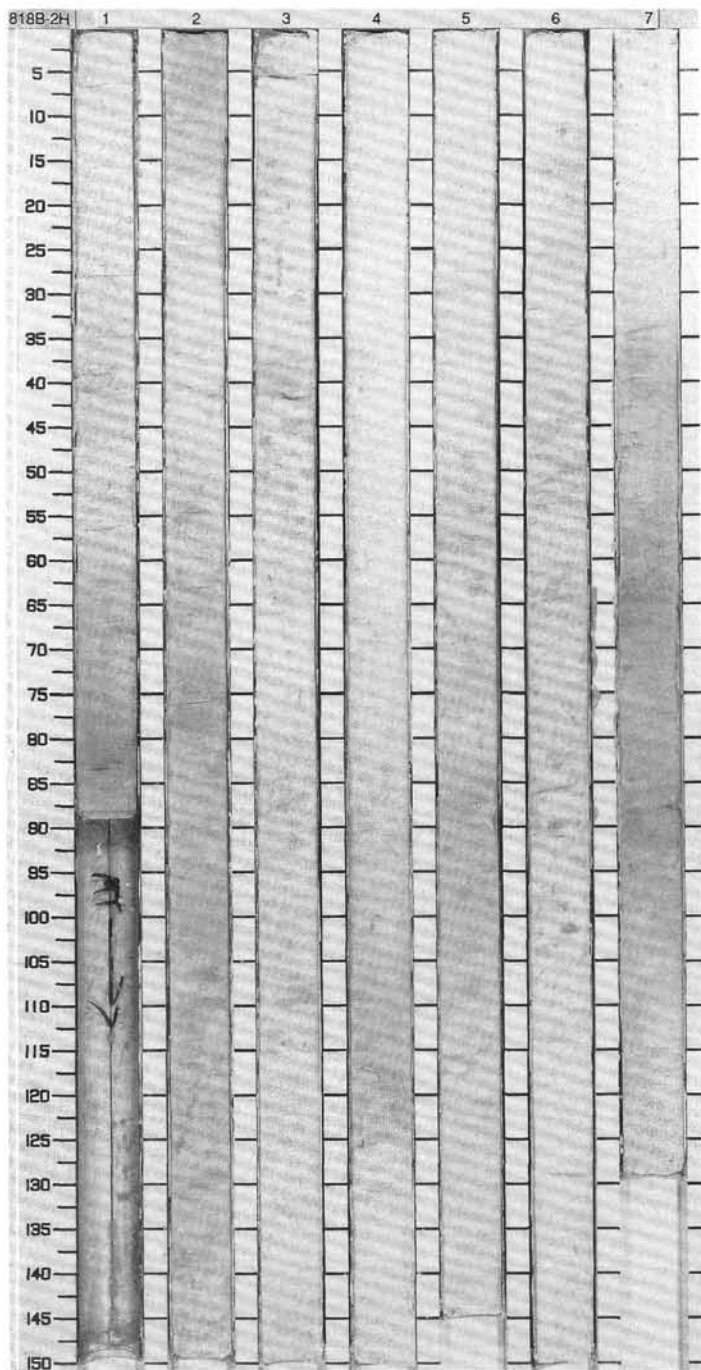
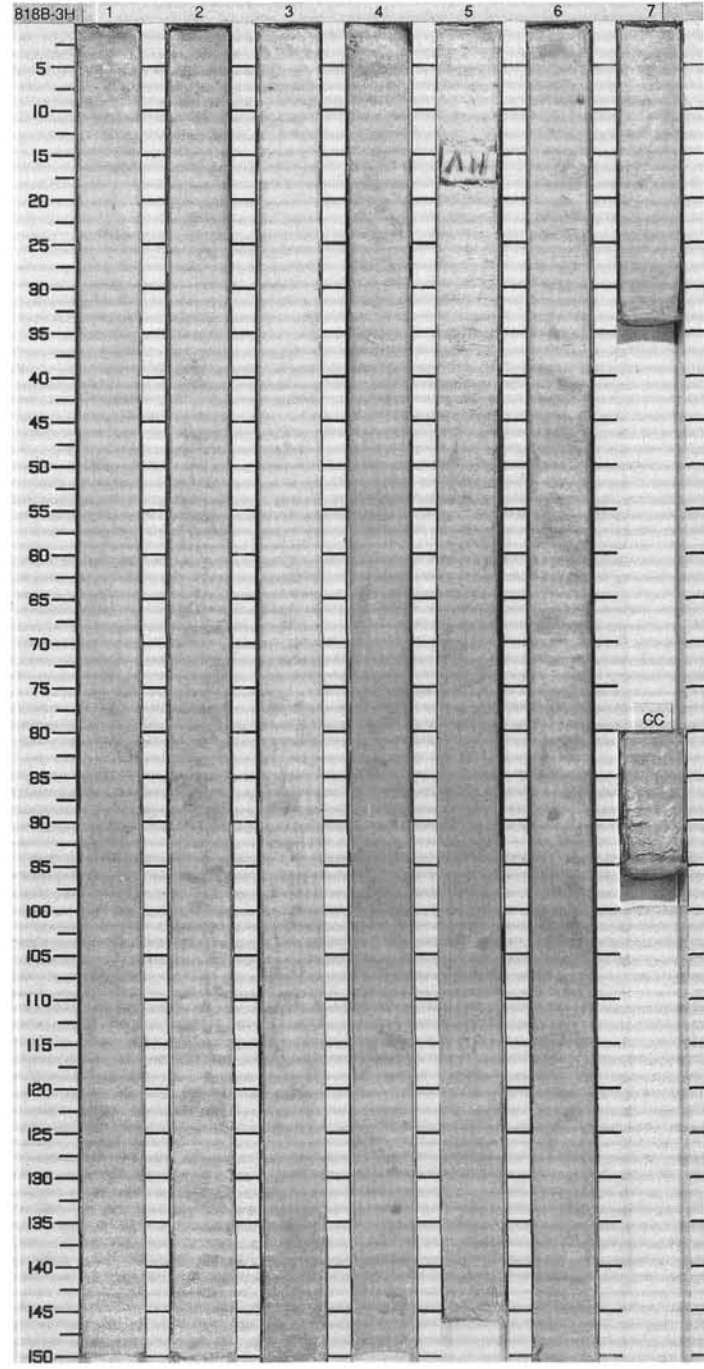




TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS		PHYS. PROPERTIES		CHEMISTRY		SECTION		METERS		GRAPHIC LITHOLOGY		DRILLING DISTURB.		SED. STRUCTURES		SAMPLES		LITHOLOGIC DESCRIPTION																																																																														
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																																																																																			
PLEISTOCENE		N22 - N23 CN14a				N		60.7% 1.82		95.5%		1		0.5 1.0		VOID								MICRITE OOZE TO MICRITE NANNOFOSSIL OOZE																																																																														
A/M		N22 - N23 CN14a				N		62.1% 1.71		95.5%		2												Major lithology: This core contains white (5Y 8/1) MICRITE OOZE with NANNOFOSSILS, LITHOCLASTS and BIOCLASTS in Section 2, and Section 3. 0-69 cm, and MICRITIC NANNOFOSSIL to NANNOFOSSIL MICRITE OOZE in Section 4, Section 5 and Section 6. The color is white (10YR 8/1) to light gray (10YR 7/1). Light gray (10YR 7/1) MICRITE OOZE with NANNO- FOSSILS and BIOCLASTS occurs in Section 7.																																																																														
						N		59.7% 1.82		90.5%		3												Minor lithology: MICRITE OOZE with BIOCLASTS and CALCITE SPICULES, white (10YR 8/1) occurs in Section 1; a white (7.5YR 8/0) NANNOFOSSIL OOZE with BIOCLASTS in Section 3, 69-150 cm. A NANNOFOSSIL OOZE, white (10YR 8/1), occurs in Section 4, 130-150 cm.																																																																														
						N		60.0% 1.80		97.0%		4												SMEAR SLIDE SUMMARY (%):																																																																														
						N		61.5% 1.77		95.9%		5												<table border="1"> <tr> <td></td> <td>1.60</td> <td>1.75</td> <td>3.100</td> <td>4.116</td> <td>4.134</td> <td>7.75</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table>			1.60	1.75	3.100	4.116	4.134	7.75		D	D	D	D	D	D																																																															
	1.60	1.75	3.100	4.116	4.134	7.75																																																																																																
	D	D	D	D	D	D																																																																																																
						N		61.1% 1.77		95.2%		6												COMPOSITION:																																																																														
						N		96.5%				7												<table border="1"> <tr> <td>Aragonite</td> <td>---</td> <td>5</td> <td>---</td> <td>---</td> <td>3</td> <td>---</td> </tr> <tr> <td>Bioclast</td> <td>10</td> <td>20</td> <td>10</td> <td>10</td> <td>5</td> <td>10</td> </tr> <tr> <td>Feldspar</td> <td>---</td> <td>---</td> <td>---</td> <td>Tr</td> <td>---</td> <td>---</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>5</td> <td>10</td> <td>5</td> <td>10</td> <td>10</td> </tr> <tr> <td>Intraclasts</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>5</td> </tr> <tr> <td>Lithoclast</td> <td>20</td> <td>5</td> <td>15</td> <td>15</td> <td>---</td> <td>10</td> </tr> <tr> <td>Micrite</td> <td>39</td> <td>35</td> <td>37</td> <td>27</td> <td>15</td> <td>36</td> </tr> <tr> <td>Nannofossils</td> <td>15</td> <td>15</td> <td>20</td> <td>40</td> <td>65</td> <td>25</td> </tr> <tr> <td>Quartz</td> <td>Tr</td> <td>---</td> <td>Tr</td> <td>1</td> <td>---</td> <td>---</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>---</td> <td>5</td> <td>2</td> <td>---</td> <td>2</td> </tr> <tr> <td>Tunicate</td> <td>3</td> <td>15</td> <td>3</td> <td>---</td> <td>2</td> <td>---</td> </tr> </table>		Aragonite	---	5	---	---	3	---	Bioclast	10	20	10	10	5	10	Feldspar	---	---	---	Tr	---	---	Foraminifers	10	5	10	5	10	10	Intraclasts	---	---	---	---	---	5	Lithoclast	20	5	15	15	---	10	Micrite	39	35	37	27	15	36	Nannofossils	15	15	20	40	65	25	Quartz	Tr	---	Tr	1	---	---	Spicules	3	---	5	2	---	2	Tunicate	3	15	3	---	2	---
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Bioclast	10	20	10	10	5	10																																																																																																
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Micrite	39	35	37	27	15	36																																																																																																
Nannofossils	15	15	20	40	65	25																																																																																																
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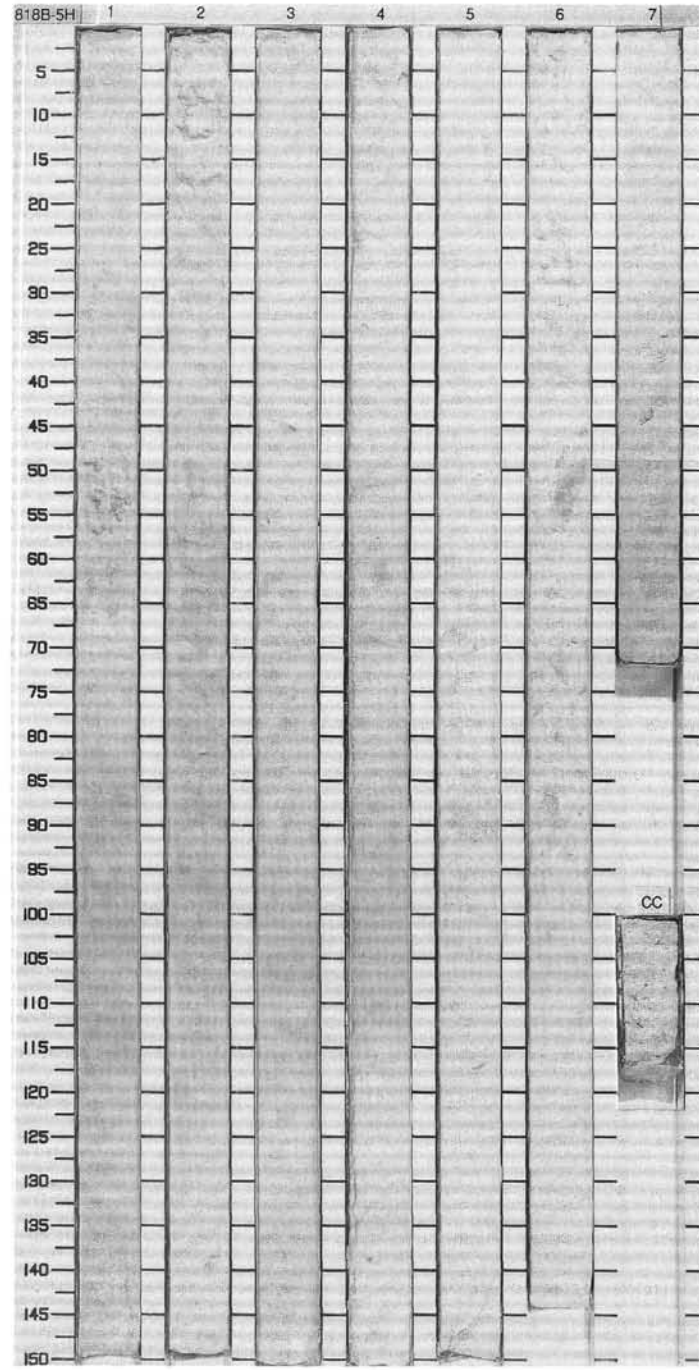


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																								
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																																		
A/M PLEISTOCENE N22 - N23 CN14a					N	63.2% ● 1.81	● 97.3%	1	0.5 1.0				*	<p>NANNOFOSSIL MICRITE OOZE to MICRITE OOZE with NANNOFOSSILS</p> <p>Major lithology: This core contains light gray (10YR 7/1) to white (5Y 8/1) NANNOFOSSIL MICRITE OOZE in Section 1 to Section 3, and Section 5 to Section 7, and light gray (10YR 7/1) MICRITE OOZE with NANNOFOSSILS in Section 4. Minor bioturbation is well expressed by Zoophycos traces in Section 3, 0-12 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1.63</td> <td>3.75</td> <td>6.75</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>7</td> <td>10</td> <td>5</td> </tr> <tr> <td>Foraminifers</td> <td>8</td> <td>5</td> <td>10</td> </tr> <tr> <td>Lithoclast</td> <td>8</td> <td>---</td> <td>10</td> </tr> <tr> <td>Micrite</td> <td>36</td> <td>40</td> <td>30</td> </tr> <tr> <td>Nannofossils</td> <td>35</td> <td>35</td> <td>30</td> </tr> <tr> <td>Quartz</td> <td>---</td> <td>---</td> <td>Tr</td> </tr> <tr> <td>Spicules</td> <td>2</td> <td>---</td> <td>2</td> </tr> <tr> <td>Tunicate</td> <td>2</td> <td>10</td> <td>3</td> </tr> </table>		1.63	3.75	6.75	D	D	D	D	Bioclast	7	10	5	Foraminifers	8	5	10	Lithoclast	8	---	10	Micrite	36	40	30	Nannofossils	35	35	30	Quartz	---	---	Tr	Spicules	2	---	2	Tunicate	2	10	3
		1.63	3.75	6.75																																																		
	D	D	D	D																																																		
	Bioclast	7	10	5																																																		
	Foraminifers	8	5	10																																																		
	Lithoclast	8	---	10																																																		
	Micrite	36	40	30																																																		
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Tunicate	2	10	3																																																			
				N	59.3% ● 1.74	● 97.2%	2																																															
				N	59.0% ● 1.79	● 97.1%	3						*																																									
				N	61.7% ● 1.76	● 95.5%	4																																															
				N	58.5% ● 1.83	● 96.3%	5																																															
				N	59.7% ● 1.78	● 95.8%	6						*																																									
				N			7																																															





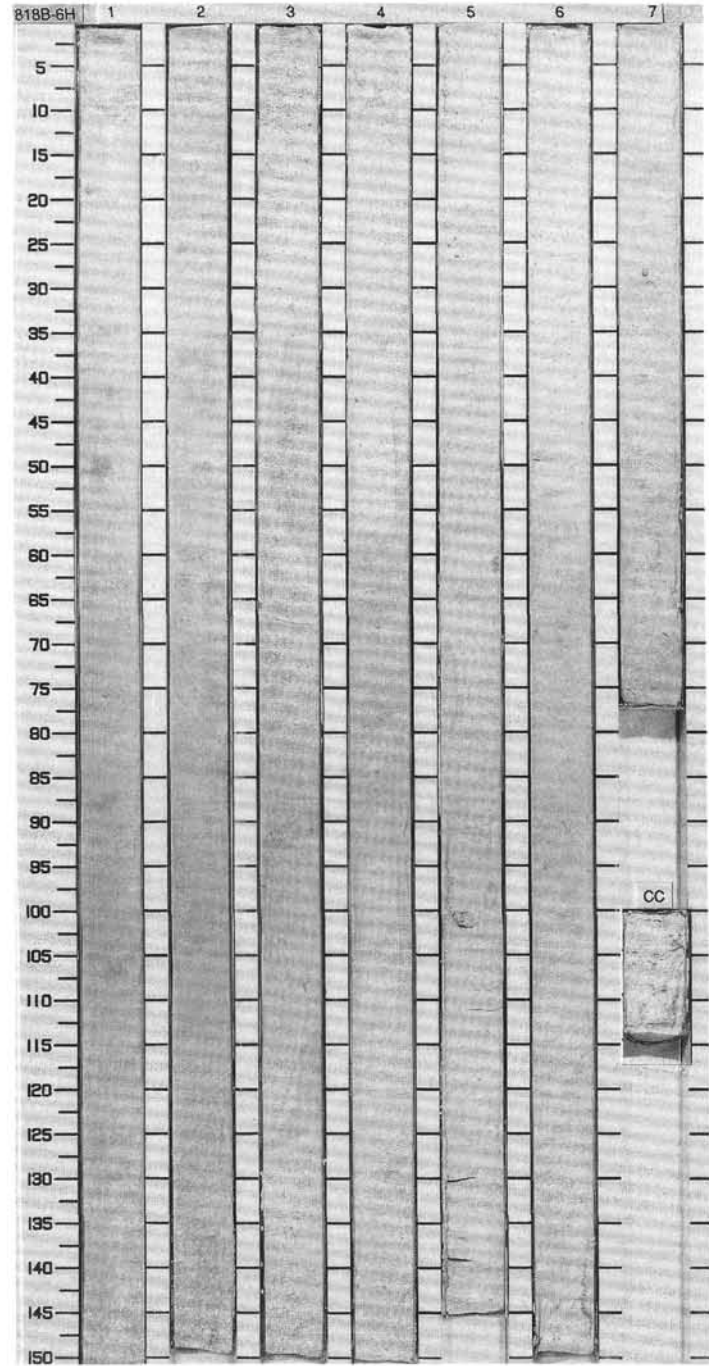
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
A/M	PLEISTOCENE				UNCERTAIN POLARITY									
	N22 - N23													
	CN13b													
					59.9%	99.1%		1	0.5					
					63.1%	98.0%		2	1.0					
					57.6%	98.4%		3						
					59.0%	98.0%		4						
					60.8%	97.2%		5						
					61.4%	96.5%		6						
					61.7%			7						
								CC						



