	RADIOLARIANS	DIATOMS	SILICOLABELLATES/ LABRIDIANES	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
QUARTERINARY		not examined								1	0.5 1.0	[Lithology symbols]				DIATOMACEOUS SILTY CLAY and DIATOMACEOUS OOZE  Major lithology: This core contains dark gray to olive gray (SY 5t to 5Y 4/2) DIATOMACEOUS SILTY CLAY from Section 1 to Section 3, 30 cm, and olive gray to gray (SY 4/2 to 5Y 4/1) bioturbated or laminated DIATOMACEOUS OOZE with rare foraminifers from Section 3, 30 cm through Section 8.  Minor lithology: Light gray ash pods occur at Section 2, 75 cm, Section 7, 145 cm, and in the core catcher.
R/G										2		[Lithology symbols]				
B										3		[Lithology symbols]				
A/G										4		[Lithology symbols]				
R										5		[Lithology symbols]				
										6		[Lithology symbols]				
										7		[Lithology symbols]				
										8		[Lithology symbols]				
										CC		[Lithology symbols]				

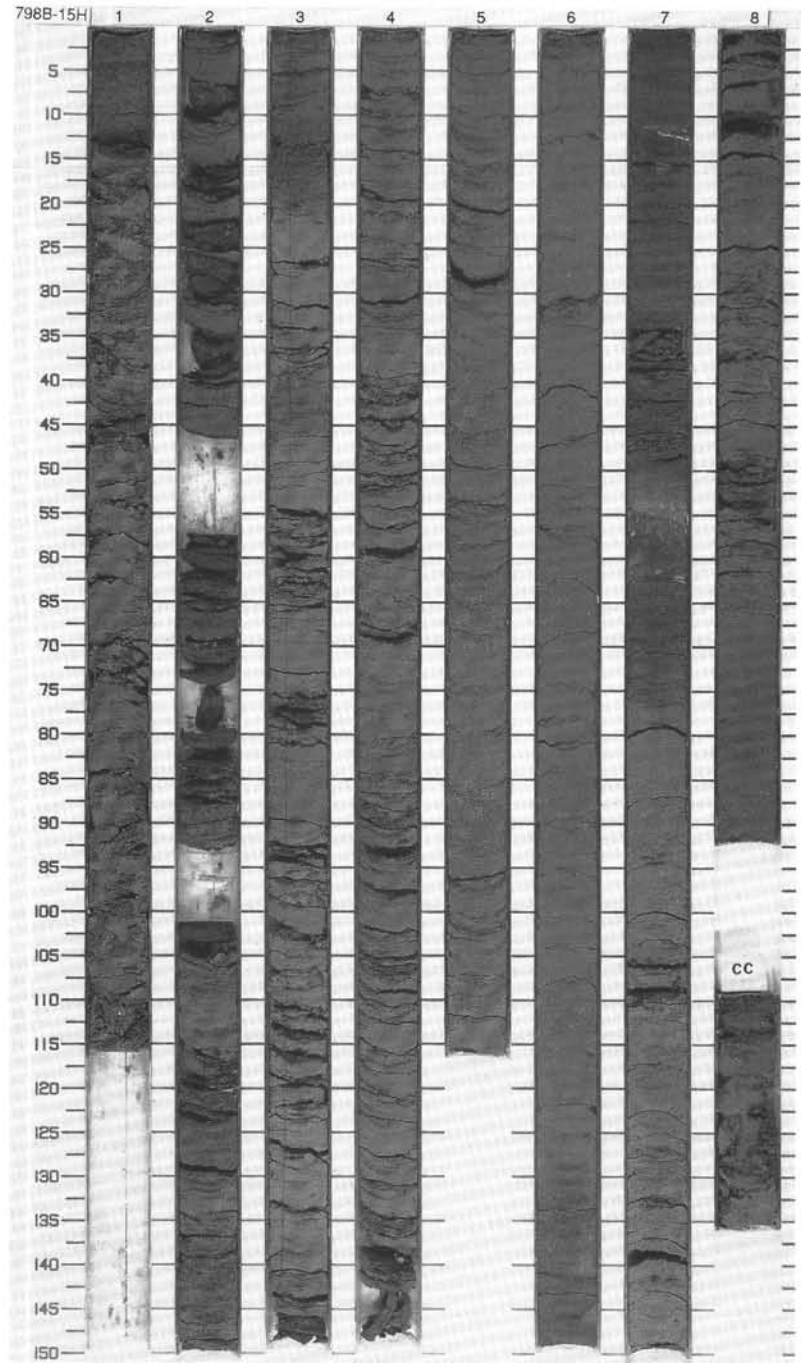
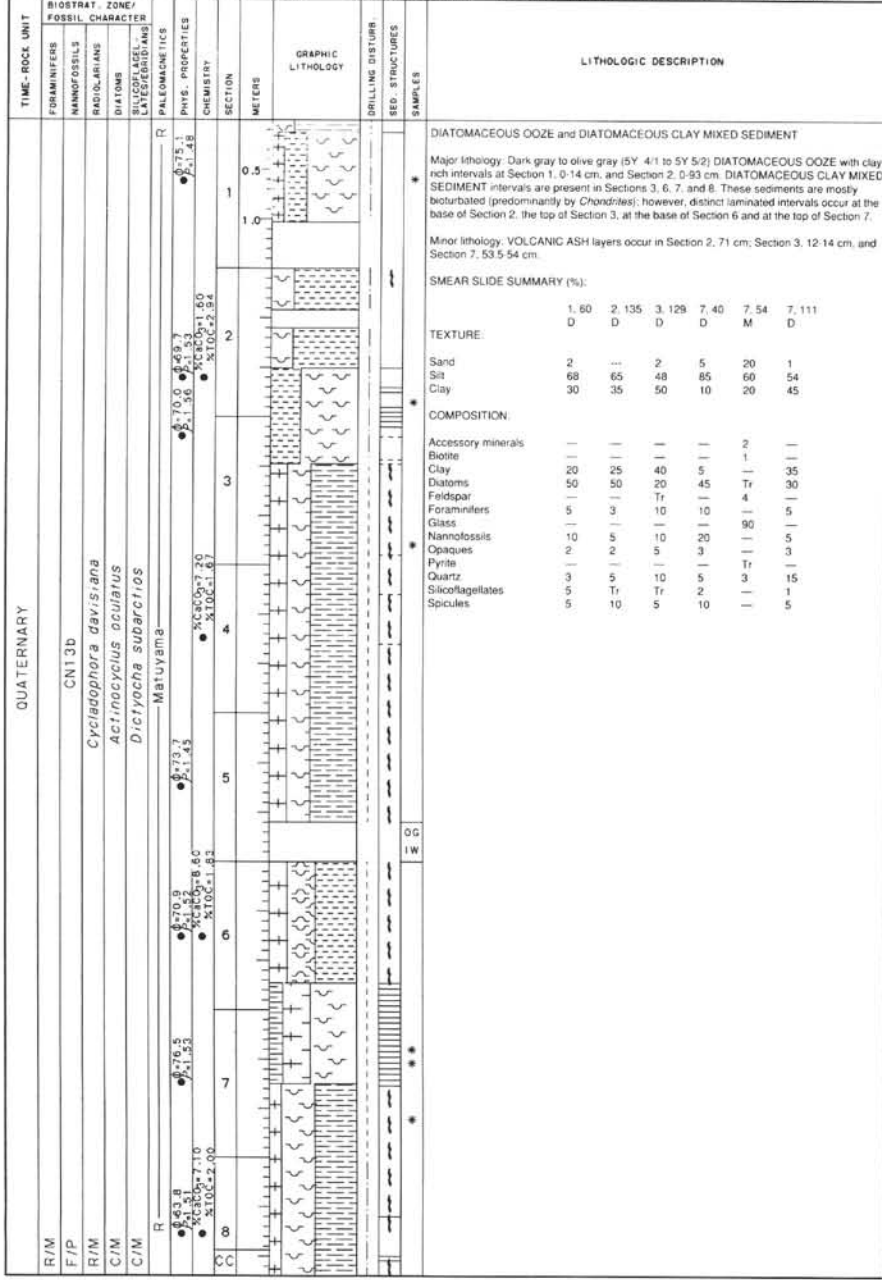




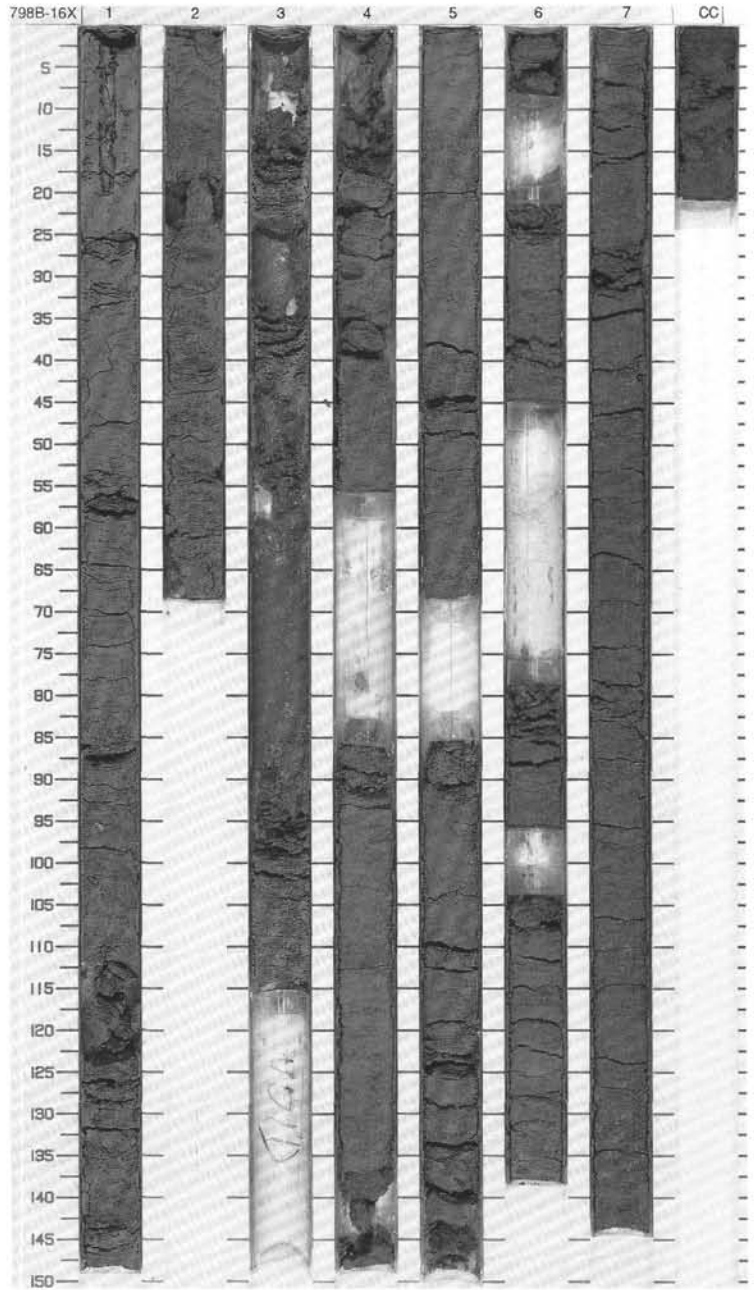
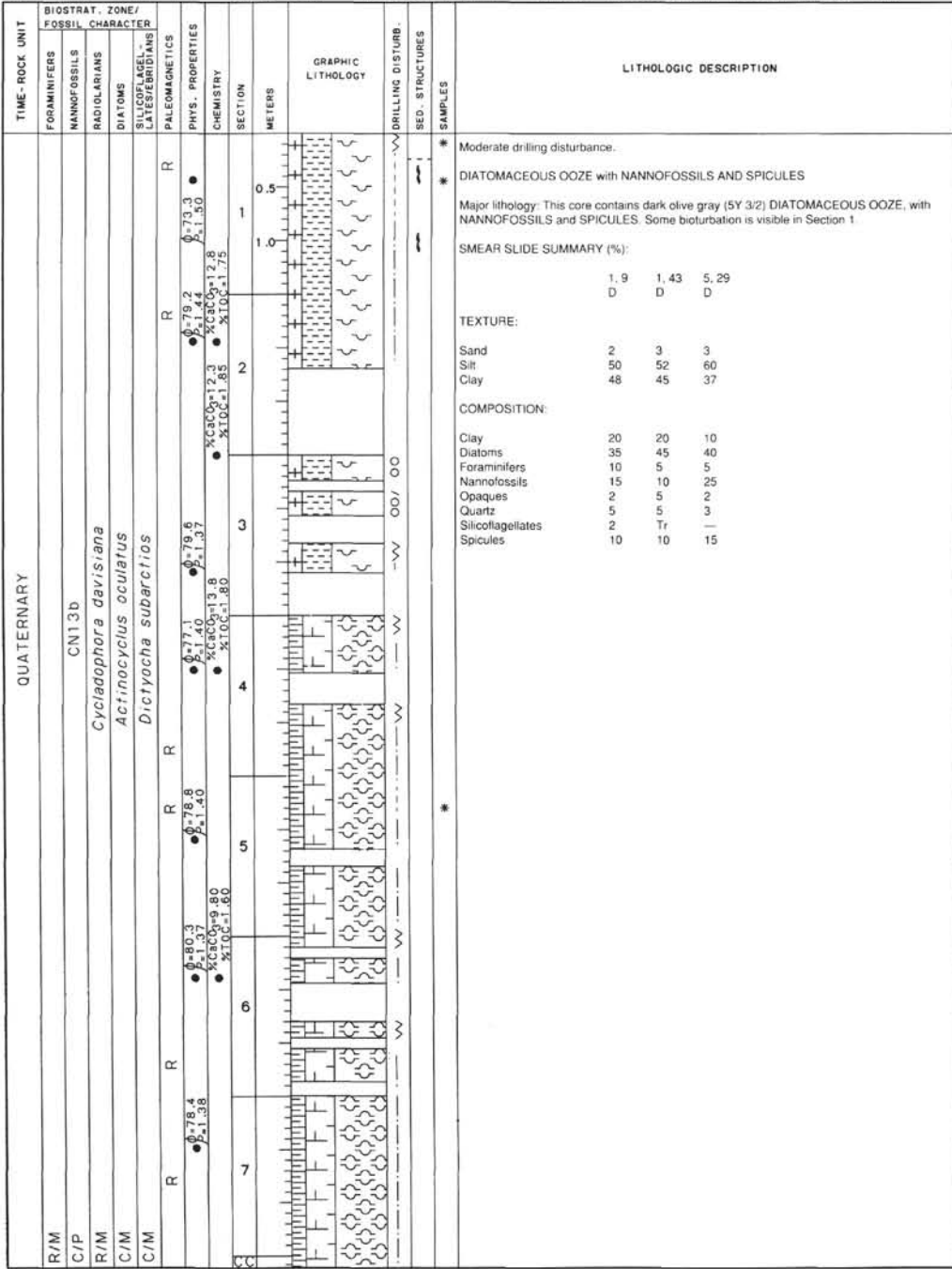
SITE 798 HOLE B CORE 14H CORED INTERVAL 1023.2-1032.9 mbsl; 123.2-132.9 mbsf

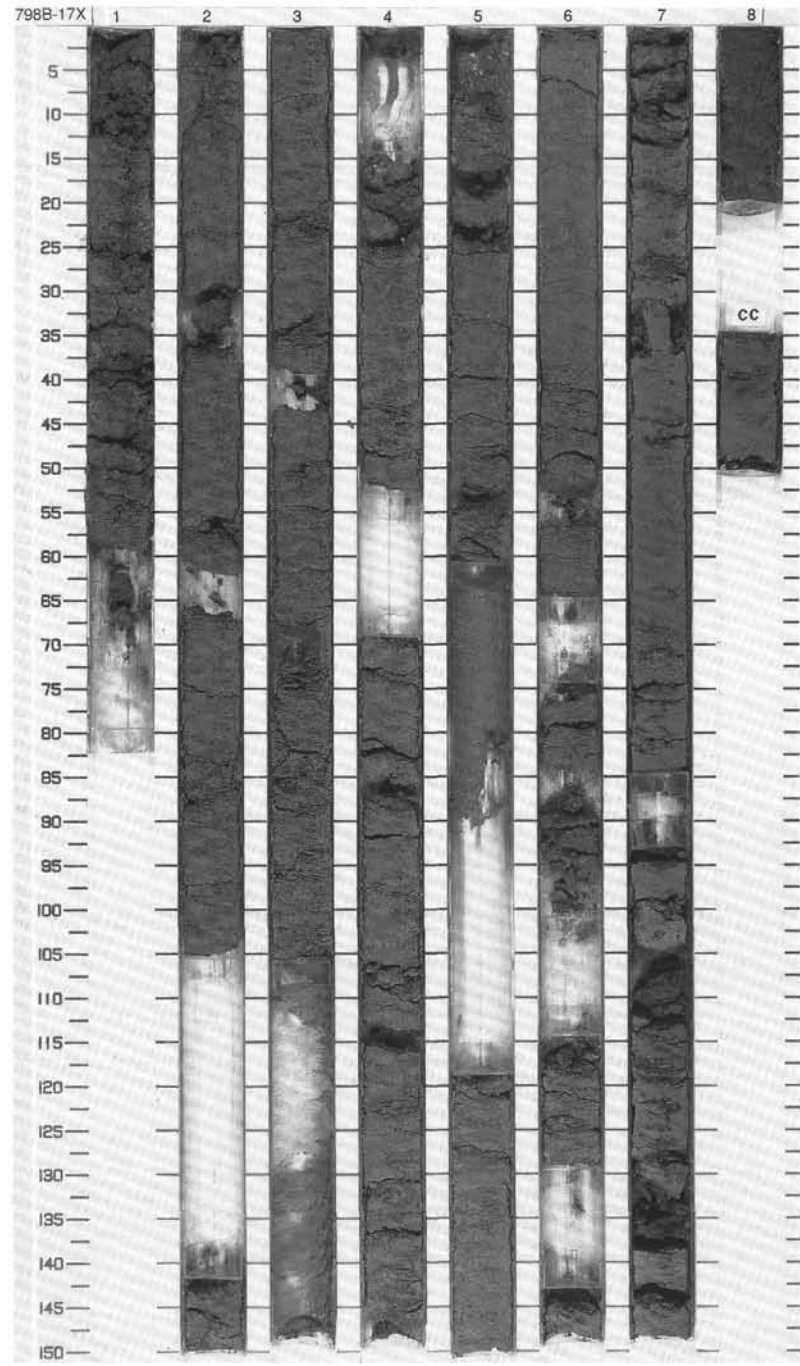
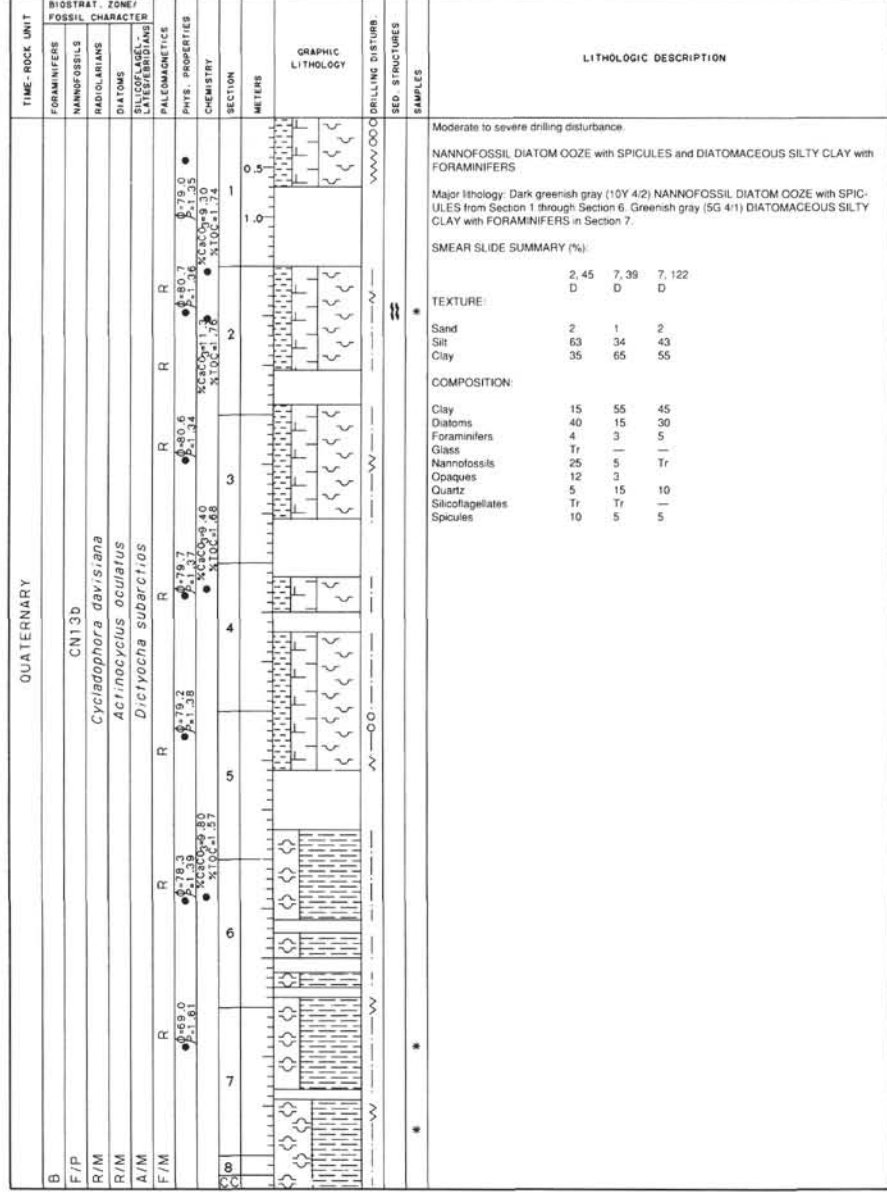
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	PHYS. PROPERTIES	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
QUATERNARY								
F/G								
F/P	CM: 3b							
R/M	<i>Cycladophora davisi</i>							
F/P	<i>Actinocyclus oculatus</i>							
R/M	<i>Dictyocha subarctica</i>							
	Matsuyama							
		0-47.0 2-1.63 X100-1.23						
		0-66.2 2-1.63 X100-1.22						
		0-66.2 2-1.43 X100-2.20						
		0-73.9 2-1.43 X100-2.20						
		0-71.3 2-1.43 X100-2.20						
		0-66.2 2-1.43 X100-2.20						
		0-59.4 2-1.63 X100-2.20						
		0-59.4 2-1.63 X100-2.20						
C/C								

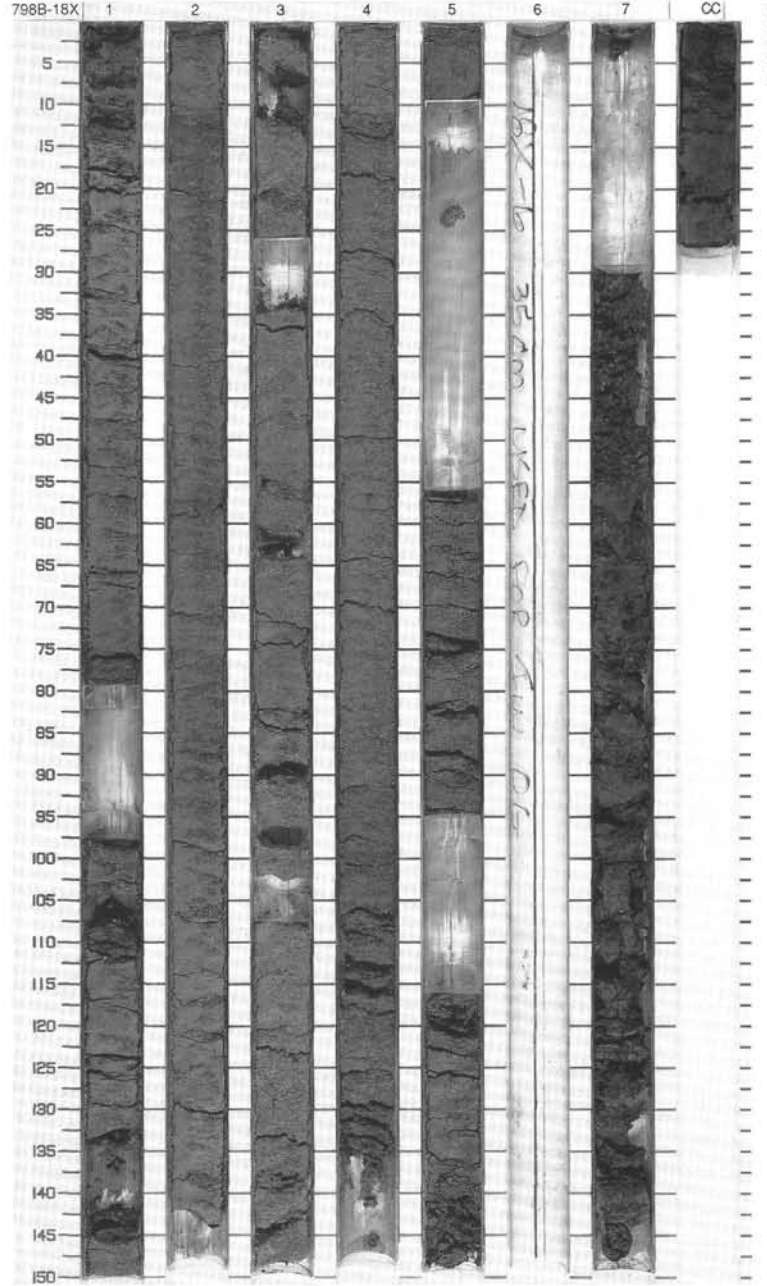
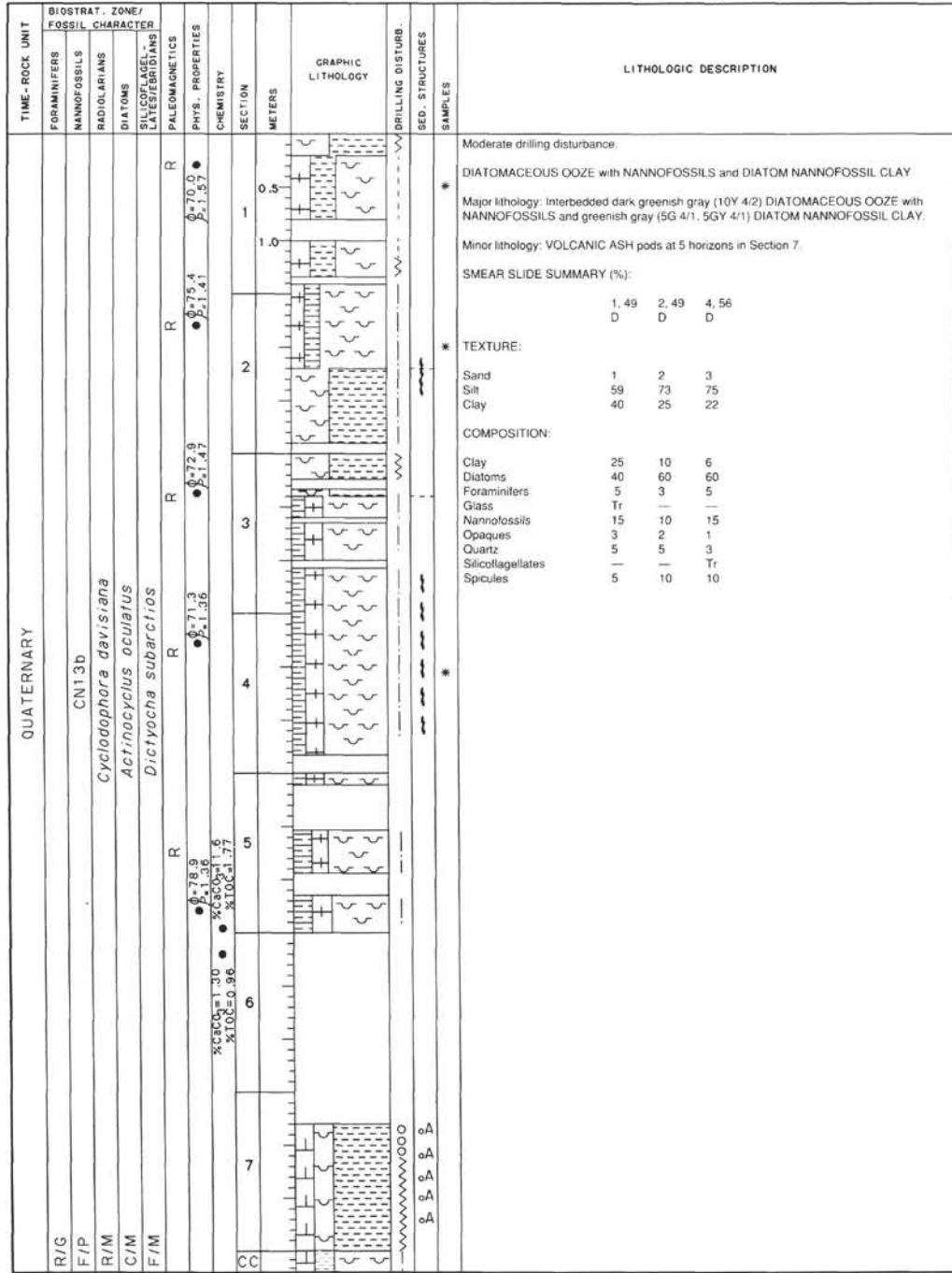




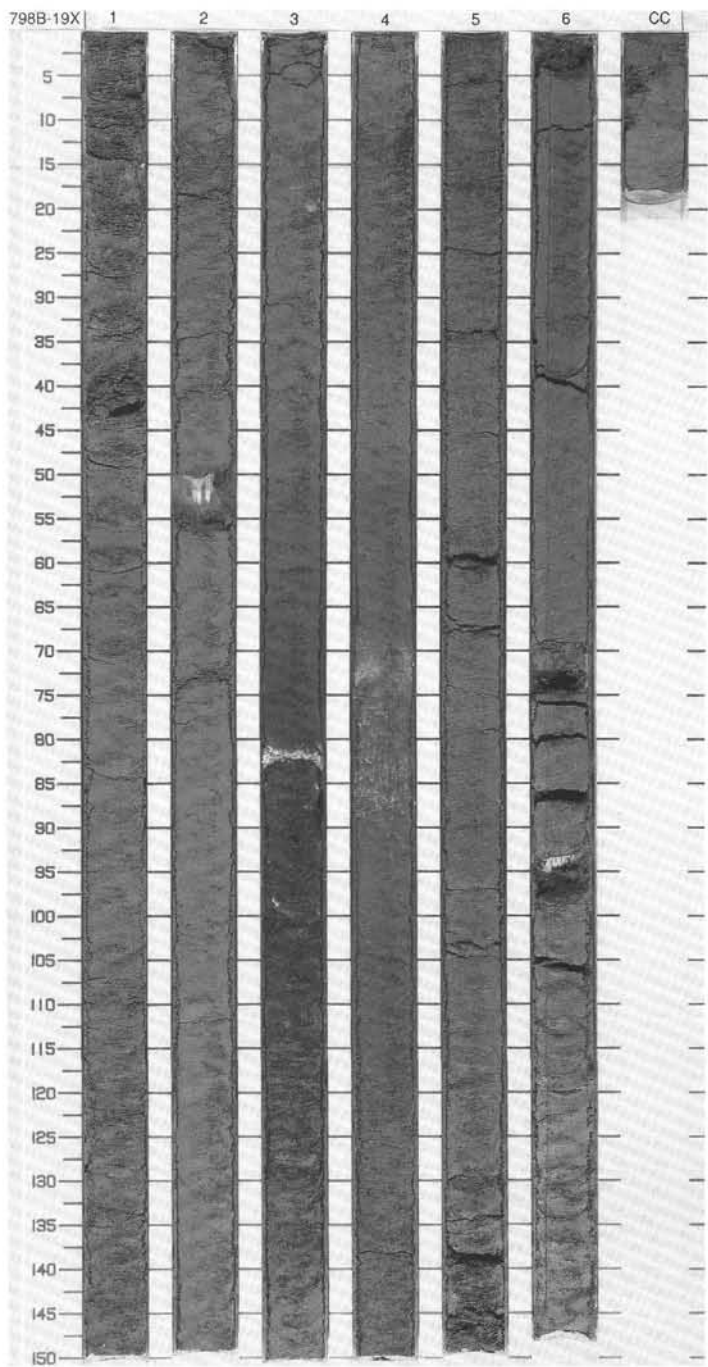
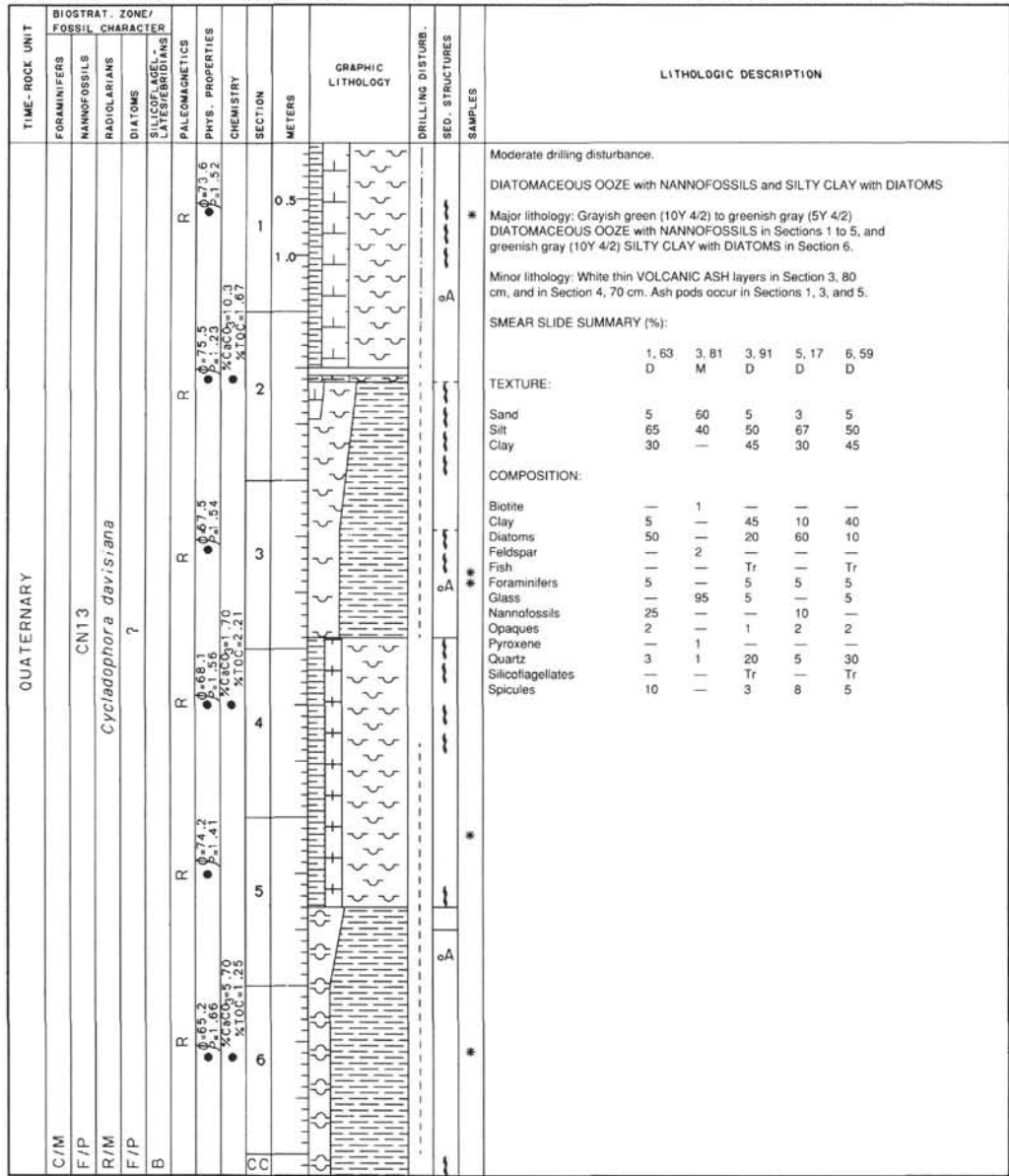
SITE 798 HOLE B CORE 16X CORED INTERVAL 1042.6-1052.3 mbsl; 142.6-152.3 mbsf



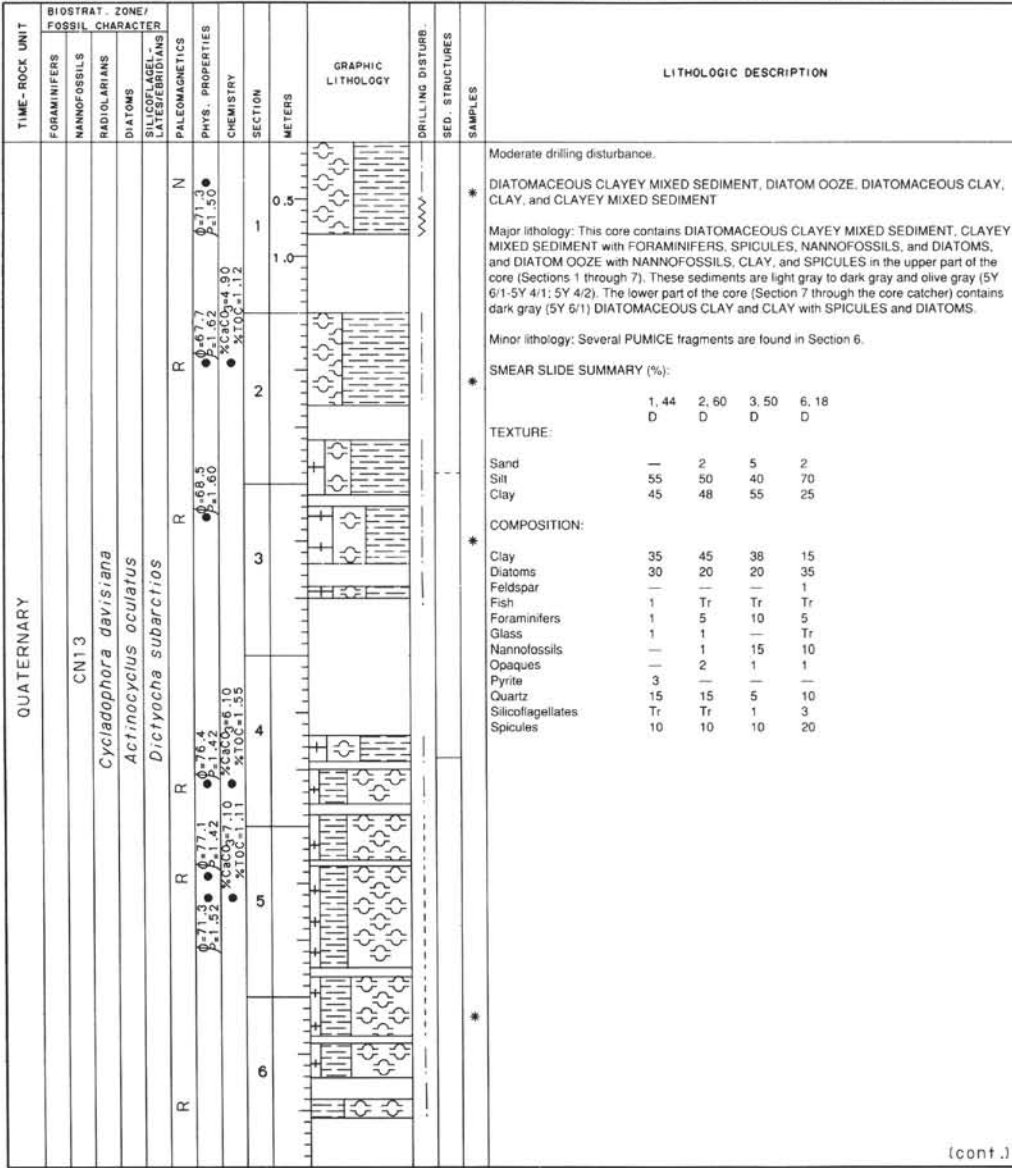




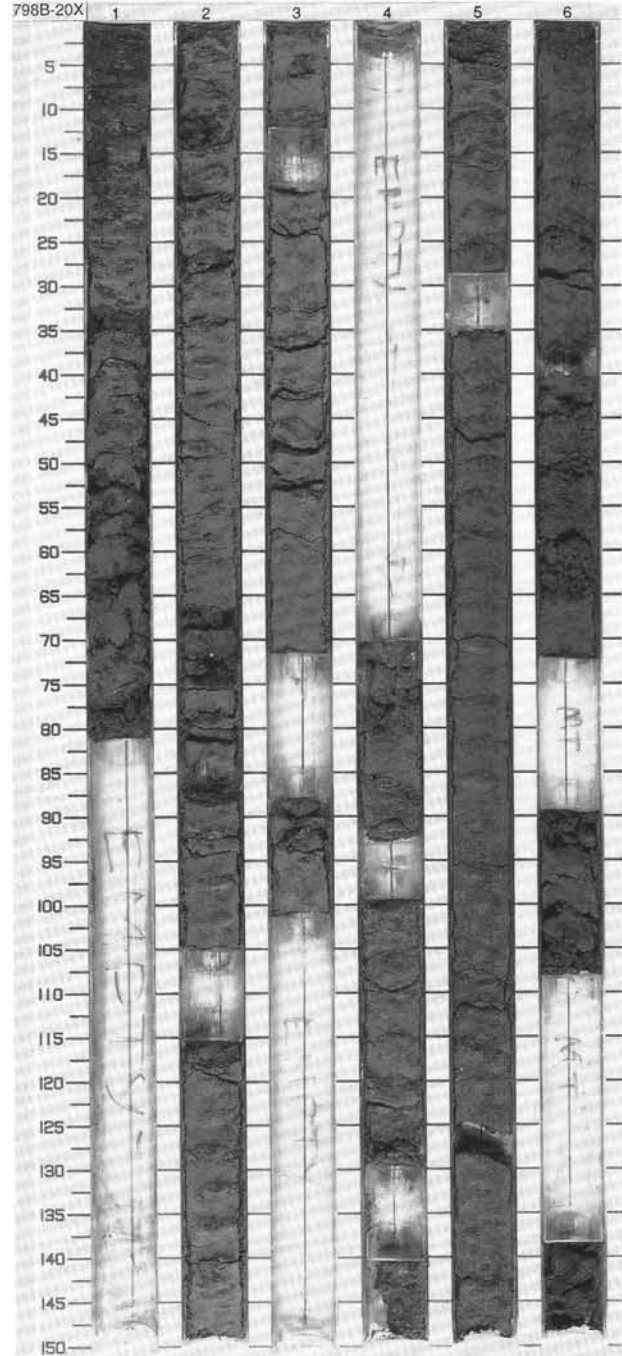




SITE 798 HOLE B CORE 20X CORED INTERVAL 1081.3-1091.0 mbsf; 181.3-191.0 mbsf

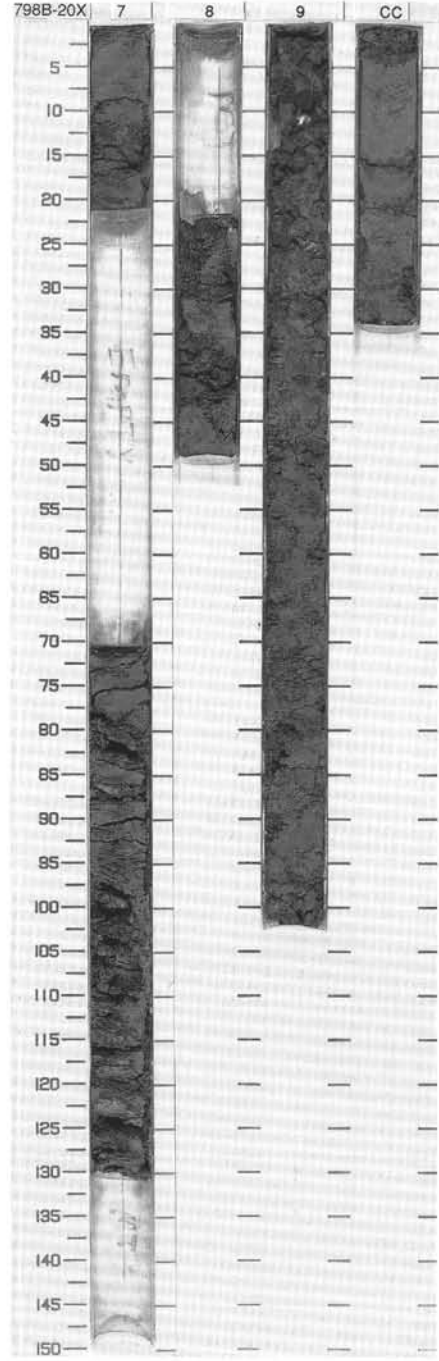


(cont.)