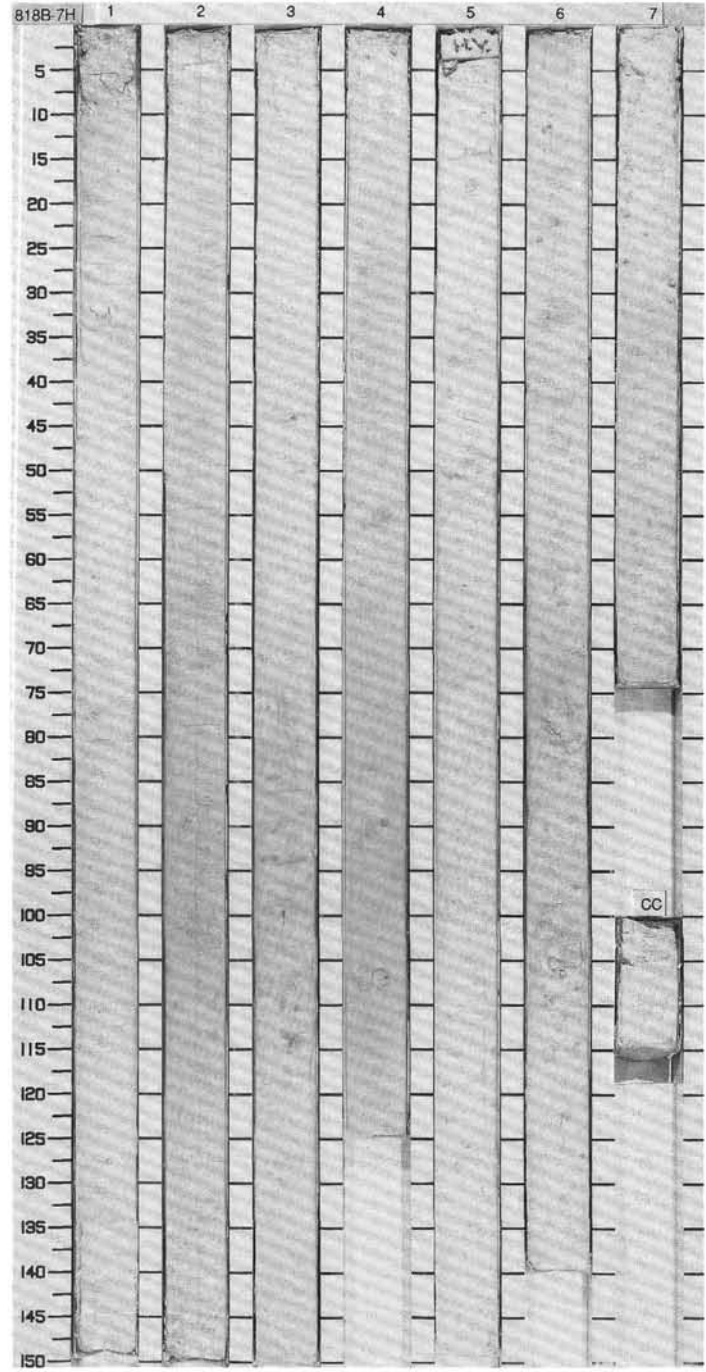


SITE 818 HOLE B CORE 6H CORED INTERVAL 46.4-55.9 mbsf

TIME - ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																																																		
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																																																																												
PLEISTOCENE	N22 - N23 CN13b				? N	● 63.3% ● 1.77%	● 94.1%	1	0.5 1.0					<p>NANNOFOSSIL OOZE with MICRITE, BIOCLASTS and FORAMINIFERS to MICRITE OOZE</p> <p>Major lithology: This core contains NANNOFOSSIL OOZE with MICRITE, BIOCLASTS and FORAMINIFERS; white (2.5Y 8/2 in Section 1 and Section 2, 10YR 8/1 in Section 4 and 6, and 5Y 8/1 in Section 7) colored. White (10YR 8/0) MICRITE OOZE occurs in Section 3, 10-125 cm with FORAMINIFERS and LITHOCLASTS. In Section 5, 85-145 cm with NANNOFOSSILS and LITHOCLASTS.</p> <p>Minor lithology: Normally graded white (10YR 8/0) FORAMINIFER OOZE occurs in Section 2, 115-150 cm, and in Section 3, 0-10 cm, and 125-150 cm, and in Section 4, 0-15 cm. LITHOCLAST MICRITE OOZE with FORAMINIFERS occurs as larger pebbles in Section 3, 10-125 cm, Section 4, 110-150 cm, and Section 5, 0-85 cm. Gray (10YR 6/1) sandy FORAMINIFER OOZE in Section 3, 0-6 cm, and Section 6, 82-104 cm are turbiditic layers.</p>																																																																																		
	N22 - N23 CN13b														N	● 59.8% ● 1.72%	● 97.2%	2						<p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 28</td> <td>2, 135</td> <td>3, 30</td> <td>3, 54</td> <td>5, 121</td> </tr> <tr> <td></td> <td>D</td> <td>M</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table>		1, 28	2, 135	3, 30	3, 54	5, 121		D	M	D	D	D																																																												
		1, 28	2, 135	3, 30																				3, 54	5, 121																																																																							
		D	M	D											D	D																																																																																
	N22 - N23 CN13b														? N	● 52.8% ● 1.88%	● 98.6%	3						<p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>---</td> <td>---</td> <td>45</td> <td>---</td> <td>---</td> </tr> <tr> <td>Silt</td> <td>---</td> <td>---</td> <td>5</td> <td>---</td> <td>---</td> </tr> <tr> <td>Clay</td> <td>---</td> <td>---</td> <td>50</td> <td>---</td> <td>---</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>18</td> <td>10</td> <td>7</td> <td>15</td> <td>9</td> </tr> <tr> <td>Foraminifers</td> <td>15</td> <td>15</td> <td>15</td> <td>15</td> <td>15</td> </tr> <tr> <td>Lithoclast</td> <td>14</td> <td>20</td> <td>20</td> <td>30</td> <td>20</td> </tr> <tr> <td>Micrite</td> <td>19</td> <td>40</td> <td>50</td> <td>30</td> <td>29</td> </tr> <tr> <td>Nannofossils</td> <td>30</td> <td>10</td> <td>5</td> <td>5</td> <td>20</td> </tr> <tr> <td>Quartz</td> <td>Tr</td> <td>---</td> <td>2</td> <td>3</td> <td>1</td> </tr> <tr> <td>Rock fragment</td> <td>---</td> <td>5</td> <td>1</td> <td>2</td> <td>---</td> </tr> <tr> <td>Spicules</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>2</td> </tr> <tr> <td>Tunicate</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>3</td> </tr> </table>	Sand	---	---	45	---	---	Silt	---	---	5	---	---	Clay	---	---	50	---	---	Bioclast	18	10	7	15	9	Foraminifers	15	15	15	15	15	Lithoclast	14	20	20	30	20	Micrite	19	40	50	30	29	Nannofossils	30	10	5	5	20	Quartz	Tr	---	2	3	1	Rock fragment	---	5	1	2	---	Spicules	---	---	---	---	2	Tunicate	---	---	---	---	3
	Sand	---	---	45																				---	---																																																																							
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Nannofossils	30	10	5	5	20																																																																																											
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N22 - N23 CN13b				N	● 61.7% ● 1.78%	● 92.5%	4																																																																																									
N22 - N23 CN13b														? N	● 55.8% ● 1.85%	● 98.2%	5																																																																															
N22 - N23 CN13b				N	● 57.7% ● 1.61%	● 94.9%	6																																																																																									
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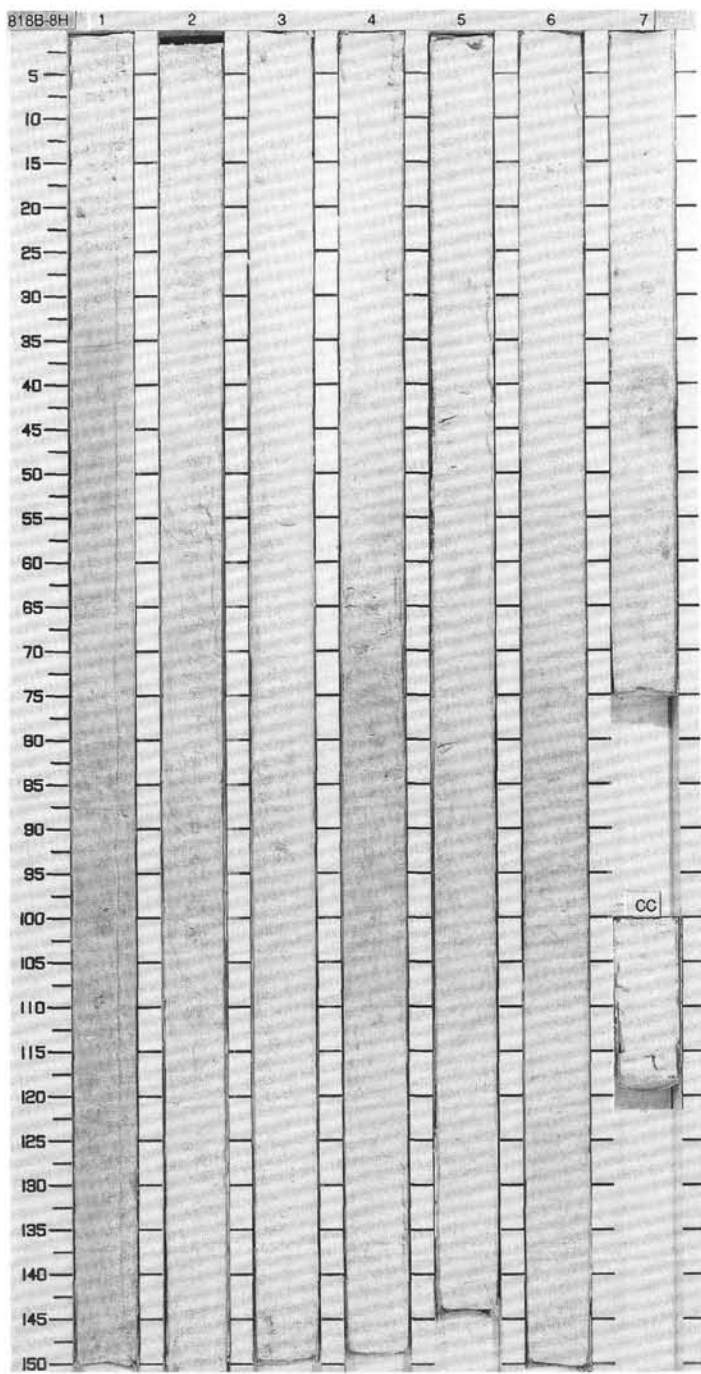


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																												
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS																																																																						
A/G PLEISTOCENE N22 - N23 CN13b					● 56.9% ● 1.77			0.5					<p>MICRITE OOZE to MICRITE NANNOFOSSIL OOZE</p> <p>Major lithology: This core contains MICRITE OOZE in Section 1, Section 6 and Section 7. The color is white (10YR 8/1), MICRITE NANNOFOSSIL OOZE, white (10YR 8/1), occurs in Section 2 and Section 3, MICRITE OOZE with FORAMINIFERS, LITHOCLASTS and NANNOFOSSILS in Section 4, NANNOFOSSIL MICRITE OOZE, white (10YR 8/1), with a possible slump between 30 and 80 cm, gray (2.5Y 6/1) colored, occurs in Section 5. Minor bioturbation appears light gray (5Y 7/2) colored.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 101</td> <td>2, 136</td> <td>4, 100</td> <td>5, 67</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>5</td> <td>—</td> <td>15</td> <td>10</td> </tr> <tr> <td>Feldspar</td> <td>Tr</td> <td>Tr</td> <td>—</td> <td>—</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>15</td> <td>15</td> <td>10</td> </tr> <tr> <td>Lithoclast</td> <td>20</td> <td>10</td> <td>17</td> <td>5</td> </tr> <tr> <td>Micrite</td> <td>33</td> <td>30</td> <td>25</td> <td>40</td> </tr> <tr> <td>Nannofossils</td> <td>20</td> <td>33</td> <td>20</td> <td>33</td> </tr> <tr> <td>Quartz</td> <td>1</td> <td>1</td> <td>Tr</td> <td>—</td> </tr> <tr> <td>Siliceous sponge spicules</td> <td>—</td> <td>—</td> <td>—</td> <td>1</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>3</td> <td>3</td> <td>1</td> </tr> <tr> <td>Tunicate</td> <td>5</td> <td>3</td> <td>5</td> <td>Tr</td> </tr> </table>		1, 101	2, 136	4, 100	5, 67		D	D	D	D	Bioclast	5	—	15	10	Feldspar	Tr	Tr	—	—	Foraminifers	10	15	15	10	Lithoclast	20	10	17	5	Micrite	33	30	25	40	Nannofossils	20	33	20	33	Quartz	1	1	Tr	—	Siliceous sponge spicules	—	—	—	1	Spicules	3	3	3	1	Tunicate	5	3	5	Tr
		1, 101	2, 136	4, 100	5, 67																																																																				
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				● 58.0% ● 1.93			1.0																																																																		
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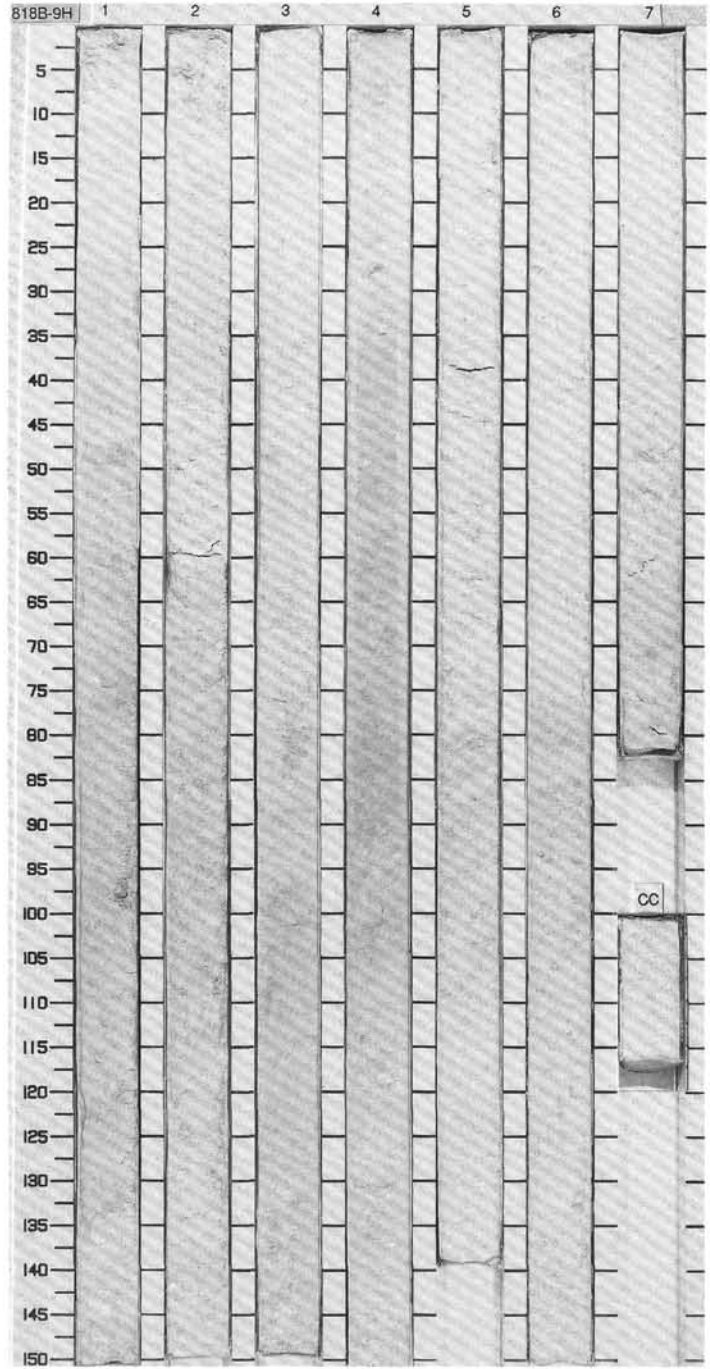
SITE 818 HOLE B CORE 8H CORED INTERVAL 65.4-74.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONS										
PLEISTOCENE														
A/M	N22 - N23													
	CN13D													
					UNCERTAIN POLARITY									
					● 57.5% 1.80	● 96.5%	1							
					● 56.7% 1.84	● 96.3%	2							
					● 57.1% 1.75	● 95.6%	3							
					● 55.7% 1.86	● 94.0%	4							
					● 50.1% 1.82	● 97.9%	5							
					● 56.7% 1.84	● 96.3%	6							
							7							
							CC							



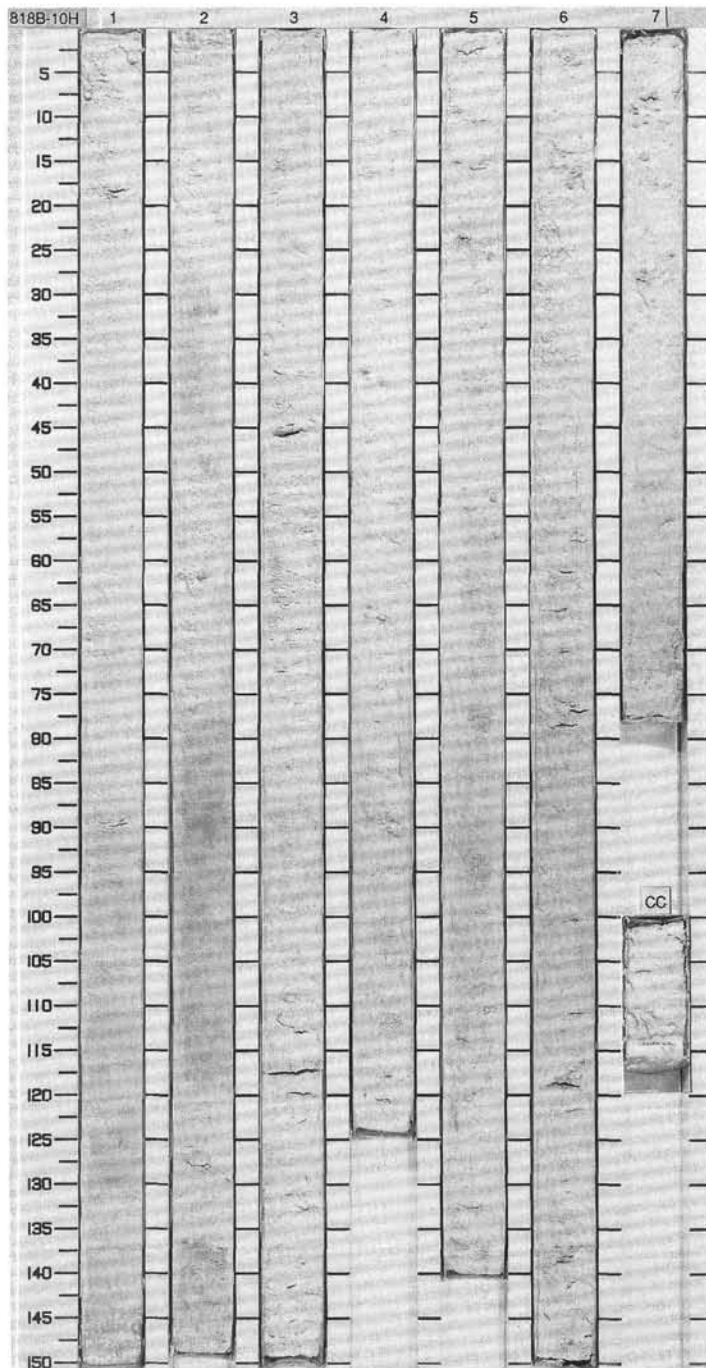


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																																																
	FORAMINIFERS	NANNOFOSSILS	RADIODIARIANS	DIAZONIS																																																																																									
PLEISTOCENE					UNCERTAIN POLARITY																																																																																								
A/M	N22 - N23 CN13a				● 58.3% ● 1.80	● 58.3% ● 1.80	● 96.3% ● 96.3%	1	0.5 1.0			*	<p>MICRITE NANNOFOSSIL OOZE</p> <p>Major lithology: This core contains MICRITE NANNOFOSSIL OOZE, white (10YR 8/1) in color. LITHOCLAST MICRITE NANNOFOSSIL OOZE occurs in Section 1 and Section 3. Chalky areas were noted in Section 1, at 100, 116, 120, and 136 cm, in Section 2, at 23, 51, 60 to 70, 82 and 98 cm, in Section 6, at 3, 100 and 130 cm, and in Section 7, at 52, 56 and 72 cm.</p> <p>Minor lithology: NANNOFOSSIL CHALK occurs in Section 2, at 60-70 cm. A NANNOFOSSIL MICRITE OOZE, white (10YR 8/1), occurs as slumped material in Section 5, 70 to 140 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 62</td> <td>4, 86</td> <td>5, 87</td> <td>7, 50</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>---</td> <td>20</td> <td>---</td> <td>---</td> </tr> <tr> <td>Silt</td> <td>---</td> <td>40</td> <td>---</td> <td>---</td> </tr> <tr> <td>Clay</td> <td>---</td> <td>40</td> <td>---</td> <td>---</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>10</td> <td>10</td> <td>3</td> <td>Tr</td> </tr> <tr> <td>Dolomite</td> <td>---</td> <td>---</td> <td>Tr</td> <td>---</td> </tr> <tr> <td>Feldspar</td> <td>1</td> <td>---</td> <td>Tr</td> <td>---</td> </tr> <tr> <td>Foraminifers</td> <td>5</td> <td>13</td> <td>8</td> <td>10</td> </tr> <tr> <td>Lithoclast</td> <td>30</td> <td>35</td> <td>15</td> <td>5</td> </tr> <tr> <td>Micrite</td> <td>22</td> <td>20</td> <td>42</td> <td>34</td> </tr> <tr> <td>Nannofossils</td> <td>25</td> <td>20</td> <td>30</td> <td>50</td> </tr> <tr> <td>Quartz</td> <td>2</td> <td>---</td> <td>Tr</td> <td>---</td> </tr> <tr> <td>Siliceous sponge spicules</td> <td>3</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Spicules</td> <td>---</td> <td>---</td> <td>1</td> <td>---</td> </tr> <tr> <td>Tunicate</td> <td>---</td> <td>---</td> <td>1</td> <td>---</td> </tr> </table>		1, 62	4, 86	5, 87	7, 50		D	D	D	D	Sand	---	20	---	---	Silt	---	40	---	---	Clay	---	40	---	---	Bioclast	10	10	3	Tr	Dolomite	---	---	Tr	---	Feldspar	1	---	Tr	---	Foraminifers	5	13	8	10	Lithoclast	30	35	15	5	Micrite	22	20	42	34	Nannofossils	25	20	30	50	Quartz	2	---	Tr	---	Siliceous sponge spicules	3	---	---	---	Spicules	---	---	1	---	Tunicate	---	---	1	---
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					● 59.8% ● 1.77	● 56.8% ● 1.82	● 97.1% ● 96.8%	2																																																																																					
					● 58.0% ● 1.80	● 97.1% ● 97.1%	3																																																																																						
					● 55.1% ● 1.78	● 96.6% ● 96.6%	4																																																																																						
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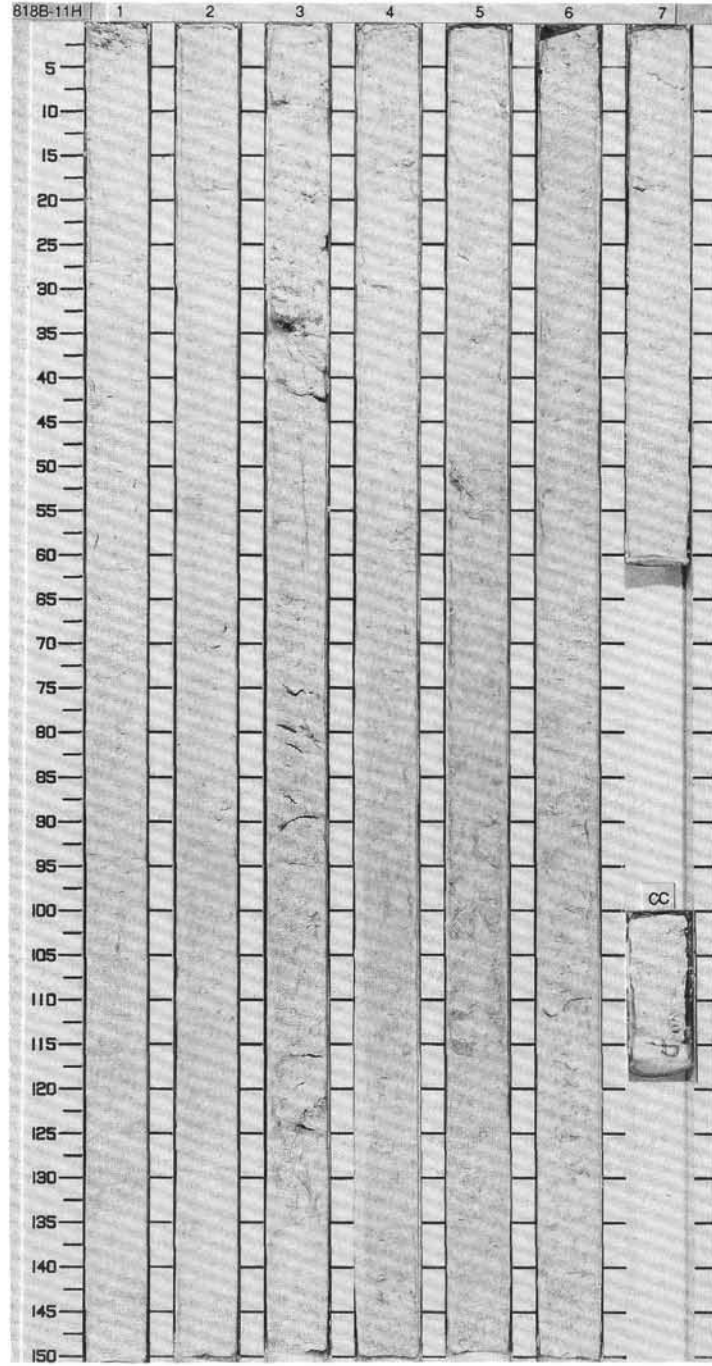


SITE 818 HOLE B CORE 10H CORED INTERVAL 84.4-93.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																														
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																								
PLIOCENE N22 - N23 CN12d						● 52.6% ● 1.86	● 98.1%	1	0.5 1.0					<p>MICRITE OOZE with NANNOFOSSILS and FORAMINIFERS to NANNOFOSSIL MICRITE OOZE with FORAMINIFERS</p> <p>Major lithology: This core contains white (10YR 8/1) MICRITE OOZE with NANNOFOSSILS and FORAMINIFERS in Section 1, 0-90 cm, Section 2, 15-26 cm, 50-80 cm, and 120-140 cm, in Section 3, 15-25, and 68 to 150 cm, in Section 4, Section 5, 0-15, and 25-35 cm, and in Section 6 and Section 7, and light gray (10YR 7/1) NANNOFOSSIL MICRITE OOZE with FORAMINIFERS. Alternations of these two lithologies occur in Section 1, Section 2 and Section 3.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>2, 115</td> <td>2, 123</td> </tr> <tr> <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>20</td> </tr> <tr> <td>Silt</td> <td>20</td> <td>30</td> </tr> <tr> <td>Clay</td> <td>70</td> <td>50</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>5</td> <td>10</td> </tr> <tr> <td>Discoaster</td> <td>Tr</td> <td>---</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>20</td> </tr> <tr> <td>Micrite</td> <td>50</td> <td>50</td> </tr> <tr> <td>Nannofossils</td> <td>35</td> <td>20</td> </tr> </table>		2, 115	2, 123	D	D	D	Sand	10	20	Silt	20	30	Clay	70	50	Bioclast	5	10	Discoaster	Tr	---	Foraminifers	10	20	Micrite	50	50	Nannofossils	35	20
		2, 115	2, 123																																									
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Discoaster	Tr	---																																										
Foraminifers	10	20																																										
Micrite	50	50																																										
Nannofossils	35	20																																										
					● 54.2% ● 1.86	● 96.1%	2																																					
					● 60.5% ● 1.76	● 96.9%	3																																					
					● 59.1% ● 1.76	● 97.4%	4																																					
					● 59.4% ● 1.76	● 97.2%	5																																					
					● 58.0% ● 1.80	● 96.7%	6																																					
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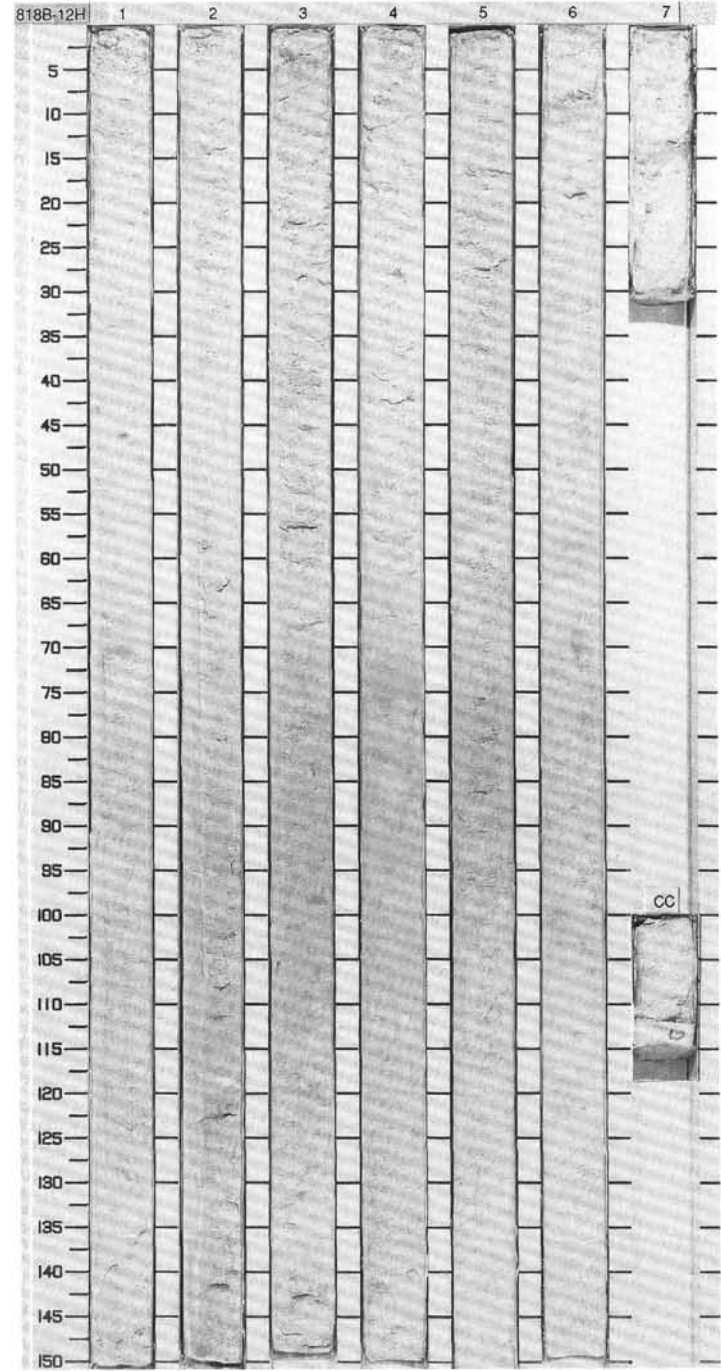


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS										
A/M	PLIOCENE N22 - N23 CN12d			UNCERTAIN POLARITY			1	0.5 1.0					<p>MICRITE NANNOFOSSIL OOZE with FORAMINIFERS to NANNOFOSSIL MICRITE OOZE with FORAMINIFERS</p> <p>Major lithology: This core contains white (10YR 8/1) MICRITE NANNOFOSSIL OOZE with FORAMINIFERS in Section 1 and Section 2, and in Section 3, between 0-120 cm, to NANNOFOSSIL MICRITE OOZE with FORAMINIFERS in Section 3, 120-150 cm, in Section 4, Section 5, 0-65 cm, Section 6, 60-150 cm, and in Section 7. In Section 5, 65-150 cm and in Section 6, 0-60 cm, a light gray (5Y 7/1) MICRITE OOZE with NANNOFOSSILS and BIO-CLASTS occurs. Chalky horizons are scattered throughout Section 1, and in Section 7, at 10, 15, and 35 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p style="margin-left: 40px;">5, 100 D</p> <p>TEXTURE:</p> <p>Sand 25 Silt 30 Clay 45</p> <p>COMPOSITION:</p> <p>Bioclast 24 Foraminifers 9 Micrite 45 Nannofossils 20 Siliceous sponge spicules 2</p>
				● 60.7% 1.74	● 90.3% 1.73	● 97.3%	2						
				● 59.1% 1.77	● 90.8% 1.78	● 97.8%	3						
				● 59.7% 1.76	● 90.8% 1.78	● 95.8%	4						
				● 60.6% 1.77	● 95.7% 1.77	● 96.5%	5						
				● 95.7%	● 95.7%		6						
							7						

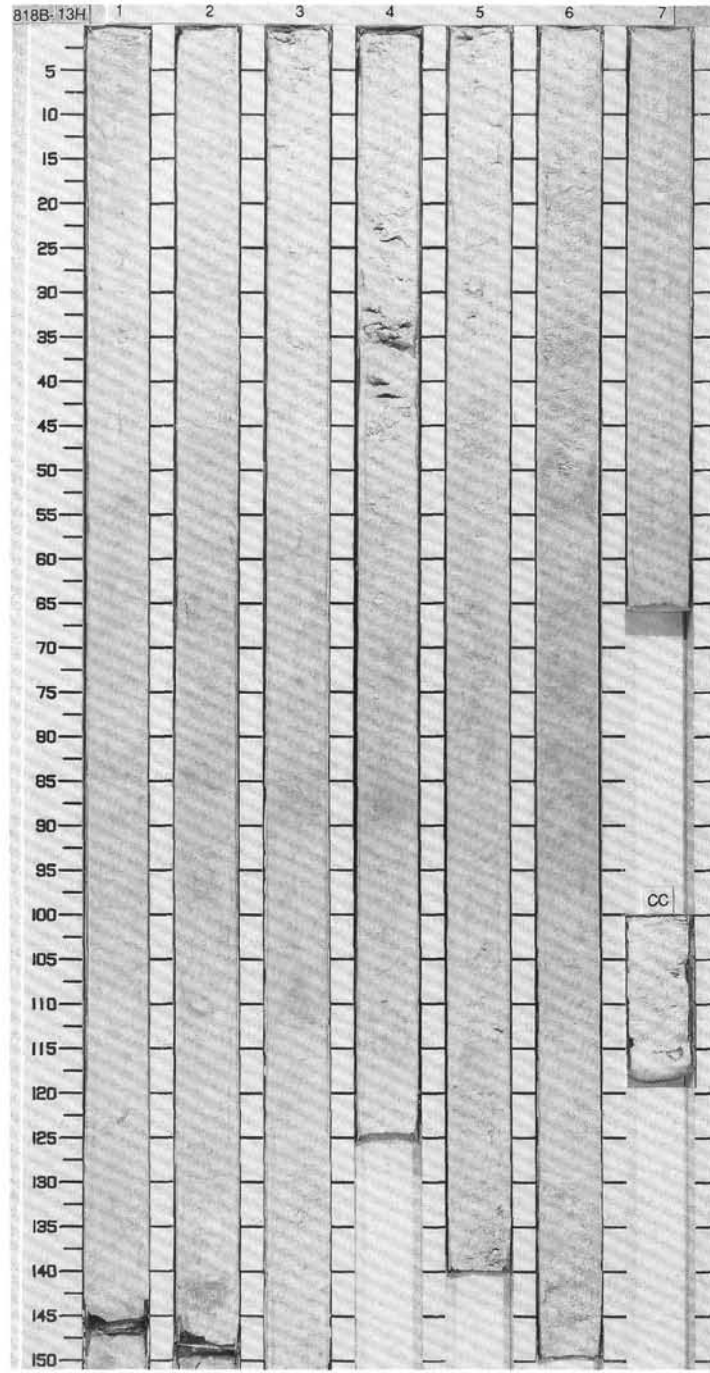


SITE 818 HOLE B CORE 12H CORED INTERVAL 103.4-112.9 mbsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS		PHYS. PROPERTIES		CHEMISTRY		SECTION		METERS		GRAPHIC LITHOLOGY		DRILLING DISTURB.		SED. STRUCTURES		SAMPLES		LITHOLOGIC DESCRIPTION
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																					
PLIOCENE		N22 - N23				UNCERTAIN POLARITY		● 90.0%		● 95.7%		1		0.5										<p>NANNOFOSSIL MICRITE OOZE with FORAMINIFERS to MICRITE OOZE with BIOCLASTS, FORAMINIFERS and NANNOFOSSILS.</p> <p>Major lithology: This core contains white (10YR 8/1) NANNOFOSSIL MICRITE OOZE with FORAMINIFERS in Section 1. and 2. 0-110 cm, in Section 5, 110-150 cm, and in Section 6 and Section 7. Light gray (5Y 7/1) MICRITE OOZE with BIOCLASTS, FORAMINIFERS and NANNOFOSSILS occurs in the remaining parts of the core. Minor bioturbation is visible due to mottling of the sediments.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p style="margin-left: 40px;">3. 100 D</p> <p>TEXTURE:</p> <p>Sand 20 Silt 30 Clay 50</p> <p>COMPOSITION:</p> <p>Bioclast 10 Foraminifers 20 Micrite 50 Nannofossils 20</p>
CN1 Zc				● 58.2%		● 96.1%		2		1.0														
A/M				● 59.7%		● 96.0%		G		1.5														
N22 - N23				● 59.8%		● 96.0%		4		2.0														
CN1 Zc				● 60.3%		● 96.1%		5		2.5														
				● 59.8%		● 97.1%		6		3.0														
				● 59.7%		● 97.1%		7		3.5														
										CC		3.5												