SITE 798 HOLE B CORE 20X CORED INTERVAL 1081.3-1090.0 mbsf; 181.3-191.0 mbsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER		SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
F/M	F/P	R/M	C/M							
				7	0.5 1.0					(cont.)
				8						
				9						
				CC						

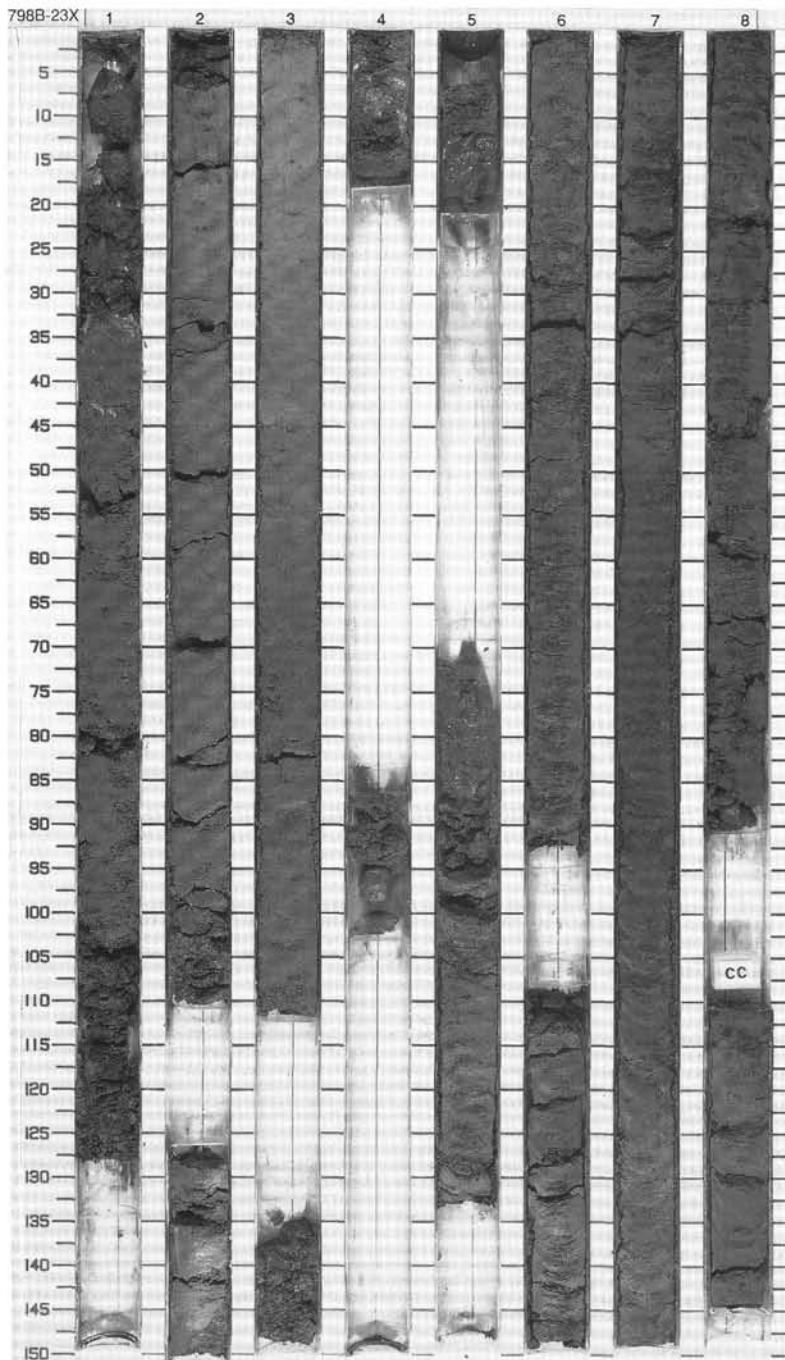
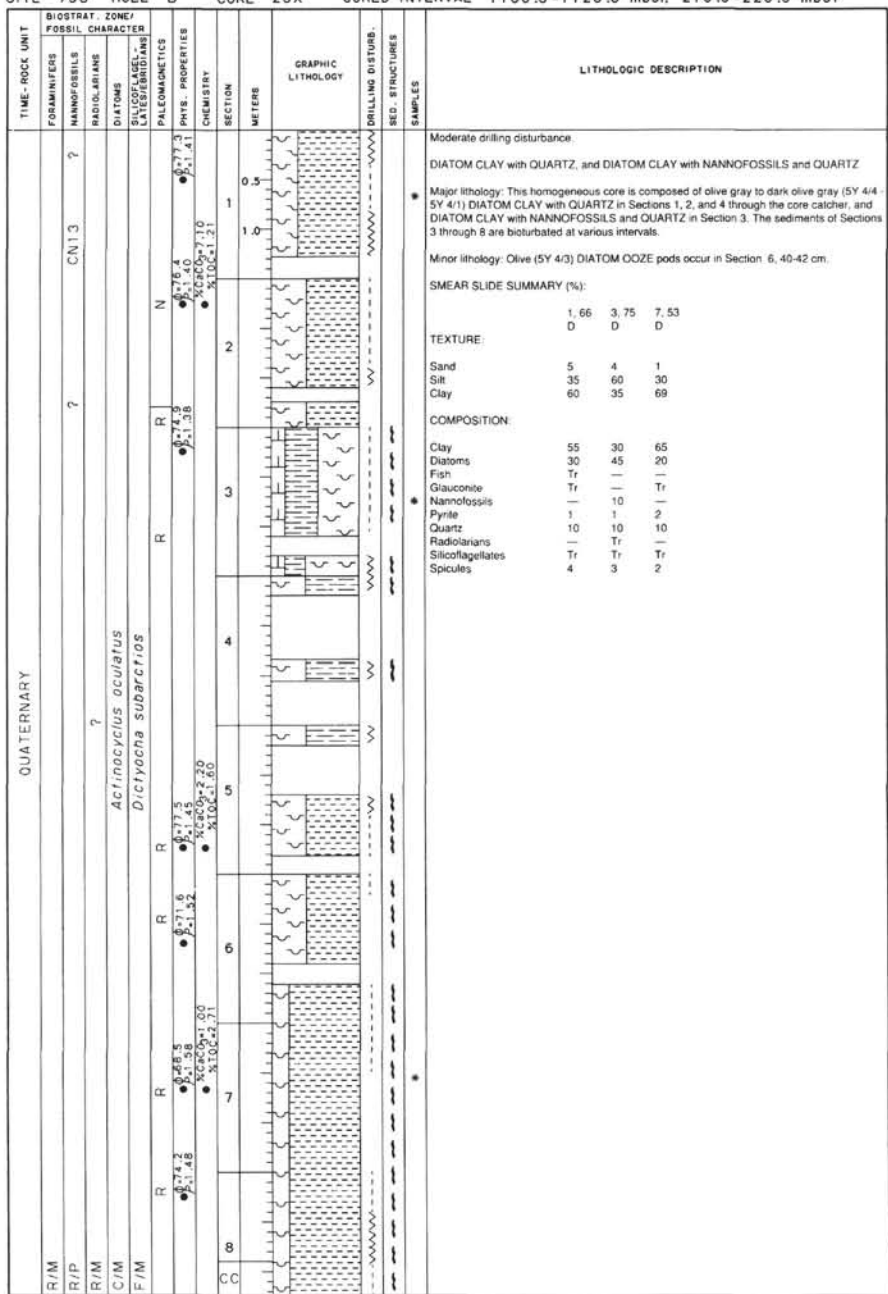


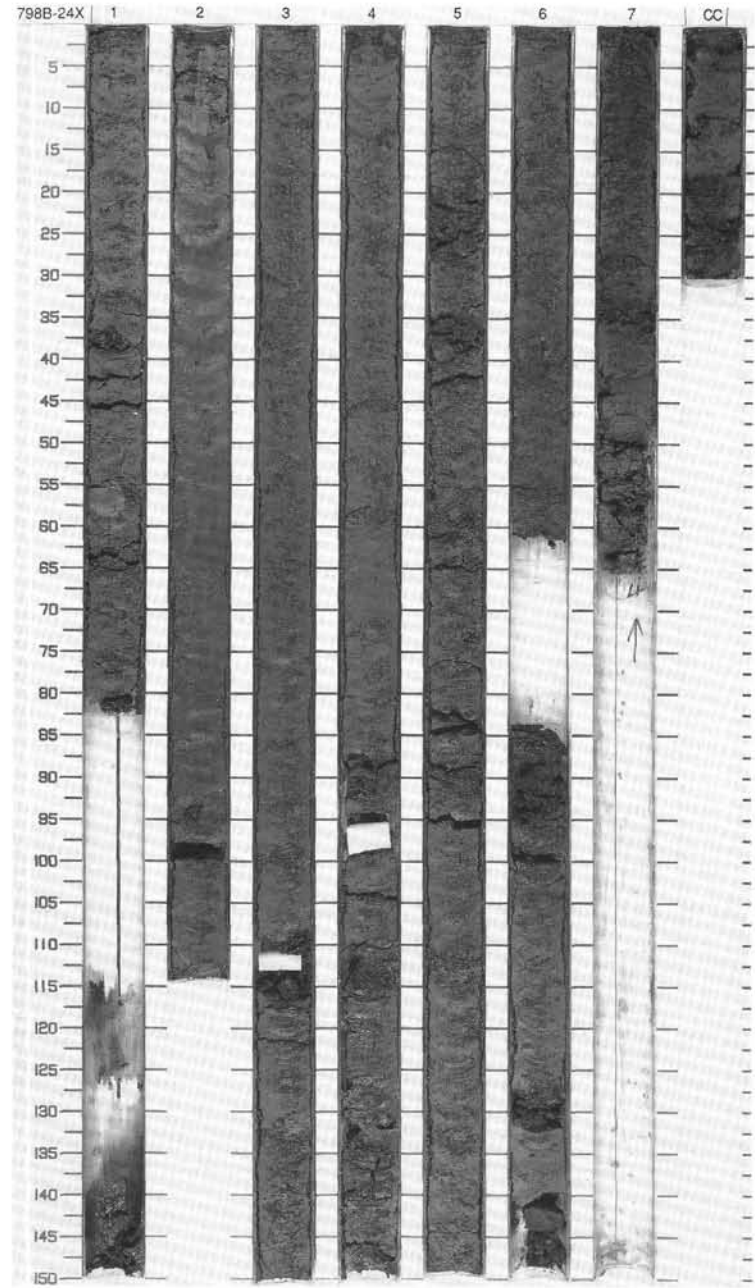
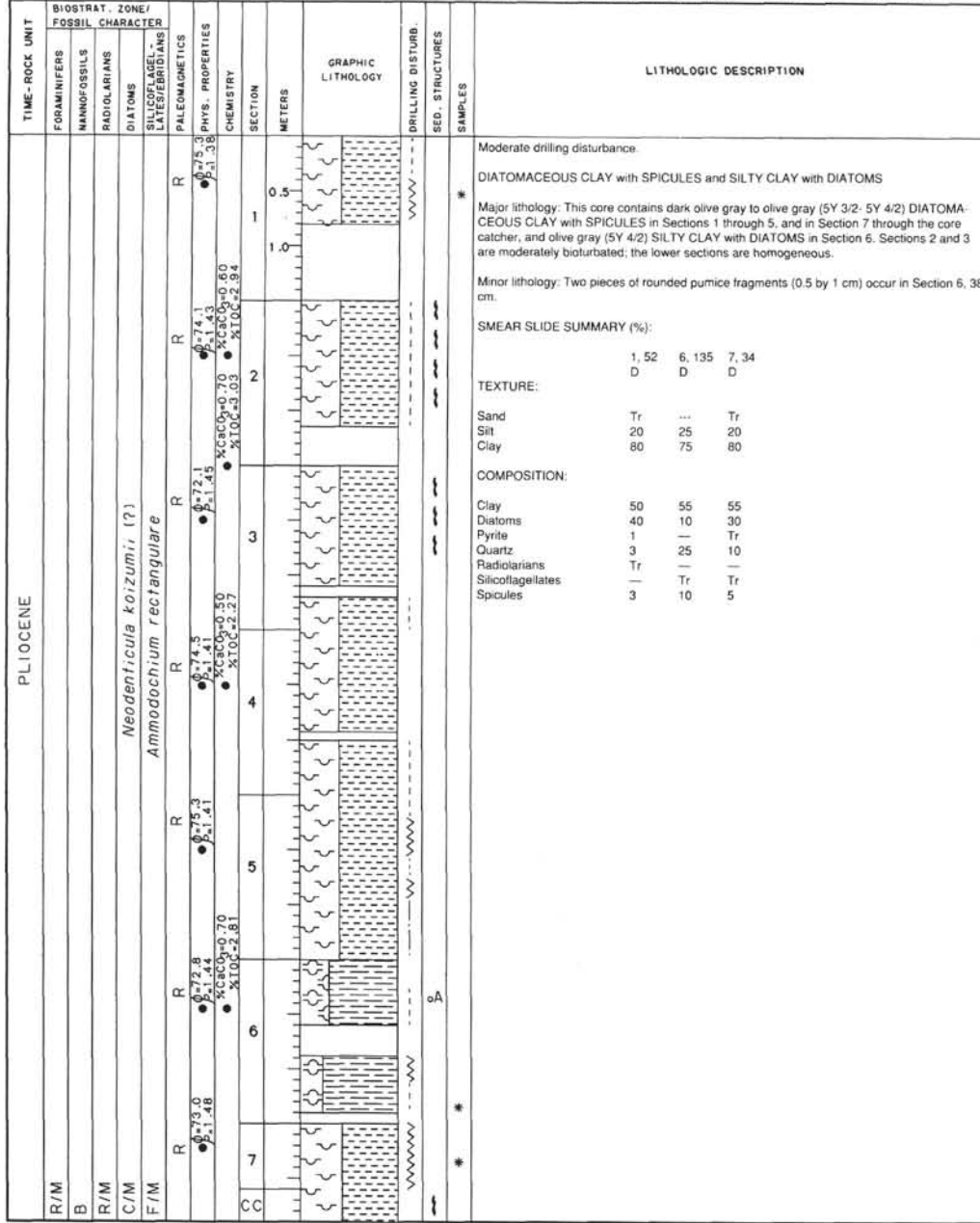






SITE 798 HOLE B CORE 23X CORED INTERVAL 1100.3-1120.0 mbsf: 210.3-220.0 mbsf

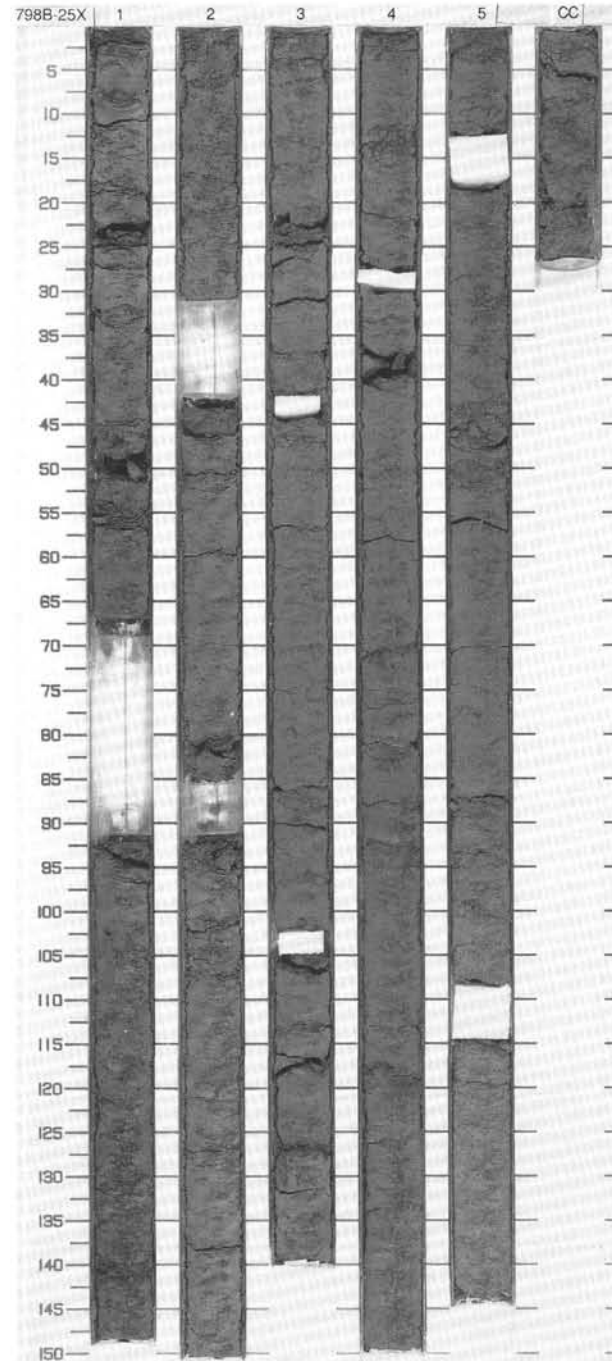


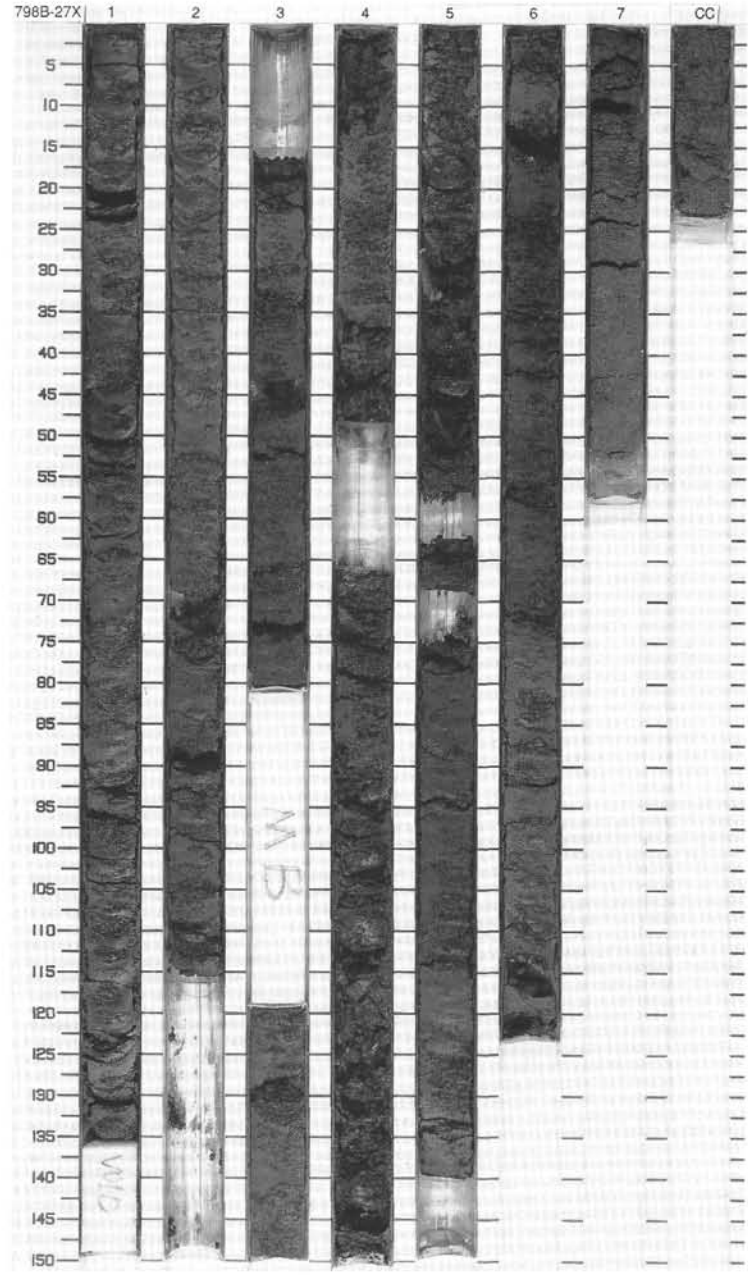
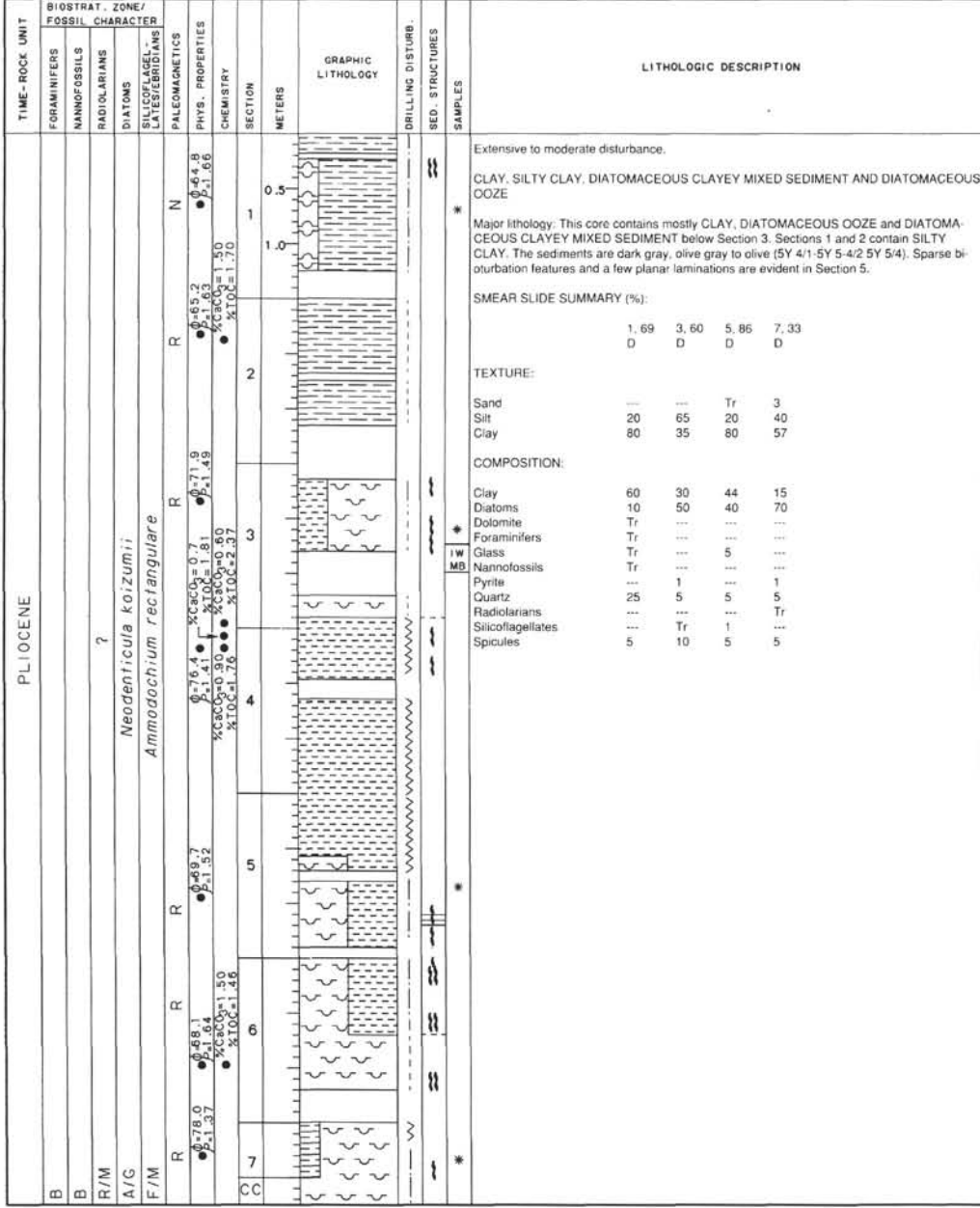


SITE 798 HOLE B CORE 25X CORED INTERVAL 1129.7-1139.3 mbsf; 229.7-239.3 mbsf

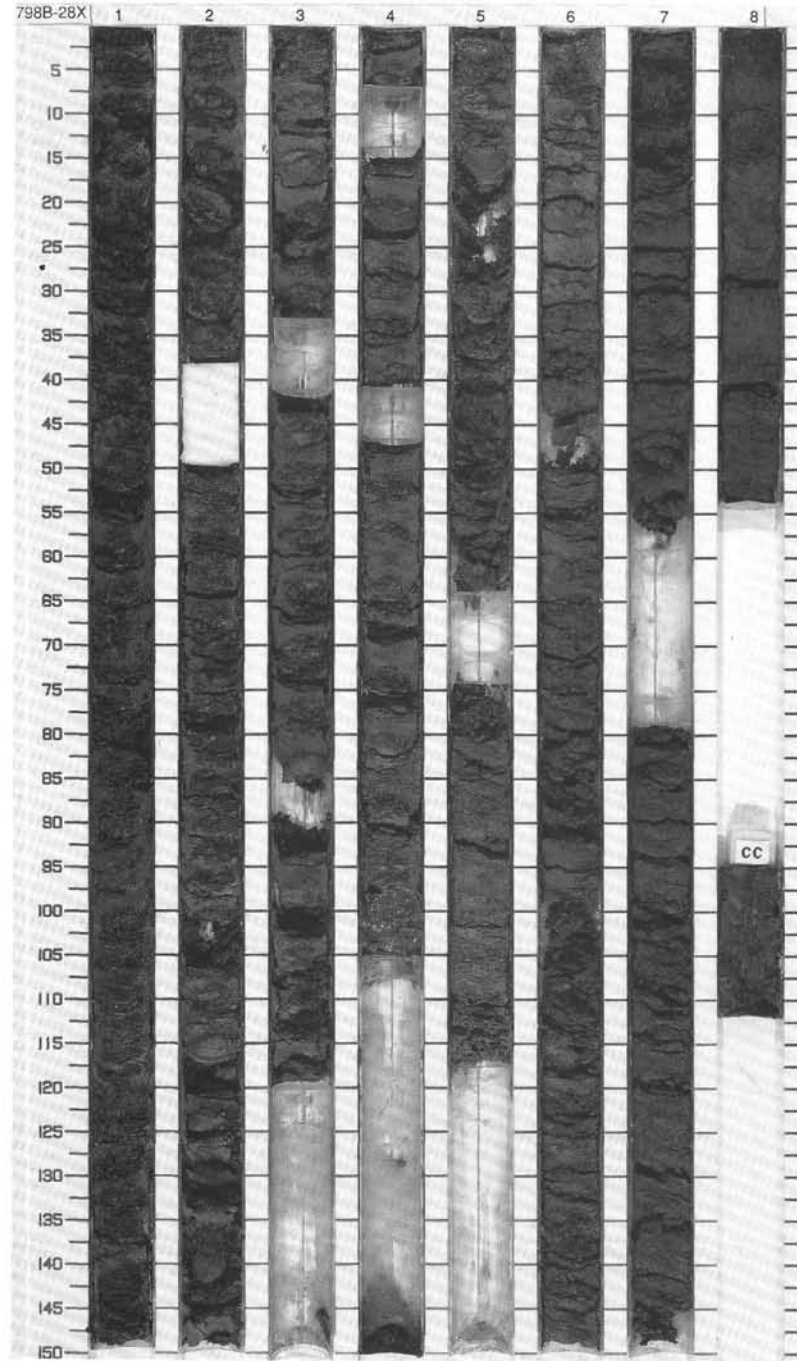
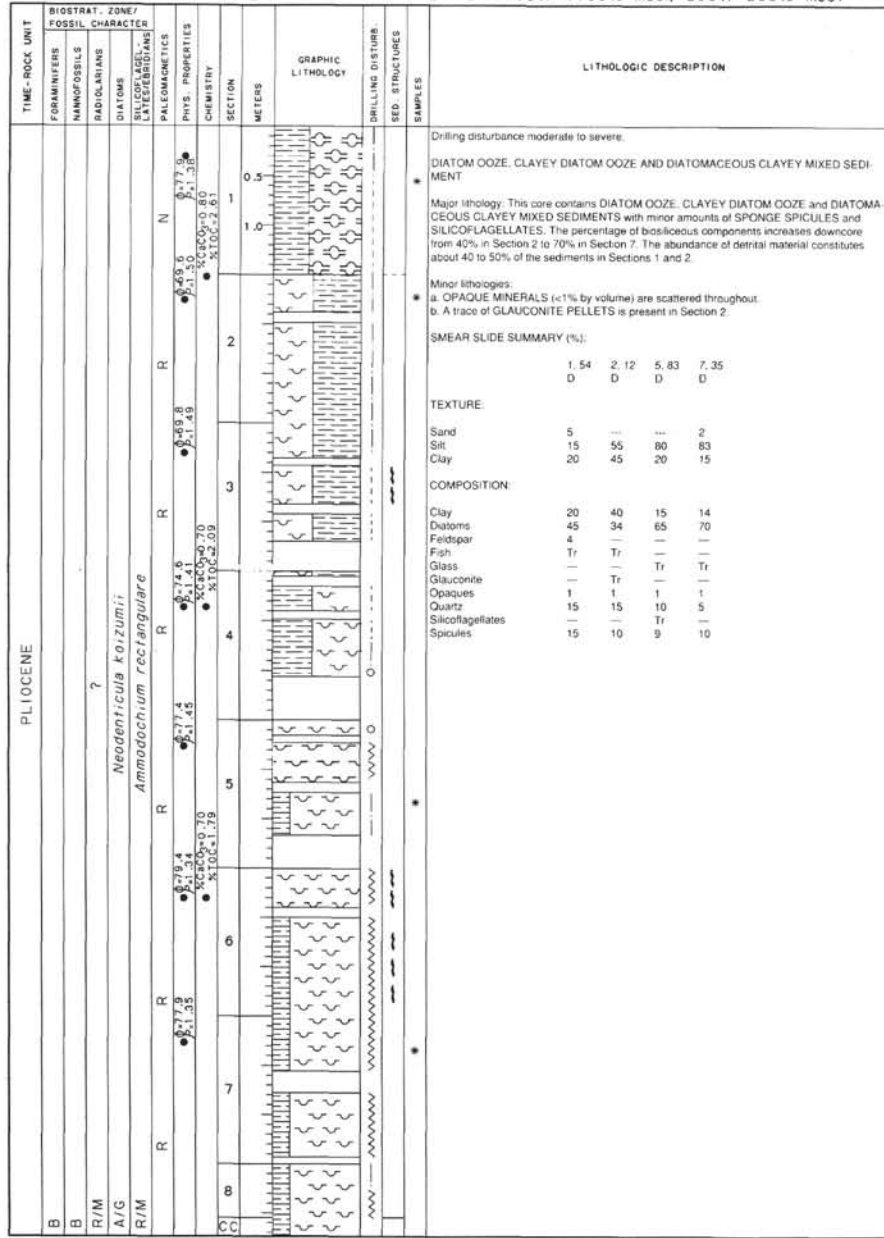
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER					SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	MAMMOFOSILS	RADIOLARIANS	DIATOMS	SILICOFLAGEL-LATES/EBRIDIAN							
PLIOCENE	R/G					1	0.5					Minor drilling disturbance. DIATOM OOZE with SILTY CLAY and DIATOMACEOUS SILTY CLAY Major lithology: This core contains olive gray (5Y 4/2) DIATOM OOZE with SILTY CLAY and DIATOMACEOUS SILTY CLAY. The sediments are bioturbated in the middle of Section 5, but otherwise lack sedimentary structures. * Minor lithology: A pocket of VITRIC ASH occurs in Section 1, 112 cm. SMEAR SLIDE SUMMARY (%): 1, 112 M TEXTURE: Sand 5 Silt 85 Clay 10 COMPOSITION: Diatoms 4 Feldspar 10 Foraminifers 10 Glass 64 Silicoflagellates 2 Spicules 10
	F/P					2	1.0					
	F/M					3	1.5					
	C/M					4	2.0					
	R/M					5	2.5					

798B 26X NO RECOVERY

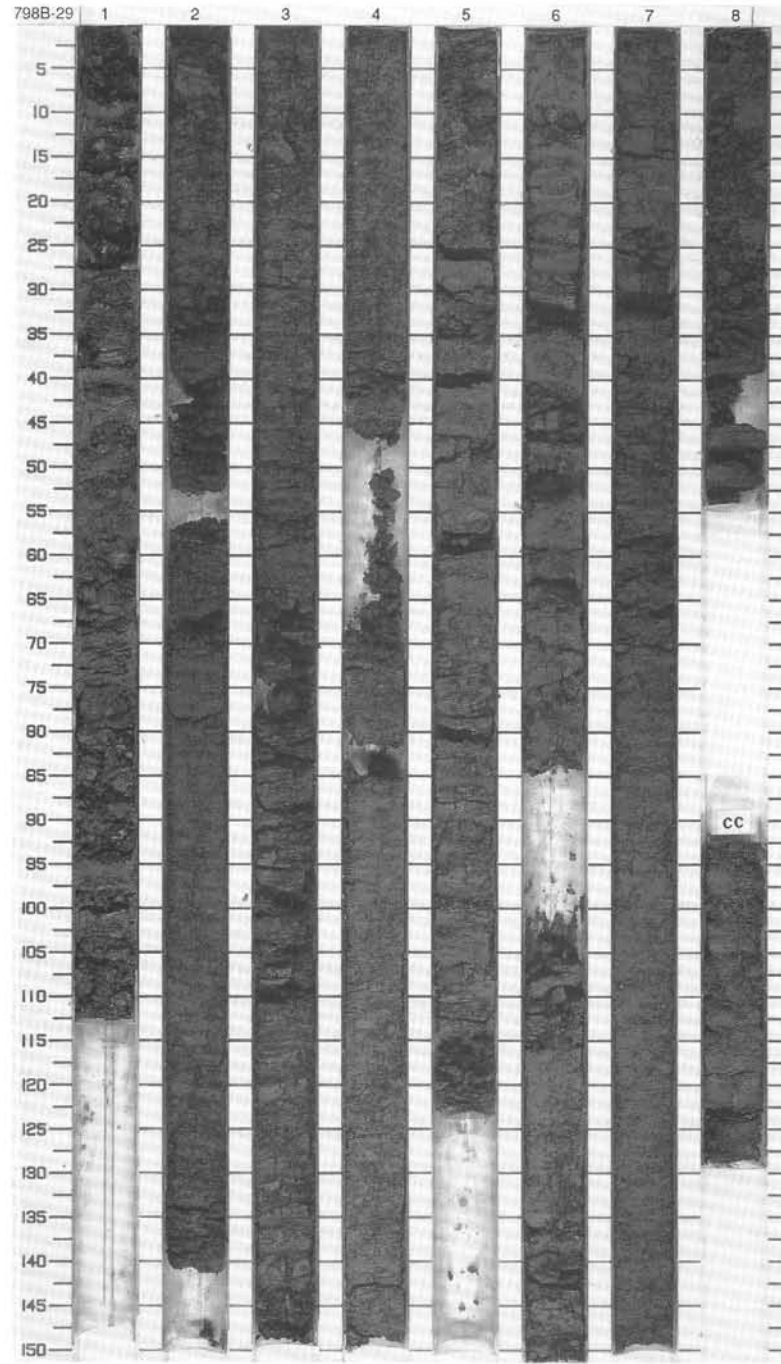
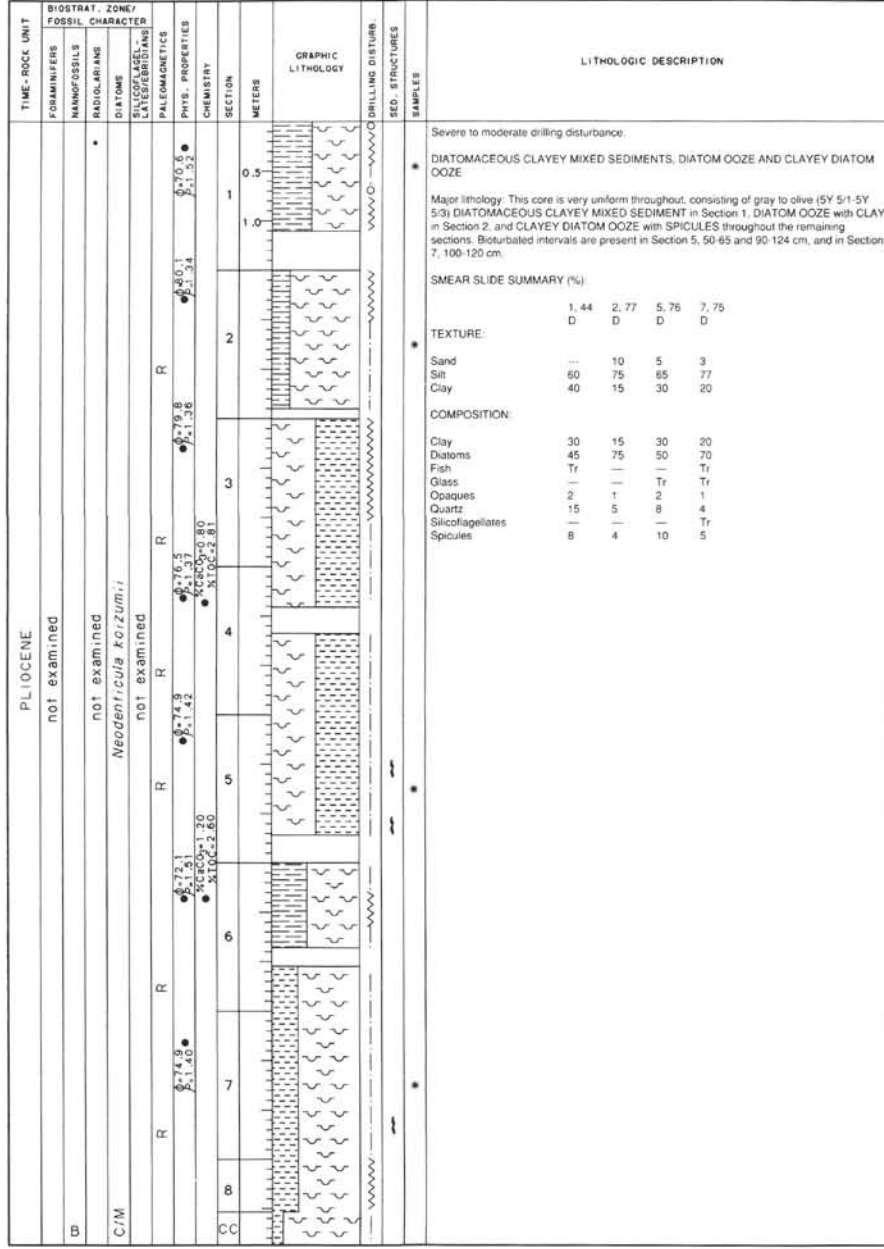