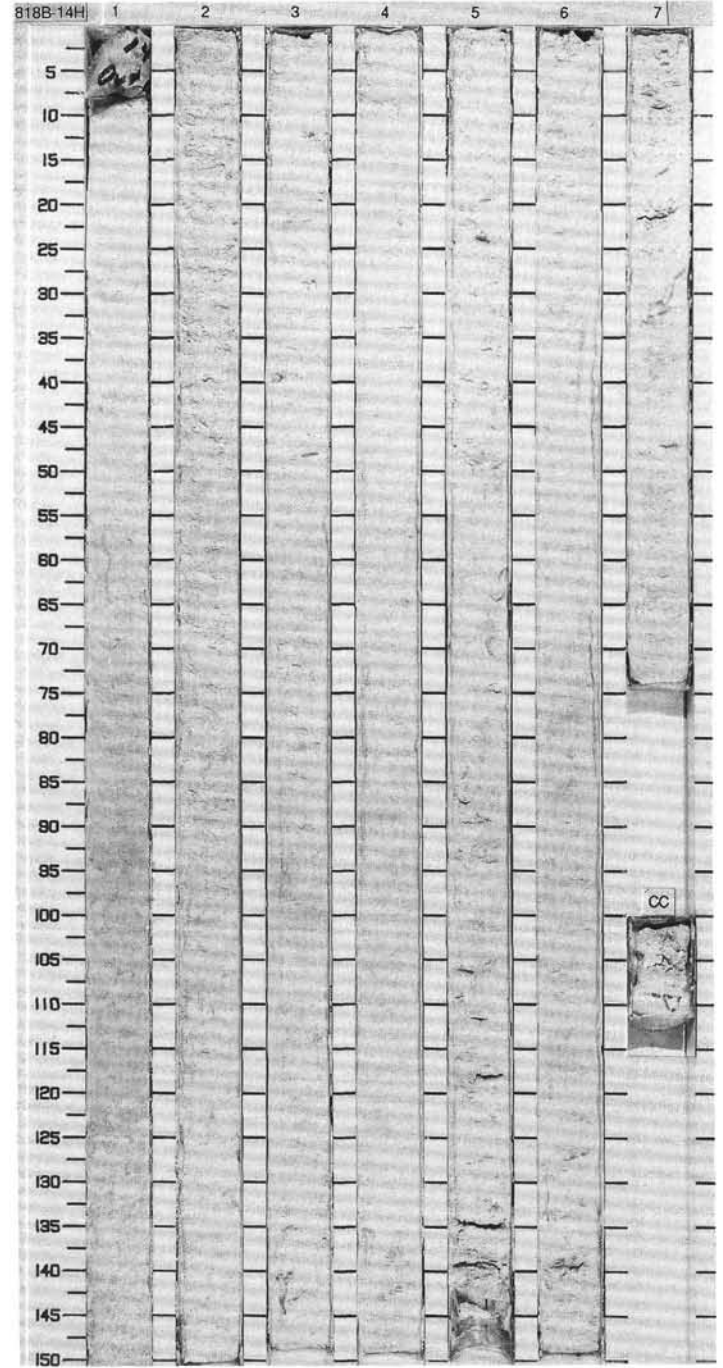
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																		
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																												
PLIOCENE	A/M	N21	CN12b		UNCERTAIN POLARITY	58.7% ● 97.3%	5.6% ● 96.1%	10.1% ● 97.0%	0.5					<p>NANNOFOSSIL MICRITE OOZE with FORAMINIFERS to MICRITE OOZE with FORAMINIFERS and NANNOFOSSILS</p> <p>Major lithology: This core contains white (5Y 8/1) NANNOFOSSIL MICRITE OOZE with FORAMINIFERS to MICRITE OOZE with FORAMINIFERS and NANNOFOSSILS. Chalky layers are scattered throughout the core.</p> <p>CORE 133-818B-14H</p> <p>MICRITE NANNOFOSSIL OOZE with FORAMINIFERS and BIOCLASTS</p> <p>Major lithology: This core contains light gray (5Y 7/2) MICRITE NANNOFOSSIL OOZE with FORAMINIFERS and BIOCLASTS in Section 1, and Section 2, 0-105 cm, and Section 3, 15-25 cm, to white (5Y 8/1) MICRITE NANNOFOSSIL OOZE with FORAMINIFERS. Minor bioturbation causes light gray (2.5Y 6/0) mottling of the sediment. Chalky lumps (~5%) are scattered throughout the core.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td>2, 75</td> <td>5, 30</td> </tr> <tr> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>26</td> <td>20</td> </tr> <tr> <td>Silt</td> <td>30</td> <td>45</td> </tr> <tr> <td>Clay</td> <td>44</td> <td>35</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Aragonite</td> <td>---</td> <td>10</td> </tr> <tr> <td>Bioclast</td> <td>15</td> <td>20</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>---</td> </tr> <tr> <td>Micrite</td> <td>44</td> <td>35</td> </tr> <tr> <td>Nannofossils</td> <td>30</td> <td>25</td> </tr> <tr> <td>Radiolarians</td> <td>---</td> <td>25</td> </tr> <tr> <td>Spicules</td> <td>1</td> <td>---</td> </tr> </table>	2, 75	5, 30	D	D	Sand	26	20	Silt	30	45	Clay	44	35	Aragonite	---	10	Bioclast	15	20	Foraminifers	10	---	Micrite	44	35	Nannofossils	30	25	Radiolarians	---	25	Spicules	1	---
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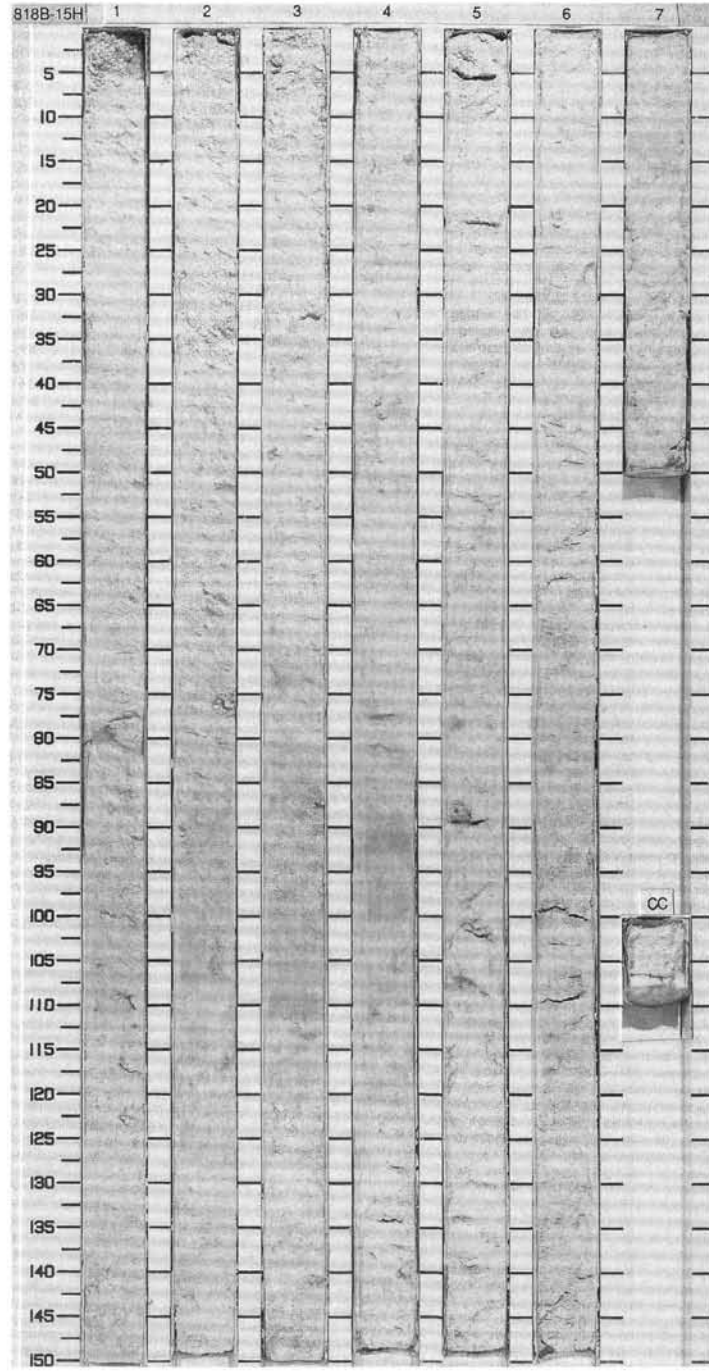


SITE 818 HOLE B CORE 14H CORED INTERVAL 122.4-131.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	ETERS	GRAPHIC LITHOLOGY	RILLING DISTURB.	ED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																				
	FORAMINIFERS	NANNOFOSSILS																																														
	RADIOLARIANS	DIATOMS																																														
PLIOCENE	N21		UNCERTAIN POLARITY	● 59.5% ● 60.4% ● 59.3% ● 61.5% ● 59.2% ● 59.2% ● 59.2%	● 96.25% ● 96.4% ● 96.3% ● 95.9% ● 96.7% ● 96.9%	1 N 3 4 5 6 7	0.5 1.0					<p>MICRITE NANNOFOSSIL OOZE with FORAMINIFERS and BIOCLASTS</p> <p>Major lithology: This core contains light gray (5Y 7/2) MICRITE NANNOFOSSIL OOZE with FORAMINIFERS and BIOCLASTS in Section 1. and Section 2 0-105 cm. and Section 3. 15-25 cm. to white (5Y 8/1) MICRITE NANNOFOSSIL OOZE with FORAMINIFERS. Minor bioturbation causes light gray (2.5Y 6/0) mottling of the sediment. Chalky lumps (~5%) are scattered throughout the core.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>2.75</td> <td>5.30</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>26</td> <td>20</td> </tr> <tr> <td>Silt</td> <td>30</td> <td>45</td> </tr> <tr> <td>Clay</td> <td>44</td> <td>35</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Aragonite</td> <td>...</td> <td>10</td> </tr> <tr> <td>Bioclast</td> <td>15</td> <td>20</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>...</td> </tr> <tr> <td>Micrite</td> <td>44</td> <td>25</td> </tr> <tr> <td>Nannofossils</td> <td>30</td> <td>25</td> </tr> <tr> <td>Radiolarians</td> <td>...</td> <td>20</td> </tr> <tr> <td>Spicules</td> <td>1</td> <td>...</td> </tr> </table>		2.75	5.30	D	D	D	Sand	26	20	Silt	30	45	Clay	44	35	Aragonite	...	10	Bioclast	15	20	Foraminifers	10	...	Micrite	44	25	Nannofossils	30	25	Radiolarians	...	20	Spicules	1	...
		2.75											5.30																																			
	D	D											D																																			
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Radiolarians	...	20																																														
Spicules	1	...																																														
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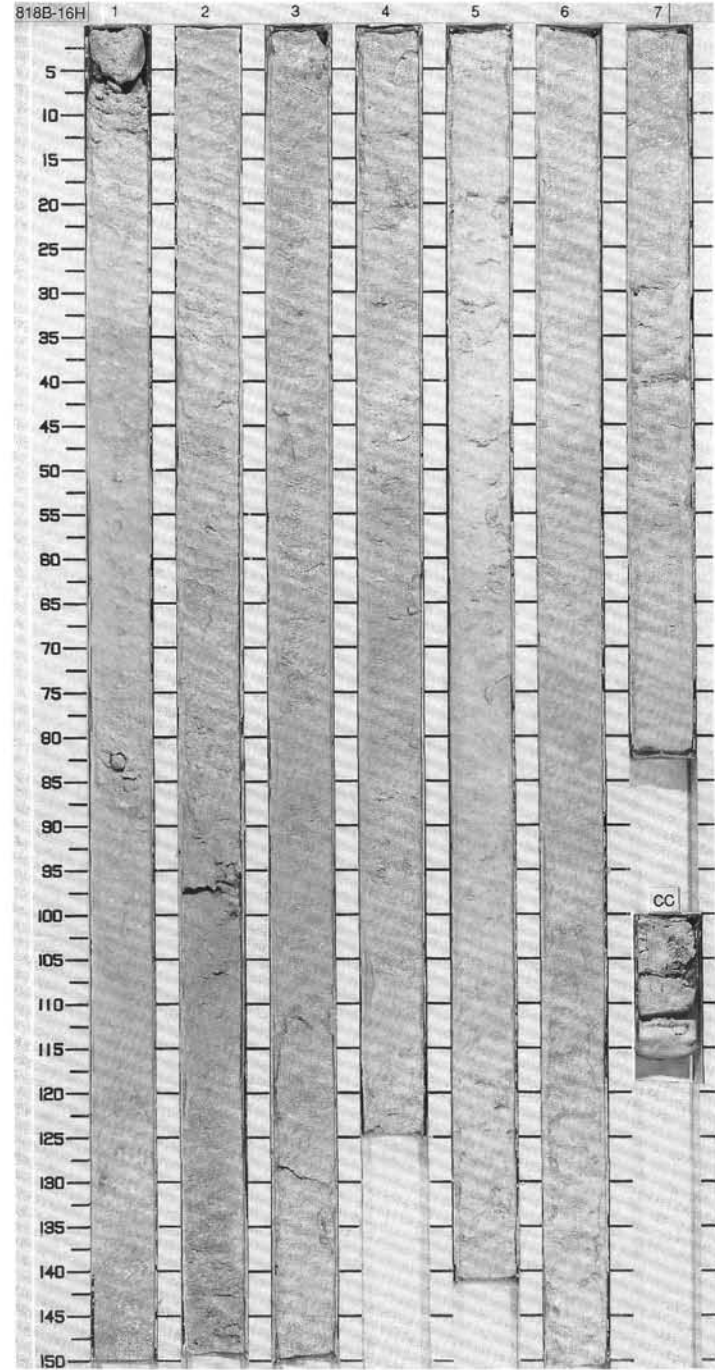


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS DIATOMS										
PLIOCENE	N21												BIOCLAST MICRITE OOZE with FORAMINIFERS and NANNOFOSSILS  Major lithology: This core contains BIOCLAST MICRITE OOZE with FORAMINIFERS and NANNOFOSSILS, white (10YR 8/1) colored. The abundance of chalk lumps is increasing in this core and reaches an abundance of up to 50%.  * SMEAR SLIDE SUMMARY (%): 1, 92 D  TEXTURE: Sand 46 Silt 14 Clay 40  COMPOSITION: Bioclast 30 Foraminifers 15 Micrite 40 Nannofossils 14 Spicules 1
C/M	CN12			UNCERTAIN POLARITY	59.5% 1.77	97.2%	1	0.5					
					59.5% 1.81	97.0%	2	1.0					
					57.5% 1.79	97.5%	3	1.5					
					58.2% 1.78	97.8%	4	2.0					
					59.2% 1.76	96.6%	5	2.5					
					59.4% 1.77	95.7%	6	3.0					
							7	3.5					

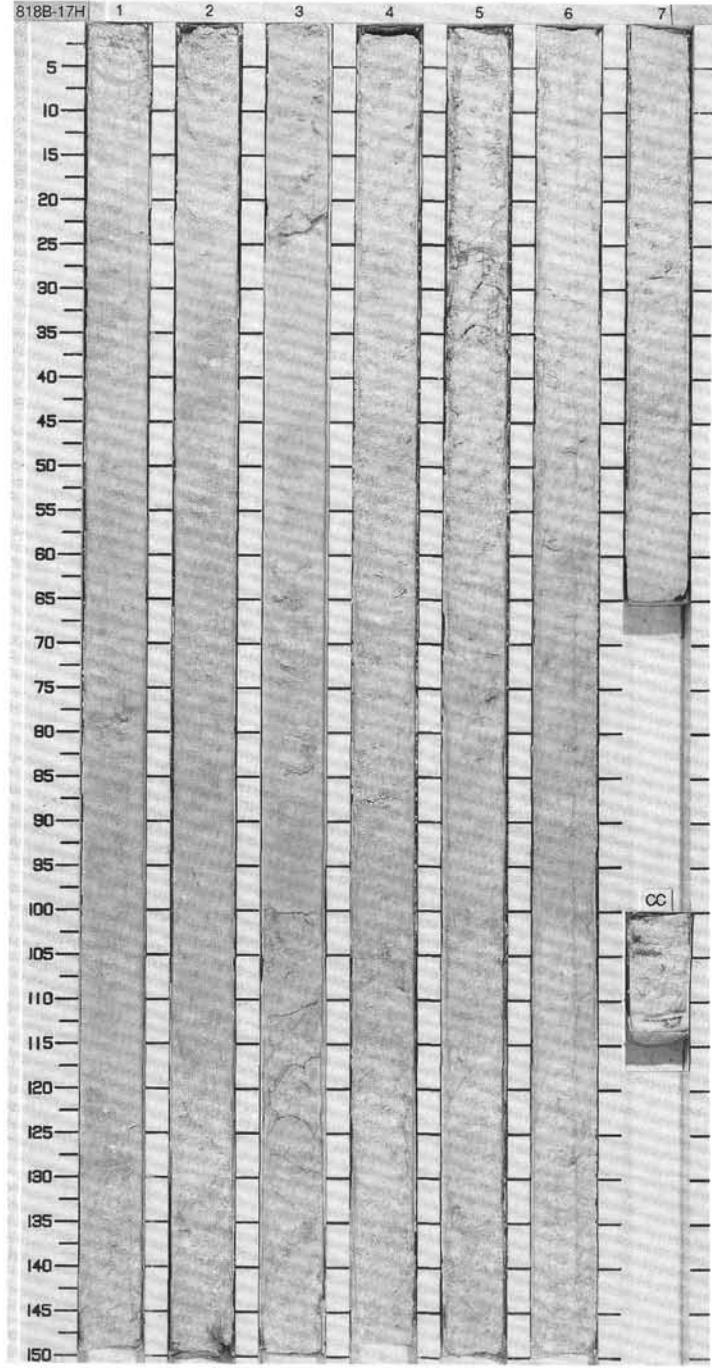


SITE 818 HOLE B CORE 16H CORED INTERVAL 141.4-150.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																															
	FORAMINIFERS	NANNOFOSSILS											RADIOLARIANS	DIATOMS																													
PLIOCENE	C/M	N21 CN12a/b	UNCERTAIN POLARITY				1	0.5	[Lithographic symbols: open circles, small squares, etc.]	*	OG	1W	MICRITE BIOCLAST OOZE with FORAMINIFERS and NANNOFOSSILS to MICRITE OOZE with BIOCLASTS, FORAMINIFERS and NANNOFOSSILS  Major lithology: FORAMINIFER NANNOFOSSIL OOZE, light gray (5Y 7/2) colored, slightly mottled, occurs in the first three sections, and in Section 4, between 0-85 cm. White (5Y 8/1) MICRITE OOZE with BIOCLASTS, FORAMINIFERS and NANNOFOSSILS occurs in Section 4, between 85-125 cm, in Section 5 and 7. An intercalation of the two lithologies occurs in Section 6. Firm ooze to chalk was noted in Section 1, 0-10, 25-35, at 45, 60, 70, and 140 cm, in Section 2 and Section 3 scattered throughout, in Section 4, between 15 and 50 cm, Section 5, at 5, 20 to 45, and 90-130 cm, in Section 6 at 5, 20, and 90-105 cm, and in Section 7, 25-65 cm.  SMEAR SLIDE SUMMARY (%):  <table border="0"> <tr> <td></td> <td>2, 106</td> <td>4, 90</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> TEXTURE:  <table border="0"> <tr> <td>Sand</td> <td>51</td> <td>31</td> </tr> <tr> <td>Silt</td> <td>19</td> <td>20</td> </tr> <tr> <td>Clay</td> <td>30</td> <td>49</td> </tr> </table> COMPOSITION:  <table border="0"> <tr> <td>Bioclast</td> <td>35</td> <td>15</td> </tr> <tr> <td>Foraminifers</td> <td>15</td> <td>15</td> </tr> <tr> <td>Micrite</td> <td>30</td> <td>49</td> </tr> <tr> <td>Nannofossils</td> <td>19</td> <td>20</td> </tr> <tr> <td>Spicules</td> <td>1</td> <td>1</td> </tr> </table>		2, 106	4, 90	D	D	D	Sand	51	31	Silt	19	20	Clay	30	49	Bioclast	35	15	Foraminifers	15	15	Micrite	30	49	Nannofossils	19	20	Spicules	1	1
								2, 106						4, 90																													
							D	D						D																													
							Sand	51						31																													
							Silt	19						20																													
							Clay	30						49																													
							Bioclast	35						15																													
Foraminifers	15	15																																									
Micrite	30	49																																									
Nannofossils	19	20																																									
Spicules	1	1																																									
			● 57.0%	● 39.4%	● 99.9%	1	1.0																																				
			● 59.6%	● 35.4%	● 99.3%	2																																					
			● 1.82	● 1.77	● 0.80	3																																					
			● 57.1%	● 1.77	● 97.3%	4																																					
			● 97.0%	● 97.0%	● 97.0%	5																																					
			● 59.5%	● 1.82	● 97.4%	6																																					
						7																																					

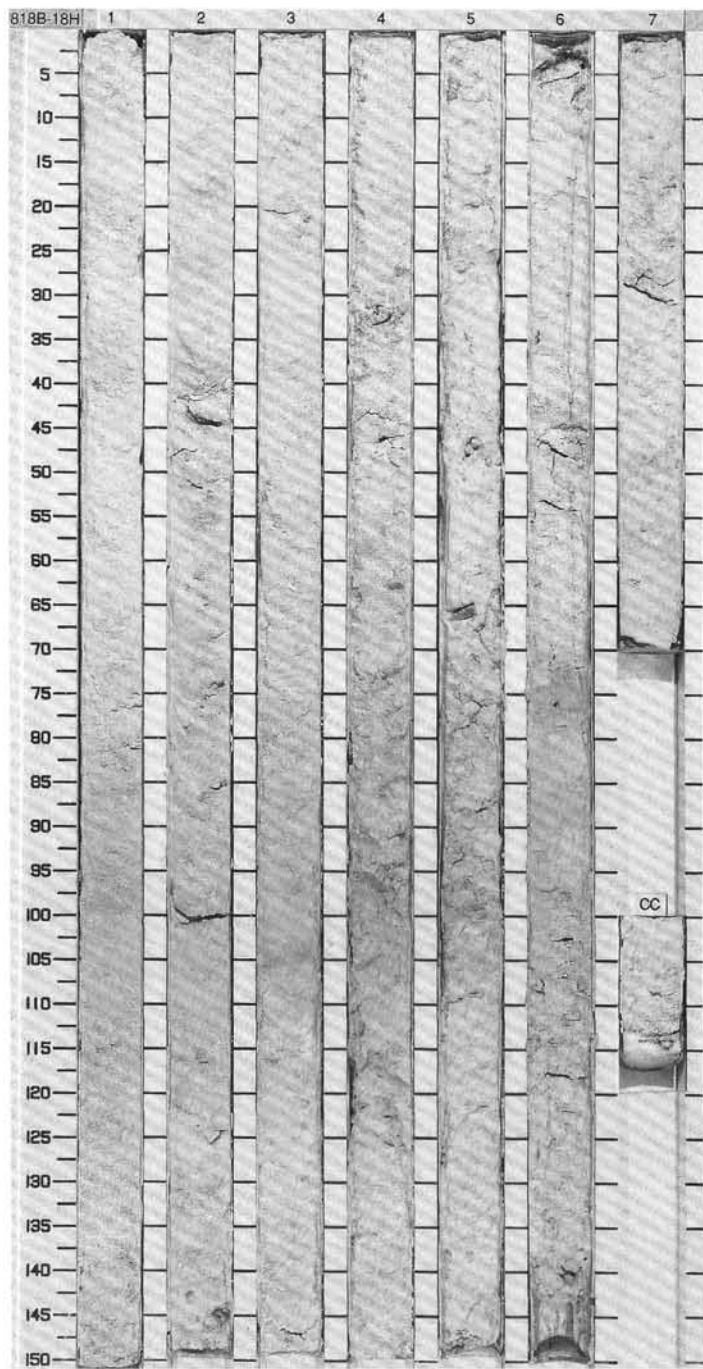


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION												
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																					
PLIOCENE	N21 CN1 2a/d					59.1% 1.76 96.7%		1	0.5				MICRITE OOZE and CHALK with BIOCLASTS, FORAMINIFERS and NANNOFOSSILS  Major Lithology: White (5Y 8/1) MICRITE OOZE and CHALK WITH BIOCLASTS, FORAMINIFERS AND NANNOFOSSILS occur in this core. 50% of the core consists of chalky lumps and irregular layers alternating with oozes. Evidence of bioturbation is seen in the mottling of the core.												
														2	1.0										
																								3	1.5
														4	2.0										
																								5	2.5
														6	3.0										
																								7	3.5
C/M																									

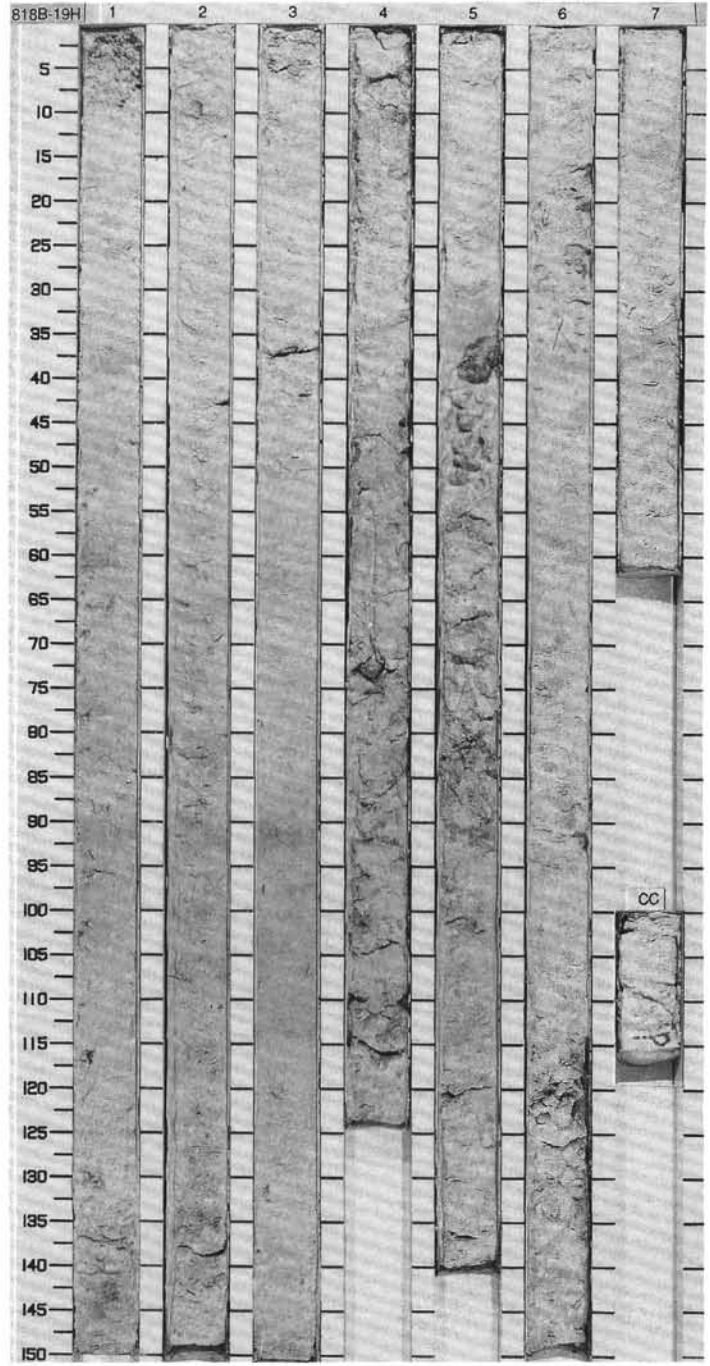
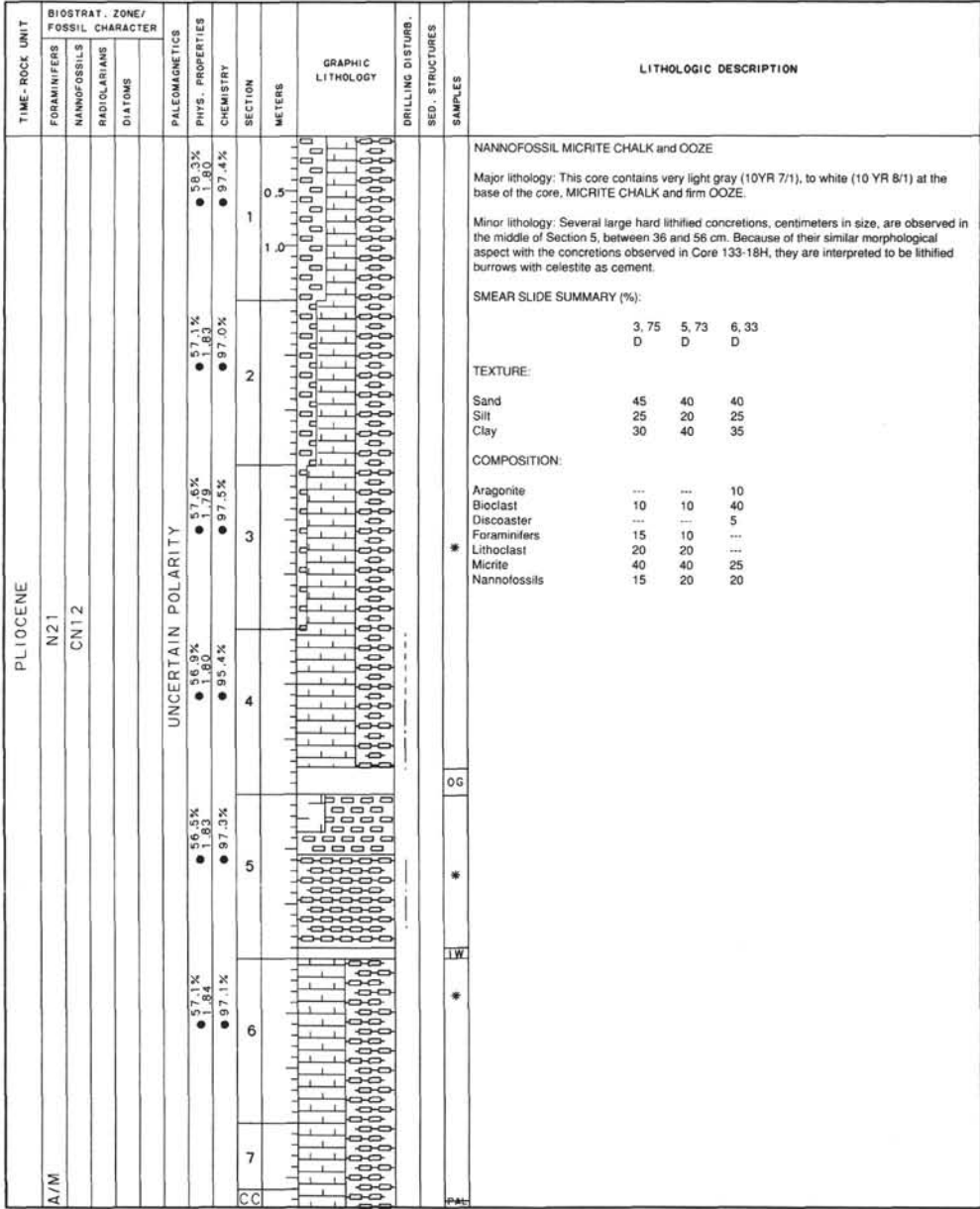


SITE 818 HOLE B CORE 18H CORED INTERVAL 160.4-169.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS		SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION	
	FORAMINIFERS	NAINFOSSILLS	RADIODIARIANS	DIAZIMS	PHYS. PROPERTIES	CHEMISTRY							
PLIOCENE	N21				UNCERTAIN POLARITY							<p>NANNOFOSSIL MICRITE OOZE and CHALK with FORAMINIFERS and BIOCLASTS</p> <p>Major lithology: This core contains white (5Y 8/1) NANNOFOSSIL MICRITE OOZE and CHALK with FORAMINIFERS and BIOCLASTS. The core consists of 50% of chalky layers and lumps, alternating with ooze intervals. Evidence of moderate bioturbation is observed through the entire core.</p> <p>Minor lithology: Several concretions of CELESTITE (1 to 2 cm in size) were found in Section 2, at 145 cm and in the middle of Section 5. Clear celestite crystals were observed in Section 2, 145 cm, as a partial infilling of a lithified burrow.</p>	
	CNT 2a/b				56.6% 1.79	97.7%							1
					59.8% 1.79	97.1%							2
					57.4% 1.74	97.9%							3
					60.1% 1.78	97.0%							4
					58.6% 1.74	97.0%							5
					58.6% 1.77	96.3%							6
						7							
A/M													

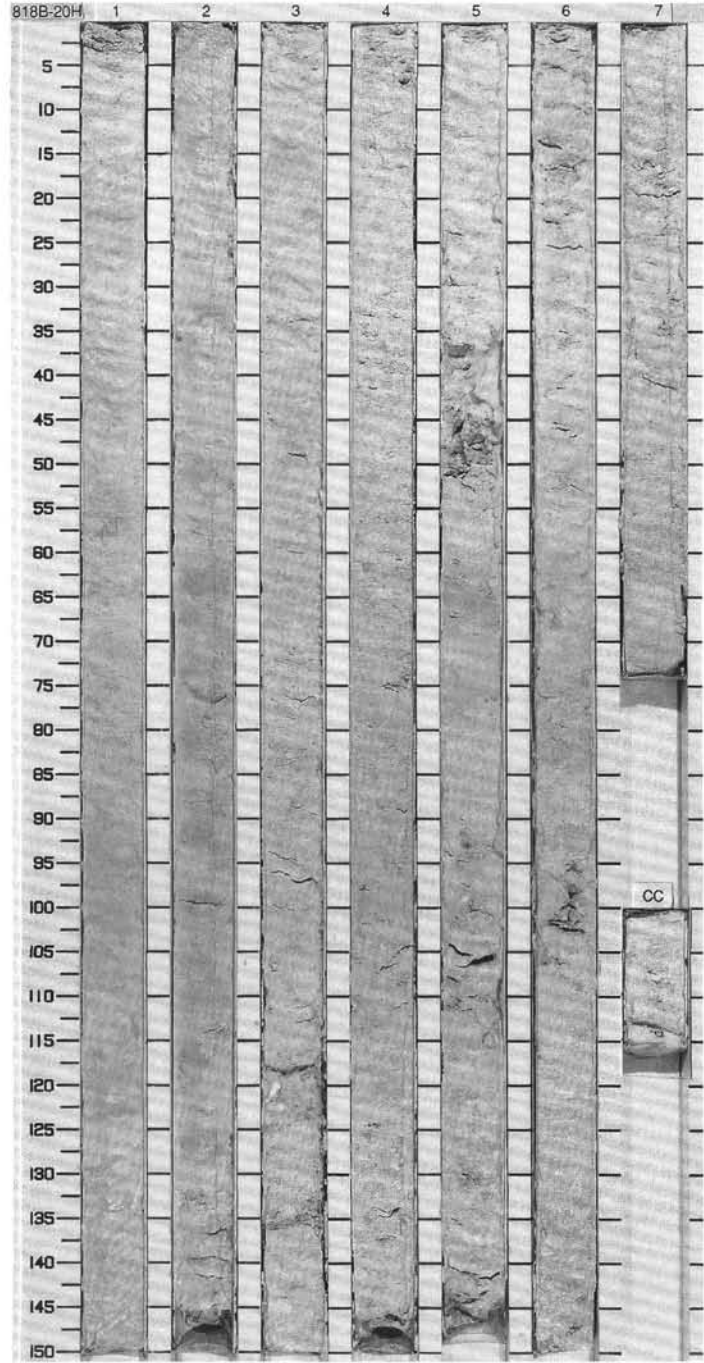




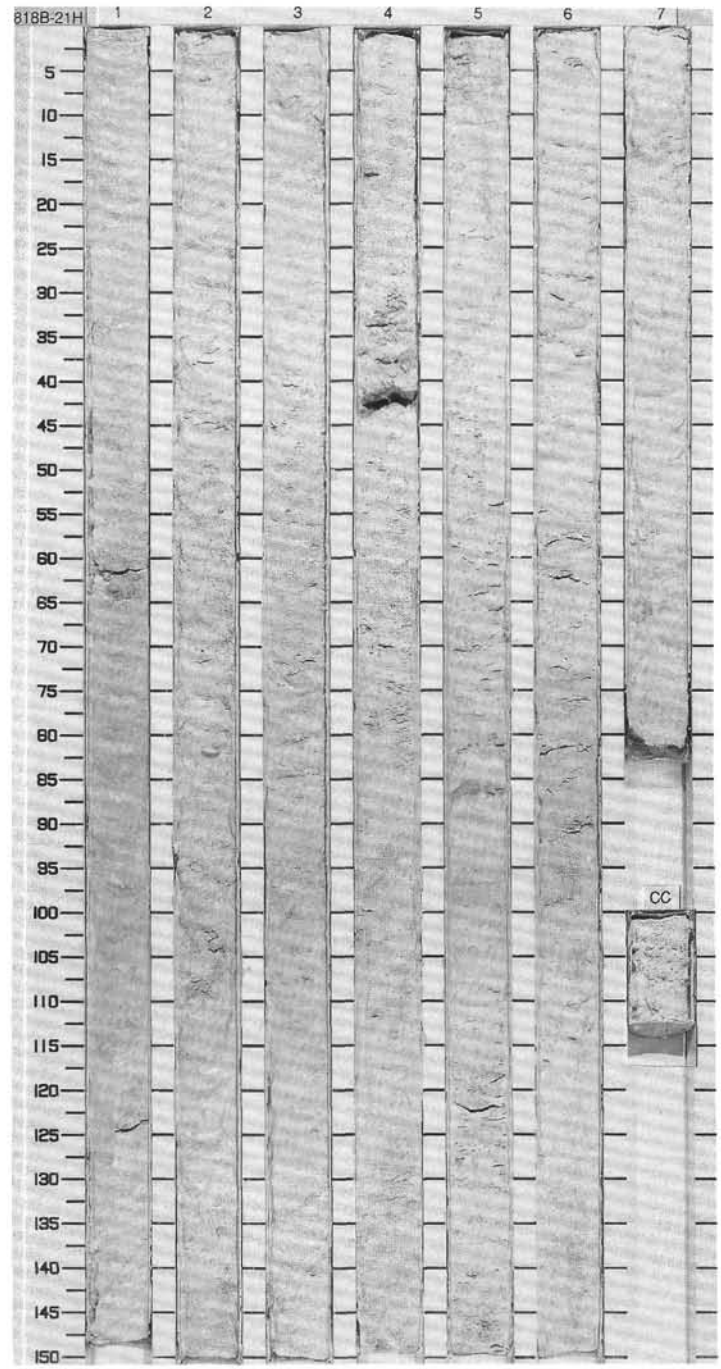


SITE 818 HOLE B CORE 20H CORED INTERVAL 179.4-188.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SEC. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																												
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZOOMS																																																																				
PLIOCENE	A/M					56.6% ● 1.82	97.3%	0.5				<p>MICRITE CHALK TO NANNOFOSSIL MICRITE CHALK</p> <p>Major lithology: Light gray (5Y 7/1) to white (5Y 8/1) MICRITE CHALK alternates with white (5Y 8/1) to light gray (5Y 7/1) NANNOFOSSIL MICRITE CHALK. In Section 2 and Section 3, foraminifers are abundant enough to be added as a minor modifier. Minor bioturbation occurs throughout this core.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>2.73</td> <td>3.75</td> <td>7.70</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>50</td> <td>35</td> <td>15</td> </tr> <tr> <td>Silt</td> <td>20</td> <td>25</td> <td>40</td> </tr> <tr> <td>Clay</td> <td>30</td> <td>40</td> <td>45</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Aragonite</td> <td>—</td> <td>10</td> <td>15</td> </tr> <tr> <td>Bioclast</td> <td>5</td> <td>10</td> <td>10</td> </tr> <tr> <td>Dolomite</td> <td>2</td> <td>—</td> <td>—</td> </tr> <tr> <td>Feldspar</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>Foraminifers</td> <td>15</td> <td>15</td> <td>5</td> </tr> <tr> <td>Lithoclast</td> <td>25</td> <td>—</td> <td>—</td> </tr> <tr> <td>Micrite</td> <td>45</td> <td>40</td> <td>40</td> </tr> <tr> <td>Nannofossils</td> <td>5</td> <td>25</td> <td>30</td> </tr> <tr> <td>Quartz</td> <td>1</td> <td>—</td> <td>—</td> </tr> <tr> <td>Rock fragment</td> <td>2</td> <td>—</td> <td>—</td> </tr> </table>		2.73	3.75	7.70	D	D	D	D	Sand	50	35	15	Silt	20	25	40	Clay	30	40	45	Aragonite	—	10	15	Bioclast	5	10	10	Dolomite	2	—	—	Feldspar	—	—	—	Foraminifers	15	15	5	Lithoclast	25	—	—	Micrite	45	40	40	Nannofossils	5	25	30	Quartz	1	—	—	Rock fragment	2	—	—
		2.73	3.75	7.70																																																																				
	D	D	D	D																																																																				
	Sand	50	35	15																																																																				
	Silt	20	25	40																																																																				
	Clay	30	40	45																																																																				
	Aragonite	—	10	15																																																																				
Bioclast	5	10	10																																																																					
Dolomite	2	—	—																																																																					
Feldspar	—	—	—																																																																					
Foraminifers	15	15	5																																																																					
Lithoclast	25	—	—																																																																					
Micrite	45	40	40																																																																					
Nannofossils	5	25	30																																																																					
Quartz	1	—	—																																																																					
Rock fragment	2	—	—																																																																					
	N21				58.3% ● 1.85	97.7%	1																																																																	
	CN12a/b				57.8% ● 1.82	97.3%	2																																																																	
					57.9% ● 1.80	97.1%	3																																																																	
					58.4% ● 1.78	96.9%	4																																																																	
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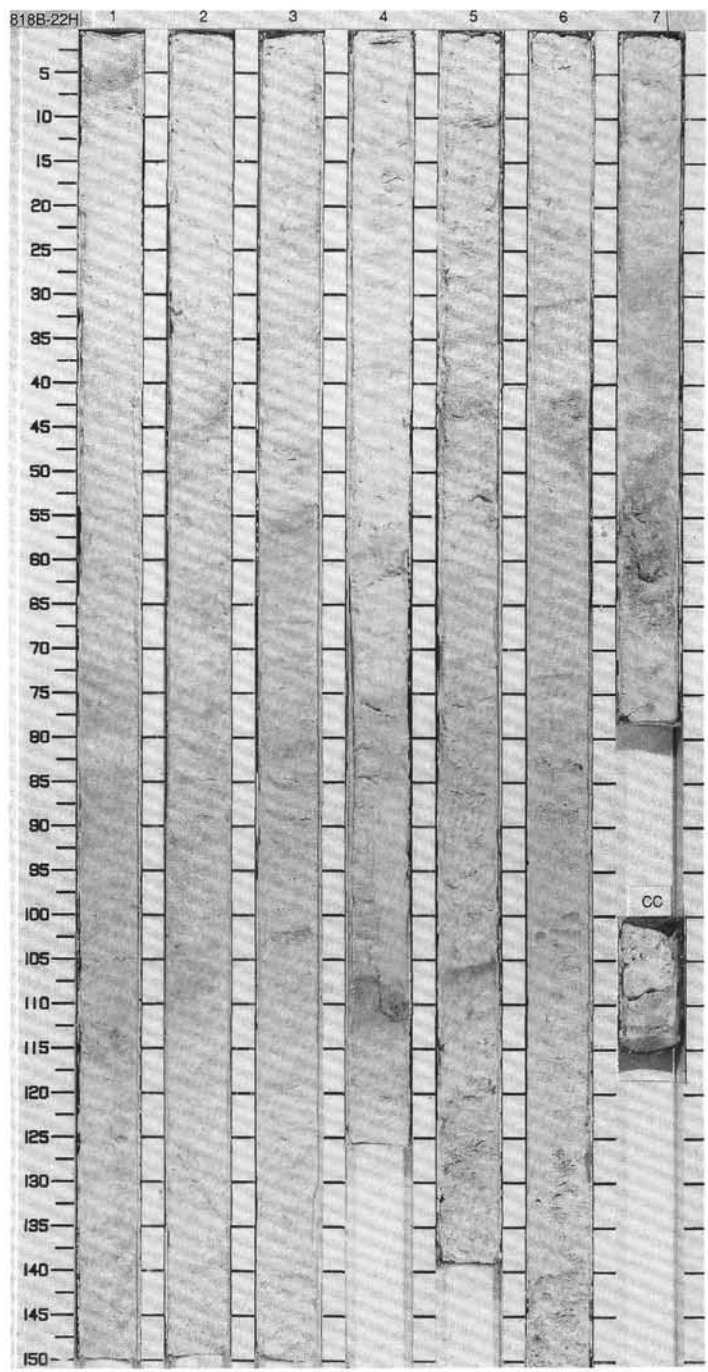