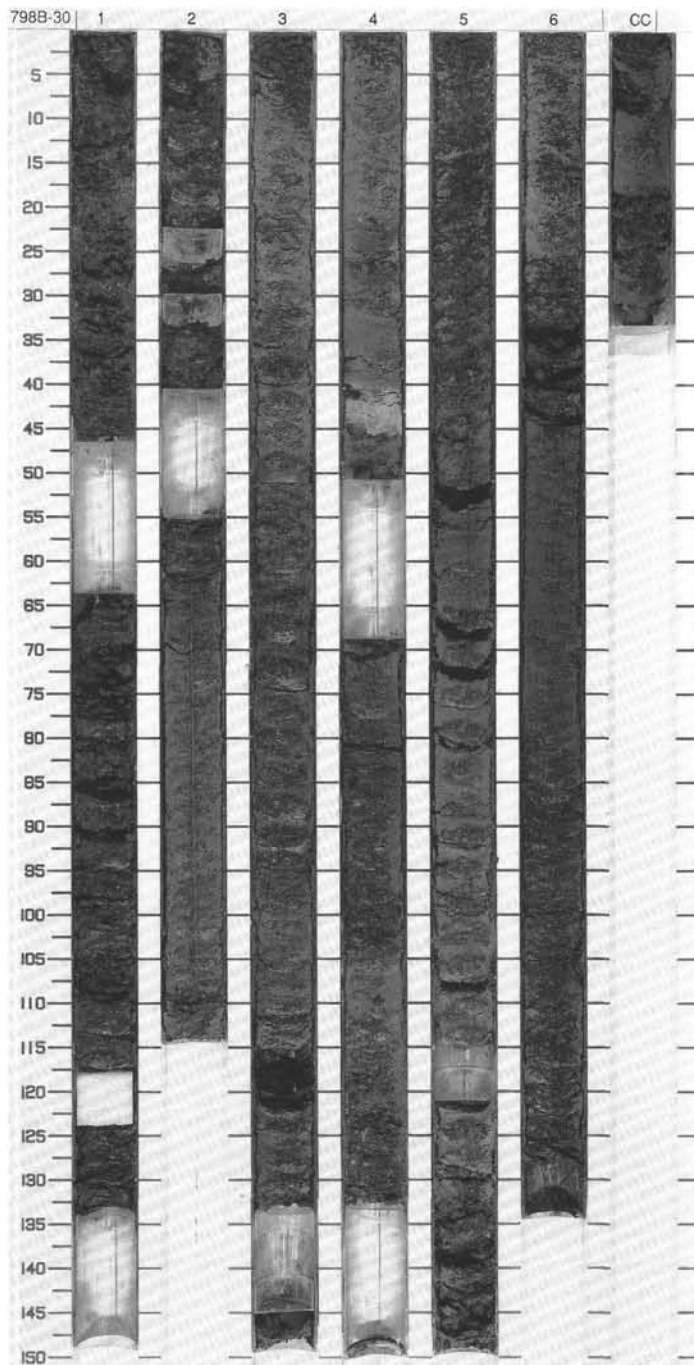
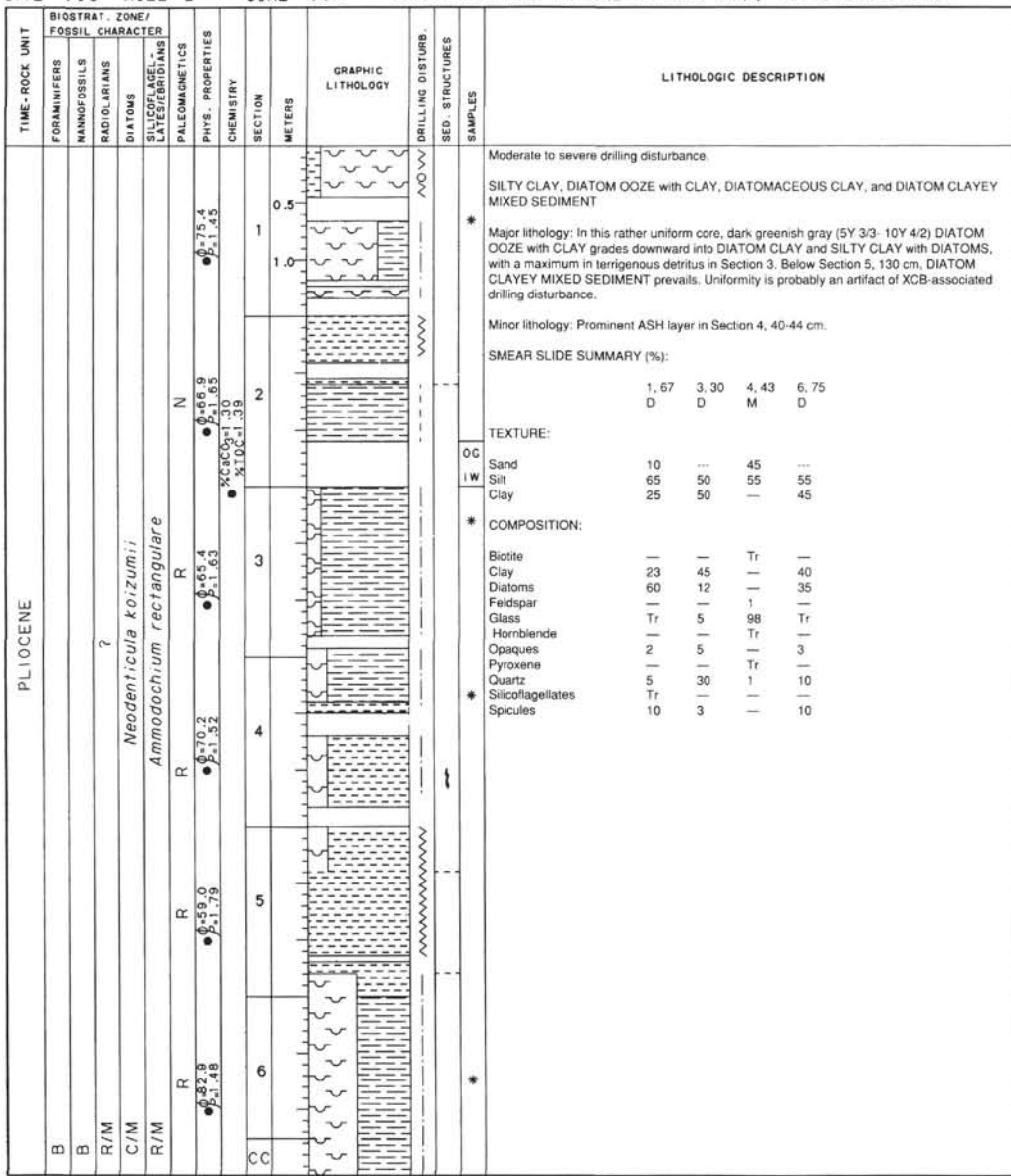
SITE 798 HOLE B CORE 28X CORED INTERVAL 1158.7-1168.3 mbsf; 258.7-268.3 mbsf

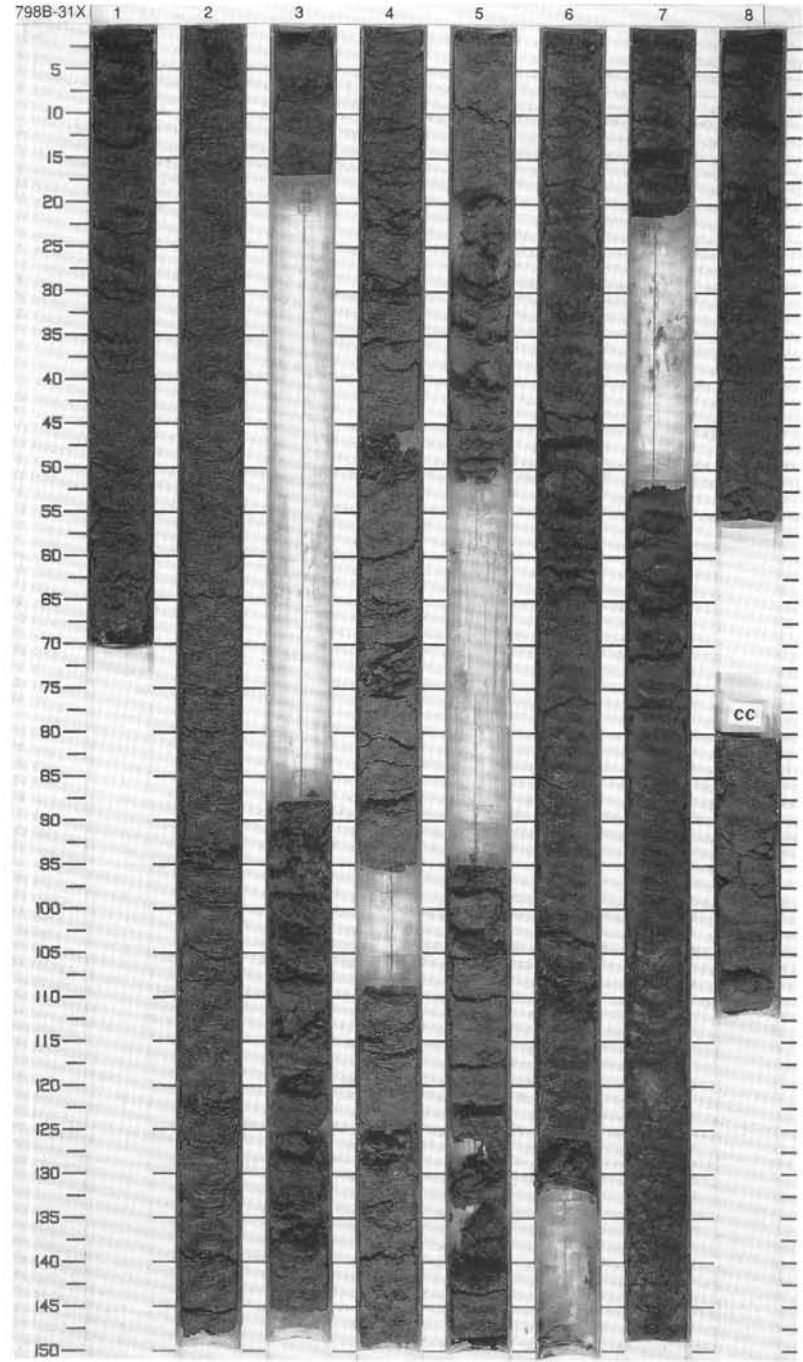
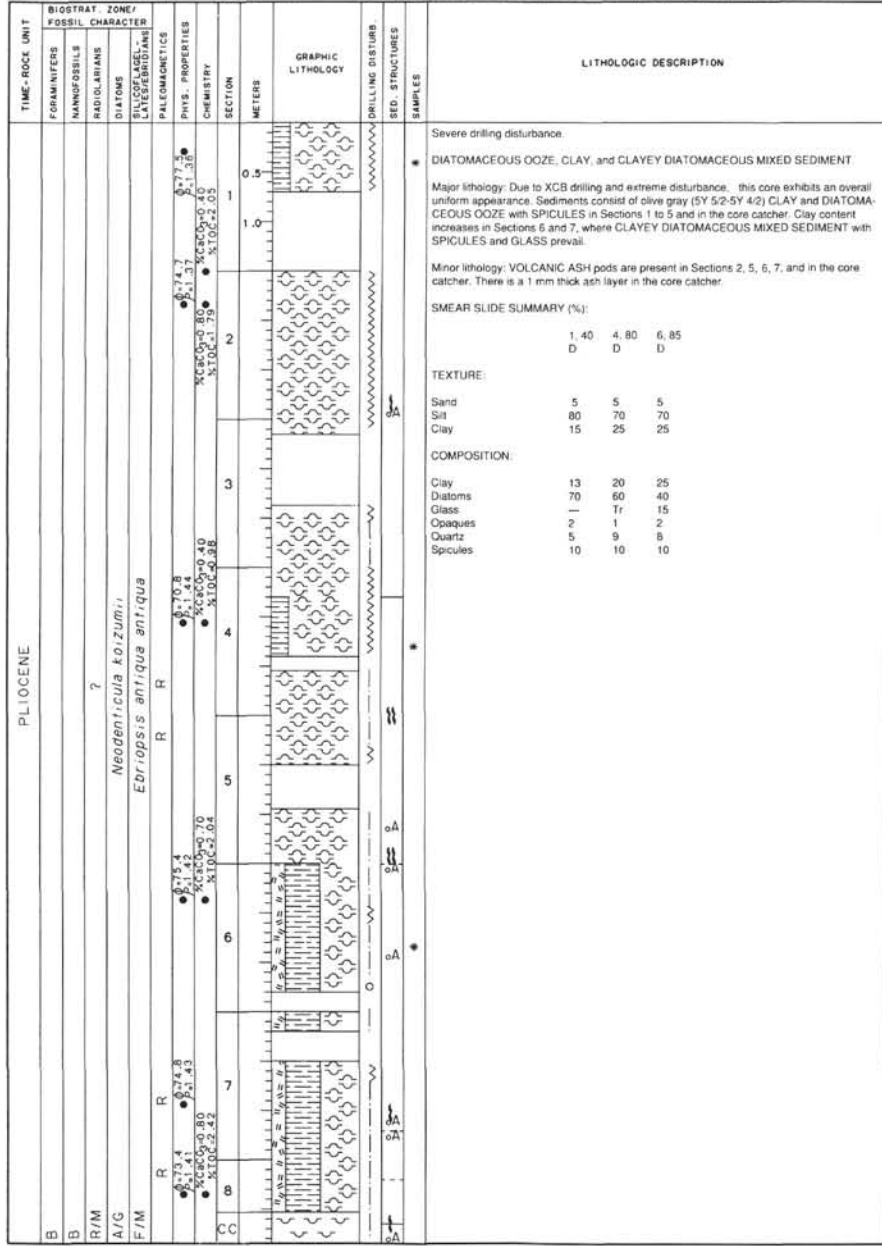




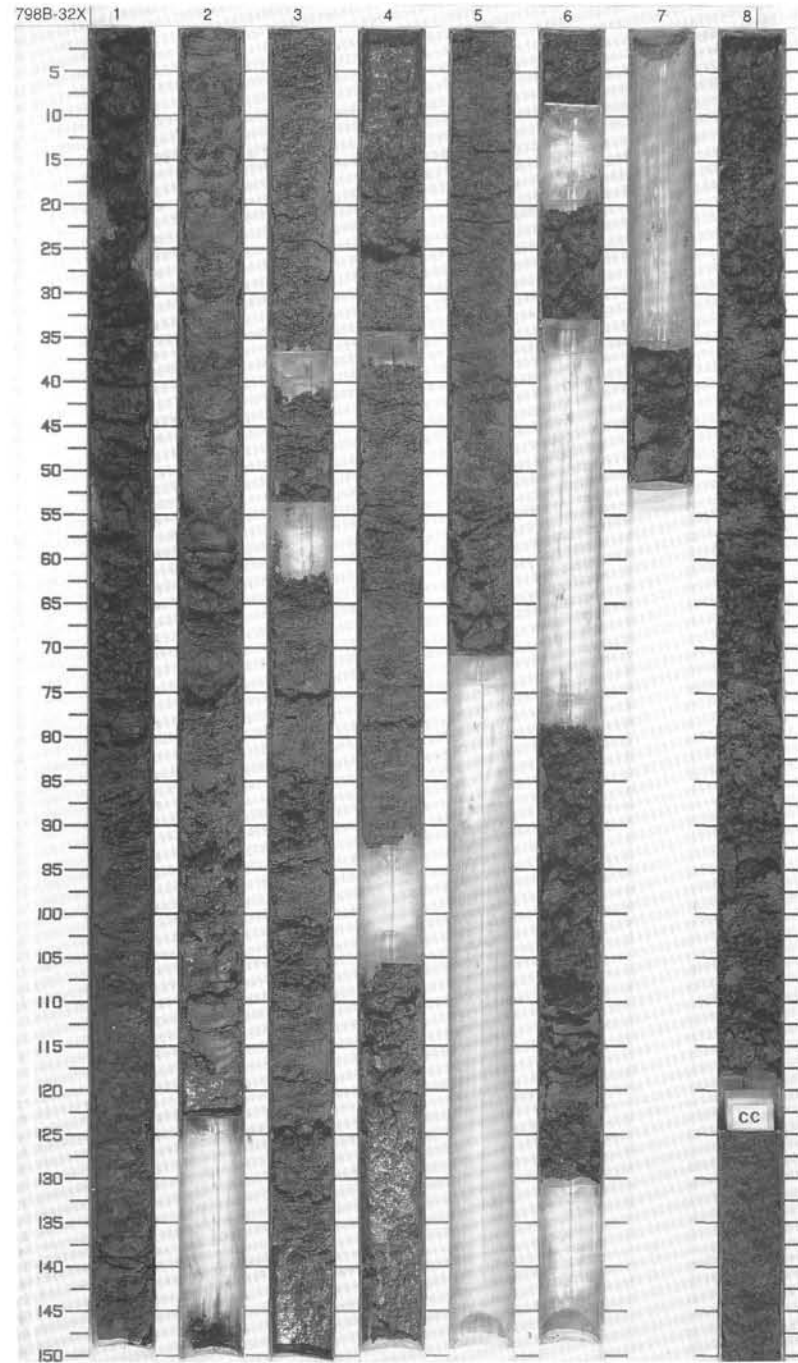
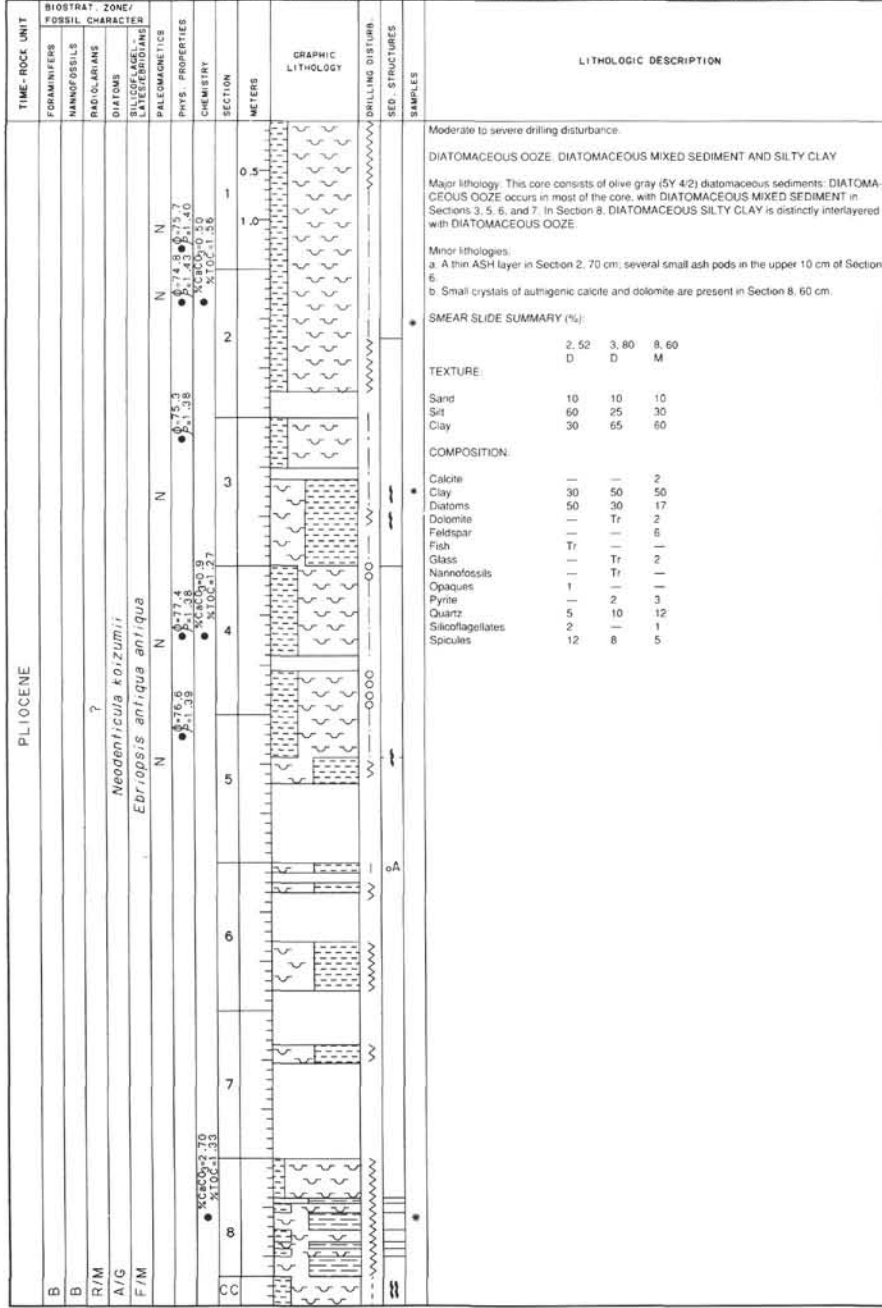


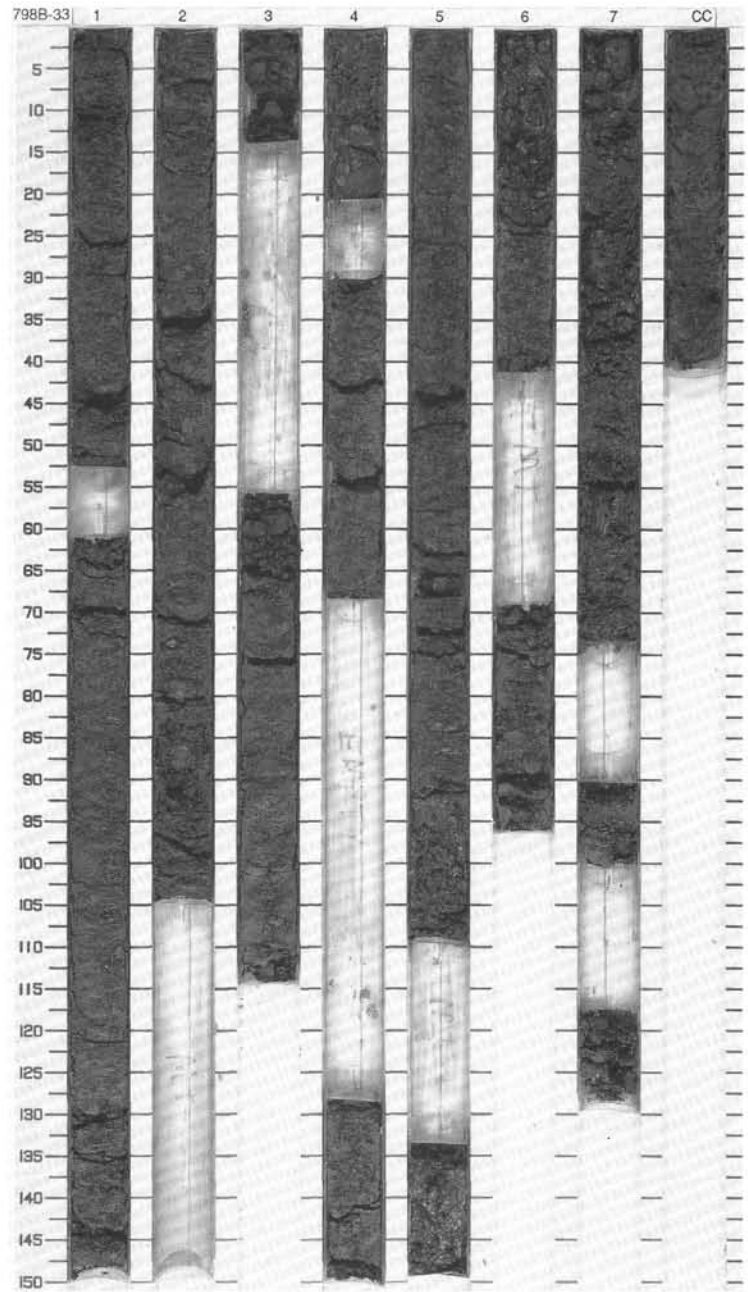
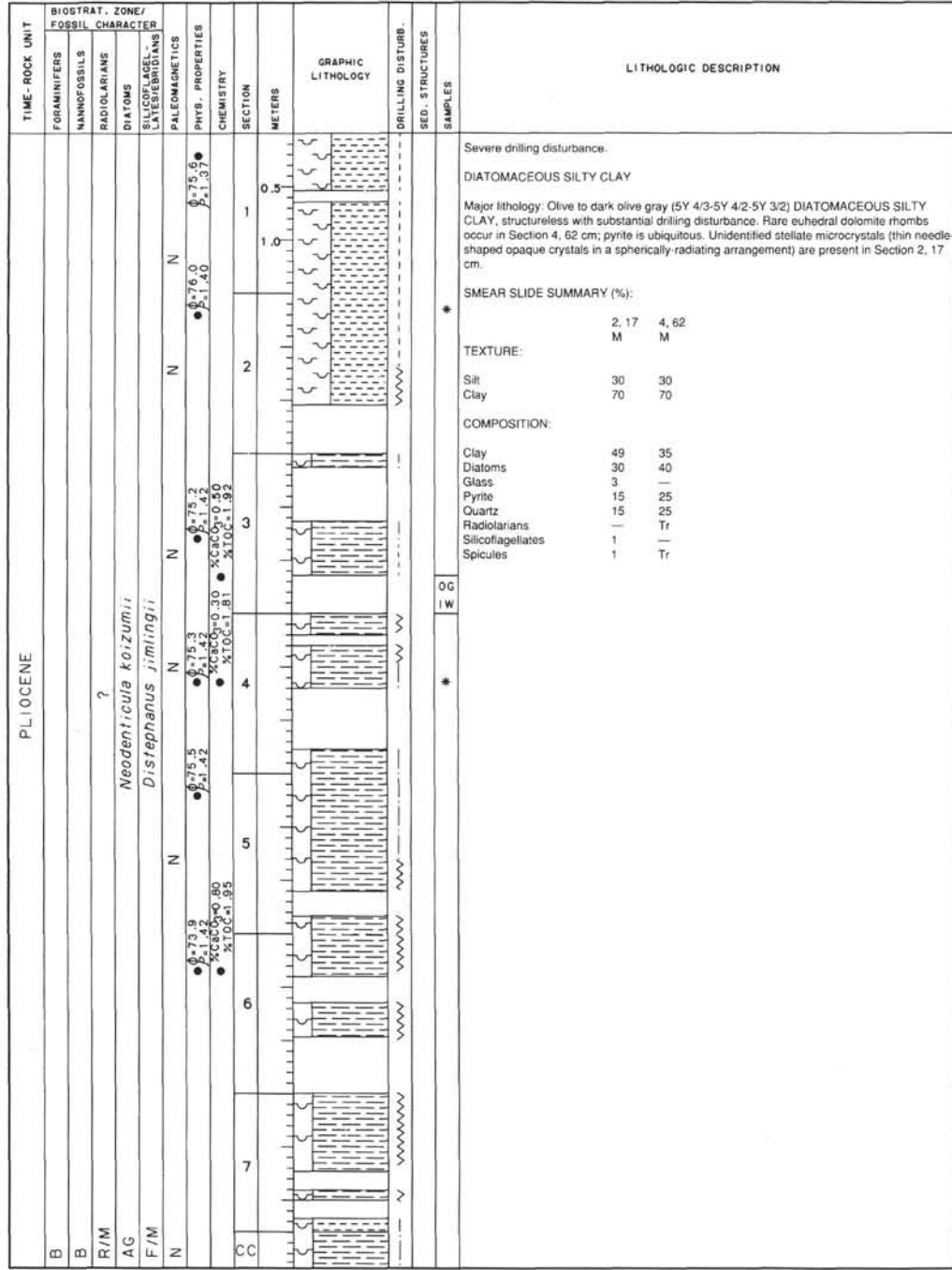
SITE 798 HOLE B CORE 30X CORED INTERVAL 1177.2-1186.4 mbsf; 277.2-286.4 mbsf





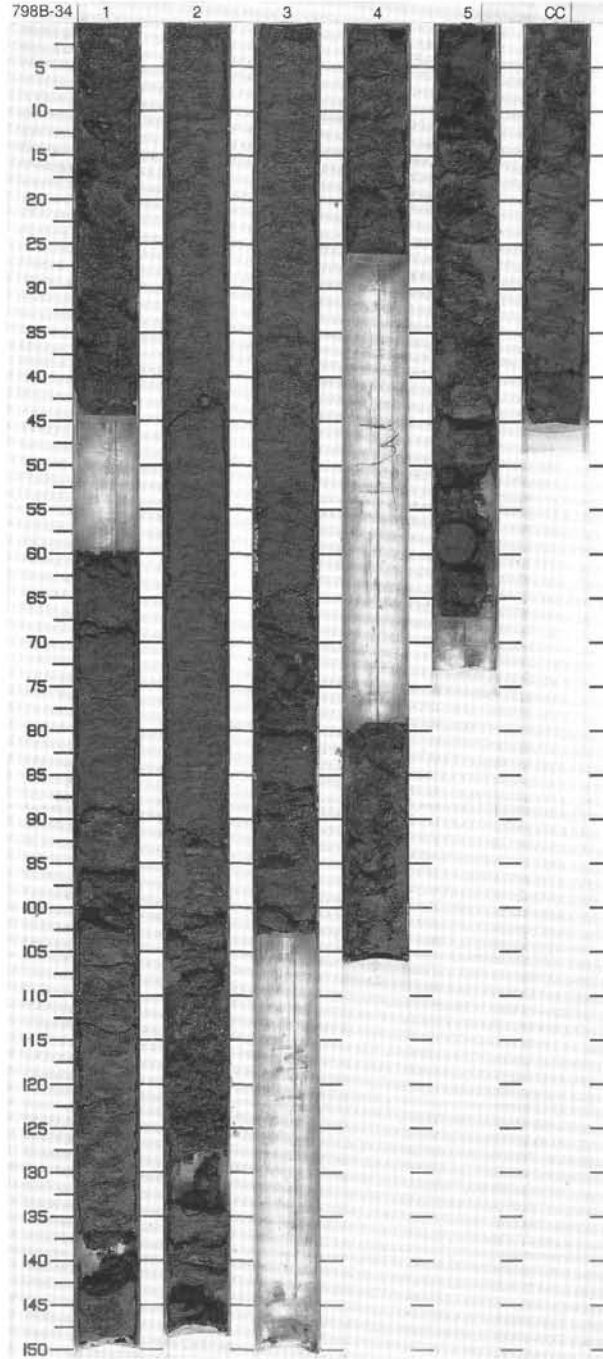
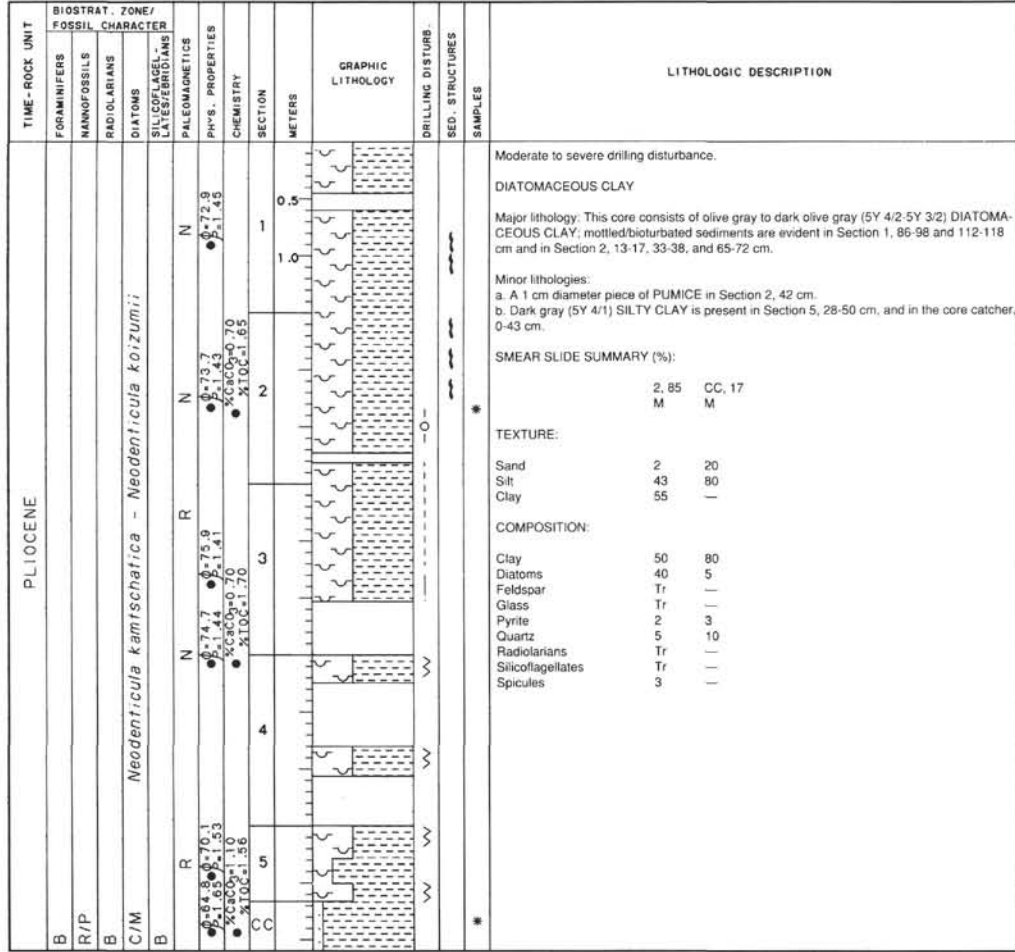
SITE 798 HOLE B CORE 32X CORED INTERVAL 1196.0-1205.7 mbsf; 296.0-305.7 mbsf