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS			SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																				
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIALOME	PHYS. PROPERTIES	CHEMISTRY																																											
PLIOCENE	A/M	N21	CN12ab	UNCERTAIN POLARITY	● 54.1%	● 94.8%	1	0.5	[Lithology: Micrite Chalk]	-	-	-	<p>MICRITE CHALK with NANNOFOSSILS and FORAMINIFERS to MICRITE CHALK</p> <p>Major lithology: This core contains MICRITE CHALK with NANNOFOSSILS and FORAMINIFERS to MICRITE CHALK, white (5Y 8/1 to 10 YR 8/1) with some white to pale brown thin beds and possible laminae in Section 2 and Section 7. Slight or no bioturbation evidence.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>2.75</td> <td>6.72</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>40</td> <td>50</td> </tr> <tr> <td>Silt</td> <td>5</td> <td>10</td> </tr> <tr> <td>Clay</td> <td>55</td> <td>40</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>5</td> <td>15</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>10</td> </tr> <tr> <td>Lithoclast</td> <td>20</td> <td>25</td> </tr> <tr> <td>Micrite</td> <td>55</td> <td>40</td> </tr> <tr> <td>Nannofossils</td> <td>5</td> <td>10</td> </tr> <tr> <td>Quartz</td> <td>2</td> <td>---</td> </tr> <tr> <td>Rock fragment</td> <td>3</td> <td>---</td> </tr> </table>		2.75	6.72	D	D	D	Sand	40	50	Silt	5	10	Clay	55	40	Bioclast	5	15	Foraminifers	10	10	Lithoclast	20	25	Micrite	55	40	Nannofossils	5	10	Quartz	2	---	Rock fragment	3	---
						2.75								6.72																																			
					D	D	D																																										
					Sand	40	50																																										
					Silt	5	10																																										
					Clay	55	40																																										
					Bioclast	5	15																																										
Foraminifers	10	10																																															
Lithoclast	20	25																																															
Micrite	55	40																																															
Nannofossils	5	10																																															
Quartz	2	---																																															
Rock fragment	3	---																																															
● 55.1%	● 96.6%	2	1.0	[Lithology: Micrite Chalk]	-	-	-																																										
● 57.7%	● 96.9%							3	1.5	[Lithology: Micrite Chalk]	-	-																																					
● 53.8%	● 96.3%	4	2.0	[Lithology: Micrite Chalk]	-	-																																											
● 53.6%	● 87.1%						5	2.5	[Lithology: Micrite Chalk]	-	-																																						
● 53.9%	● 96.0%	6	3.0	[Lithology: Micrite Chalk]	-	-																																											
● 53.9%	● 96.0%						7	3.5	[Lithology: Micrite Chalk]	-	-																																						
CC																																																	

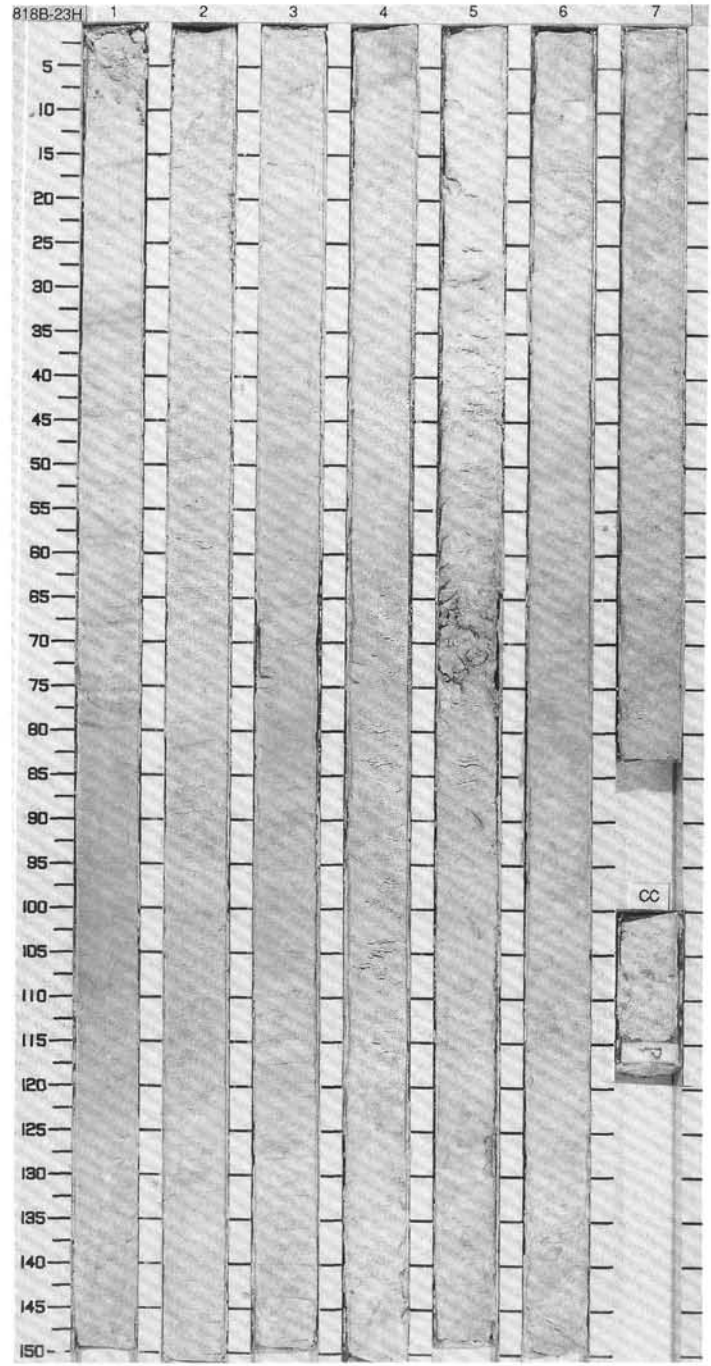


SITE 818 HOLE B CORE 22H CORED INTERVAL 198.4-207.9

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NAANNOFOSSILS	RADIOLARIANS	DIATOMS										
PLIOCENE	A/M	N21	CNT12a/b	UNCERTAIN POLARITY	● 56.3%	● 56.3%	● 95.7%	1	0.5	[Lithology symbols]				MICRITE CHALK/OOZE and MICRITE CHALK/OOZE with BIOCLASTS and FORAMINIFERS
					● 56.3%	● 56.3%	● 96.7%							
					● 56.2%	● 56.2%	● 95.5%							
					● 57.1%	● 57.1%	● 96.8%							
					● 56.7%	● 56.7%	● 96.7%							
					● 57.8%	● 57.8%	● 96.9%							
					● 54.4%	● 54.4%	● 97.0%							
● 56.7%	● 56.7%	● 96.7%	2	1.0	[Lithology symbols]			Major lithology: This core contains MICRITE CHALK/OOZE. The background color is white (10Y 8/1, 10YR 8/1) with light gray (5Y 7/1) intercalated beds or burrows, often observed as mottles, suggesting light bioturbation at its base (67 and 40 cm), of light gray (5Y 7/1) partially lithified. FORAMINIFER LITHOCLAST BIOCLAST PACKSTONE occurs on the top of Section 7, between 14 and 67 cm.						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	3	1.5	[Lithology symbols]			SMEAR SLIDE SUMMARY (%):						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	4	2.0	[Lithology symbols]			TEXTURE:						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	5	2.5	[Lithology symbols]			COMPOSITION:						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	6	3.0	[Lithology symbols]			Aragonite						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	7	3.5	[Lithology symbols]			Bioclast						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	4.0	[Lithology symbols]			Discoaster						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	4.5	[Lithology symbols]			Foraminifers						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	5.0	[Lithology symbols]			Lithoclast						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	5.5	[Lithology symbols]			Mica						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	6.0	[Lithology symbols]			Micrite						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	6.5	[Lithology symbols]			Nannofossils						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	7.0	[Lithology symbols]			Quartz						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												
● 56.7%	● 56.7%	● 96.7%	CC	7.5	[Lithology symbols]			Rock fragment						
● 56.3%	● 56.3%	● 96.7%												
● 56.2%	● 56.2%	● 95.5%												
● 57.1%	● 57.1%	● 96.8%												
● 56.7%	● 56.7%	● 96.7%												
● 57.8%	● 57.8%	● 96.9%												
● 54.4%	● 54.4%	● 97.0%												



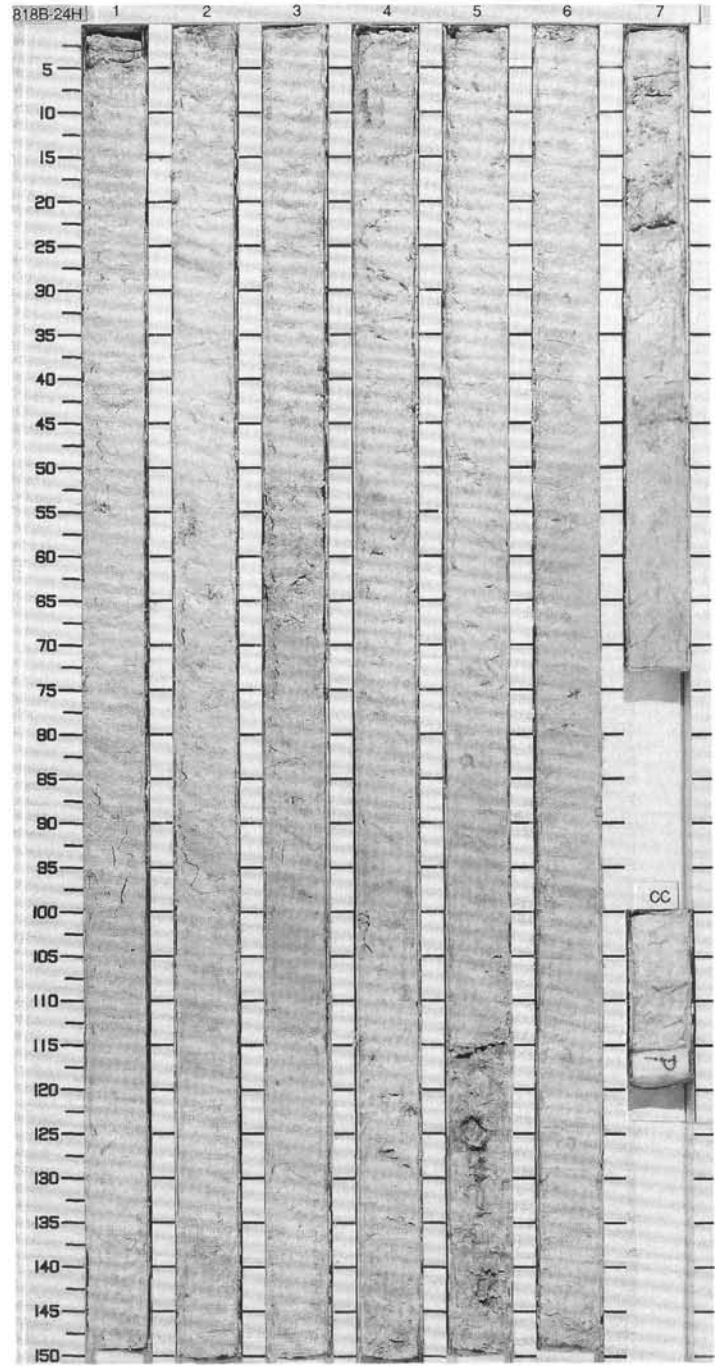
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES SAMPLES	LITHOLOGIC DESCRIPTION																																															
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS DIATOMS																																																						
A/M	PLIOCENE N18 - N19 CN12a			56.2% 1.72%	96.6%	1	0.5		* NANNOFOSSIL MICRITE CHALK/OOZE to BIOCLAST MICRITE CHALK/OOZE  Major lithology: This core contains interbedded to laminated white (10YR 8/1) NANNOFOSSIL MICRITE CHALK/OOZE and light gray (5Y 7/1) to gray (2.5Y 6/0) BIOCLAST MICRITE CHALK/OOZE. The darker layers might be resedimented material and indicate possibly distal turbidites. Contorted bedding in Section 4, between 9 and 120 cm, and in Section 7, 0 to 35 cm, are interpreted as slump features.  SMEAR SLIDE SUMMARY (%): <table border="1"> <tr> <td></td> <td>1, 80</td> <td>3, 16</td> <td>6, 8</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> TEXTURE: <table border="1"> <tr> <td>Sand</td> <td>30</td> <td>30</td> <td>20</td> </tr> <tr> <td>Silt</td> <td>10</td> <td>5</td> <td>5</td> </tr> <tr> <td>Clay</td> <td>60</td> <td>65</td> <td>75</td> </tr> </table> COMPOSITION: <table border="1"> <tr> <td>Bioclast</td> <td>15</td> <td>10</td> <td>5</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>10</td> <td>15</td> </tr> <tr> <td>Mica</td> <td>2</td> <td>3</td> <td>1</td> </tr> <tr> <td>Micrite</td> <td>60</td> <td>65</td> <td>75</td> </tr> <tr> <td>Nannofossils</td> <td>5</td> <td>5</td> <td>---</td> </tr> <tr> <td>Quartz</td> <td>3</td> <td>2</td> <td>1</td> </tr> <tr> <td>Rock fragment</td> <td>5</td> <td>5</td> <td>3</td> </tr> </table>		1, 80	3, 16	6, 8		D	D	D	Sand	30	30	20	Silt	10	5	5	Clay	60	65	75	Bioclast	15	10	5	Foraminifers	10	10	15	Mica	2	3	1	Micrite	60	65	75	Nannofossils	5	5	---	Quartz	3	2	1	Rock fragment	5	5	3
	1, 80	3, 16	6, 8																																																						
	D	D	D																																																						
Sand	30	30	20																																																						
Silt	10	5	5																																																						
Clay	60	65	75																																																						
Bioclast	15	10	5																																																						
Foraminifers	10	10	15																																																						
Mica	2	3	1																																																						
Micrite	60	65	75																																																						
Nannofossils	5	5	---																																																						
Quartz	3	2	1																																																						
Rock fragment	5	5	3																																																						
	UNCERTAIN POLARITY			53.2% 1.93%	97.1%	2	1.0																																																		
				56.1% 1.61%	96.4%	3	1.5																																																		
				56.7% 1.76%	96.75%	4	2.0																																																		
				48.8% 1.93%	97.0%	5	2.5																																																		
				54.6% 1.86%	96.9%	6	3.0																																																		
				55.2% 1.84%	95.6%	7	3.5																																																		