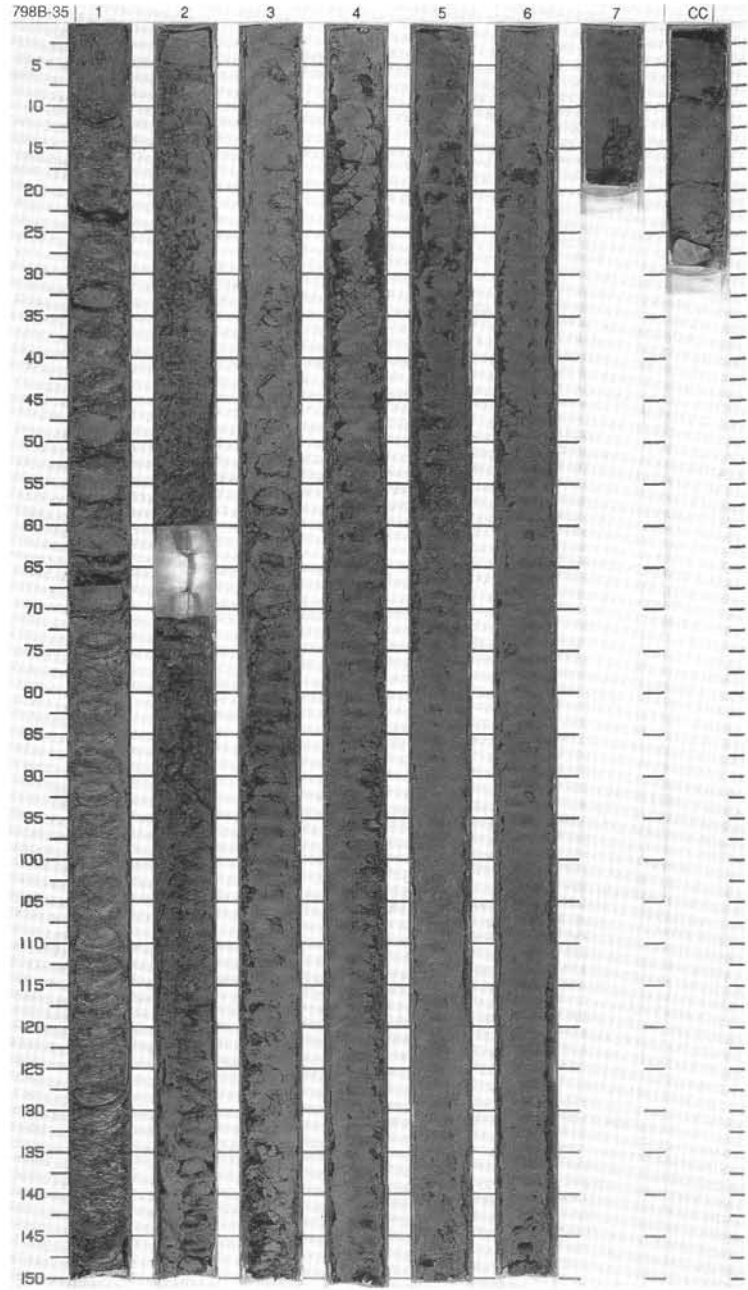
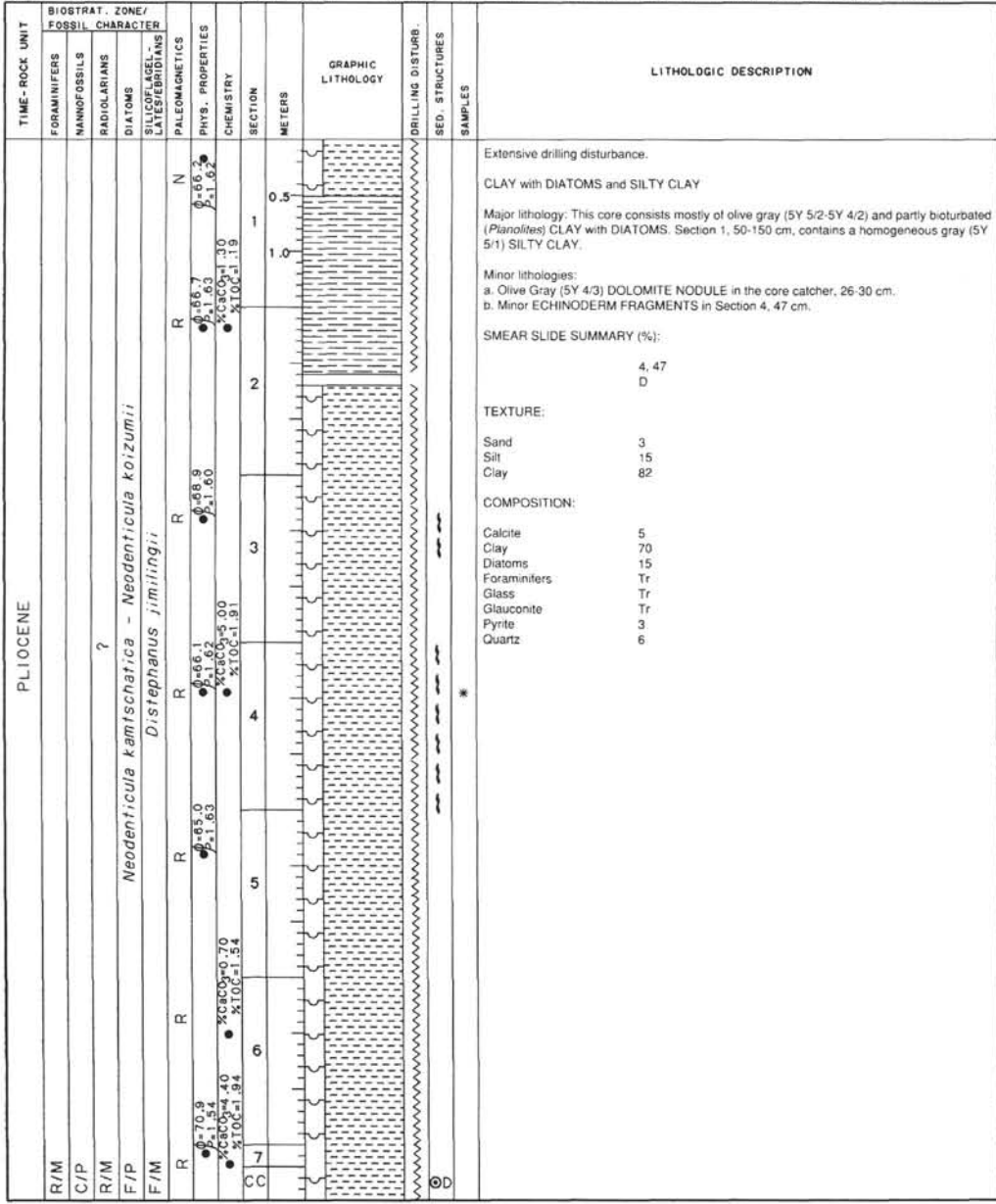






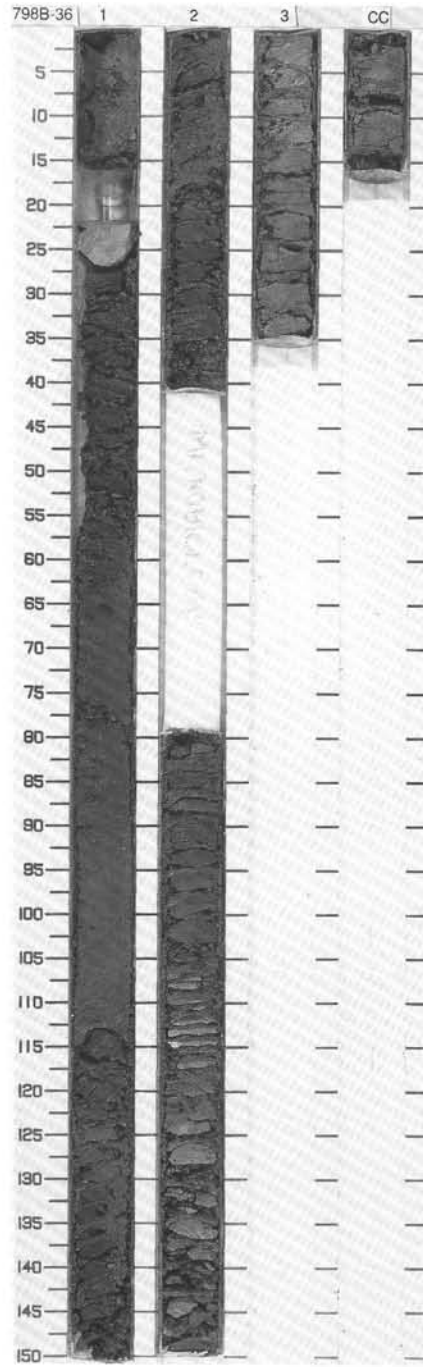
SITE 798 HOLE B CORE 34X CORED INTERVAL 1215.3-1225.0 mbsl: 315.3-325.0 mbsf





SITE 798 HOLE B CORE 36X CORED INTERVAL 1234.6-1244.3 mbsl; 334.6-344.3 mbsf

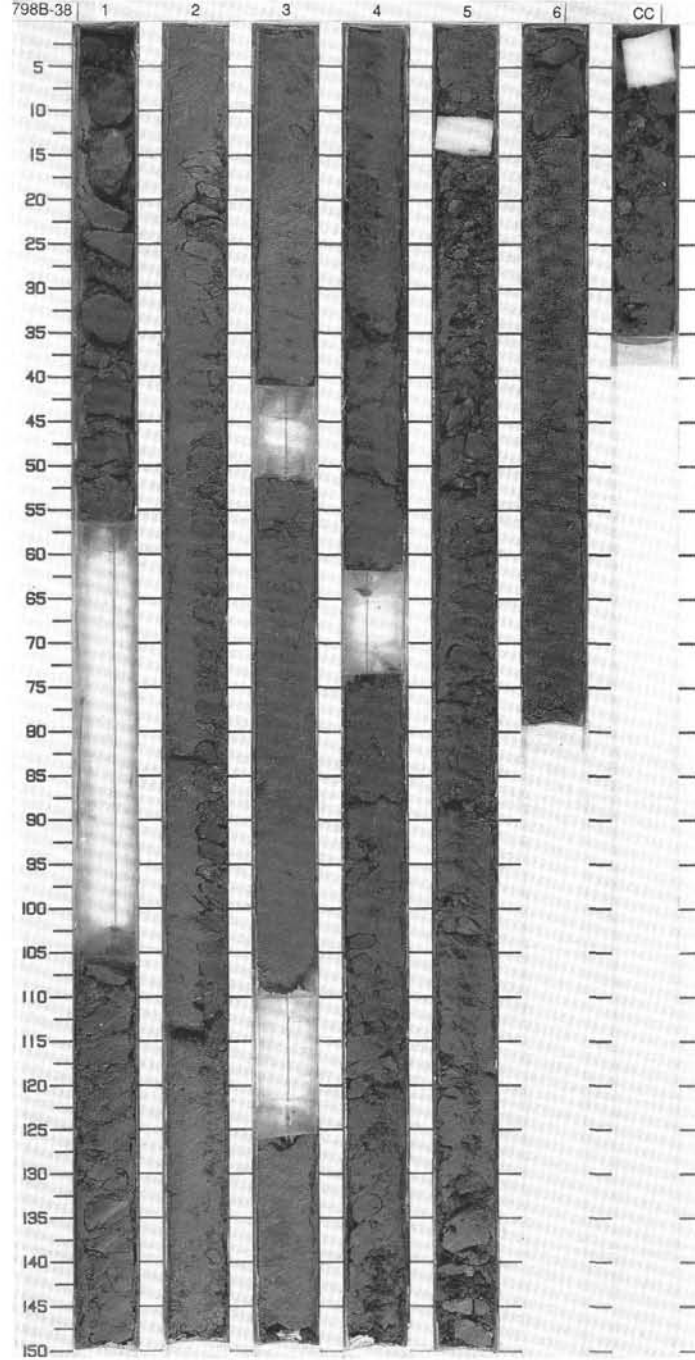
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																								
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									SILICOFAGEL- LATES/FRIDIANS	PALEOMAGNETICS	CHEMISTRY																																																					
PLIOCENE	B											<p>Extensive drilling disturbance.</p> <p>CLAY with DIATOMS</p> <p>Major lithology: This structurally and compositionally homogenous core consists of olive gray (5Y 4/2) CLAY with DIATOMS.</p> <p>Minor lithology: A large DOLOMITE CONCRETION with <i>Planolites</i> burrows is present in Section 1, 23-25 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 22</td> <td>1, 23</td> <td>2, 34</td> </tr> <tr> <td></td> <td>M</td> <td>M</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>3</td> <td>5</td> <td>1</td> </tr> <tr> <td>Silt</td> <td>12</td> <td>15</td> <td>20</td> </tr> <tr> <td>Clay</td> <td>85</td> <td>80</td> <td>79</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Calcite/Dolomite</td> <td>80</td> <td>77</td> <td>—</td> </tr> <tr> <td>Clay</td> <td>10</td> <td>5</td> <td>80</td> </tr> <tr> <td>Diatoms</td> <td>Tr</td> <td>5</td> <td>10</td> </tr> <tr> <td>Foraminifers</td> <td>3</td> <td>3</td> <td>—</td> </tr> <tr> <td>Opauques</td> <td>5</td> <td>8</td> <td>—</td> </tr> <tr> <td>Pyrite</td> <td>—</td> <td>—</td> <td>Tr</td> </tr> <tr> <td>Quartz</td> <td>Tr</td> <td>Tr</td> <td>10</td> </tr> <tr> <td>Silicoflagellates</td> <td>—</td> <td>—</td> <td>Tr</td> </tr> <tr> <td>Spicules</td> <td>2</td> <td>2</td> <td>Tr</td> </tr> </table>		1, 22	1, 23	2, 34		M	M	D	Sand	3	5	1	Silt	12	15	20	Clay	85	80	79	Calcite/Dolomite	80	77	—	Clay	10	5	80	Diatoms	Tr	5	10	Foraminifers	3	3	—	Opauques	5	8	—	Pyrite	—	—	Tr	Quartz	Tr	Tr	10	Silicoflagellates	—	—	Tr	Spicules	2	2	Tr
		1, 22	1, 23	2, 34																																																																
		M	M	D																																																																
	Sand	3	5	1																																																																
	Silt	12	15	20																																																																
Clay	85	80	79																																																																	
Calcite/Dolomite	80	77	—																																																																	
Clay	10	5	80																																																																	
Diatoms	Tr	5	10																																																																	
Foraminifers	3	3	—																																																																	
Opauques	5	8	—																																																																	
Pyrite	—	—	Tr																																																																	
Quartz	Tr	Tr	10																																																																	
Silicoflagellates	—	—	Tr																																																																	
Spicules	2	2	Tr																																																																	
B																																																																				
R/M				?																																																																
F/M				<i>Neodenticula kamischatica</i> - <i>Neodenticula koizumi</i>																																																																
F/M				<i>Distephanus jimlingii</i>																																																																



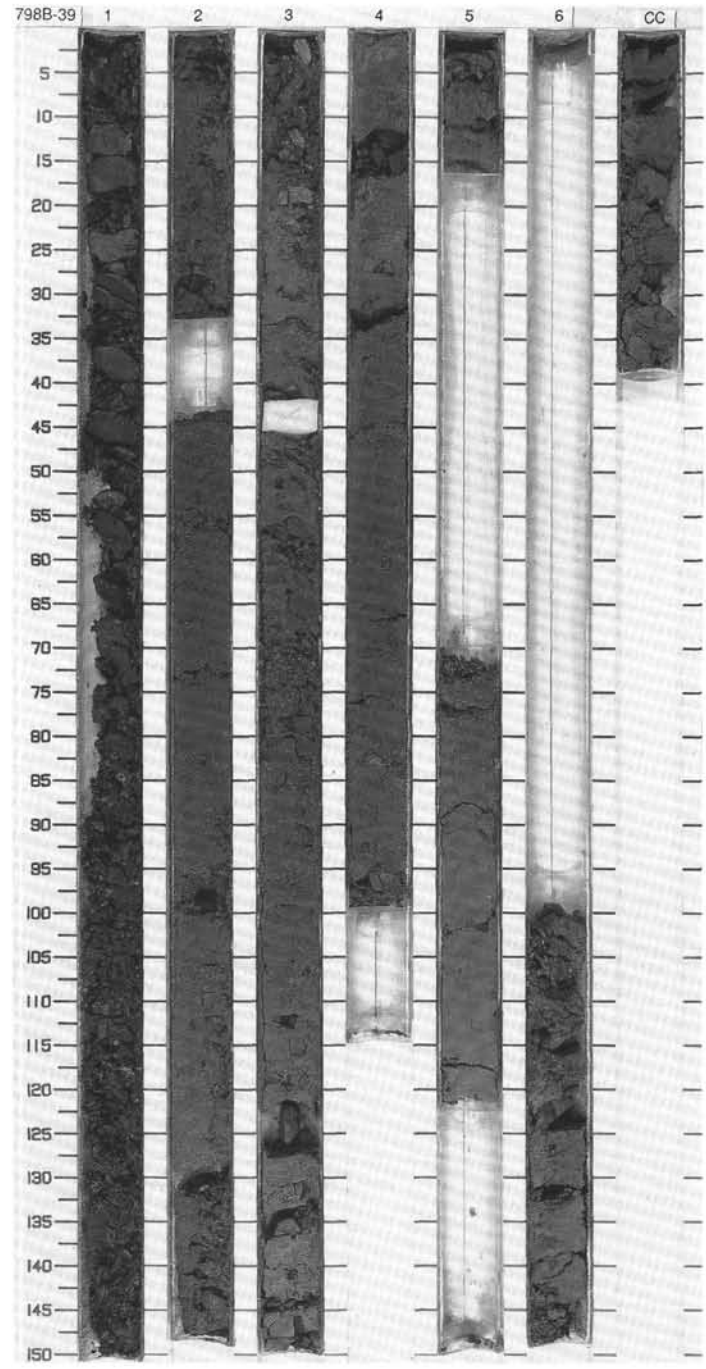
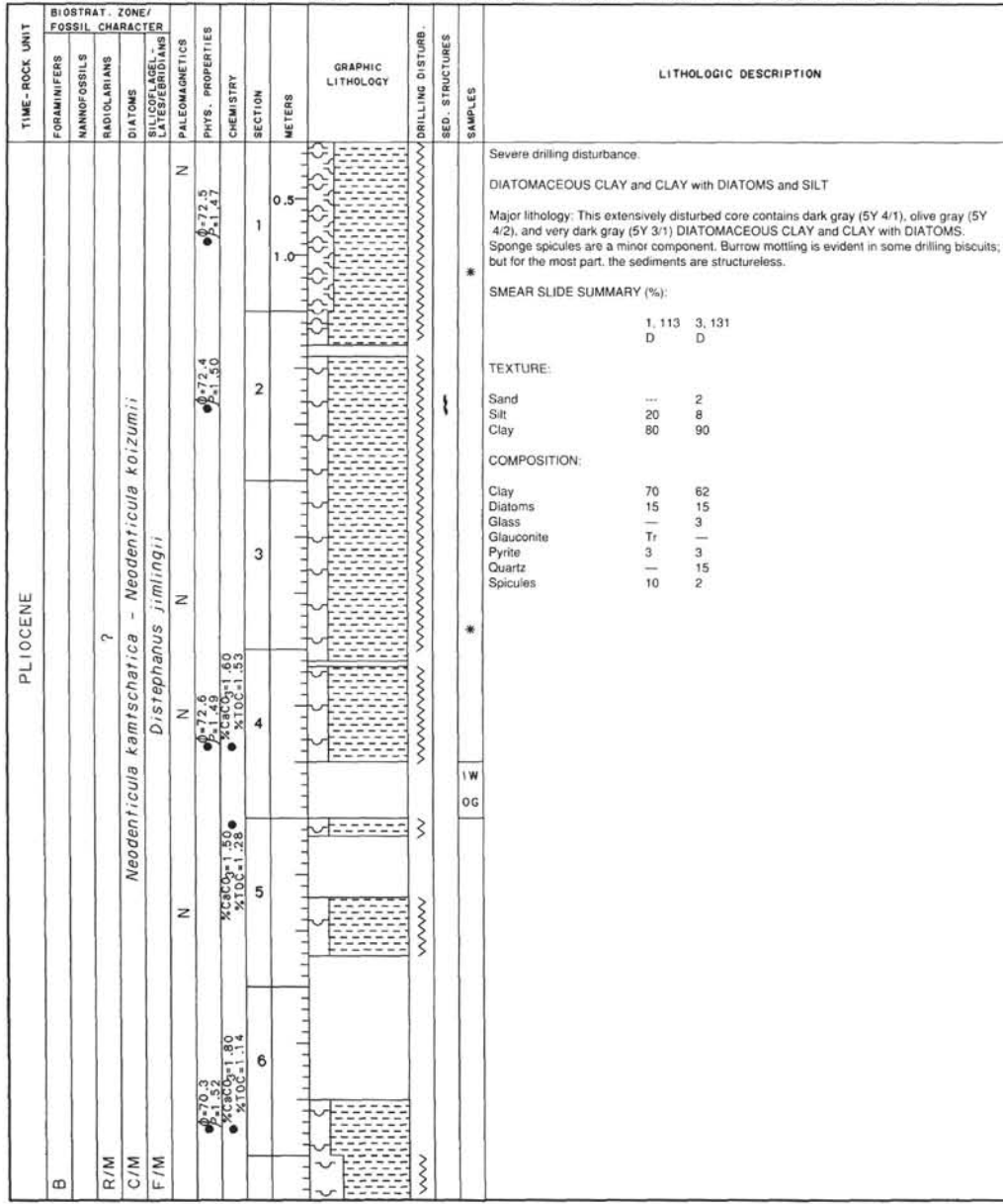


SITE 798 HOLE B CORE 38X CORED INTERVAL 1253.9-1263.6 mbsl; 353.9-363.6 mbsf

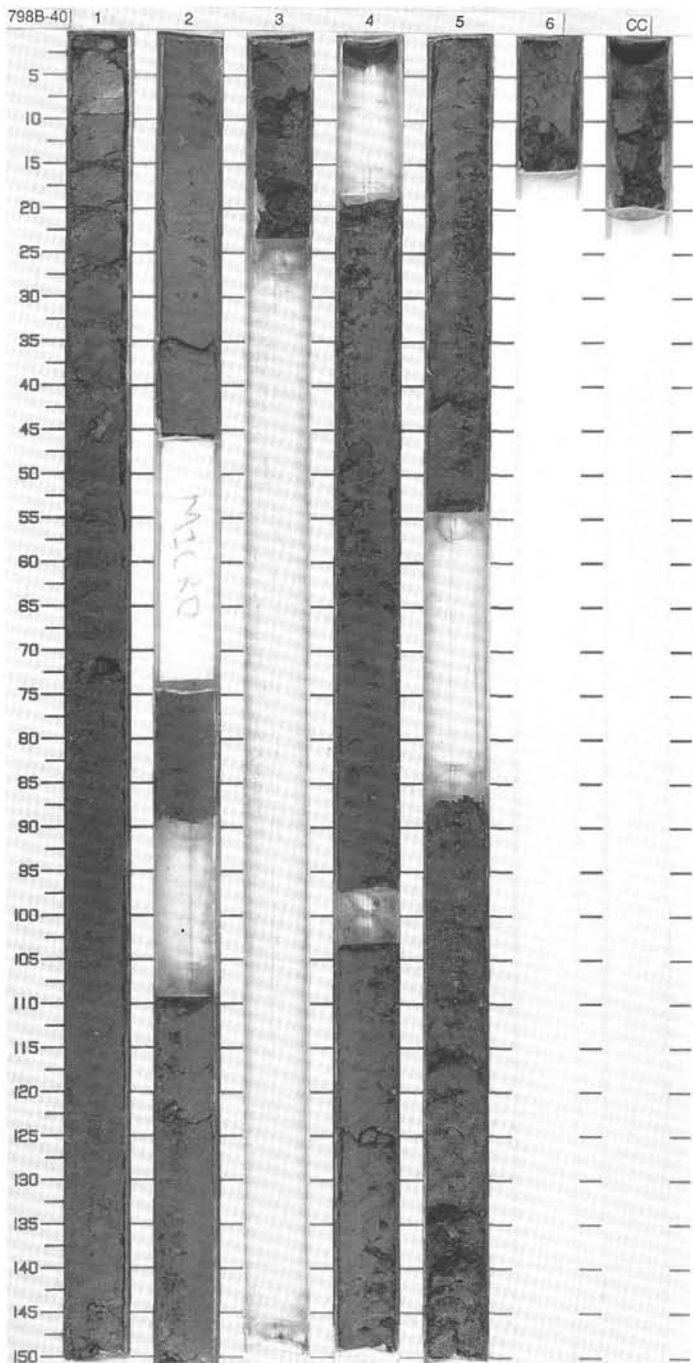
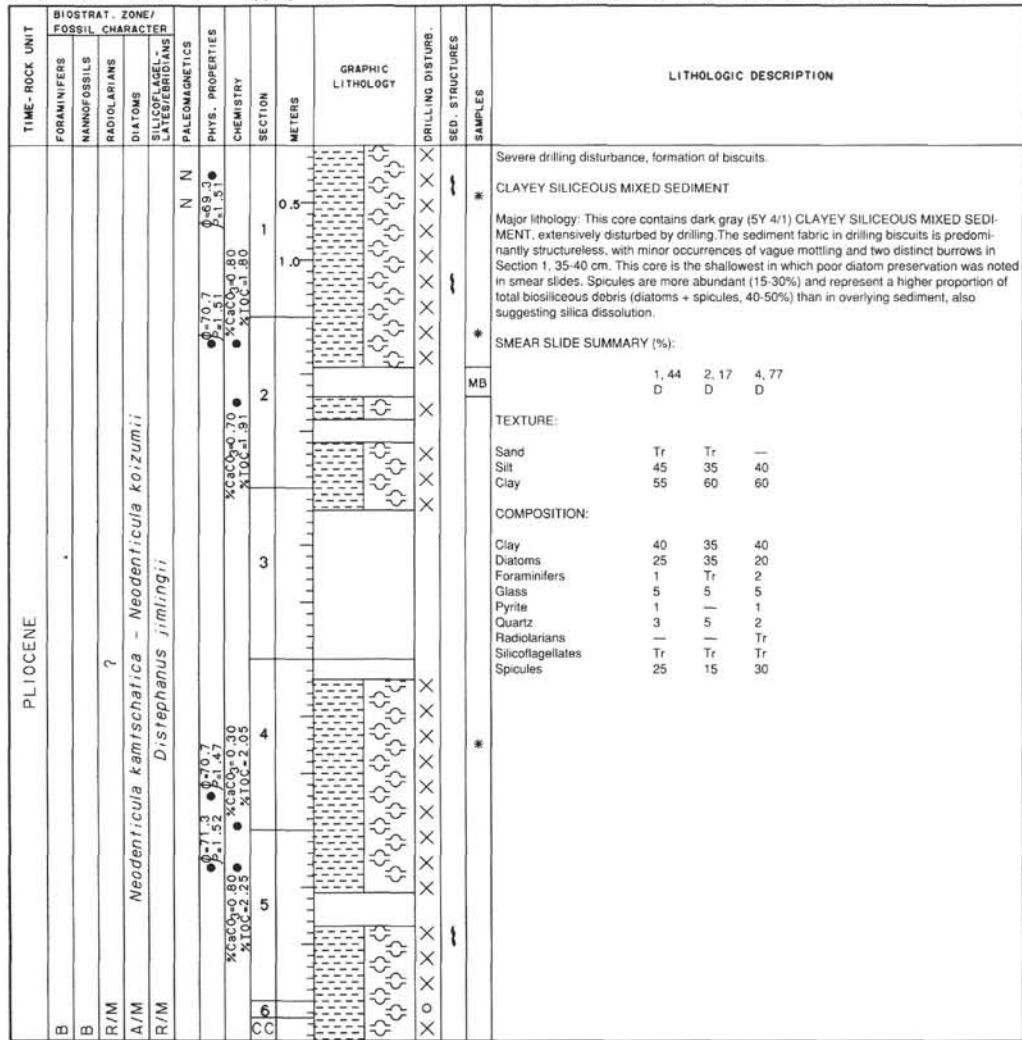
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																				
	FORAMINIFERS	MAMMOFOSSILS											RADIOLARIANS	DIATOMS	SILICOFLAGELLATE-LATES/BRIDGEMANS																																	
PLIOCENE	B											<p>Severe drilling disturbance.</p> <p>CLAY with DIATOMS, DIATOMACEOUS CLAY, and DIATOMACEOUS CLAYEY MIXED SEDIMENT</p> <p>Major lithology: This core contains olive gray (10Y 4/1-10Y 3.5/1) CLAY with DIATOMS, DIATOMACEOUS CLAY, and DIATOMACEOUS CLAYEY MIXED SEDIMENT. Trace amounts of phosphatic grains, silicoflagellates, and volcanic glass are also present in the core. Discrete burrows and extensive burrow mottling is evident in drilling biscuits.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>3.96</td> <td>5.71</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Silt</td> <td>10</td> <td>20</td> </tr> <tr> <td>Clay</td> <td>90</td> <td>80</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Clay</td> <td>65</td> <td>45</td> </tr> <tr> <td>Diatoms</td> <td>20</td> <td>35</td> </tr> <tr> <td>Glass</td> <td>2</td> <td>3</td> </tr> <tr> <td>Phosphate</td> <td>3</td> <td>Tr</td> </tr> <tr> <td>Pyrite</td> <td>—</td> <td>Tr</td> </tr> <tr> <td>Quartz</td> <td>10</td> <td>10</td> </tr> <tr> <td>Silicoflagellates</td> <td>Tr</td> <td>2</td> </tr> <tr> <td>Spicules</td> <td>Tr</td> <td>4</td> </tr> </table>		3.96	5.71	D	D	D	Silt	10	20	Clay	90	80	Clay	65	45	Diatoms	20	35	Glass	2	3	Phosphate	3	Tr	Pyrite	—	Tr	Quartz	10	10	Silicoflagellates	Tr	2	Spicules	Tr	4
		3.96	5.71																																													
	D	D	D																																													
	Silt	10	20																																													
	Clay	90	80																																													
	Clay	65	45																																													
Diatoms	20	35																																														
Glass	2	3																																														
Phosphate	3	Tr																																														
Pyrite	—	Tr																																														
Quartz	10	10																																														
Silicoflagellates	Tr	2																																														
Spicules	Tr	4																																														
B																																																
R/M		?																																														
A/M		<i>Neodenticula kamischatica - Neodenticula koizumii</i>																																														
F/M		<i>Distephanus jimlingii</i>																																														
N			N																																													
N			N																																													
N			N																																													
N			N																																													
N			N																																													
N			N																																													
CC																																																





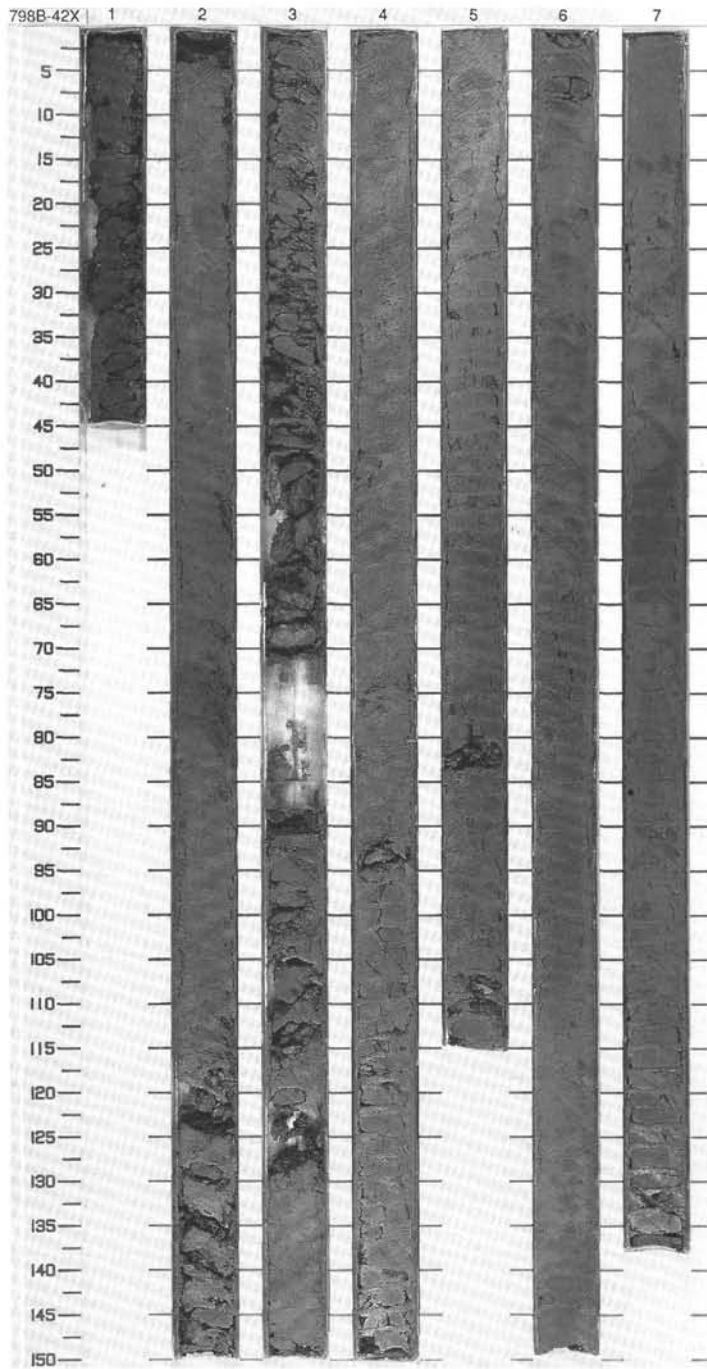
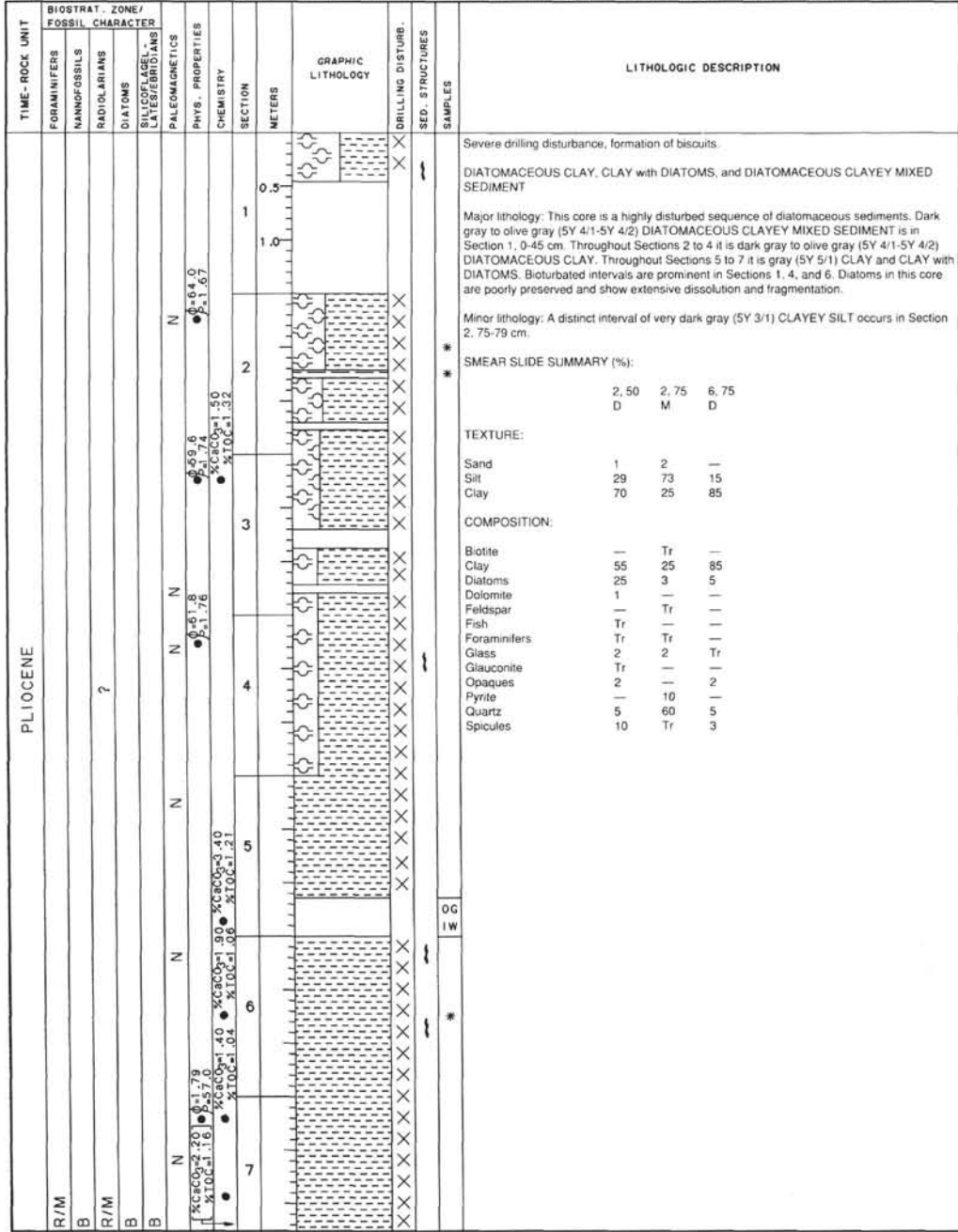


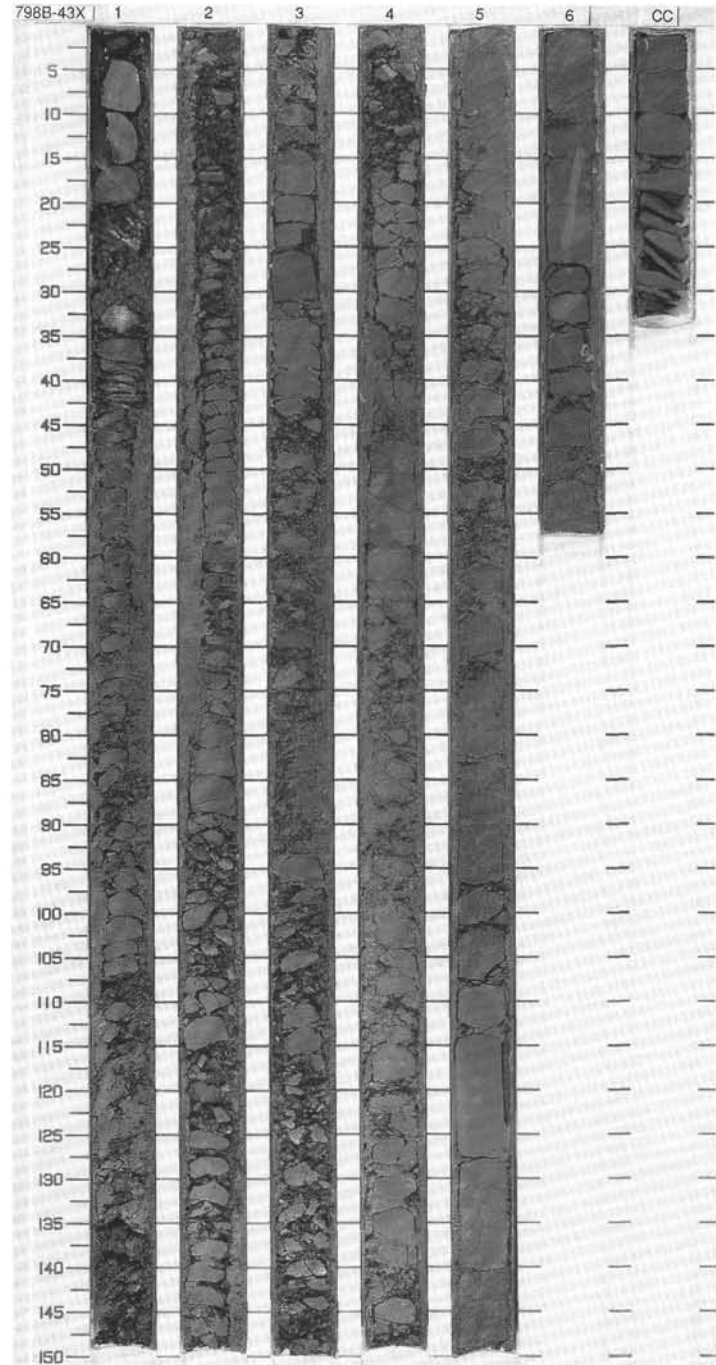
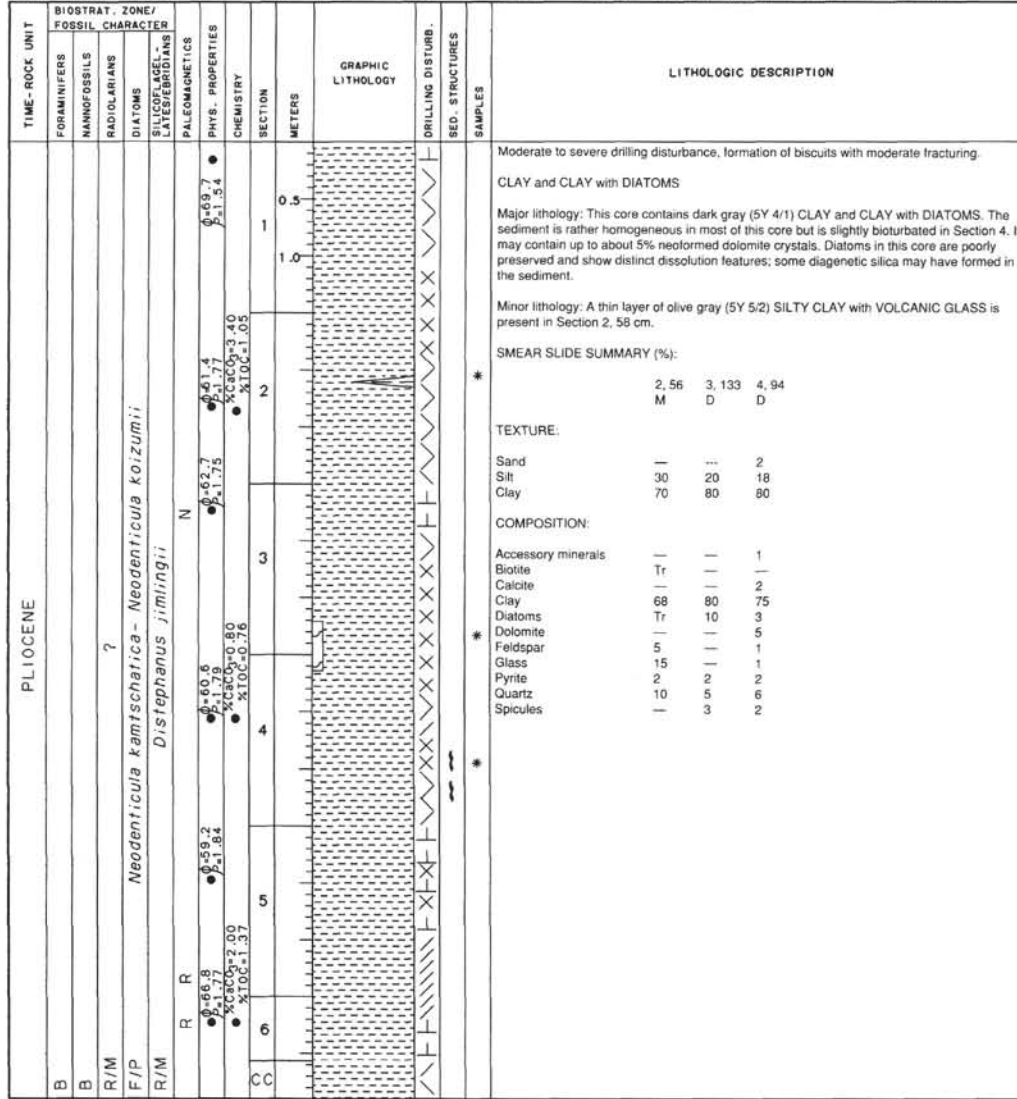
SITE 798 HOLE B CORE 40X CORED INTERVAL 1273.2-1282.9 mbsf; 373.2-382.9 mbsf





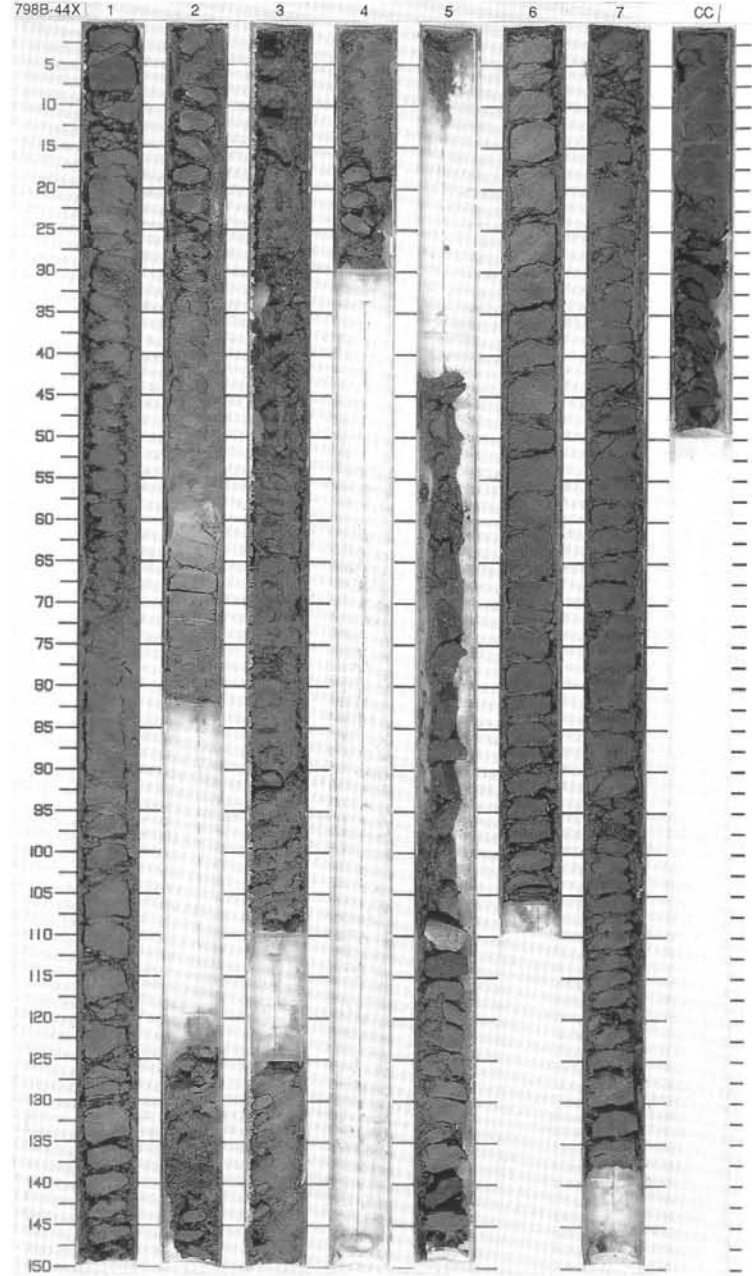
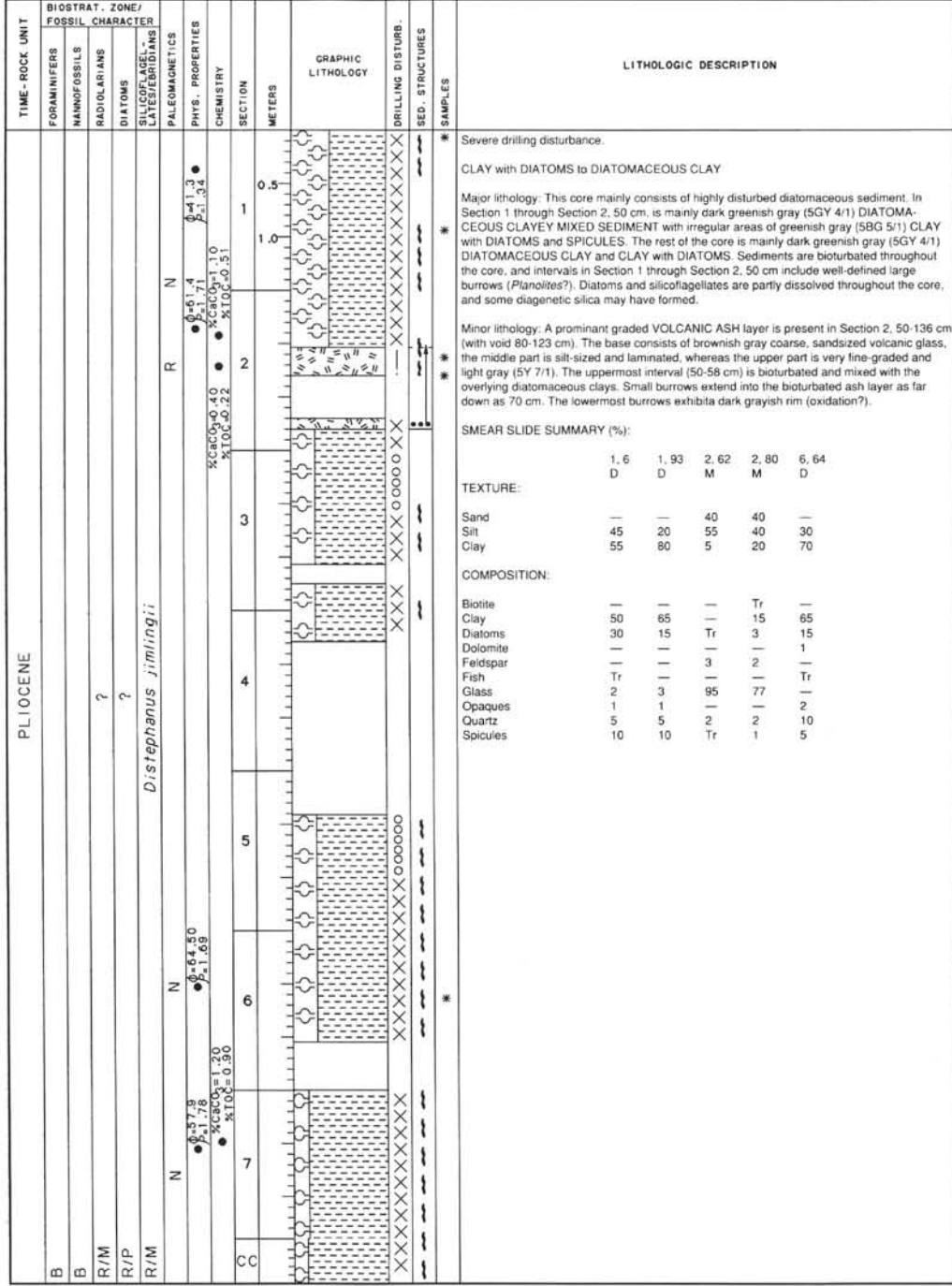
SITE 798 HOLE B CORE 42X CORED INTERVAL 1292.5-1302.2 mbsl; 392.5-402.2 mbsf



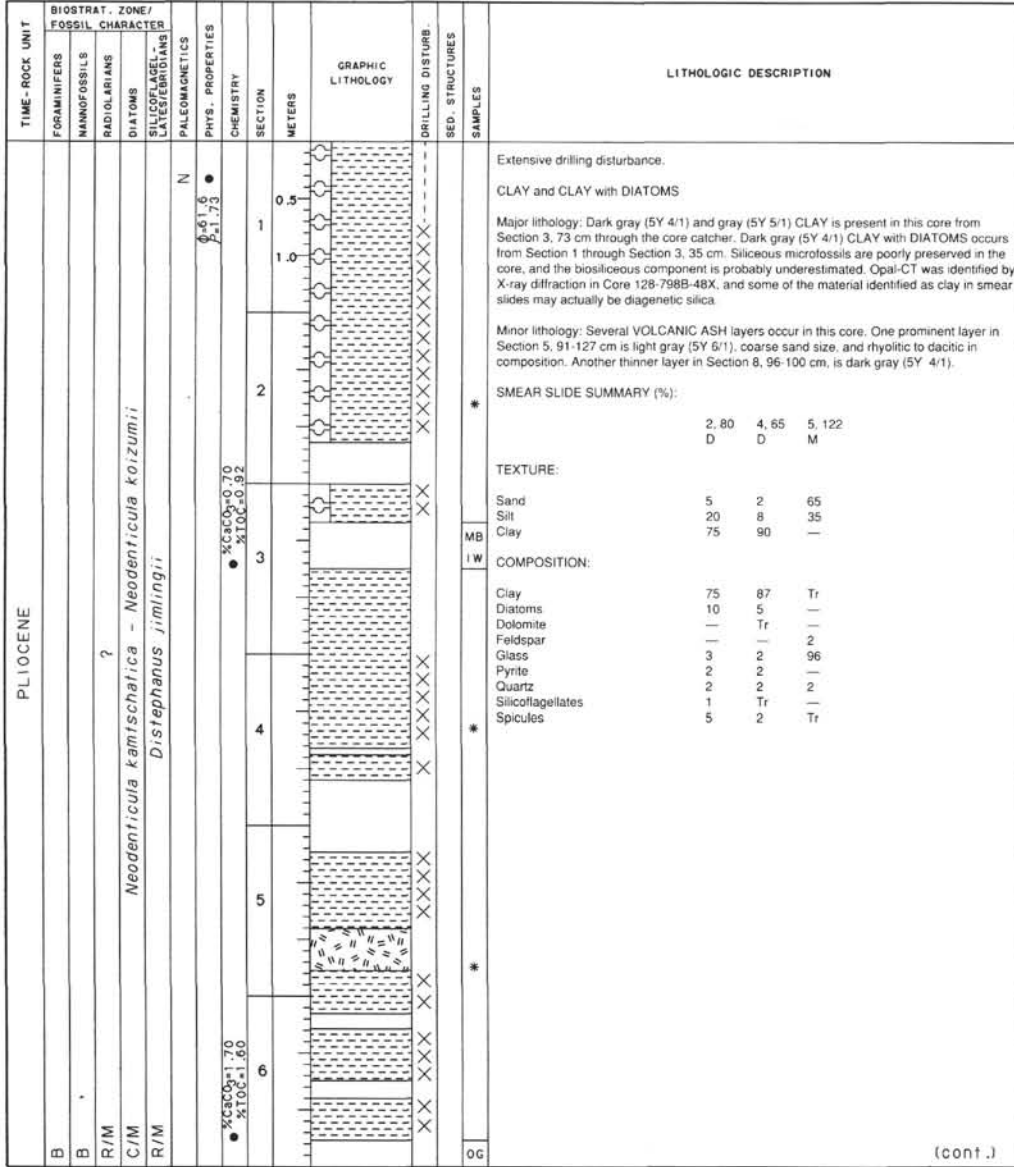




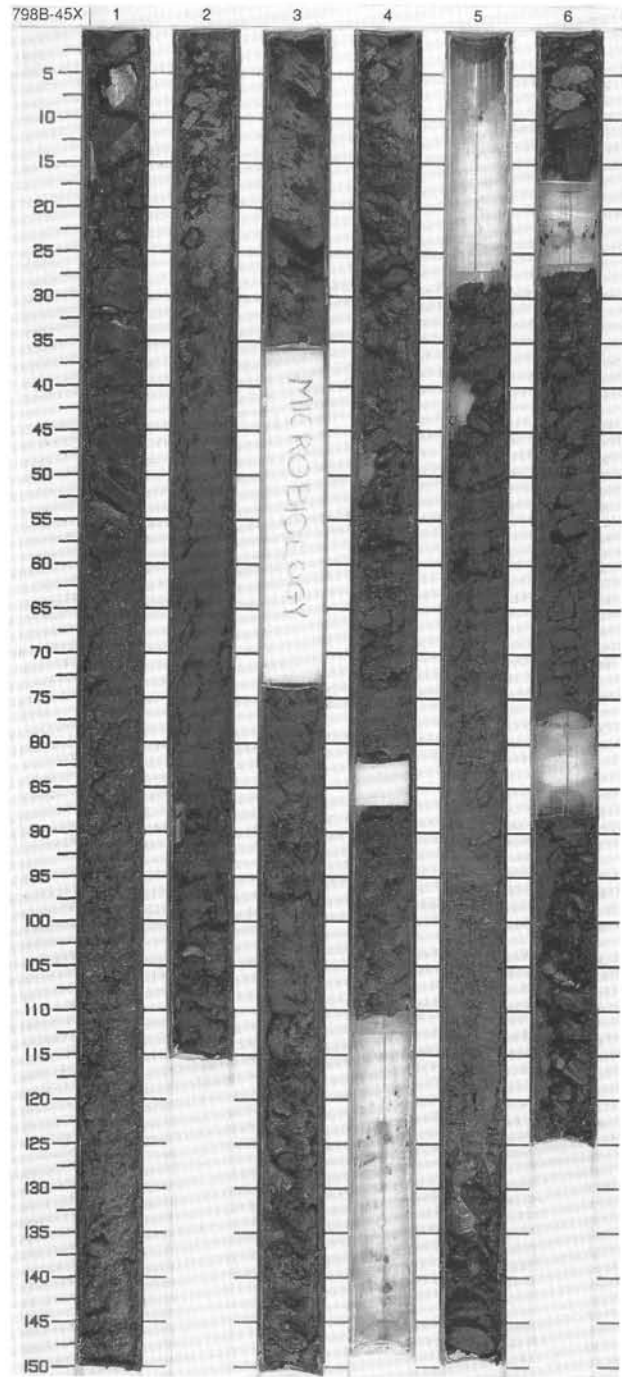
SITE 798 HOLE B CORE 44X CORED INTERVAL 1311.8-1321.5 mbsl; 411.8-421.5 mbsf



SITE 798 HOLE B CORE 45X CORED INTERVAL 1321.5-1331.1 mbsl; 421.5-431.1 mbsf

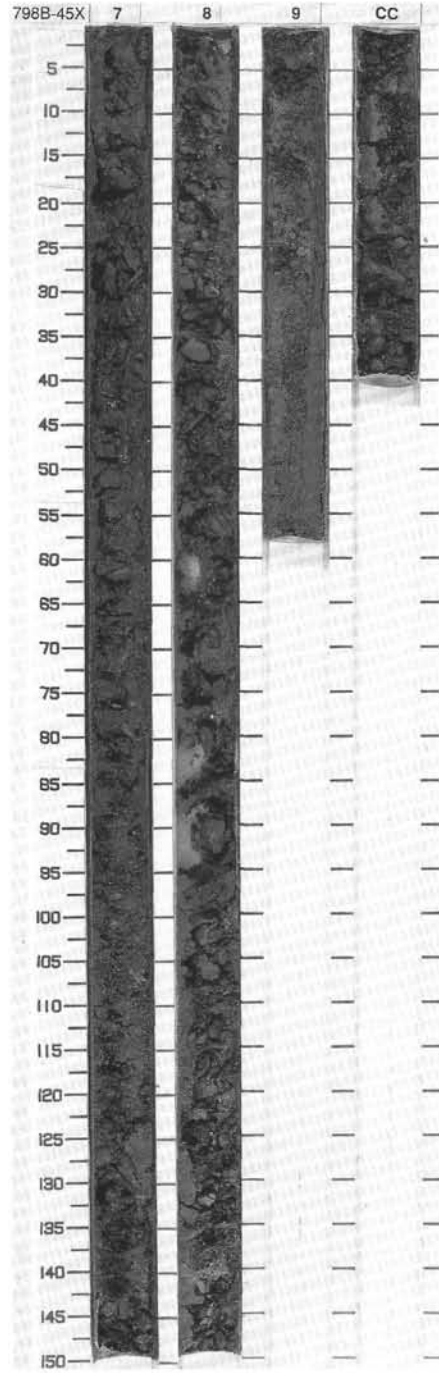


(cont.)

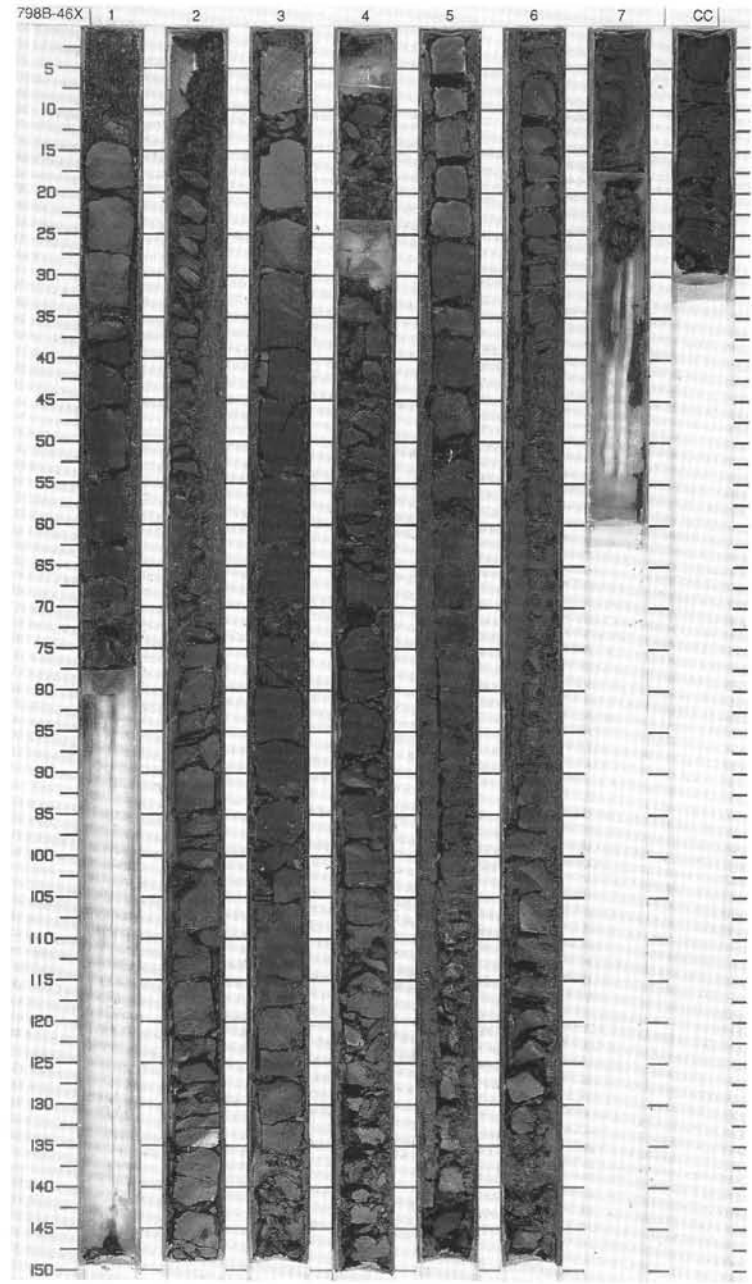


SITE 798 HOLE B CORE 45X CORED INTERVAL 1321.5-1331.1 mbsl; 421.5-431.1 mbsf

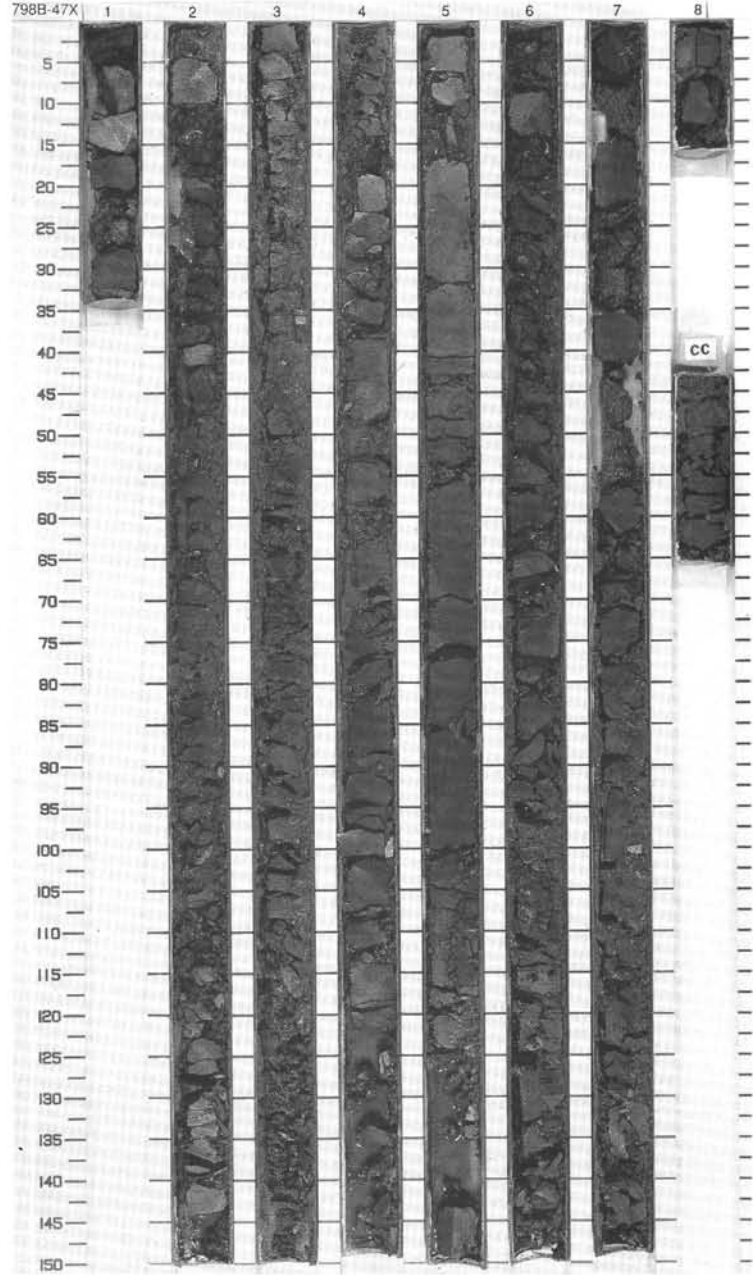
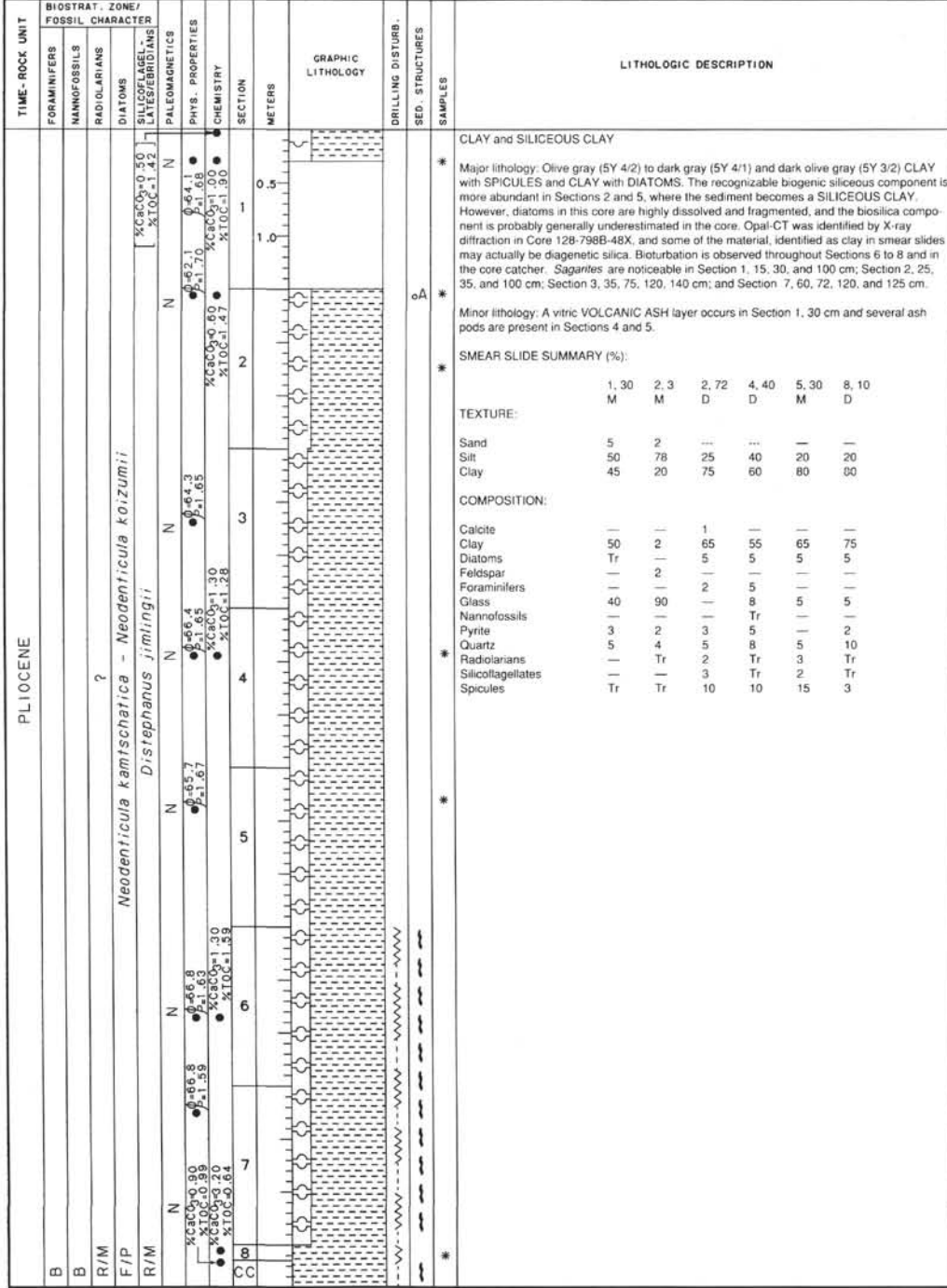
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONES	DIATOMS	SYNCHROSCAL LAVES/BRIOLANS	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
B									0.65-3.3	%CaCO <sub>3</sub> 1.0	7	0.5		XXXX			(cont.)
B									0.81	%CaCO <sub>3</sub> 1.0	7	1.0		XXXX			
R/M									3.2	%CaCO <sub>3</sub> 1.0	8			XXXX			
C/M											9			XXXX			
R/M											CC			XXXX			



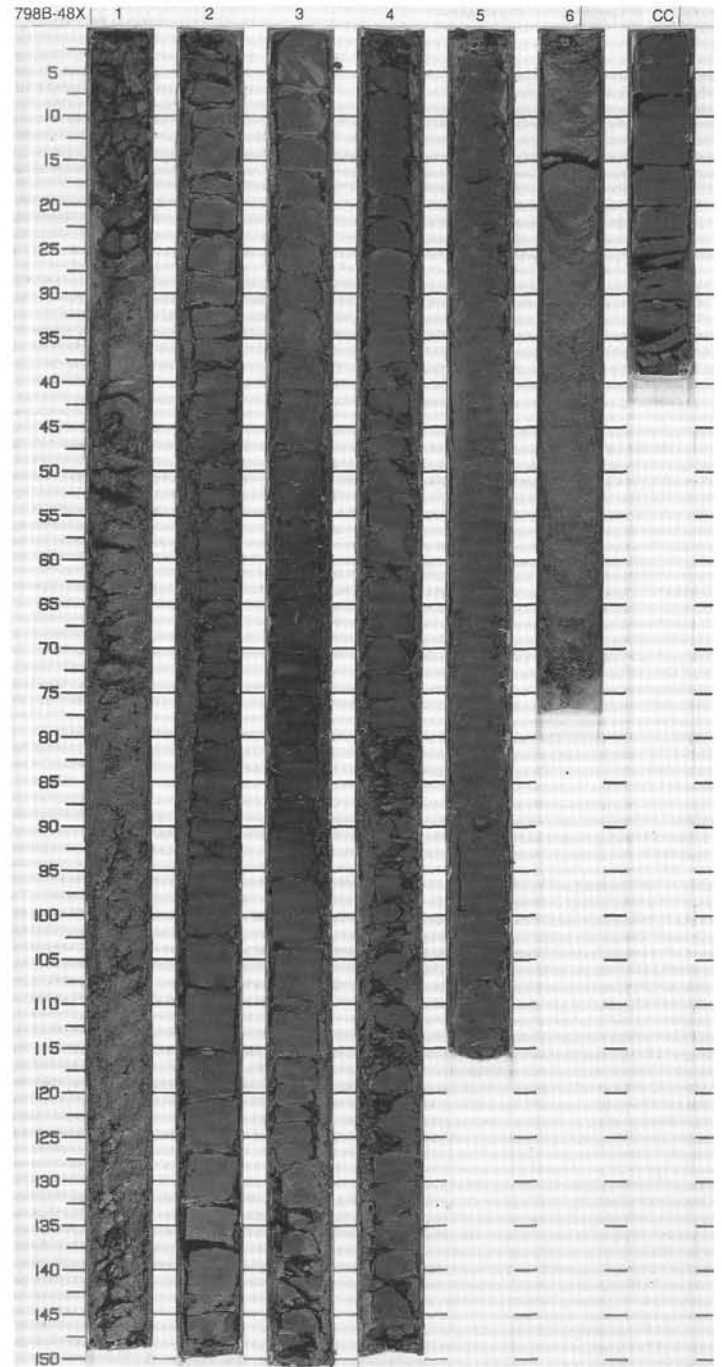
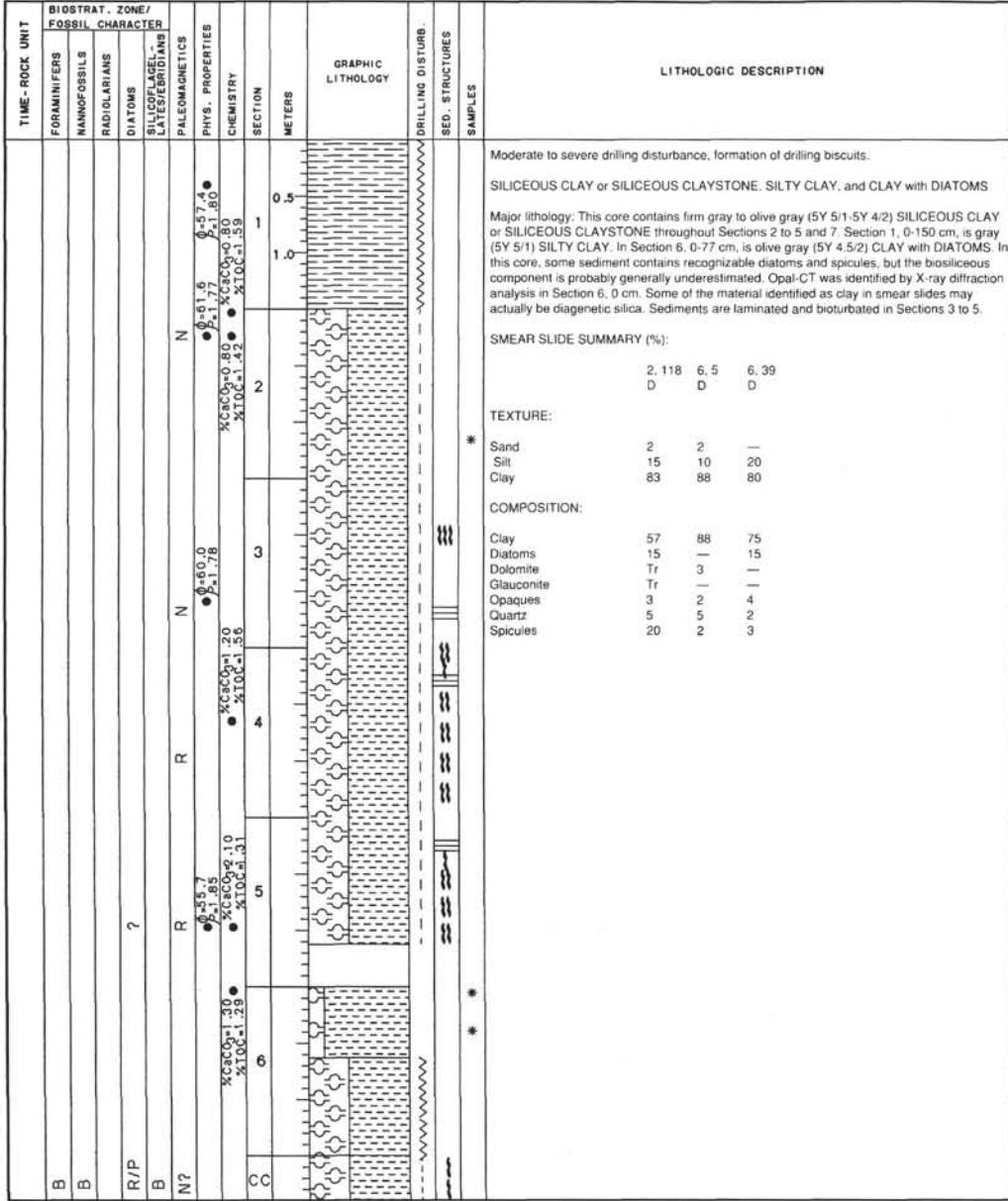
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
PLIOCENE														
B														
B														
R/M	?													
F/P	<i>Neodenticula kamtschatica - Neodenticula koizumii</i>													
R/M	<i>Distephanus jimlingii</i>													
					N	0-05.9 P=1.66	%CaCO <sub>3</sub> =0.70 %LOCS=1.55							
					N	0-02.2 P=1.71								
					N	0-03.6 P=1.77	%CaCO <sub>3</sub> =0.80 %LOCS=1.01							
					N	0-03.3 P=1.78								
					N	0-04.4 P=1.77	%CaCO <sub>3</sub> =0.50 %LOCS=1.58							
					N	0-01.5 P=1.86								
CC														



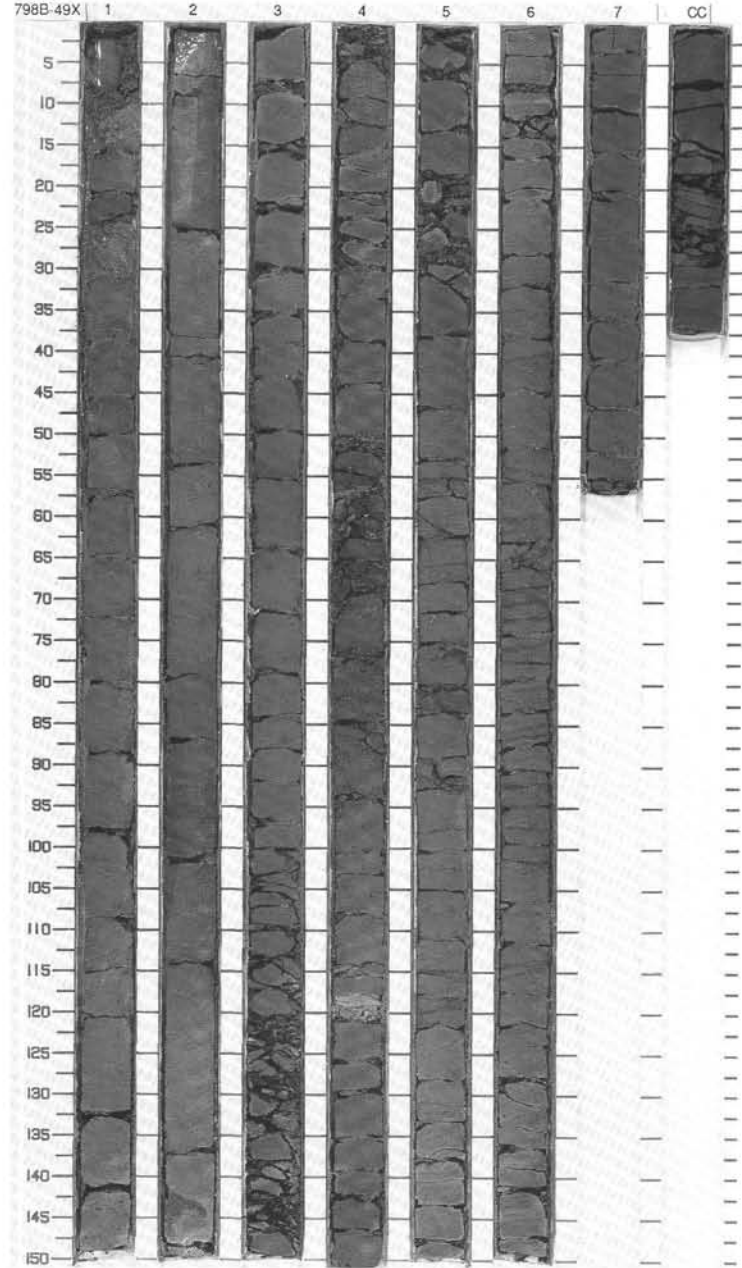
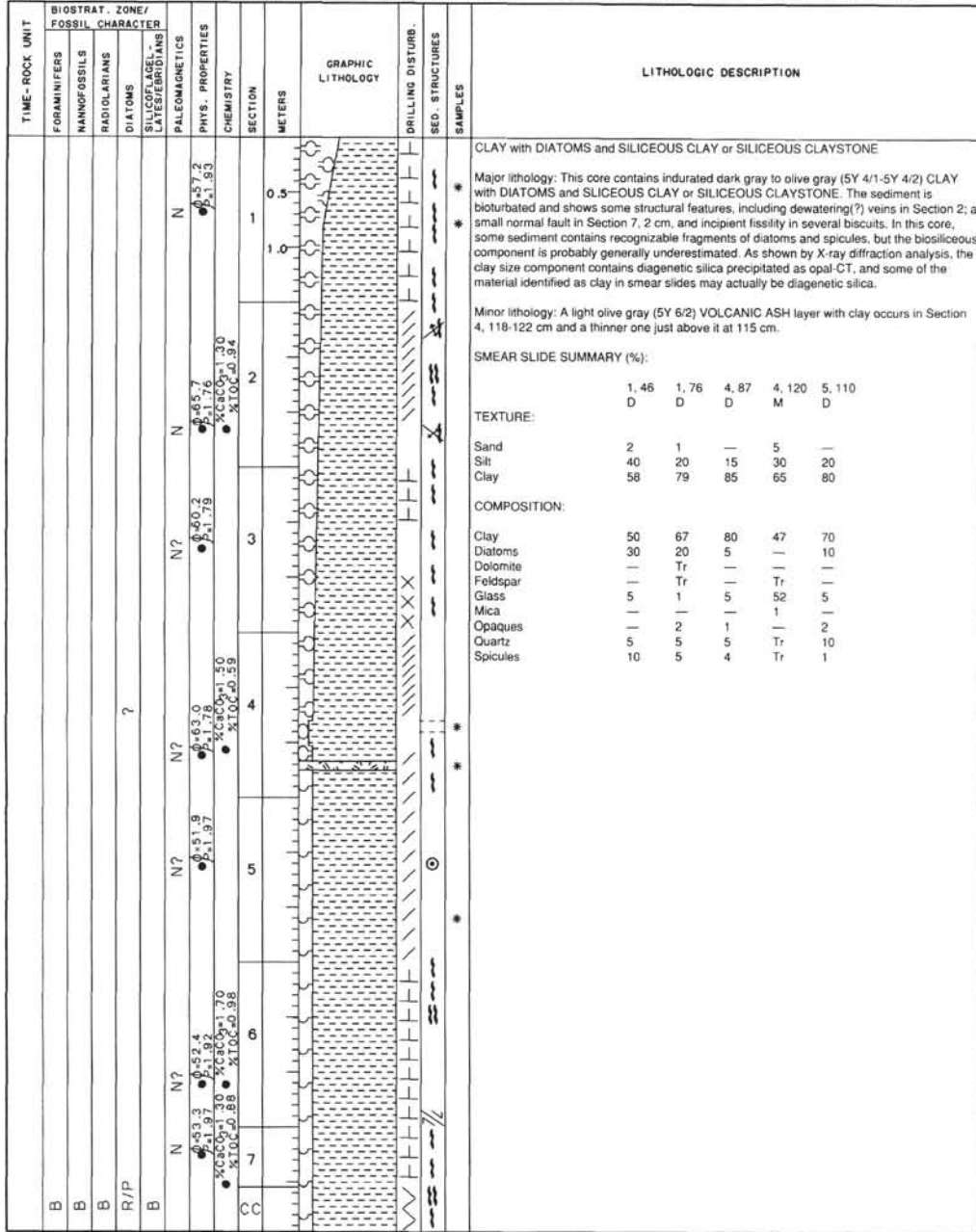
SITE 798 HOLE B CORE 47X CORED INTERVAL 1340.8-1350.4 mbsl; 440.8-450.4 mbsf