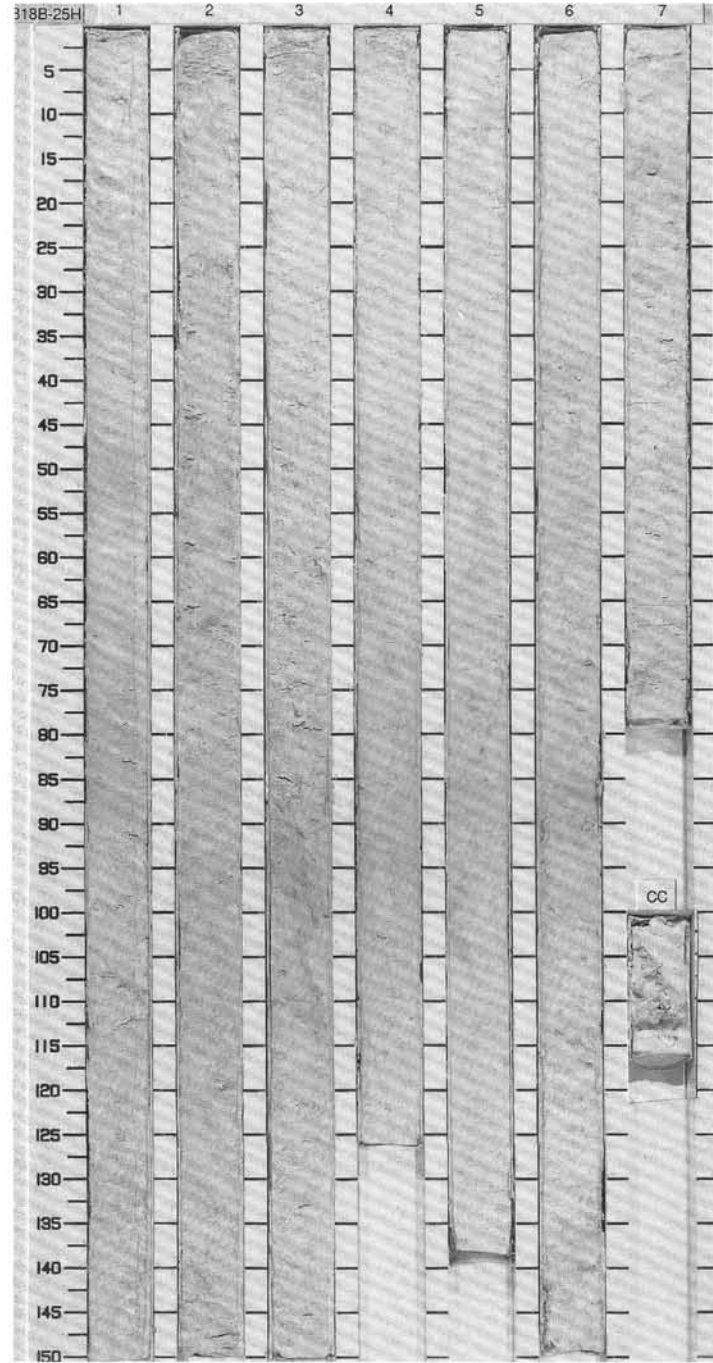


SITE 818 HOLE B CORE 24H CORED INTERVAL 217.4-226.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																								
	FORAMINIFERS	MAMMOFOSSILS											RADICULARIANS	DIATOMS																						
PLIOCENE N18 - N19 CN12a				● 57.1% ● 1.78	● 95.7%	1	0.5 1.0					<p>MICRITE CHALK to MICRITE CHALK with BIOCLASTS and FORAMINIFERS</p> <p>Major lithology: This core contains white (SY 8:1) and light gray (SY 7:1) MICRITE CHALK intercalated with MICRITE CHALK with BIOCLASTS and FORAMINIFERS. Slight bioturbation occurs throughout the core. Slightly (&lt;10 degree) inclined bedding throughout Section 2. Section 3 and Section 4 are interpreted as coring disturbances or possibly related to slumping.</p> <p>Minor lithology: Three CONCRETIONS, several cm in diameter, cemented most likely by celestite, are observed at the bottom of Section 5.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr><td></td><td>2.51</td></tr> <tr><td>D</td><td></td></tr> </table> <p>TEXTURE:</p> <table border="0"> <tr><td>Sand</td><td>30</td></tr> <tr><td>Silt</td><td>10</td></tr> <tr><td>Clay</td><td>60</td></tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr><td>Bioclast</td><td>15</td></tr> <tr><td>Foraminifers</td><td>15</td></tr> <tr><td>Lithoclast</td><td>5</td></tr> <tr><td>Mica</td><td>2</td></tr> <tr><td>Monte</td><td>58</td></tr> <tr><td>Quartz</td><td>2</td></tr> <tr><td>Rock fragment</td><td>3</td></tr> </table>		2.51	D		Sand	30	Silt	10	Clay	60	Bioclast	15	Foraminifers	15	Lithoclast	5	Mica	2	Monte	58	Quartz	2	Rock fragment	3
		2.51																																		
	D																																			
	Sand	30																																		
	Silt	10																																		
	Clay	60																																		
	Bioclast	15																																		
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Monte	58																																			
Quartz	2																																			
Rock fragment	3																																			
			● 56.1% ● 1.73	● 96.6%	2																															
			● 59.1% ● 1.79	● 95.5%	3																															
			● 57.8% ● 1.79	● 96.6%	4																															
			● 57.1% ● 1.80	● 96.6%	5																															
			● 56.9% ● 1.80	● 95.0%	6																															
A/M						7																														
						CC																														

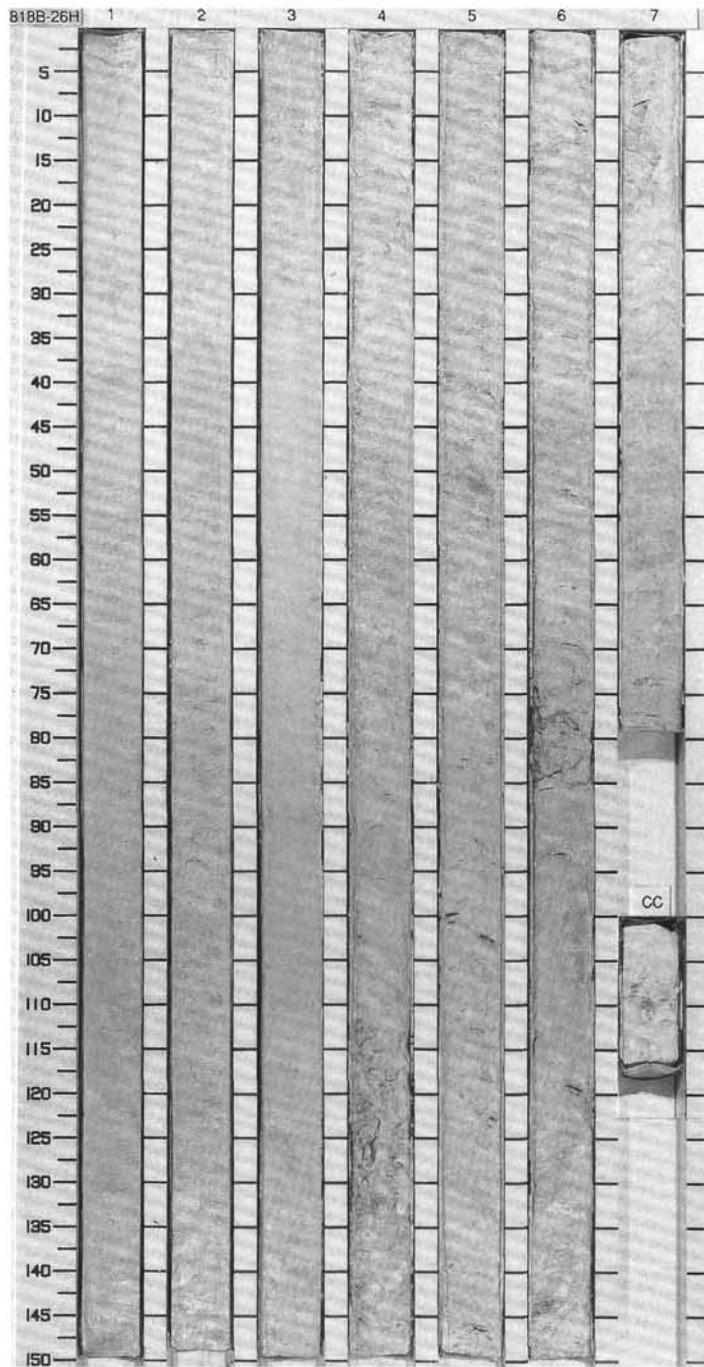


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION	
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS											
PLIOCENE					UNCERTAIN POLARITY									<p>MICRITE OOZE/CHALK to MICRITE NANNOFOSSIL OOZE/ CHALK</p> <p>Major lithology: This core contains intercalated MICRITE NANNOFOSSIL OOZE to CHALK, mostly white (5Y 8/1), with some light gray (5Y 7/1) levels. Section 1, Section 2 and half of Section 3 consist of MICRITE OOZE and CHALK. Slight bioturbation is observed throughout the core. General bedding in sections 1, 2 and 3 (0-80 cm) is inclined by 10 to 15°. Lightly contorted beds are observed in Section 3 between 80 and 115 cm.</p> <p>The top of the core might have been disturbed during drilling or represent a slump feature (?).</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p style="text-align: right;">3, 118 D</p> <p>COMPOSITION:</p> <p>Bioclast                    2 Foraminifers            5 Lithoclast                2 Micrite                    40 Nannofossils            50 Spicules                  1</p>	
A/G	N18 - N19 CN12a				56.0% ● 1.84	● 97.1%	1	0.5 1.0							
					54.8% ● 1.85	● 96.5%	2								
					55.1% ● 1.81	● 96.5%	3								
					55.6% ● 1.82	● 96.2%	4								
					56.8% ● 1.82	● 96.1%	5								
					57.3% ● 1.82	● 96.7%	6								
							7								
							CC								

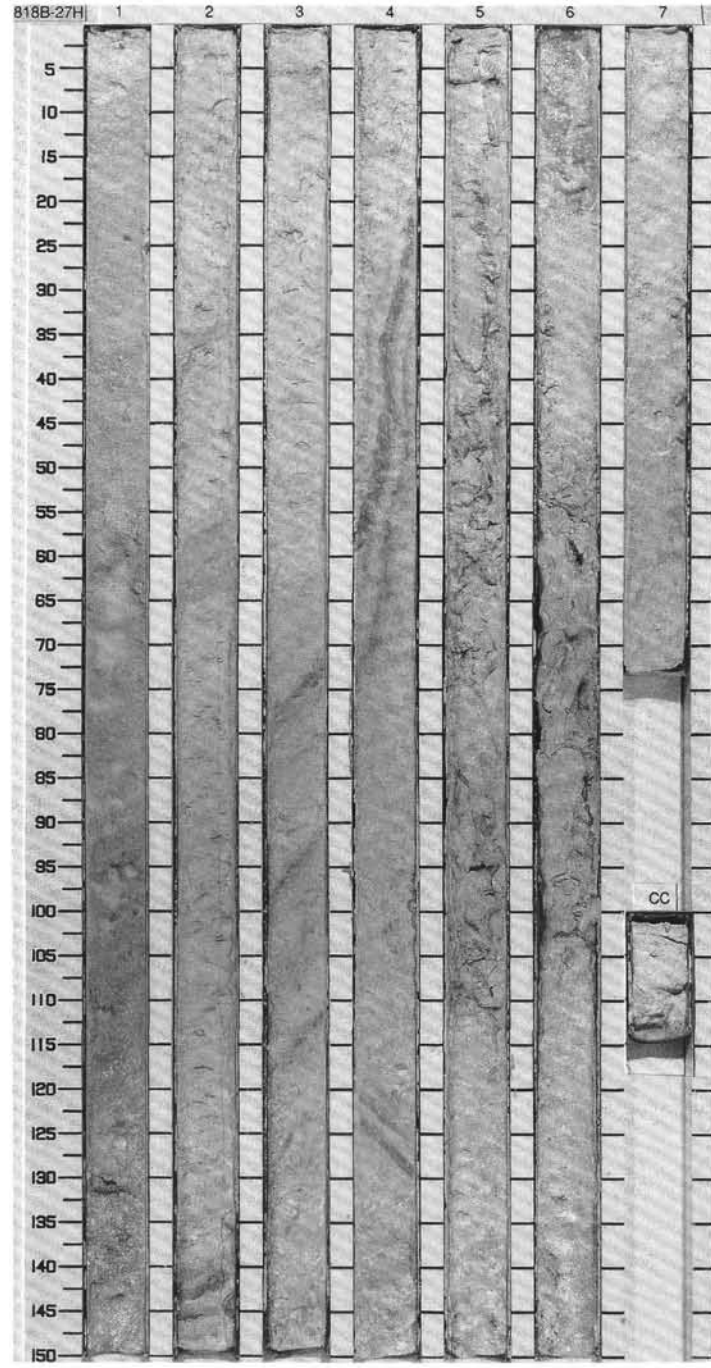


SITE 818 HOLE B CORE 26H CORED INTERVAL 236.4-245.9 mbsf

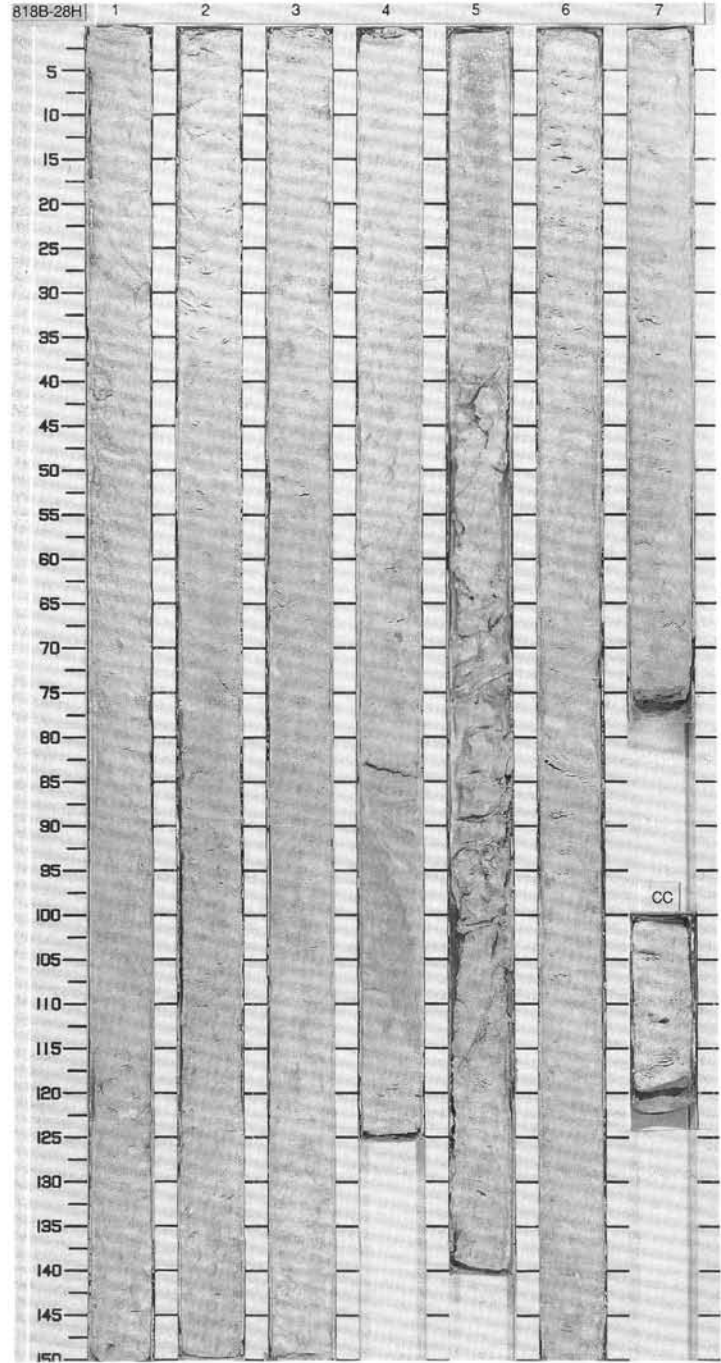
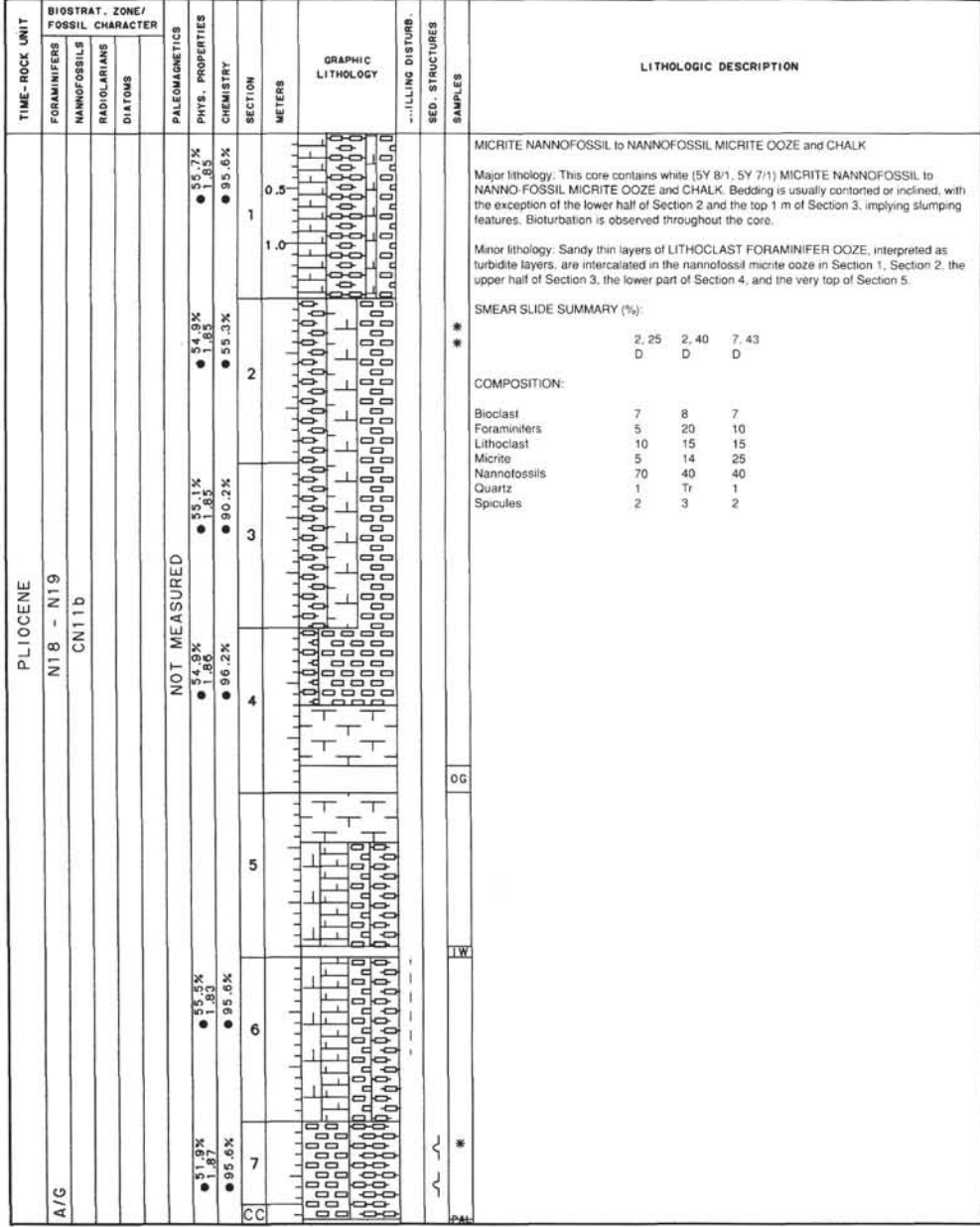
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SEP. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																												
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAATOMS																																					
PLIOCENE N18 - N19 CN12a					● 57.8% ● 1.76			0.5					<p>NANNOFOSSIL MICRITE OOZE/CHALK to MICRITE NANNOFOSSIL OOZE/CHALK</p> <p>Major lithology: This core contains white (5Y 8/1) and light gray (5Y 7/1) NANNOFOSSIL MICRITE OOZE/CHALK to MICRITE NANNOFOSSIL OOZE/CHALK. Light gray (5Y 5/1) mottling due to strong bioturbation occurs throughout the core. Possible contorted bedding occurs at the base of Section 1, 125 to 150 cm, at the base of Section 3, 125 to 150 cm, in Section 4 between 30 and 75 cm, and at the base of Section 6, 100 to 150 cm. These features might be related to slumping.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 120</td> <td>3, 80</td> <td>7, 48</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>15</td> <td>8</td> <td>30</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>15</td> <td>5</td> </tr> <tr> <td>Micrite</td> <td>20</td> <td>20</td> <td>30</td> </tr> <tr> <td>Nannofossils</td> <td>50</td> <td>55</td> <td>30</td> </tr> <tr> <td>Spicules</td> <td>5</td> <td>2</td> <td>...</td> </tr> </table>		1, 120	3, 80	7, 48		D	D	D	Bioclast	15	8	30	Foraminifers	10	15	5	Micrite	20	20	30	Nannofossils	50	55	30	Spicules	5	2	...
		1, 120	3, 80	7, 48																																					
		D	D	D																																					
	Bioclast	15	8	30																																					
	Foraminifers	10	15	5																																					
	Micrite	20	20	30																																					
	Nannofossils	50	55	30																																					
Spicules	5	2	...																																						
					● 55.2% ● 1.81		1																																		
					● 56.8% ● 1.79		2																																		
					● 97.1% ● 97.1%		3																																		
					● 58.8% ● 1.78		4																																		
					● 96.0% ● 96.5%		5																																		
					● 55.8% ● 1.82		6																																		
					● 95.7% ● 96.5%		7																																		
							CC																																		



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																																									
PLIOCENE N18 - N19 CN12a	UNCERTAIN POLARITY			● 95.7%	● 56.1%	● 1.79	1	0.5				<p>MICRITE NANNOFOSSIL OOZE/CHALK</p> <p>Major lithology: This core contains white (10YR 8/1, 5Y 8/1) and light gray (5Y 7/1) MICRITE NANNOFOSSIL OOZE and CHALK. Bedding is either highly contorted to slightly inclined in Section 2, Section 3, and Section 4, interpreted as slump features. Section 4 and Section 5 have been highly disturbed during splitting.</p> <p>Minor lithology: Two distinct sandy layers of LITHOCLAST FORAMINIFER OOZE, normally graded at their base, are observed in Section 1, 6 to 140 cm, and in Section 6, 0 to 20 cm. At the base of Section 7, burrows or small irregular beds consist, also enriched in foraminifers. Whole and fragmented phosphatized planktonic and benthic foraminifers and glauconite grains are present. These lithologies are interpreted as turbidite layers.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 125</td> <td>2, 60</td> <td>4, 130</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Aragonite</td> <td>---</td> <td>5</td> <td>---</td> </tr> <tr> <td>Bioclast</td> <td>5</td> <td>10</td> <td>10</td> </tr> <tr> <td>Foraminifers</td> <td>5</td> <td>5</td> <td>15</td> </tr> <tr> <td>Lithoclast</td> <td>10</td> <td>---</td> <td>20</td> </tr> <tr> <td>Micrite</td> <td>40</td> <td>25</td> <td>10</td> </tr> <tr> <td>Nannofossils</td> <td>40</td> <td>55</td> <td>45</td> </tr> </table>		1, 125	2, 60	4, 130		D	D	D	Aragonite	---	5	---	Bioclast	5	10	10	Foraminifers	5	5	15	Lithoclast	10	---	20	Micrite	40	25	10	Nannofossils	40	55	45
		1, 125	2, 60	4, 130																																								
		D	D	D																																								
	Aragonite	---	5	---																																								
	Bioclast	5	10	10																																								
	Foraminifers	5	5	15																																								
	Lithoclast	10	---	20																																								
Micrite	40	25	10																																									
Nannofossils	40	55	45																																									
NOT MEASURED			● 96.5%	● 56.4%	● 1.81	2	1.0																																					
UNCERTAIN POLARITY			● 96.7%	● 49.0%	● 1.81	3	1.5																																					
UNCERTAIN POLARITY			● 96.5%	● 56.5%	● 1.81	4	2.0																																					
NOT MEASURED			● 97.0%	● 56.4%	● 1.81	5	2.5																																					
UNCERTAIN POLARITY			● 96.3%	● 39.2%	● 1.80	6	3.0																																					
UNCERTAIN POLARITY			● 97.5%	● 84.0%	● 1.85	7	3.5																																					
CC																																												

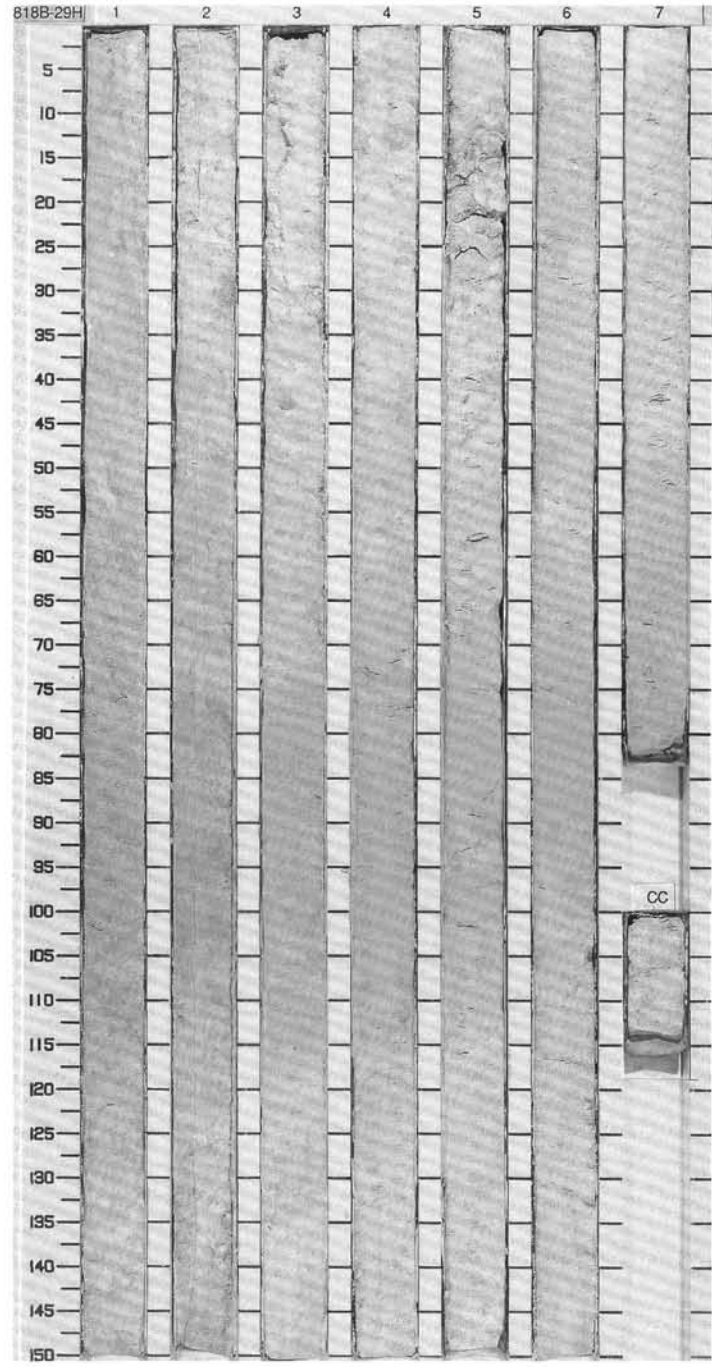


SITE 818 HOLE B CORE 28H CORED INTERVAL 255.4-264.9 mbsf



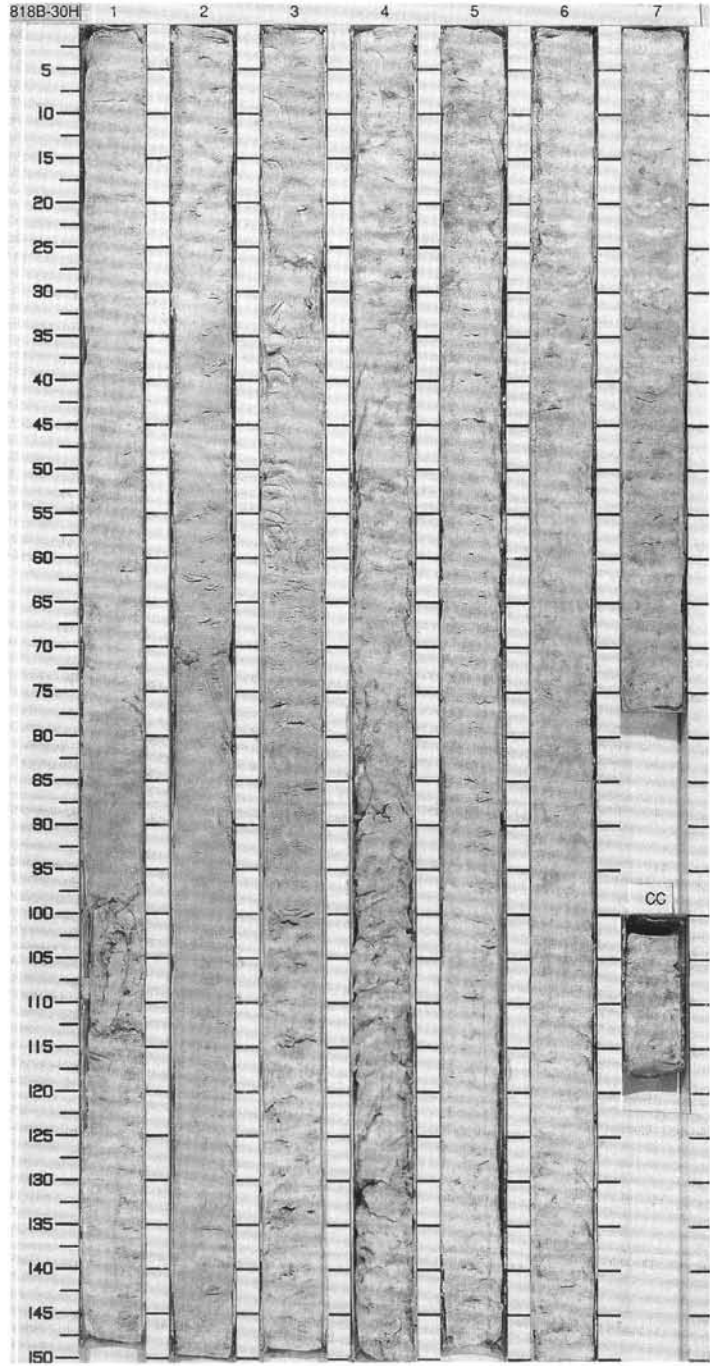


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS								
	NOT MEASURED											
PLIOCENE N18 - N19 CN11b					56.9% ● 1.81	96.1%	1	0.5				<p>MICRITE NANNOFOSSIL OOZE to CHALK with FORAMINIFERS</p> <p>Major lithology: This core contains white (5Y 7/1) MICRITE NANNOFOSSIL OOZE to CHALK. The ooze and chalk is enriched in foraminifers as a minor constituent in Section 6, Section 7 and in the core catcher, and generally highly bioturbated. Contorted or inclined beds in the top 120 cm of Section 1, in Section 5, 50-150 cm, and within Section 7, indicate slumping.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p style="text-align: right;">3, 117 D</p> <p>COMPOSITION:</p> <p>Bioclast 10 Foraminifers 10 Lithoclast 10 Micrite 25 Nannofossils 40 Quartz 2 Spicules 3</p>
					55.5% ● 1.98	96.5%	2	1.0				
					56.1% ● 1.81	96.9%	3					
					54.7% ● 1.81	96.9%	4					
					58.1% ● 1.89	96.0%	5					
					57.8% ● 1.90	96.7%	6					
							7					
A/G							CC					

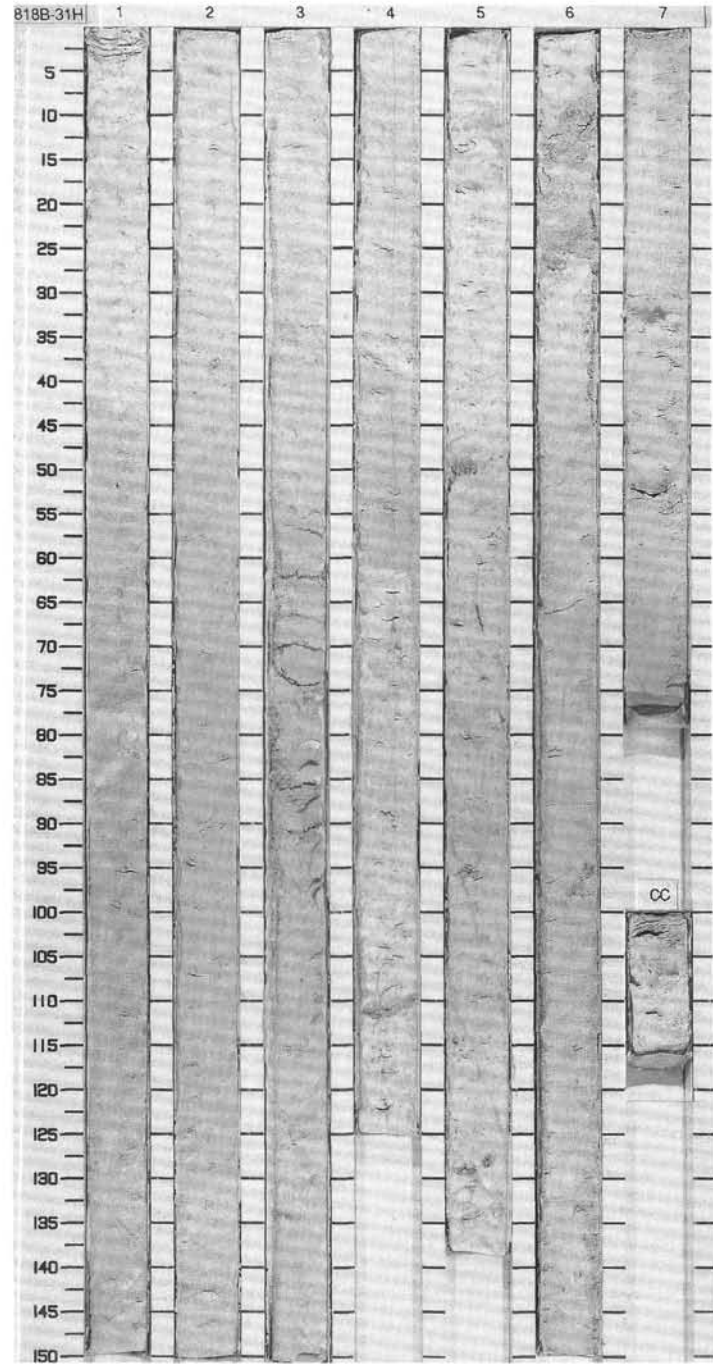


SITE 818 HOLE B CORE 30H CORED INTERVAL 274.4-283.9 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DICTYONS									
PLIOCENE N18 - N19 CN11b	A/G	NOT MEASURED		● 55.2% ● 1.85	● 96.7%	1	0.5	MICRITIC NANNOFOSSIL OOZE TO CHALK			*	Major lithology: This core contains MICRITIC NANNOFOSSIL OOZE TO CHALK, white (5Y 8/1) and light gray (5Y 7/1) in color. Bioturbation is most obvious in the lower half of the core. Inclined beds in the upper 105 cm of Section 1 might be related to slumping or drilling disturbance.	
		● 52.6% ● 1.88		● 96.2%	2	1.0	Minor lithology: A 25 cm-thick layer without any obvious grading and consisting of coarse grained FORAMINIFER OOZE. could be interpreted as a turbid layer. Some of the foraminifer tests are dark, either caused by pyrite or possibly phosphate staining.		*	SMEAR SLIDE SUMMARY (%): D 1.61 D 2.60			
		● 54.5% ● 1.88		● 96.3%	3		TEXTURE: Sand 40 --- Silt 40 --- Clay 20 ---			COMPOSITION: Feldspar --- Tr Foraminifers 15 20 Intraclasts 5 --- Lithoclast 15 15 Micrite 20 40 Nannofossils 40 20 Quartz 2 2 Spicules 3 3			
		● 53.5% ● 1.82		● 95.9%	4								
		● 53.9% ● 1.83		● 94.7%	5								
					6								
					7								
			CC										



TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS										
PLIOCENE N18 - N19 CN11a	A/G		NOT MEASURED	5.4%	95.1%	1	0.5	[Lithology symbols]				MICRITE NANNOFOSSIL OOZE/CHALK to FORAMINIFER BIOCLAST NANNOFOSSIL OOZE/ CHALK
				1.65%	95.1%							
				5.9%	95.7%							
				1.69%	95.7%							
				5.2%	95.5%							
				1.85%	95.5%							
				1.87%	95.3%							
5.3%	95.3%	2	1.0	[Lithology symbols]		Major lithology: This core contains MICRITE NANNOFOSSIL OOZE/CHALK in Section 1 to Section 5, and FORAMINIFER BIOCLAST NANNOFOSSIL OOZE to CHALK, white (10YR 8/1, 5Y 8/1, and 5Y 7/1) colored. The ooze and chalk are usually highly bioturbated. Inclined and contorted bedding, possibly related to slump features, are not as common as in the overlying cores; they are observed in Section 1, 75 to 90 cm, in Section 3, 25 to 40 cm and 105 to 120 cm.						
1.87%	95.3%											
5.9%	95.3%	3	1.5	[Lithology symbols]		Minor lithology: A 20 cm thick normally graded layer of coarse FORAMINIFER BIOCLAST OOZE at the top of Section 6, 18 to 27 cm is interpreted as a turbidite layer.						
1.87%	95.3%											
5.9%	95.3%	4	2.0	[Lithology symbols]		SMEAR SLIDE SUMMARY (%):						
1.87%	95.3%											
5.9%	95.3%	5	2.5	[Lithology symbols]		1, 52	5, 47	7, 20				
1.87%	95.3%											
5.9%	95.3%	6	3.0	[Lithology symbols]		D	D	D				
1.87%	95.3%											
5.9%	95.3%	7	3.5	[Lithology symbols]		TEXTURE:						
1.87%	95.3%											
5.9%	95.3%	7	4.0	[Lithology symbols]		Sand	30	35	30			
1.87%	95.3%											
5.9%	95.3%	7	4.5	[Lithology symbols]		Silt	25	22	40			
1.87%	95.3%											
5.9%	95.3%	7	5.0	[Lithology symbols]		Clay	45	43	30			
1.87%	95.3%											
5.9%	95.3%	7	5.5	[Lithology symbols]		COMPOSITION:						
1.87%	95.3%											
5.9%	95.3%	7	6.0	[Lithology symbols]		Aragonite	---	---	10			
1.87%	95.3%											
5.9%	95.3%	7	6.5	[Lithology symbols]		Bioclast	5	5	20			
1.87%	95.3%											
5.9%	95.3%	7	7.0	[Lithology symbols]		Discoaster	---	---	10			
1.87%	95.3%											
5.9%	95.3%	7	7.5	[Lithology symbols]		Foraminifers	15	20	10			
1.87%	95.3%											
5.9%	95.3%	7	8.0	[Lithology symbols]		Lithoclast	10	8	---			
1.87%	95.3%											
5.9%	95.3%	7	8.5	[Lithology symbols]		Micrite	45	43	20			
1.87%	95.3%											
5.9%	95.3%	7	9.0	[Lithology symbols]		Nannofossils	25	20	30			
1.87%	95.3%											
5.9%	95.3%	7	9.5	[Lithology symbols]		Quartz	Tr	2	---			
1.87%	95.3%											
5.9%	95.3%	7	10.0	[Lithology symbols]		Spicules	---	2	---			
1.87%	95.3%											



SITE 818 HOLE B CORE 32H CORED INTERVAL 293.4-302.9 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	RADIOLARIANS DIATOMS																																																										
UPPER MIOCENE	N16 - N17 ?			NOT MEASURED	● 47.7% ● 1.97	● 99.0%	1	0.5 1.0					<p>CALCAREOUS CHALK with BIOCLASTS and FORAMINIFERS</p> <p>Major lithology: This core contains white (10YR 8/1) and light gray (10YR 7/1) CALCAREOUS CHALK with BIOCLASTS and FORAMINIFERS. The chalk is harder than in the previous cores, illustrated as fracturing by the drilling process. Oozes are observed in a few layers and might be caused by drilling disturbance.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 56</td> <td>5, 40</td> <td>7, 20</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>20</td> <td>35</td> <td>40</td> </tr> <tr> <td>Silt</td> <td>15</td> <td>6</td> <td>10</td> </tr> <tr> <td>Clay</td> <td>65</td> <td>59</td> <td>50</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>15</td> <td>10</td> <td>25</td> </tr> <tr> <td>Calcite</td> <td>65</td> <td>54</td> <td>50</td> </tr> <tr> <td>Collophane</td> <td>---</td> <td>Tr</td> <td>---</td> </tr> <tr> <td>Dolomite</td> <td>5</td> <td>1</td> <td>---</td> </tr> <tr> <td>Foraminifers</td> <td>5</td> <td>15</td> <td>15</td> </tr> <tr> <td>Lithoclast</td> <td>---</td> <td>5</td> <td>---</td> </tr> <tr> <td>Nannofossils</td> <td>10</td> <td>5</td> <td>10</td> </tr> </table>		1, 56	5, 40	7, 20		D	D	D	Sand	20	35	40	Silt	15	6	10	Clay	65	59	50	Bioclast	15	10	25	Calcite	65	54	50	Collophane	---	Tr	---	Dolomite	5	1	---	Foraminifers	5	15	15	Lithoclast	---	5	---	Nannofossils	10	5	10
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				● 50.9% ● 1.92	● 98.1%	2																																																							
				● 53.1% ● 1.85	● 95.2%	3																																																							
				● 48.5% ● 1.95	● 100.0%	4																																																							
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