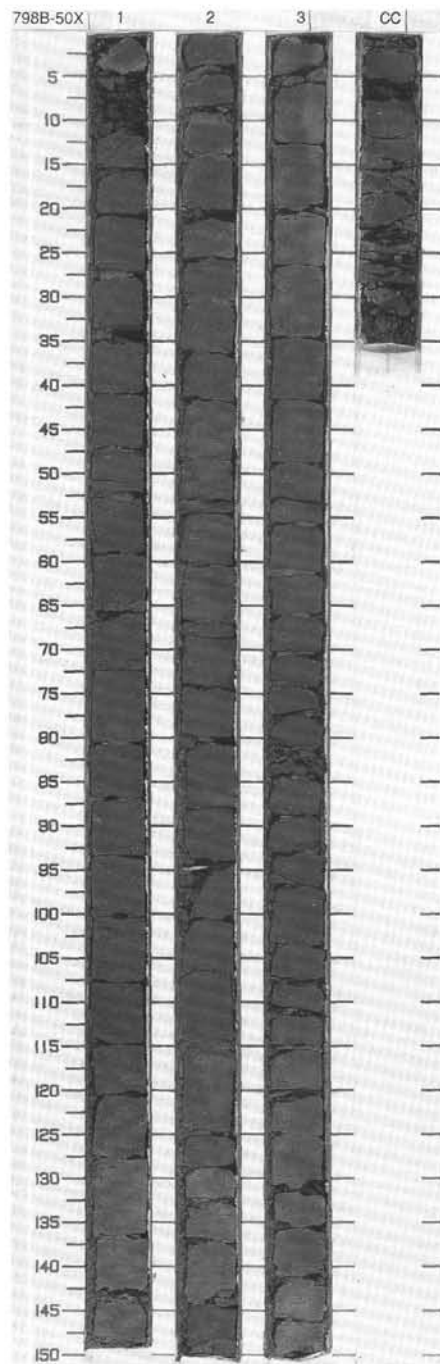




SITE 798 HOLE B CORE 49X CORED INTERVAL 1360.1-1369.3 mbsf; 460.1-469.7 mbsf

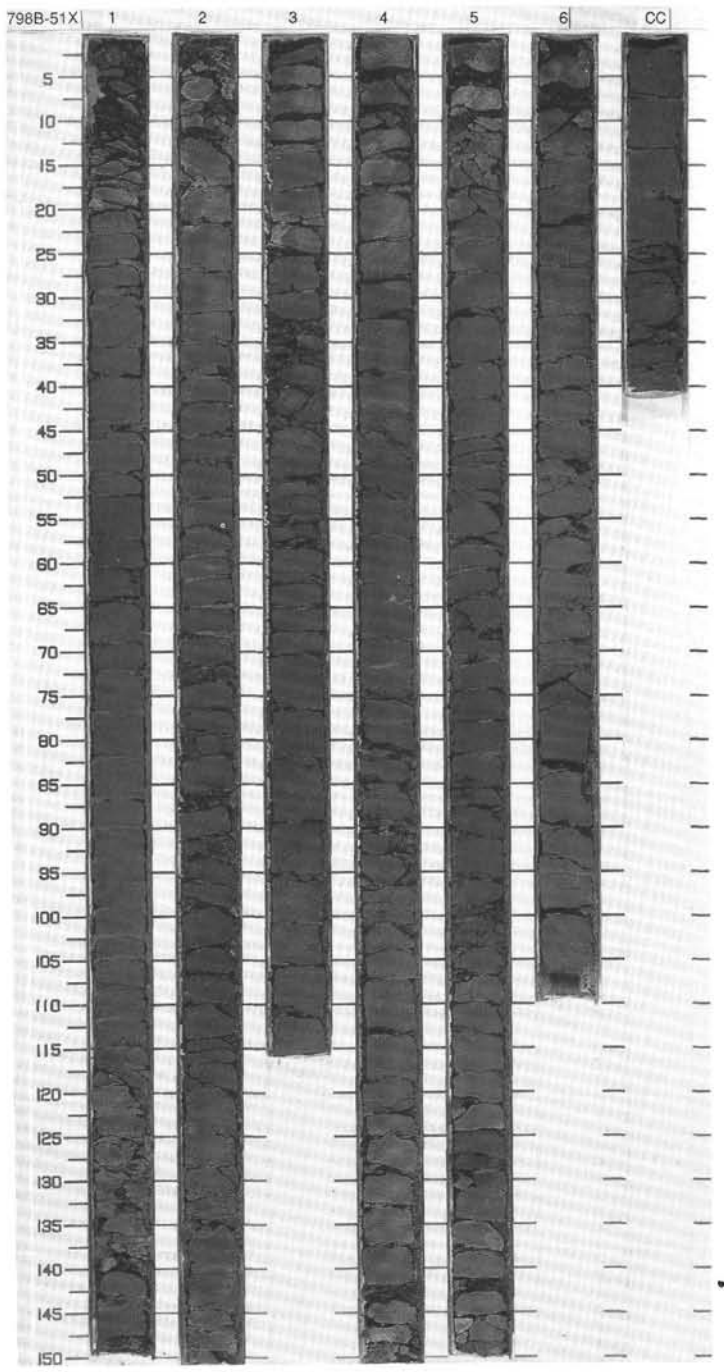


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS	SILICIFIED LATES/BIOTURBANS	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																				
B							N	5.5-5.5	0.70-1.01	1	0.5-1.0	▲▲▲▲▲▲▲▲				<p>SILICEOUS CLAYSTONE</p> <p>Major lithology: This core consists mainly of dark gray (5Y 4/1) or olive gray (5Y 4/2) indurated sediment interpreted as CLAYSTONE by smear-slide analysis but shown to be SILICEOUS CLAYSTONE by X-ray diffraction analysis which indicates that opal-CT has formed in the sediment. This indurated sediment shows extensive bioturbation in Section 2, 0-20 cm, and some <i>Saganites</i> fossil remnants in Sections 1 and 3 and core catcher. A few dark veins, likely to be water-escape structures, are present in Section 1, 41-47 cm, and Section 2, 80-88cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table> <tr> <td></td> <td>2, 116</td> <td>3, 39</td> </tr> <tr> <td></td> <td>M</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table> <tr> <td>Sand</td> <td>10</td> <td>—</td> </tr> <tr> <td>Silt</td> <td>10</td> <td>25</td> </tr> <tr> <td>Clay</td> <td>80</td> <td>75</td> </tr> </table> <p>COMPOSITION:</p> <table> <tr> <td>Calcite/Dolomite</td> <td>—</td> <td>5</td> </tr> <tr> <td>Clay</td> <td>88</td> <td>70</td> </tr> <tr> <td>Fish</td> <td>—</td> <td>Tr</td> </tr> <tr> <td>Glass</td> <td>—</td> <td>1</td> </tr> <tr> <td>Opales</td> <td>2</td> <td>2</td> </tr> <tr> <td>Quartz</td> <td>10</td> <td>20</td> </tr> <tr> <td>Spicules</td> <td>Tr</td> <td>—</td> </tr> </table>		2, 116	3, 39		M	D	Sand	10	—	Silt	10	25	Clay	80	75	Calcite/Dolomite	—	5	Clay	88	70	Fish	—	Tr	Glass	—	1	Opales	2	2	Quartz	10	20	Spicules	Tr	—
	2, 116	3, 39																																																		
	M	D																																																		
Sand	10	—																																																		
Silt	10	25																																																		
Clay	80	75																																																		
Calcite/Dolomite	—	5																																																		
Clay	88	70																																																		
Fish	—	Tr																																																		
Glass	—	1																																																		
Opales	2	2																																																		
Quartz	10	20																																																		
Spicules	Tr	—																																																		
B							N	5.5-5.5	0.70-1.01	2	0.5-1.0	▲▲▲▲▲▲▲▲																																								
B							R?	5.5-5.5	0.70-1.01	3	0.5-1.0	▲▲▲▲▲▲▲▲																																								
CC																																																				

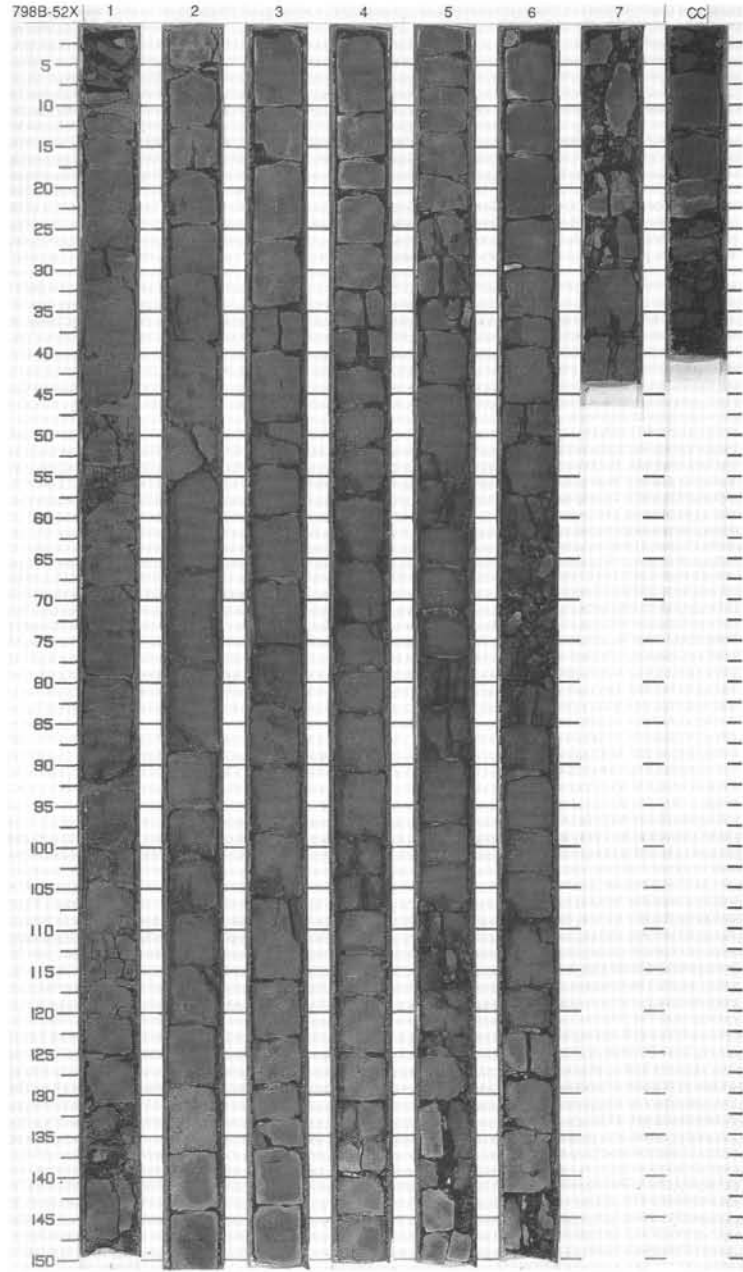


SITE 798 HOLE B CORE 51X CORED INTERVAL 1379.0-1389.4 mbsl; 479.4-489.0 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																										
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																																			
B					N			0.5-1.2	▲▲▲▲▲				<b>SILICEOUS CLAYSTONE</b>  Major lithology: This core consists of olive gray to dark gray (5Y 4/2-5Y 4/1) SILICEOUS CLAYSTONE. Note that smear slides show mainly clay, but X-ray diffraction analysis confirms that opal-CT is generally present in these sediments. The core is extensively bioturbated, with burrows probably of <i>Teichichnus</i> type present in Section 4, 30 cm, Section 6, 100-105 cm, and core catcher, 5 cm.  Minor lithology: Coarse sand layers, reworked by bioturbation, occur in Section 2, 140-141 cm, and Section 4, 39-47 cm.  SMEAR SLIDE SUMMARY (%):  <table border="1"> <tr> <td></td> <td>4, 45</td> <td>CC, 36</td> </tr> <tr> <td></td> <td>M</td> <td>D</td> </tr> </table> TEXTURE:  <table border="1"> <tr> <td>Sand</td> <td>40</td> <td>—</td> </tr> <tr> <td>Silt</td> <td>40</td> <td>20</td> </tr> <tr> <td>Clay</td> <td>20</td> <td>80</td> </tr> </table> COMPOSITION:  <table border="1"> <tr> <td>Clay</td> <td>15</td> <td>78</td> </tr> <tr> <td>Dolomite</td> <td>Tr</td> <td>5</td> </tr> <tr> <td>Feldspar</td> <td>7</td> <td>Tr</td> </tr> <tr> <td>Glass</td> <td>Tr</td> <td>—</td> </tr> <tr> <td>Glaucconite</td> <td>1</td> <td>2</td> </tr> <tr> <td>Mica</td> <td>Tr</td> <td>—</td> </tr> <tr> <td>Opalques</td> <td>15</td> <td>5</td> </tr> <tr> <td>Pyrite</td> <td>2</td> <td>—</td> </tr> <tr> <td>Quartz</td> <td>60</td> <td>10</td> </tr> </table>		4, 45	CC, 36		M	D	Sand	40	—	Silt	40	20	Clay	20	80	Clay	15	78	Dolomite	Tr	5	Feldspar	7	Tr	Glass	Tr	—	Glaucconite	1	2	Mica	Tr	—	Opalques	15	5	Pyrite	2	—	Quartz	60	10
	4, 45	CC, 36																																																					
	M	D																																																					
Sand	40	—																																																					
Silt	40	20																																																					
Clay	20	80																																																					
Clay	15	78																																																					
Dolomite	Tr	5																																																					
Feldspar	7	Tr																																																					
Glass	Tr	—																																																					
Glaucconite	1	2																																																					
Mica	Tr	—																																																					
Opalques	15	5																																																					
Pyrite	2	—																																																					
Quartz	60	10																																																					
B					N		1.0-1.90	▲▲▲▲▲																																															
B					N		1.90-5.0	▲▲▲▲▲																																															
B					N		5.0-11.87	▲▲▲▲▲																																															
B					N		11.87-51.0	▲▲▲▲▲																																															
					N		51.0-54.2	▲▲▲▲▲																																															
					N		54.2-70	▲▲▲▲▲																																															
					N		70-80	▲▲▲▲▲																																															
					N		80-146	▲▲▲▲▲																																															
					N?		146-180	▲▲▲▲▲																																															
					N		180-230	▲▲▲▲▲																																															
					N		230-300	▲▲▲▲▲																																															
CC							300-315	▲▲▲▲▲																																															

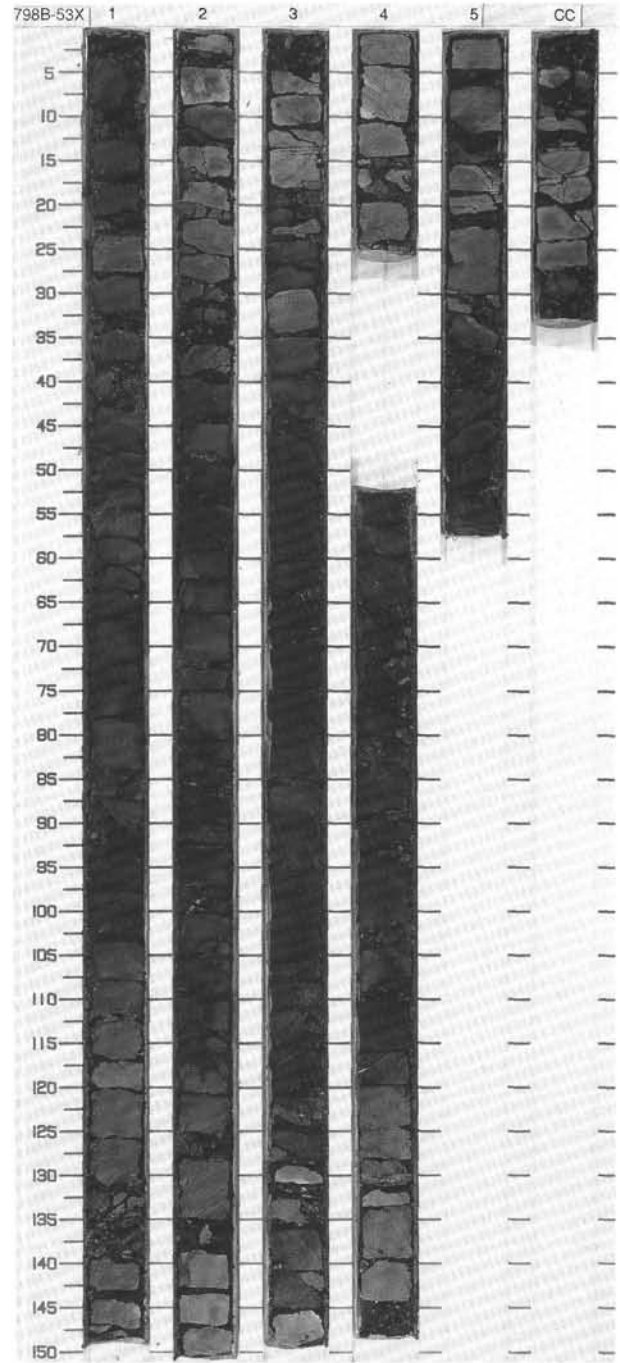
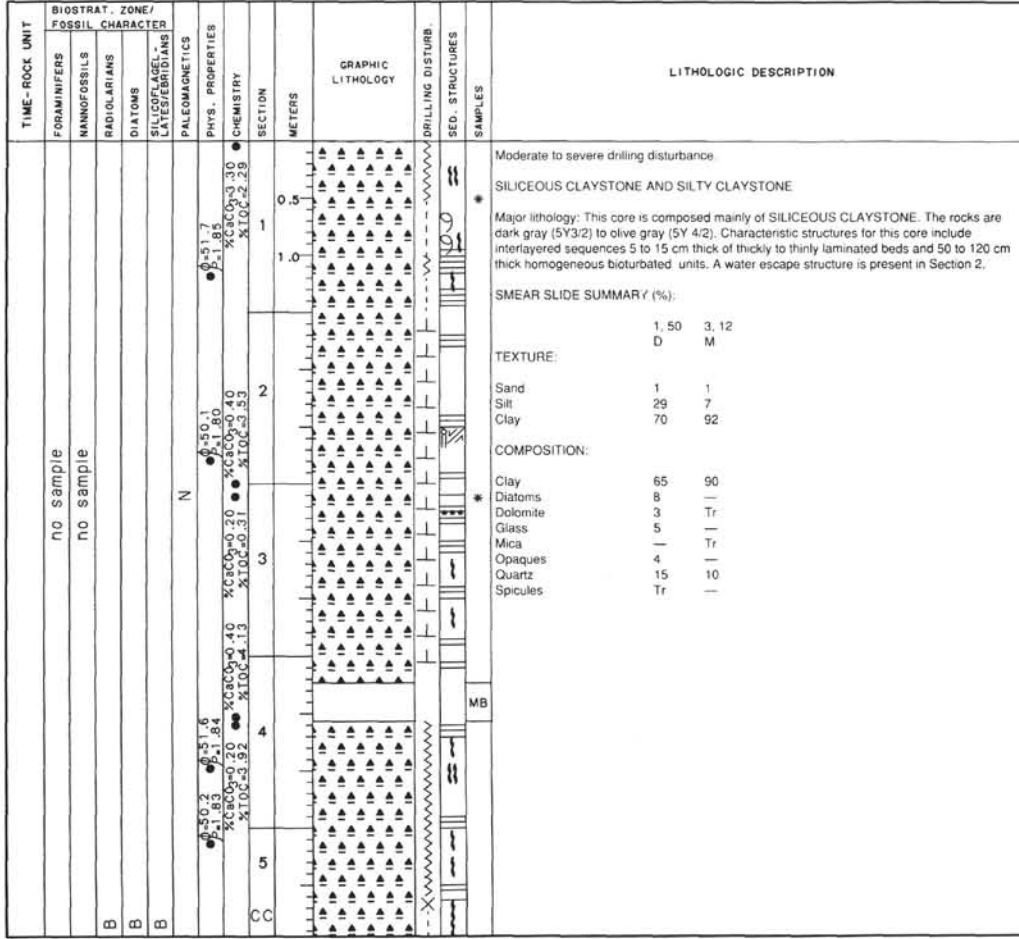


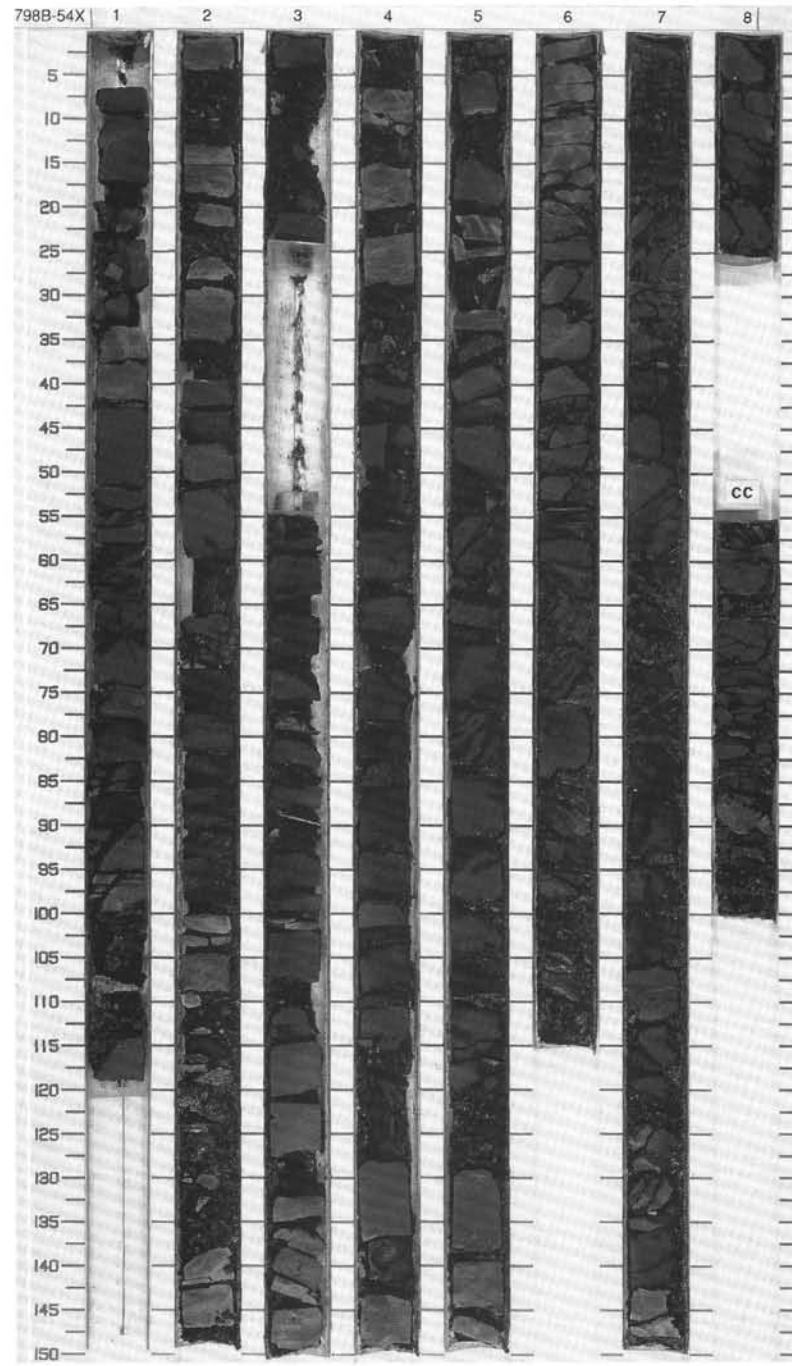
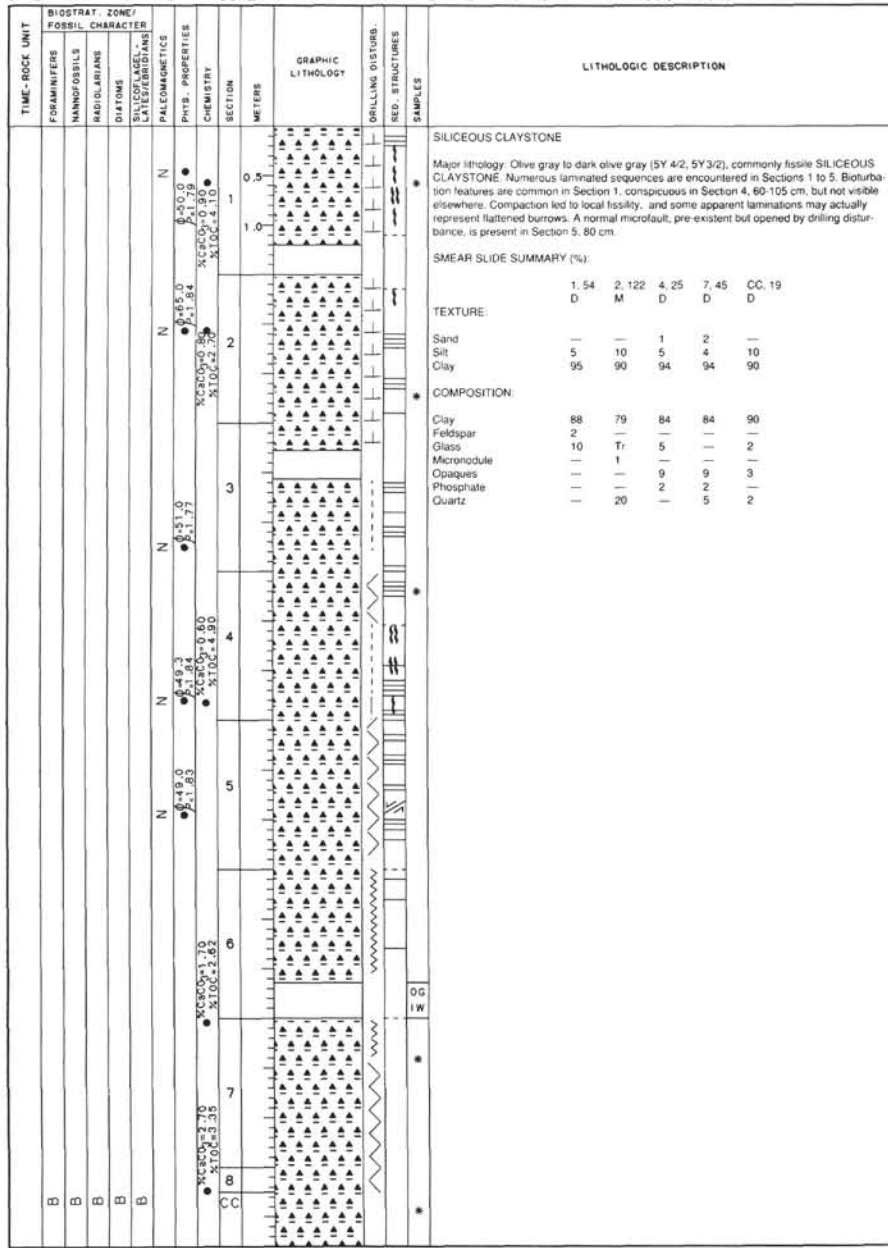
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																				
	FORAMINIFERS	NAKNOFOSSILS							RADIOLARIANS	DIATOMS	SILICOSPHE- LATES/STRATIOLANS	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY																																														
B			N	0.5				<p>SILICEOUS CLAYSTONE and SILTY CLAY with GLAUCONITE</p> <p>Major lithology: Sediments are dominated by dark greenish gray (5Y 3/2) to dark olive gray (5Y 3/2), structureless to slightly bioturbated SILTY CLAY and SILICEOUS CLAYSTONE. In Section 1, sediments contain GLAUCONITE-rich intervals, which are particularly conspicuous at 24-30, 44-55, 75-93, and 134-139 cm. The glauconite particles are well-rounded, sand-size, with an average 0.2-0.8 mm diameter, and are probably allochthonous. Burrowing and bioturbating organisms distributed the glauconite particles into surrounding sediments. Sagarites fossils (<i>Makiyama hitani</i>) are also common throughout the core.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 28</td> <td>2, 132</td> <td>6, 27</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>10</td> <td>—</td> <td>—</td> </tr> <tr> <td>Silt</td> <td>50</td> <td>15</td> <td>10</td> </tr> <tr> <td>Clay</td> <td>40</td> <td>85</td> <td>90</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Clay</td> <td>47</td> <td>75</td> <td>90</td> </tr> <tr> <td>Diatoms</td> <td>8</td> <td>5</td> <td>Tr</td> </tr> <tr> <td>Dolomite</td> <td>5</td> <td>5</td> <td>2</td> </tr> <tr> <td>Glass</td> <td>—</td> <td>5</td> <td>—</td> </tr> <tr> <td>Glauconite</td> <td>15</td> <td>—</td> <td>Tr</td> </tr> <tr> <td>Opauques</td> <td>3</td> <td>3</td> <td>2</td> </tr> <tr> <td>Quartz</td> <td>20</td> <td>5</td> <td>5</td> </tr> <tr> <td>Spicules</td> <td>2</td> <td>Tr</td> <td>Tr</td> </tr> </table>		1, 28	2, 132	6, 27		D	D	D	Sand	10	—	—	Silt	50	15	10	Clay	40	85	90	Clay	47	75	90	Diatoms	8	5	Tr	Dolomite	5	5	2	Glass	—	5	—	Glauconite	15	—	Tr	Opauques	3	3	2	Quartz	20	5	5	Spicules	2	Tr	Tr
	1, 28	2, 132	6, 27																																																									
	D	D	D																																																									
Sand	10	—	—																																																									
Silt	50	15	10																																																									
Clay	40	85	90																																																									
Clay	47	75	90																																																									
Diatoms	8	5	Tr																																																									
Dolomite	5	5	2																																																									
Glass	—	5	—																																																									
Glauconite	15	—	Tr																																																									
Opauques	3	3	2																																																									
Quartz	20	5	5																																																									
Spicules	2	Tr	Tr																																																									
B			N	1.0																																																								
B			N	2.0																																																								
B			N	3.0																																																								
B			N	4.0																																																								
B			N	5.0																																																								
B			N	6.0																																																								
CC			CC	7.0																																																								



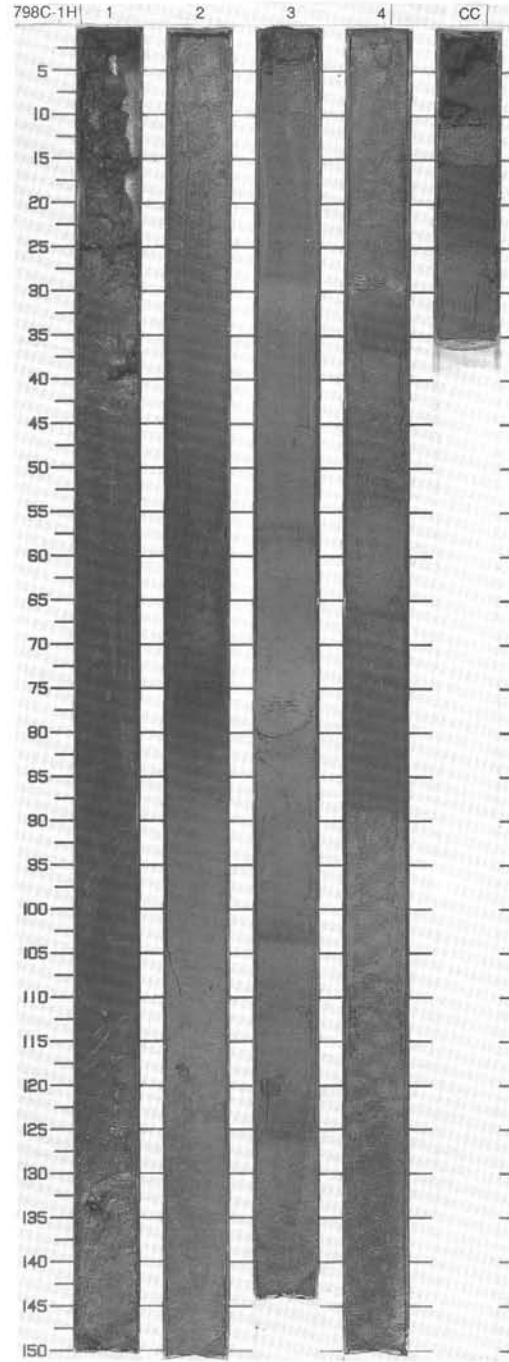
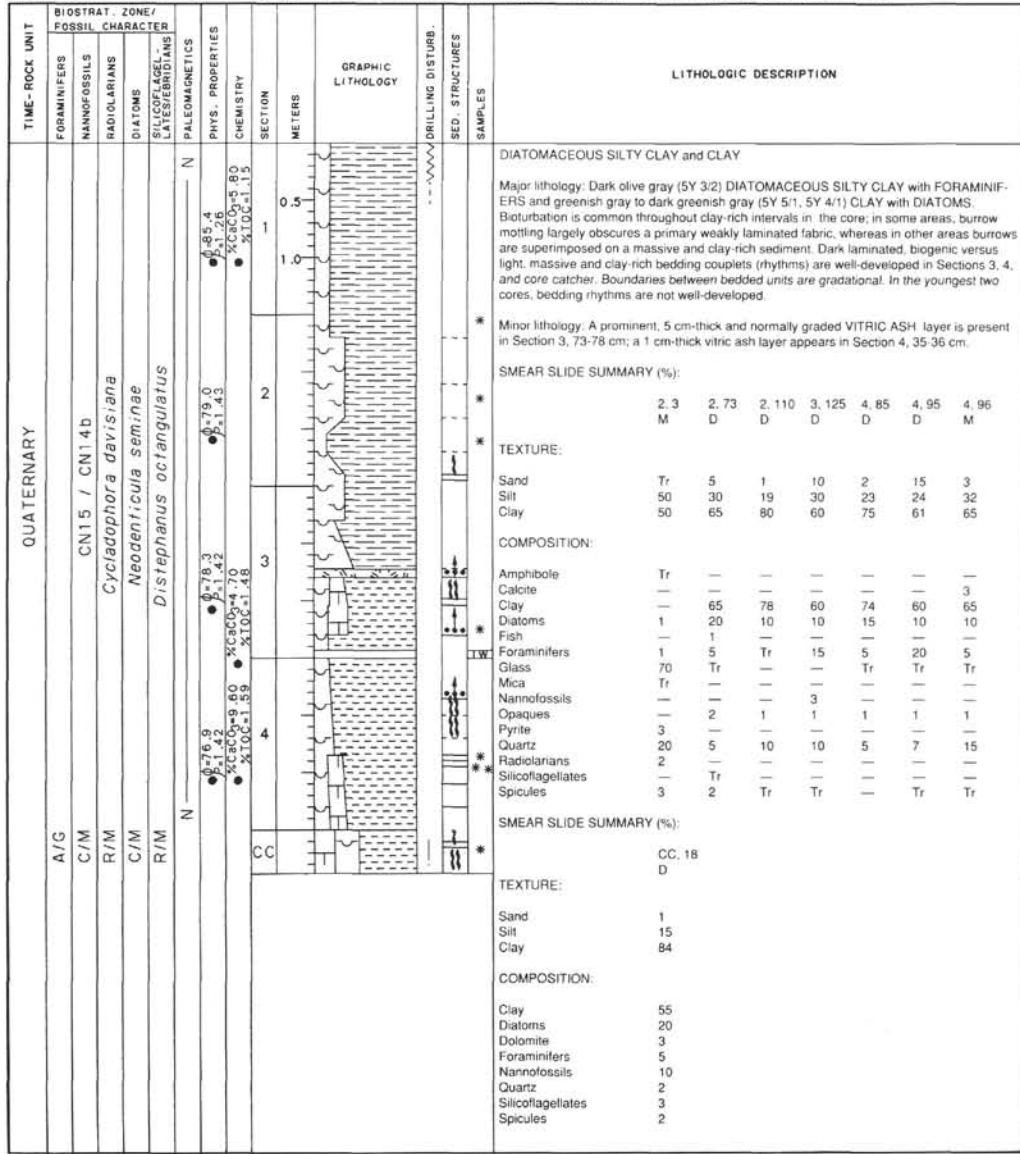


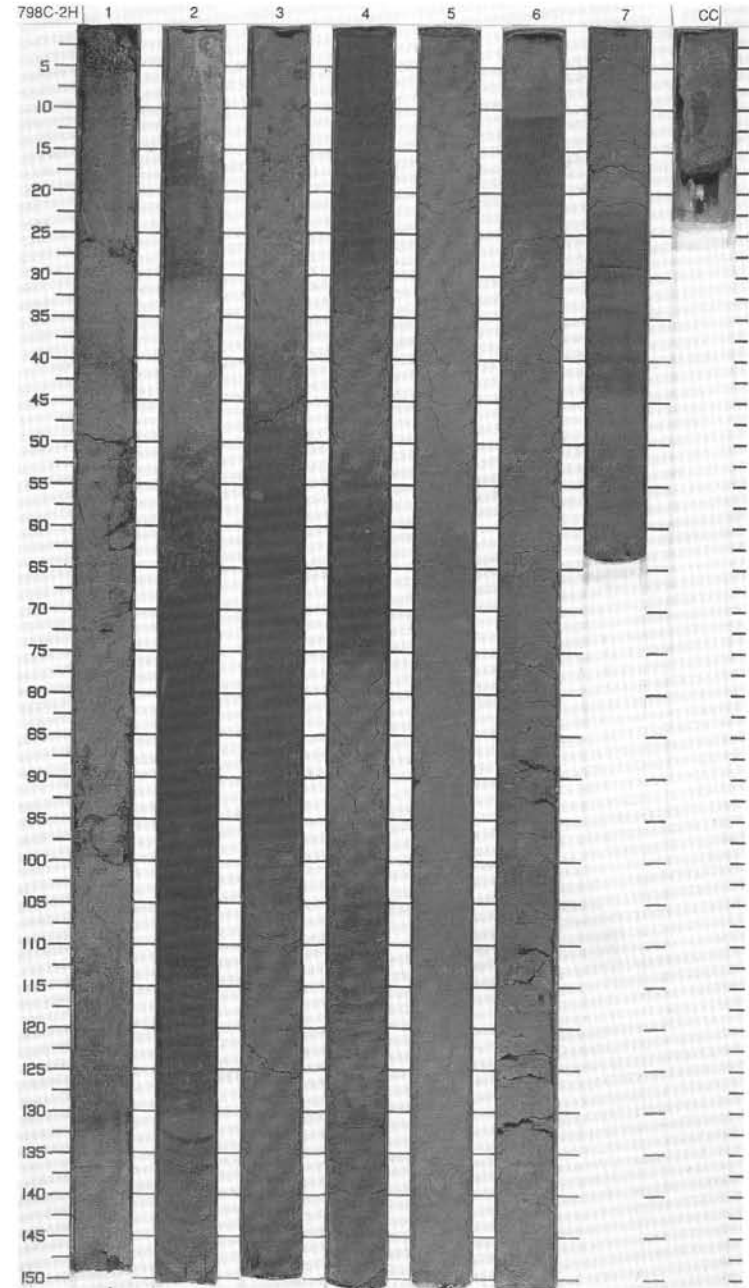
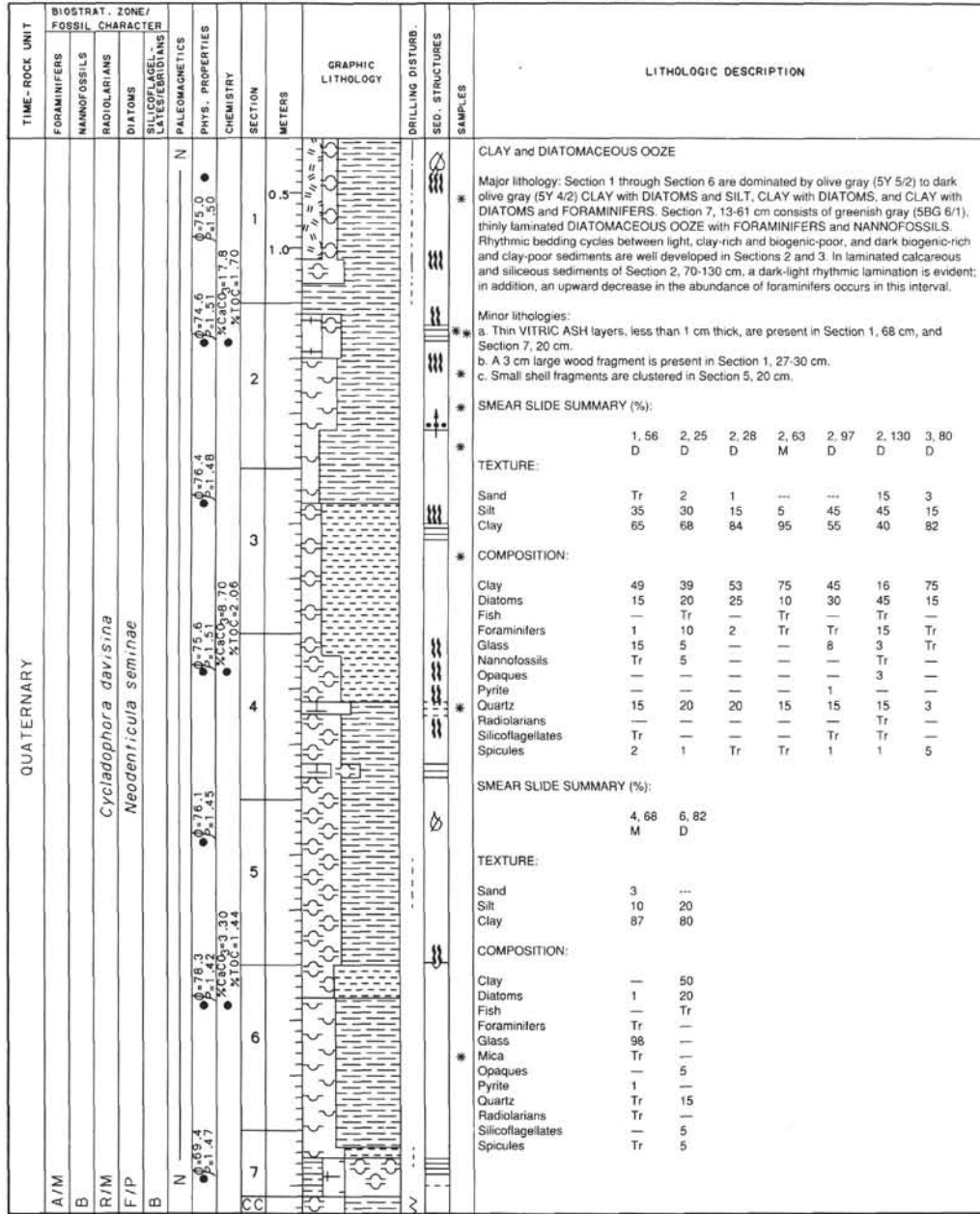
SITE 798 HOLE B CORE 53X CORED INTERVAL 1398.7-1403.3 mbsl; 498.7-508.3 mbsf



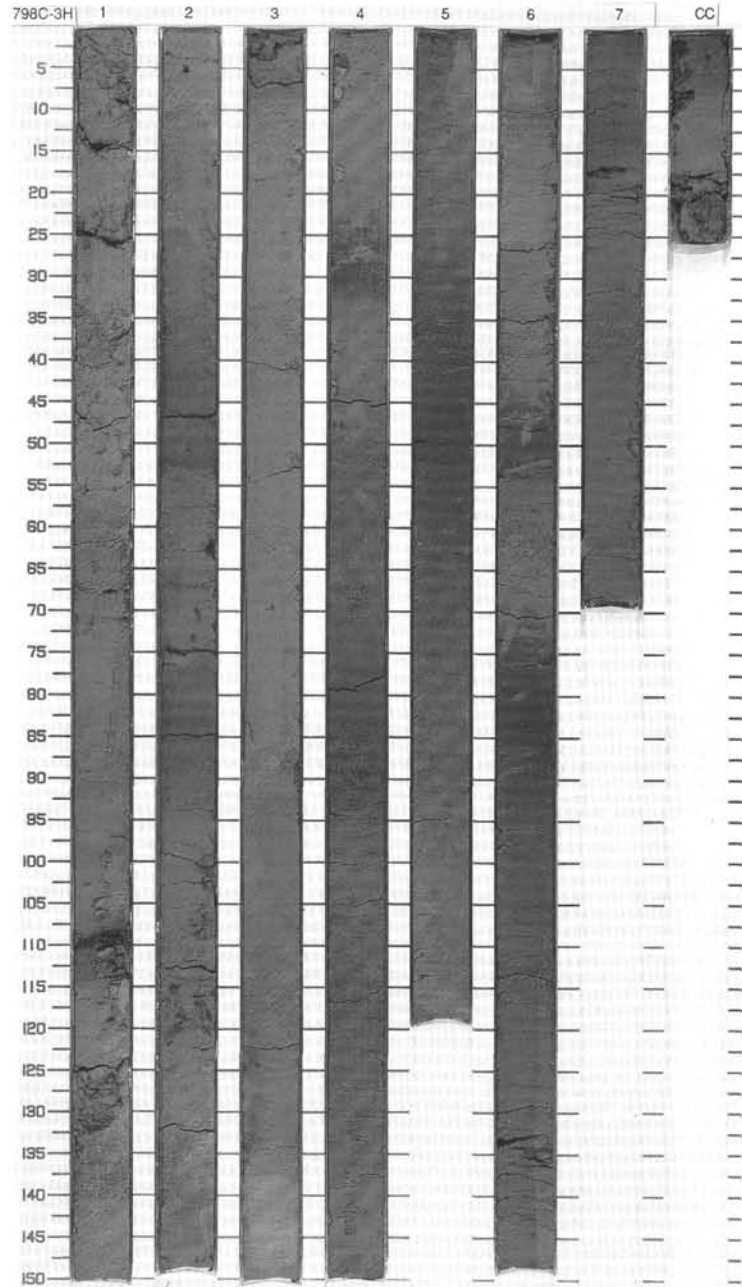
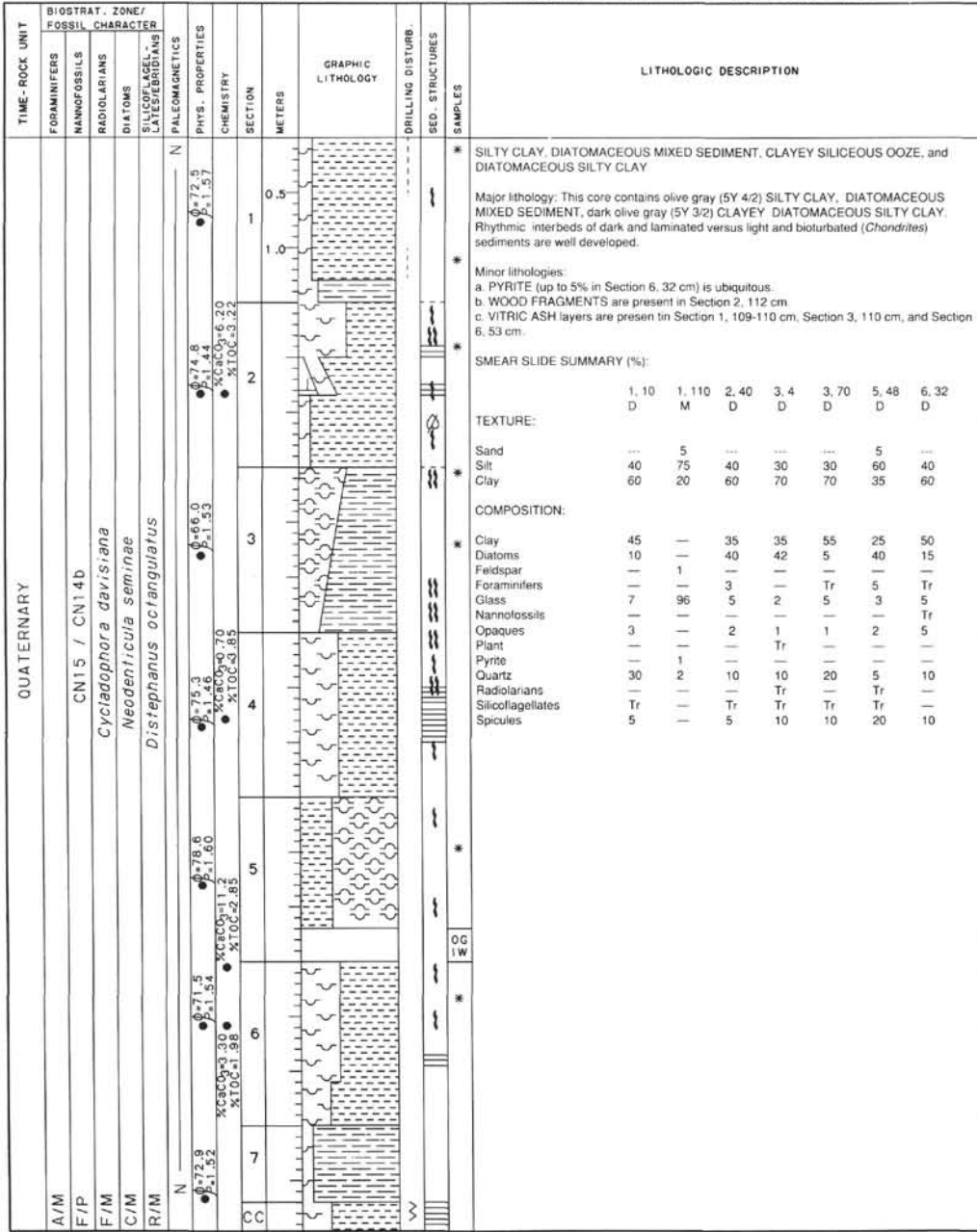


SITE 798 HOLE C CORE 1H CORED INTERVAL 900.1-906.4 mbsf; 0.0-6.3 mbsf

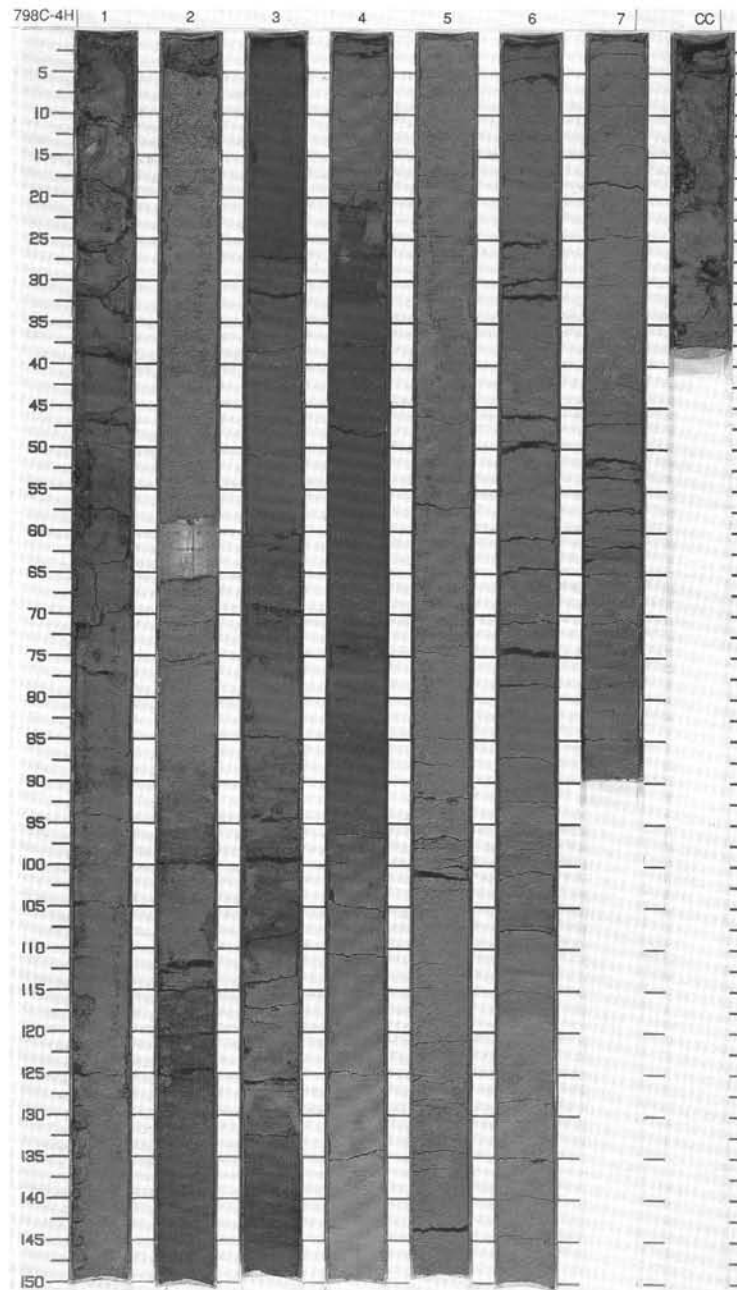
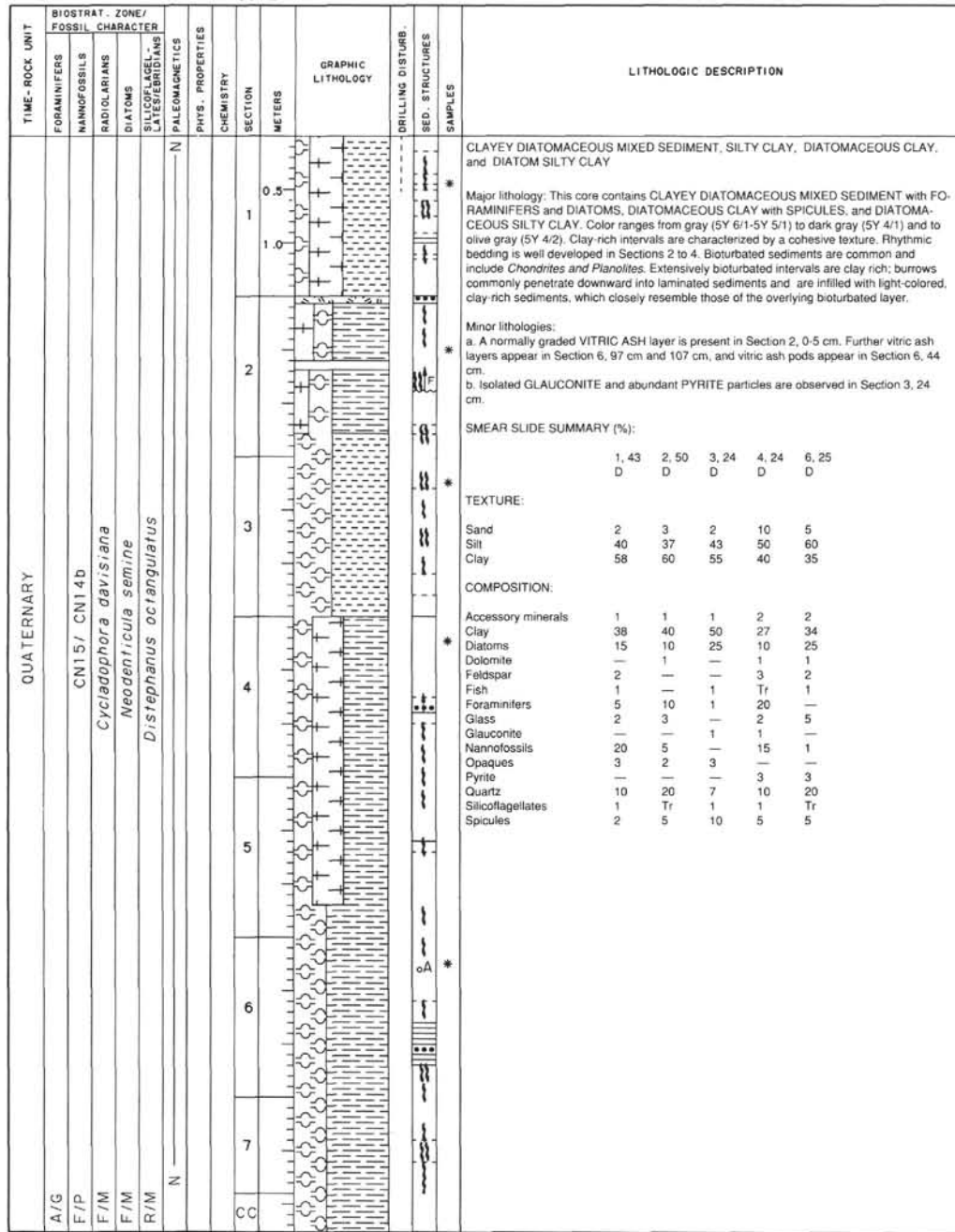


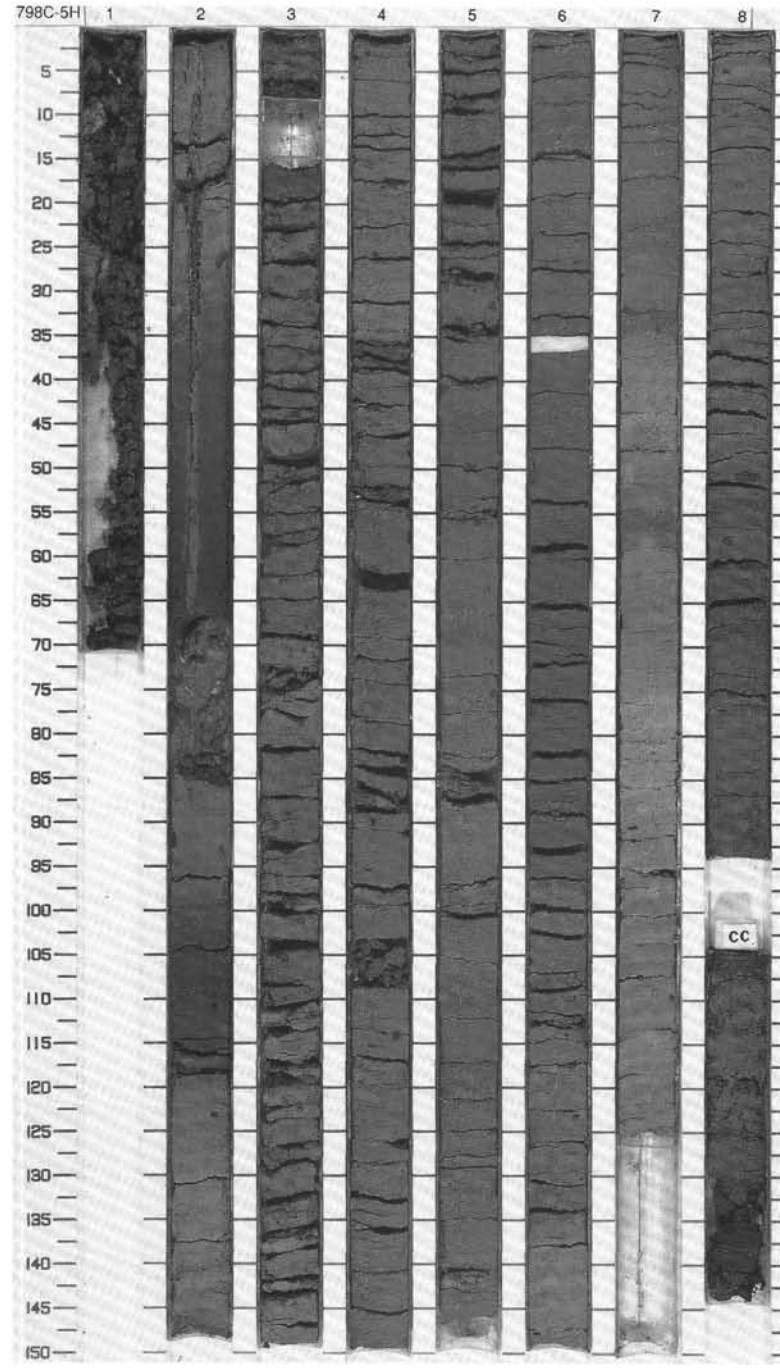
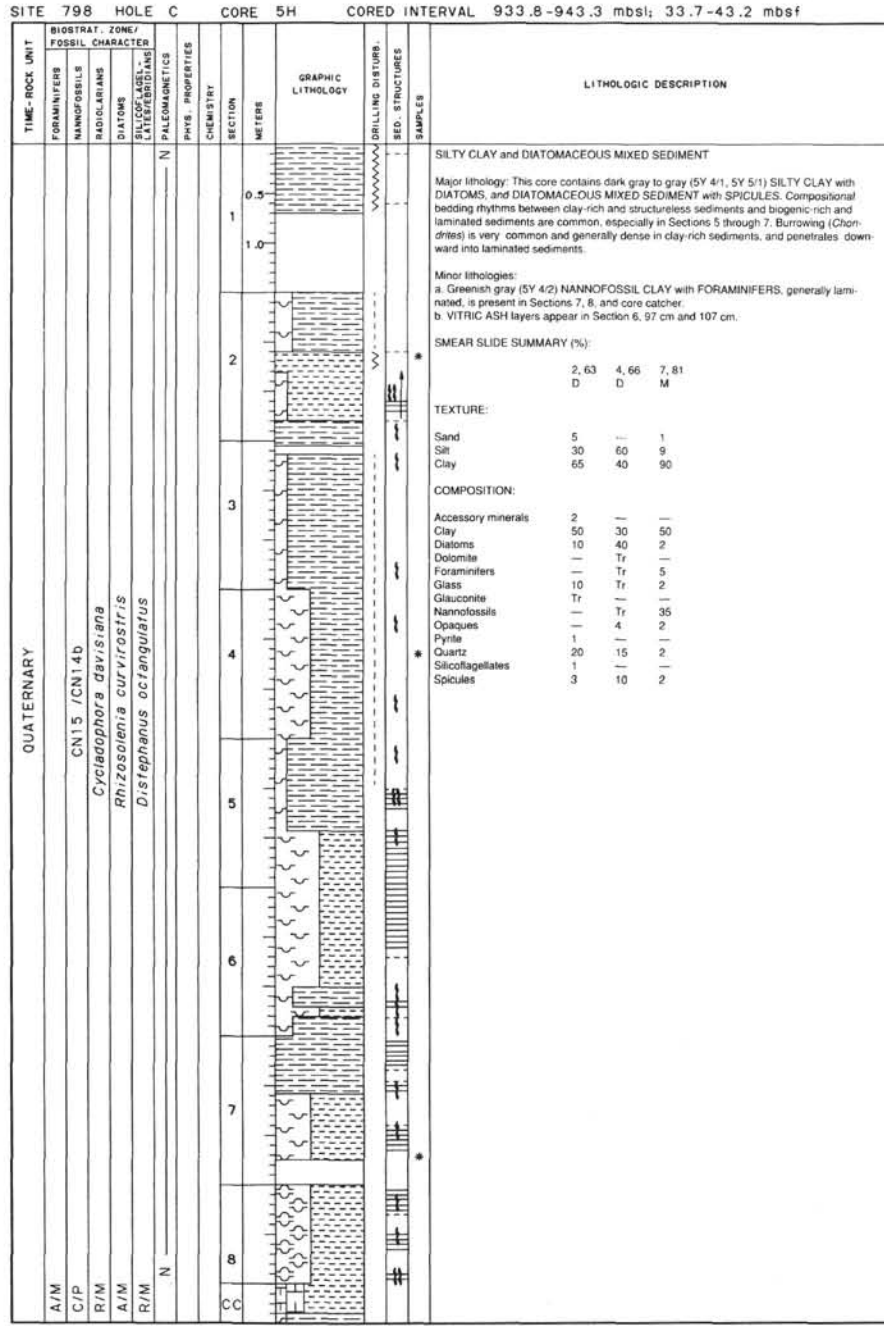


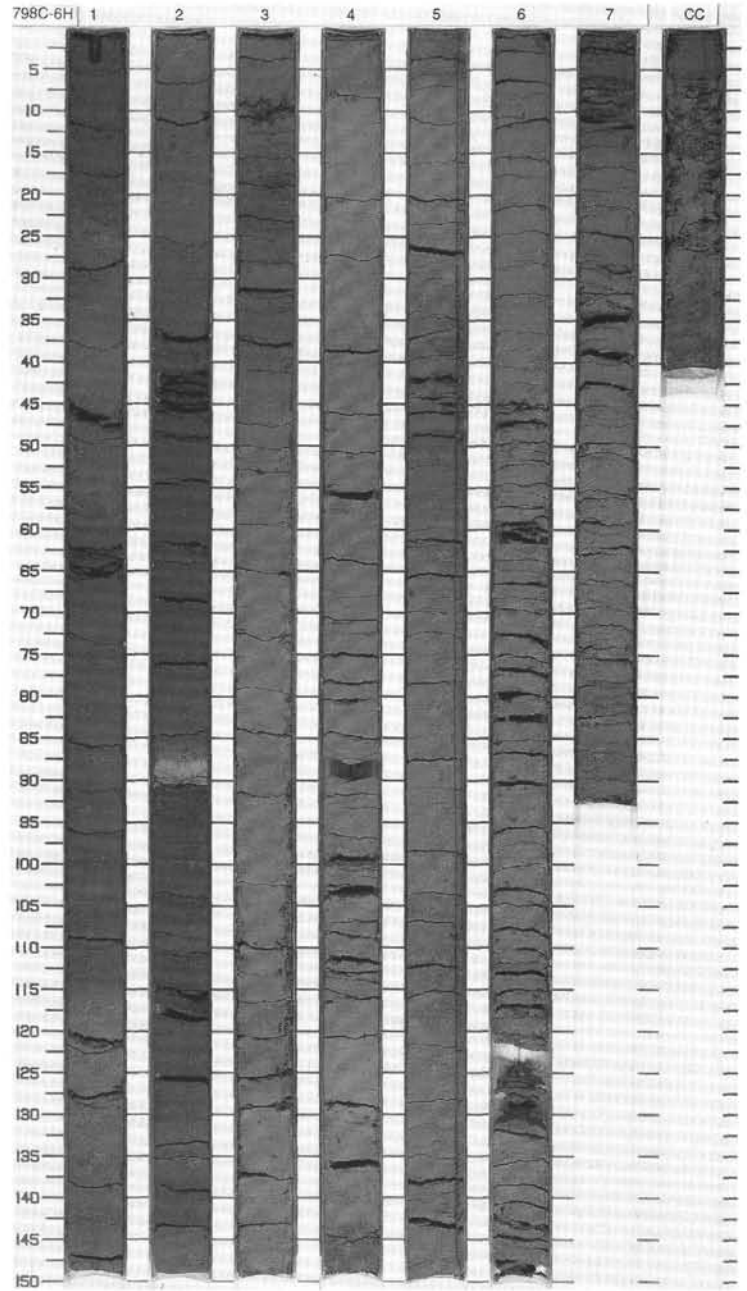
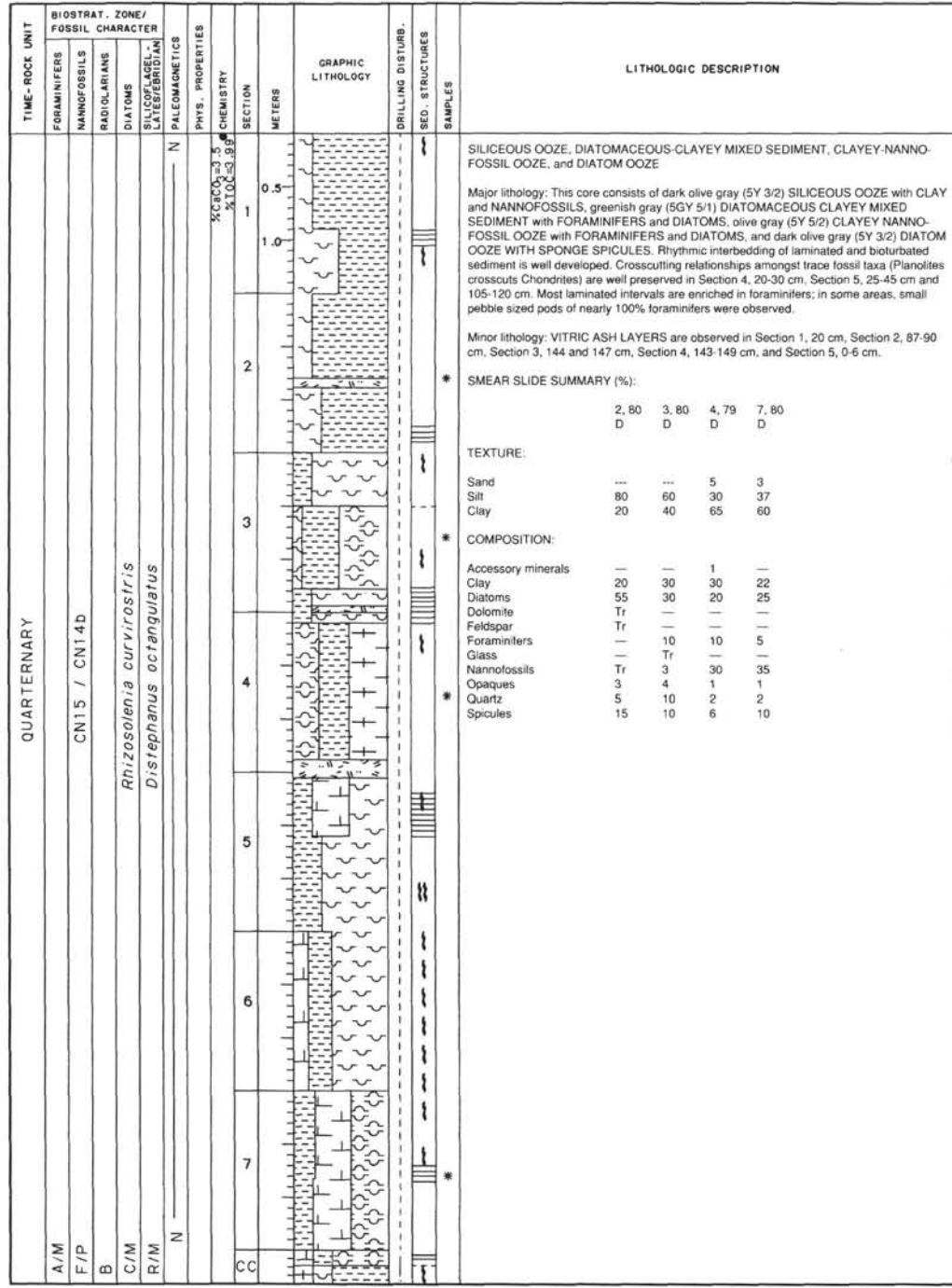
SITE 798 HOLE C CORE 3H CORED INTERVAL 915.4-924.4 mbsl; 15.3-24.3 mbsf



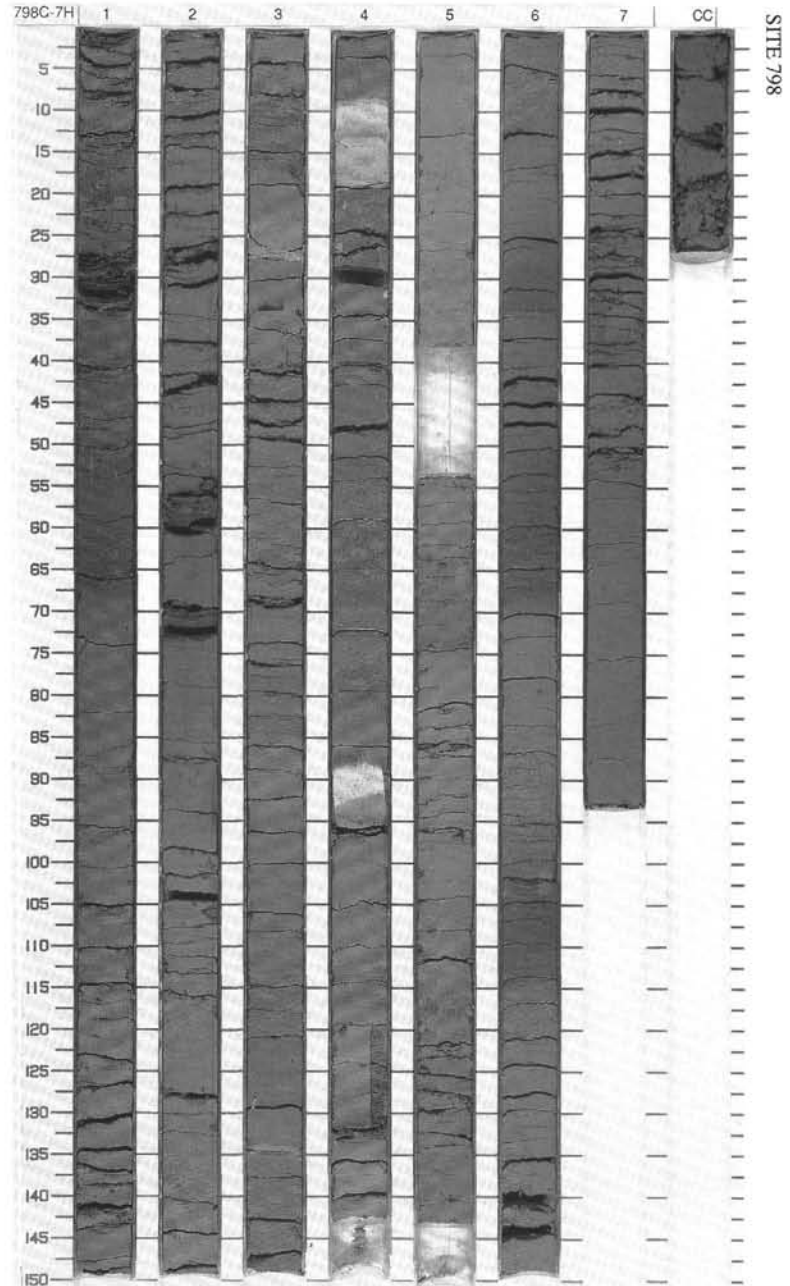
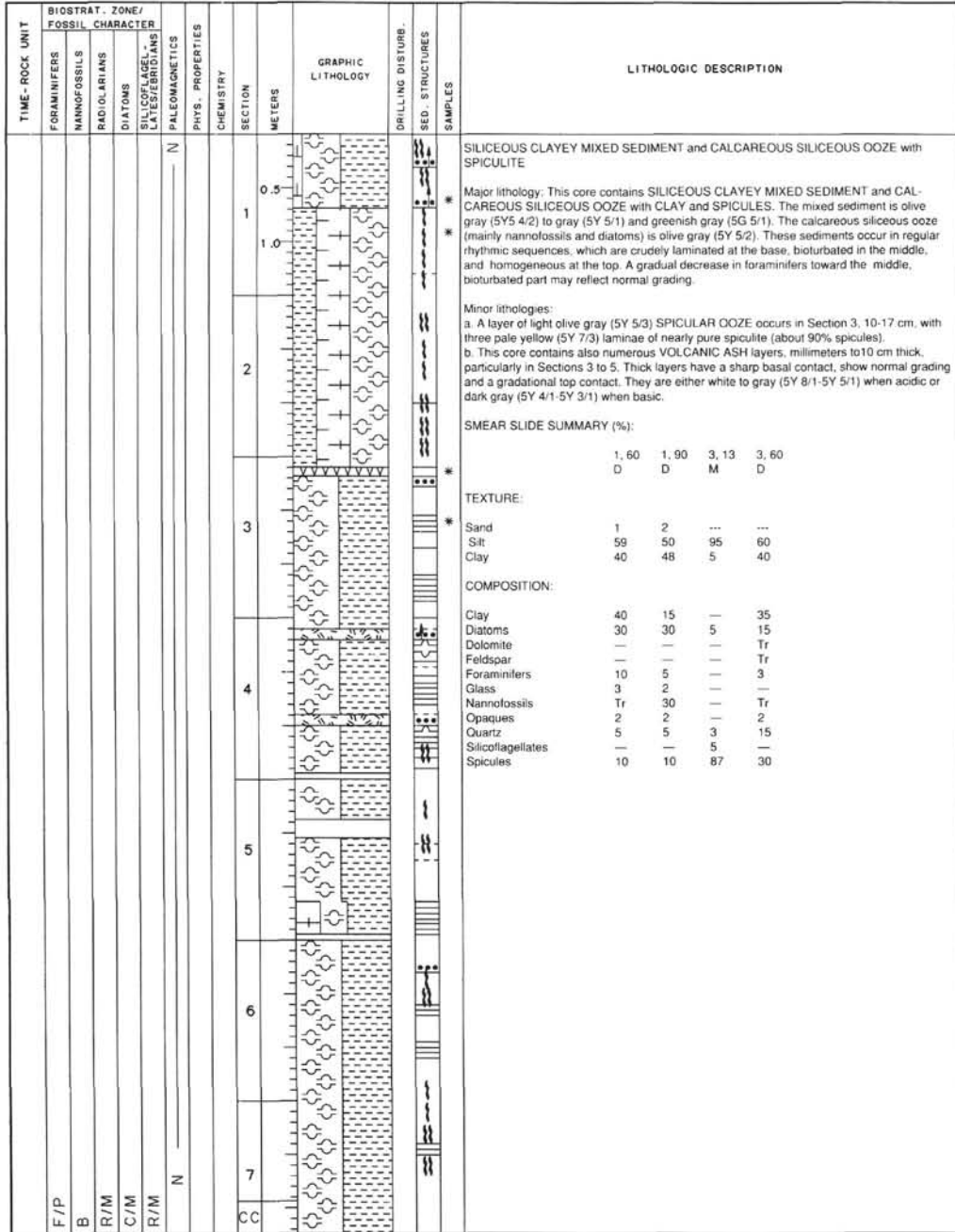


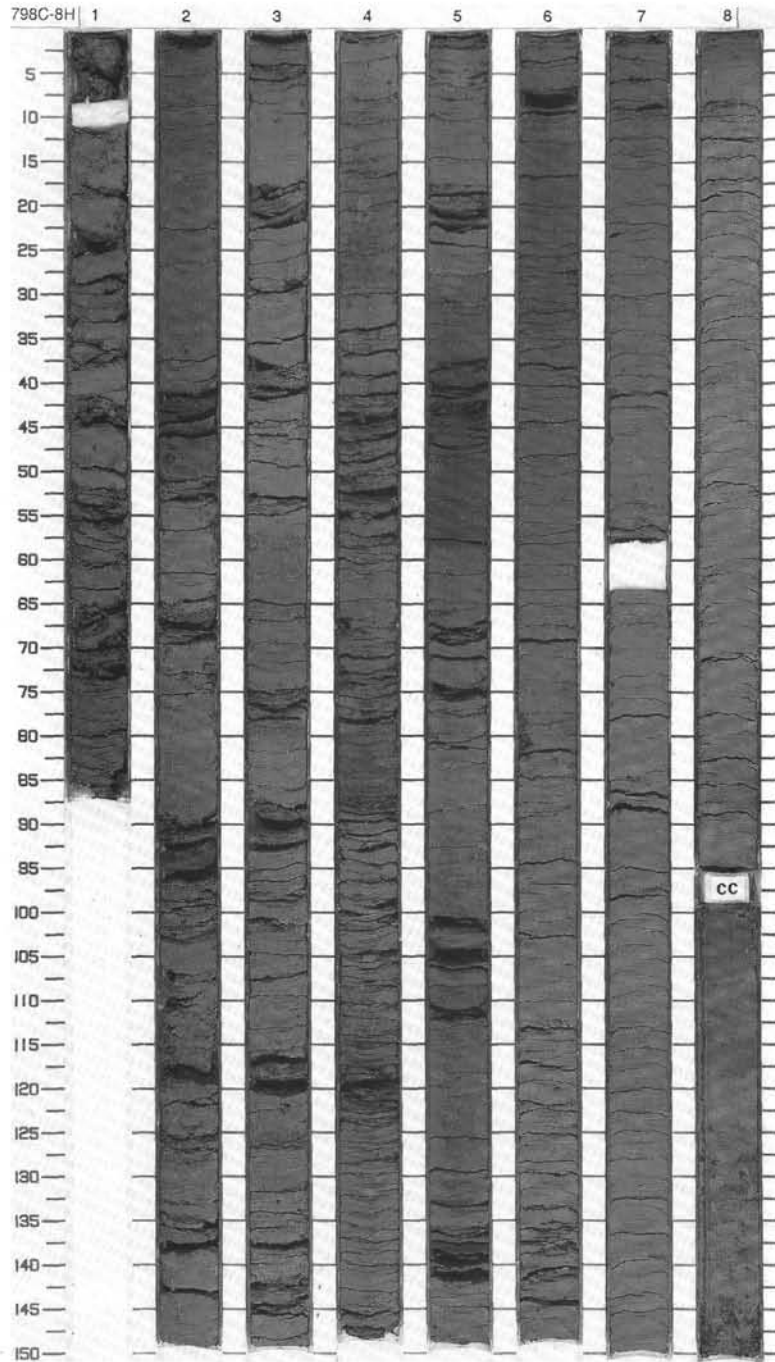
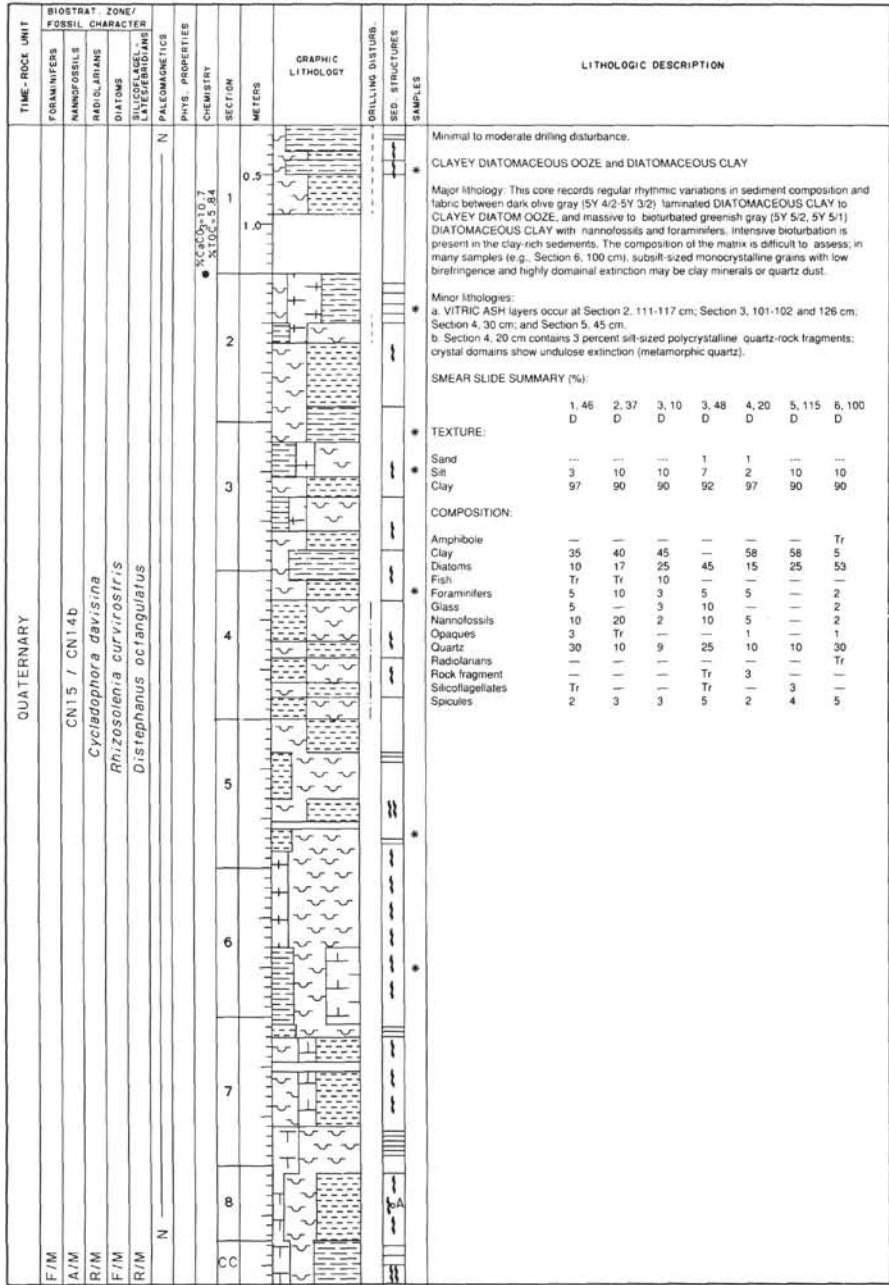






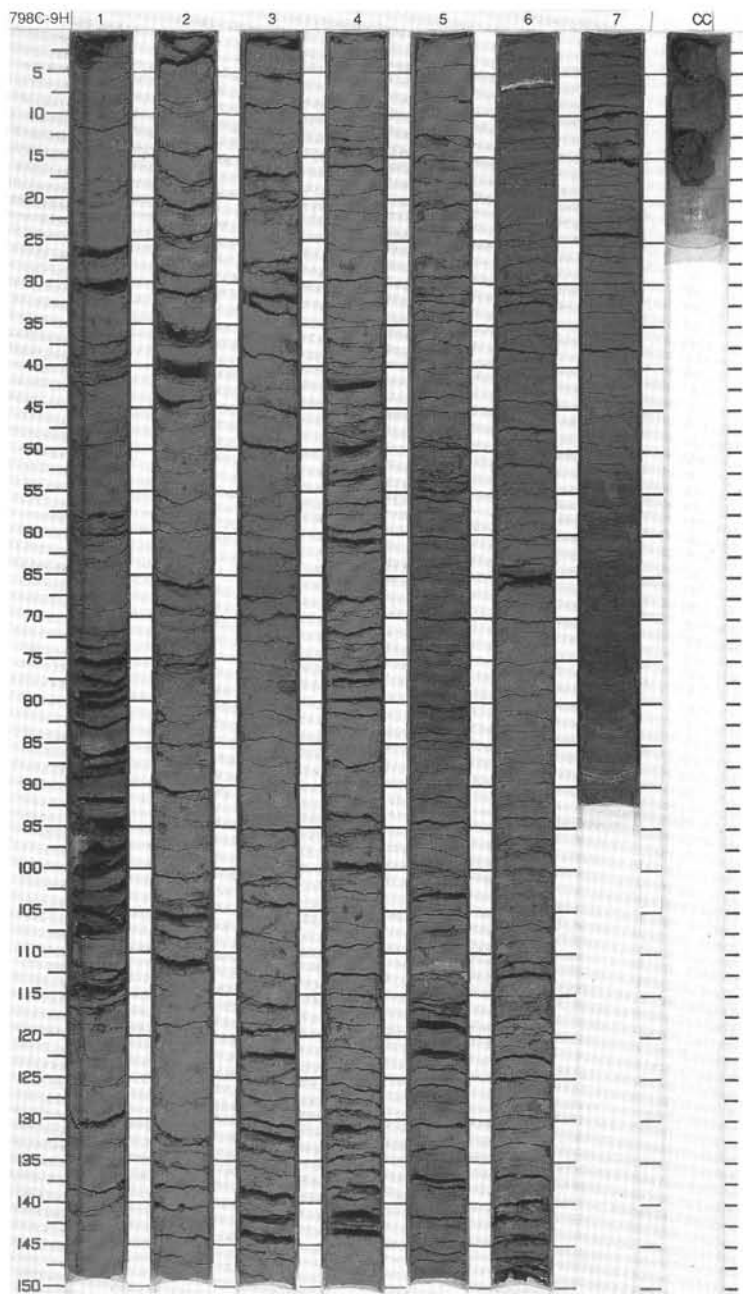
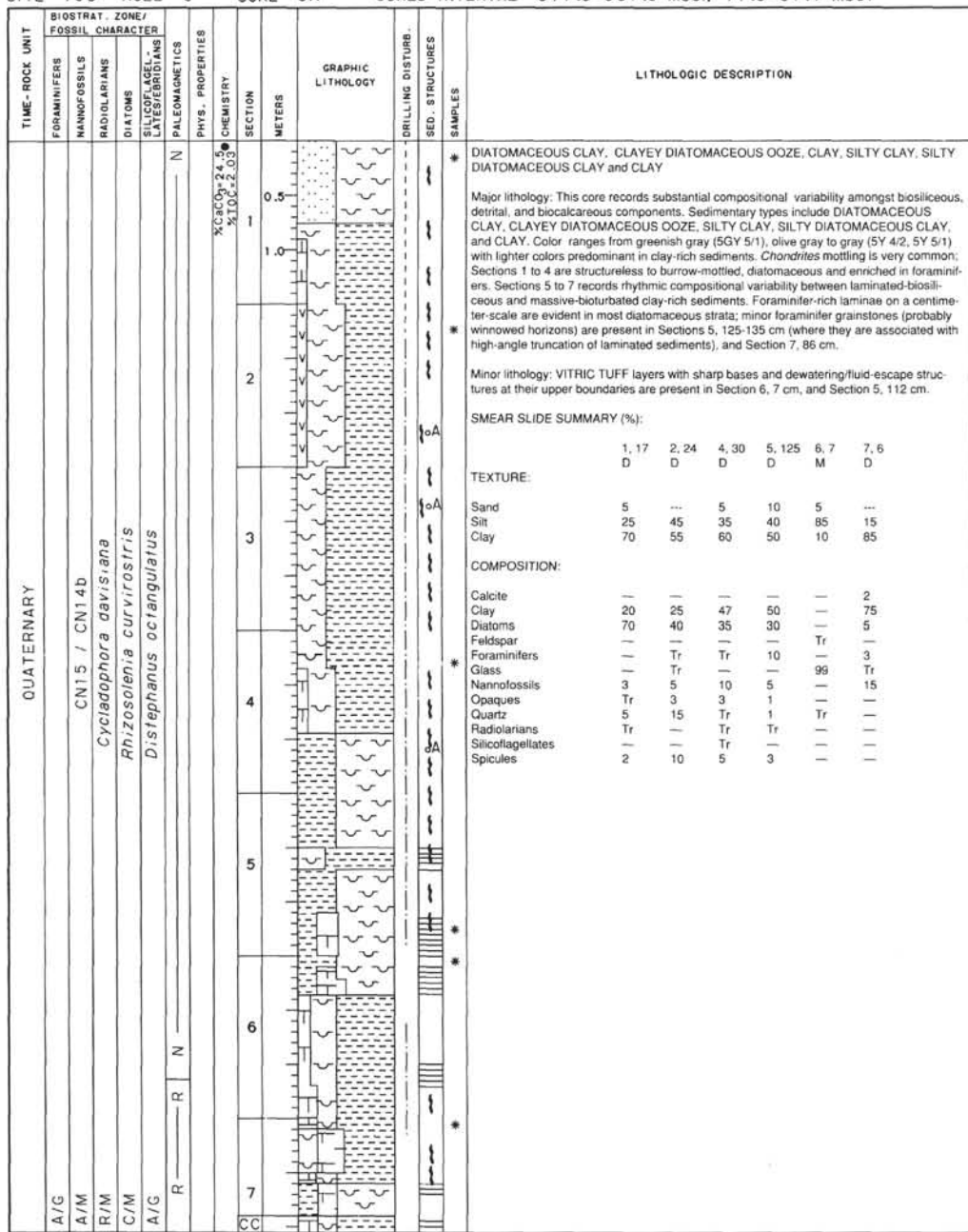
SITE 798 HOLE C CORE 7H CORED INTERVAL 952.8-962.4 mbsl; 52.7-62.3 mbsf

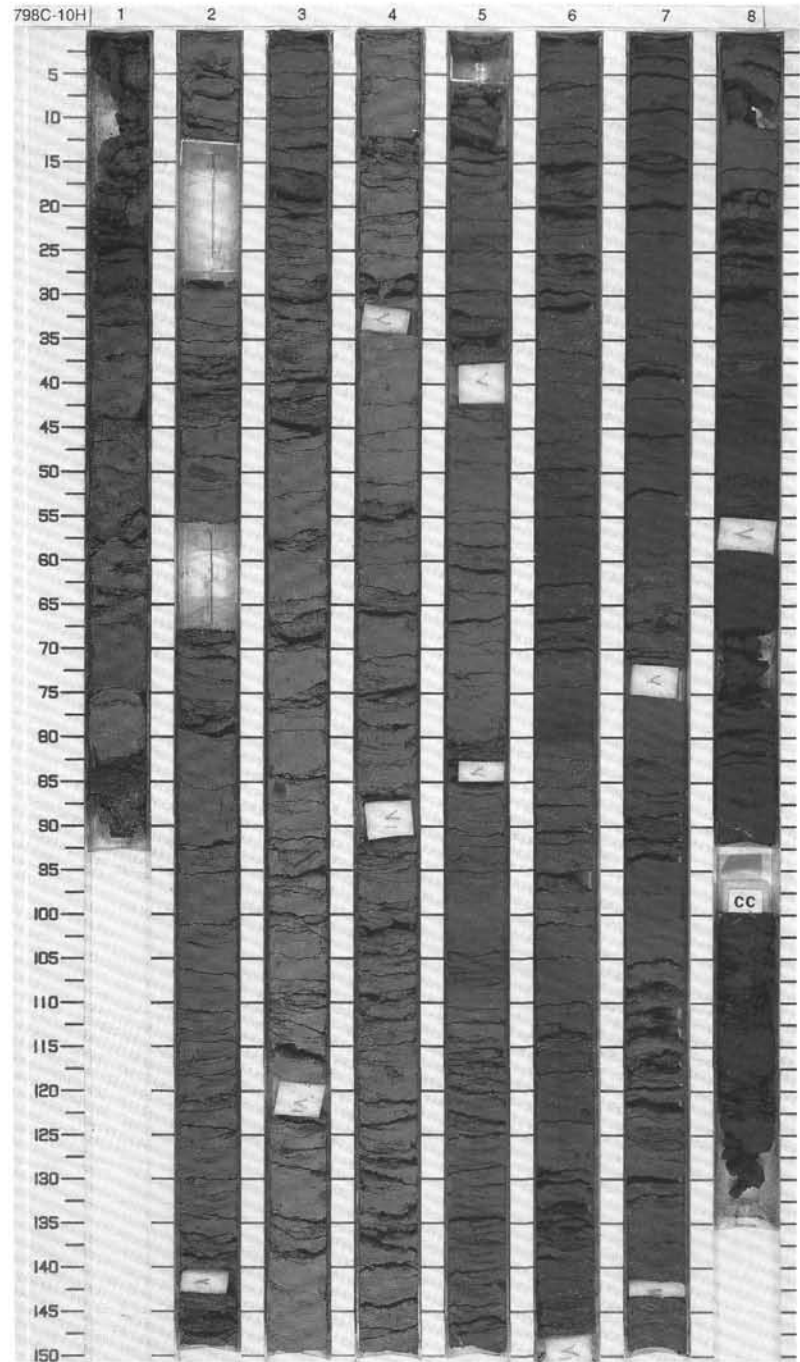
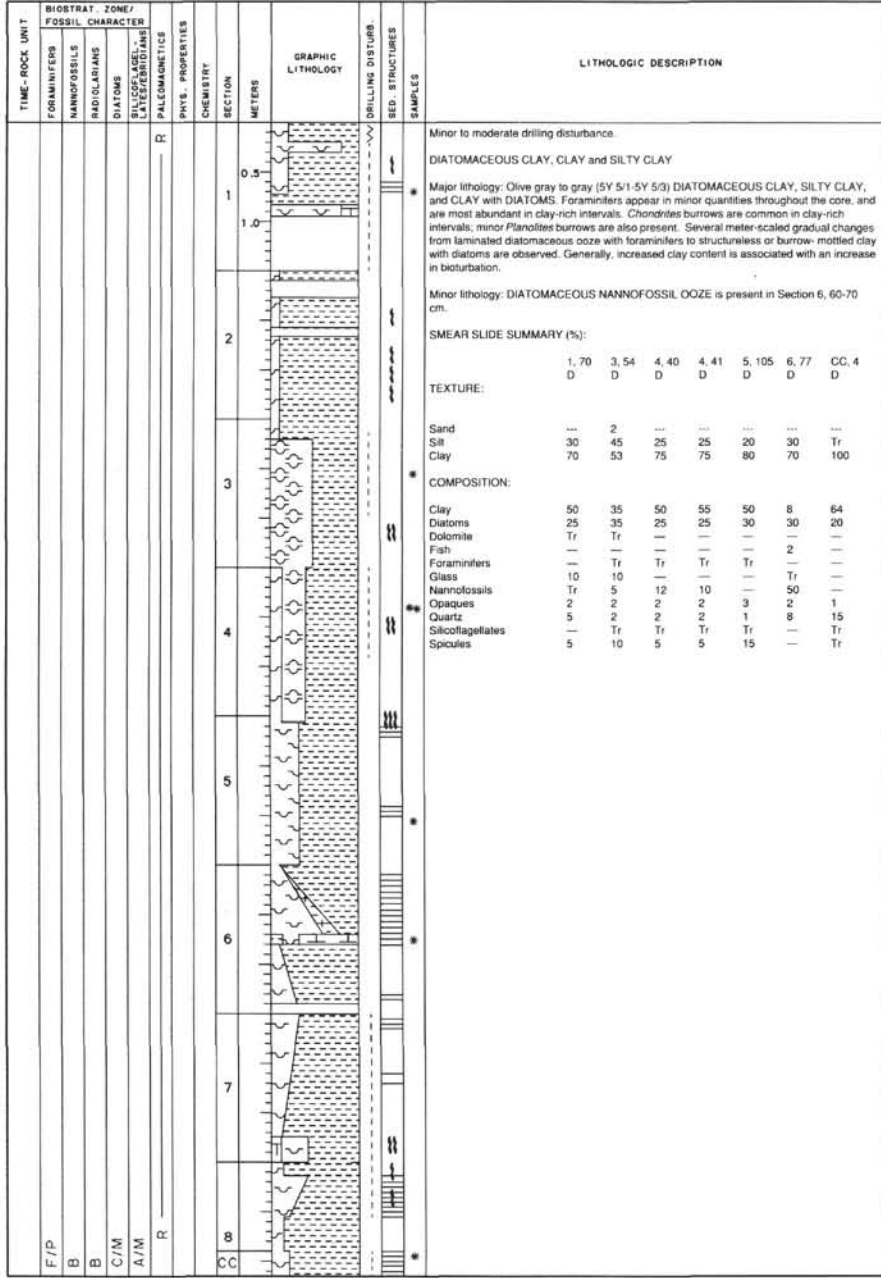




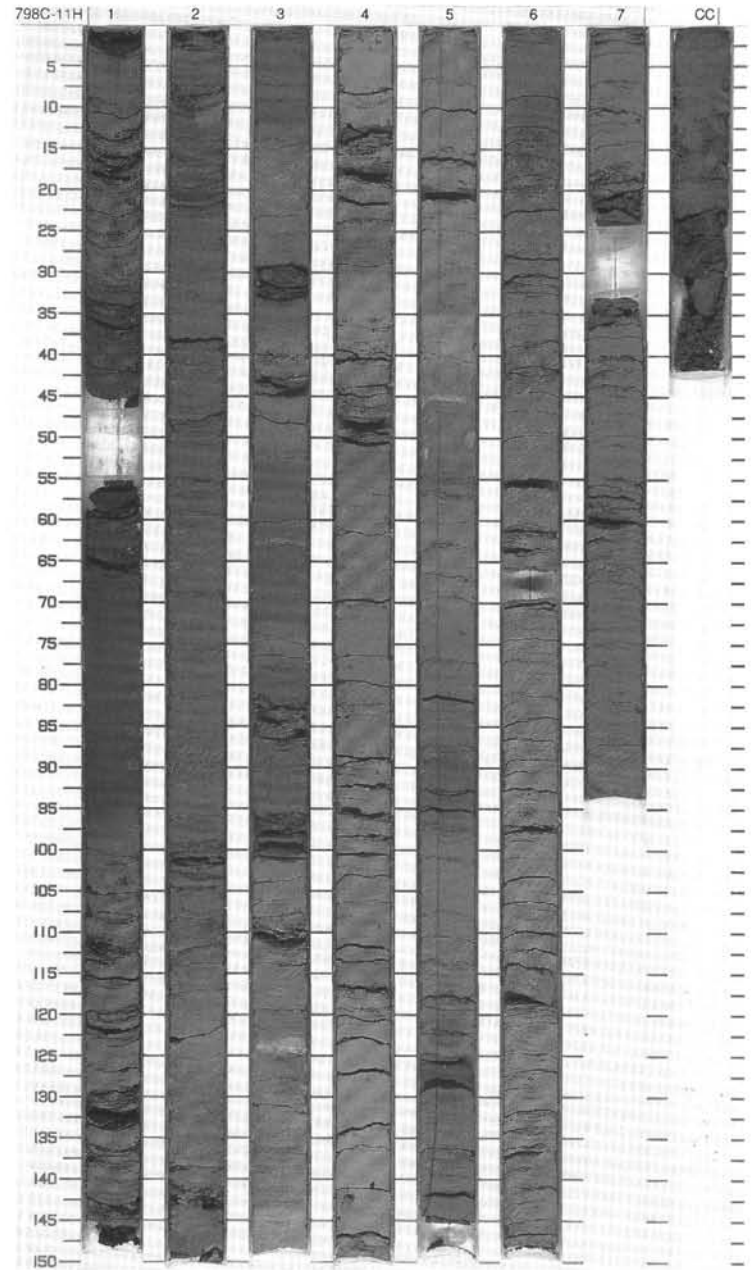
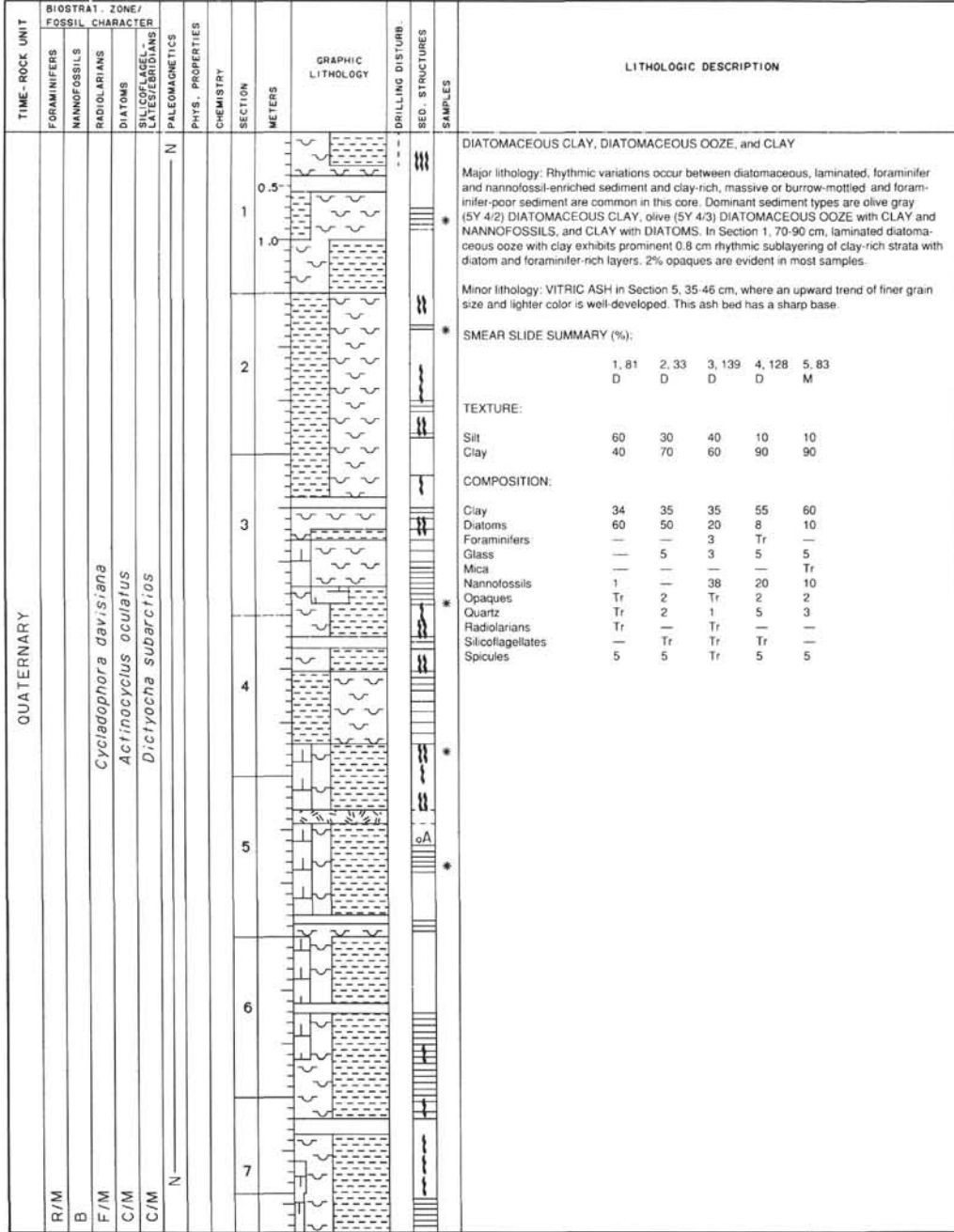


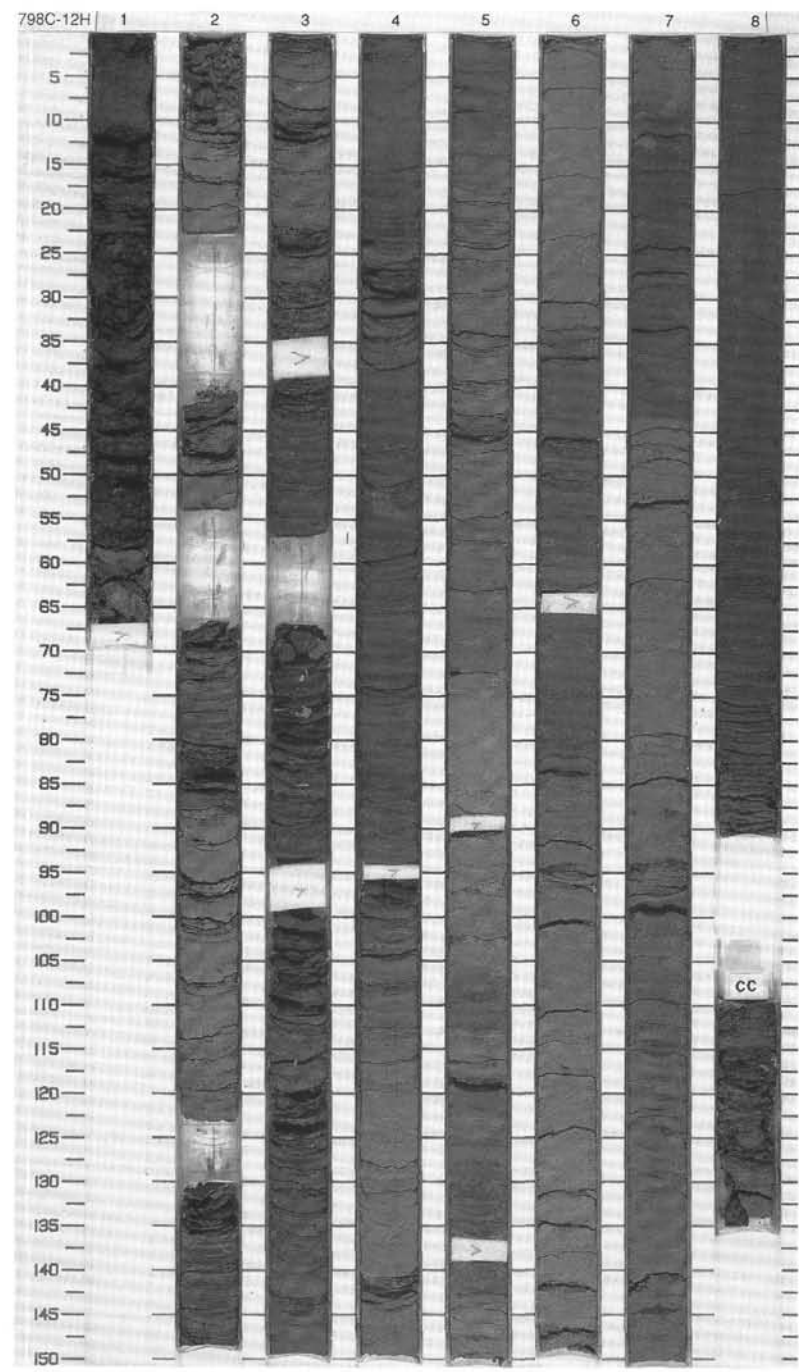
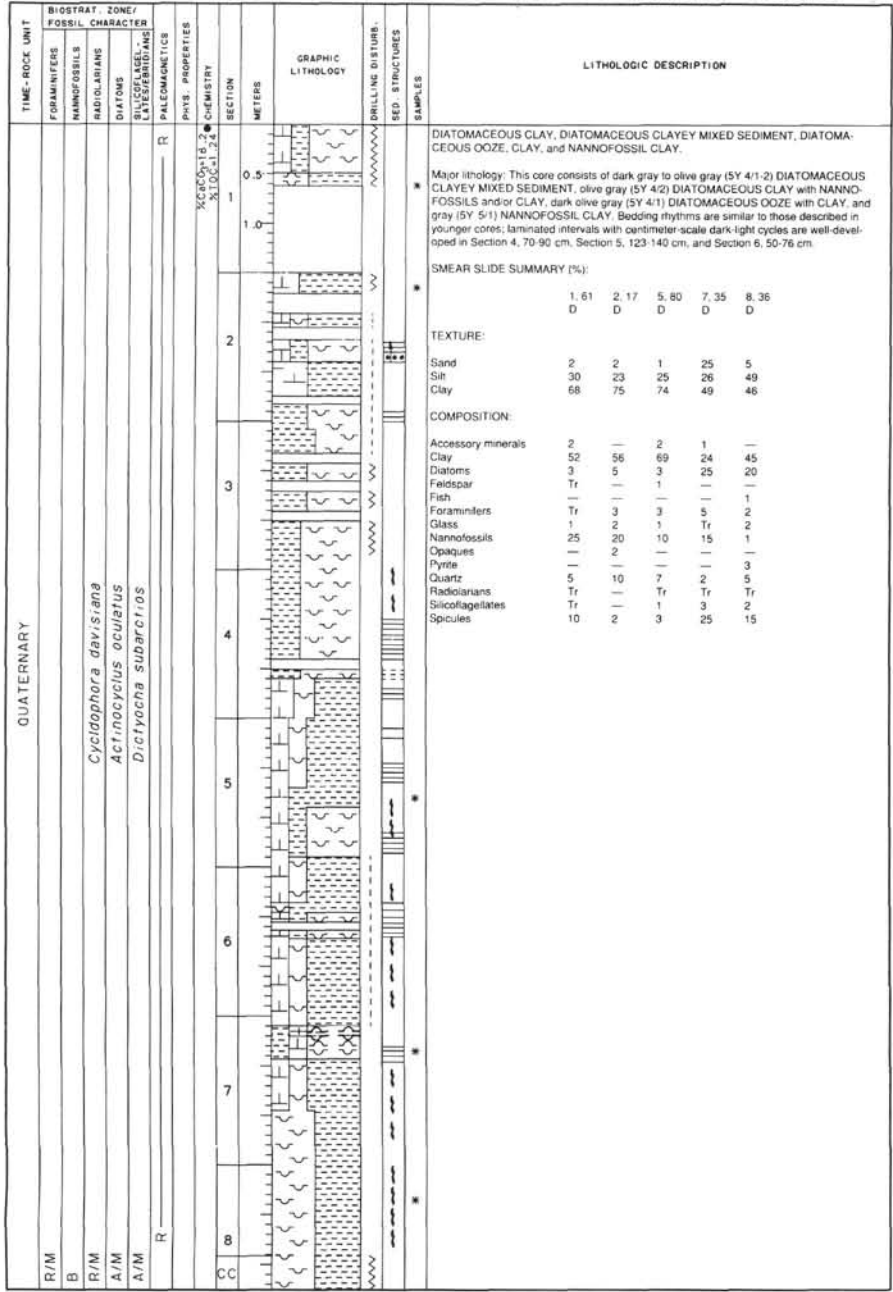
SITE 798 HOLE C CORE 9H CORED INTERVAL 971.9-981.5 mbsl; 71.8-81.4 mbsf





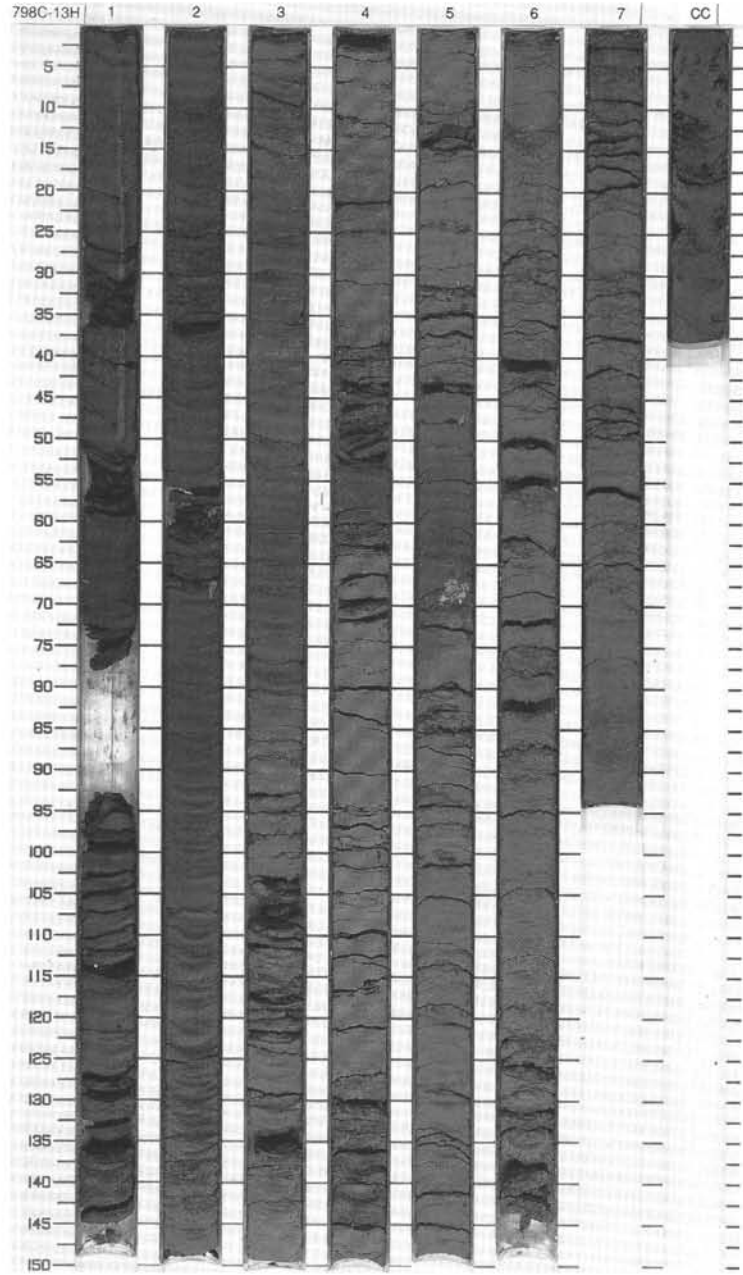
SITE 798 HOLE C CORE 11H CORED INTERVAL 991.2-1000.9 mbsl; 91.1-100.8 mbsf





SITE 798 HOLE C CORE 13H CORED INTERVAL 1010.5-1020.2 mbsl; 110.4-120.1 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
QUATERNARY										CLAY, CLAYEY MIXED SEDIMENT, CLAYEY NANNOFOSSIL MIXED SEDIMENT
R/M					0.5				*	Major lithology: This core contains dark olive gray (5Y 3/2), dark gray (5Y 4/1), and dark greenish gray (5GY 4/1) CLAY, CLAYEY MIXED SEDIMENT, and CLAYEY NANNOFOSSIL MIXED SEDIMENT. Minor constituents are represented by diatoms, nannofossils, and spicules. This core is rather uniform, except for the interval from Section 3 to Section 5, 73 cm, where well-developed dark-light alternating intervals occur.
R/P	?				1.0					Minor lithology: A very light gray to white (N8-NS) VITRIC ASH layer is present in Section 3, 32 cm. A vitric ash layer appears in Section 4, 23 cm.
R/M	<i>Cycladophora davisiana</i>				2					SMEAR SLIDE SUMMARY (%):
A/M	<i>Actinocyclus oculatus</i>									1, 66    3, 85    5, 66    7, 64
F/M	<i>Dictyocha subarctica</i>									D          D          D          D
R										TEXTURE:
										Sand                    —          2          1          2
										Silt                    35        45        34        38
										Clay                   65        53        65        60
										COMPOSITION:
										Accessory minerals    1          1          1          —
										Clay                    64        38        60        32
										Diatoms                20        15        15        10
										Feldspar                Tr        Tr        —        Tr
										Fish                    Tr        Tr        Tr        Tr
										* Foraminifers        —        15        2        5
										Glass                    1        1        2        —
										Nannofossils         Tr        20        5        30
										Opaque                2        1        1        2
										Quartz                 5        5        2        3
										Silicoflagellates     2        1        2        2
										Spicules               5        3        10       15





128-798B-44X-02 (Piece 1A,71-72 cm)

OBSERVER: POU

WHERE SAMPLED:

ROCK NAME: Vitric ash

GRAIN SIZE: Coarse silt to fine sand

TEXTURE: None

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	COMPOSITION	MORPHOLOGY	COMMENTS
Glass	85	85	.03-0.2		Fragments	Shards and micropumices.
Quartz	10	10	.1-.2		Fragments	
Feldspar	5	5	.1-.2		Fragments	

VESICLES/CAVITIES	PERCENT	LOCATION	SIZE (mm)	FILLING	SHAPE
Vesicles	0				

COMMENTS: Colorless glass.

128-798B-46X-03 (Piece 1A,53-54 cm)

OBSERVER: POU

WHERE SAMPLED:

ROCK NAME: Pumice

GRAIN SIZE: None

TEXTURE: Holohyaline

PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)	COMPOSITION	MORPHOLOGY	COMMENTS
Glass	100	100	?		?	

VESICLES/CAVITIES	PERCENT	LOCATION	SIZE (mm)	FILLING	SHAPE
Vesicles	75		.1-.5		Elongated

COMMENTS: Colorless glass.