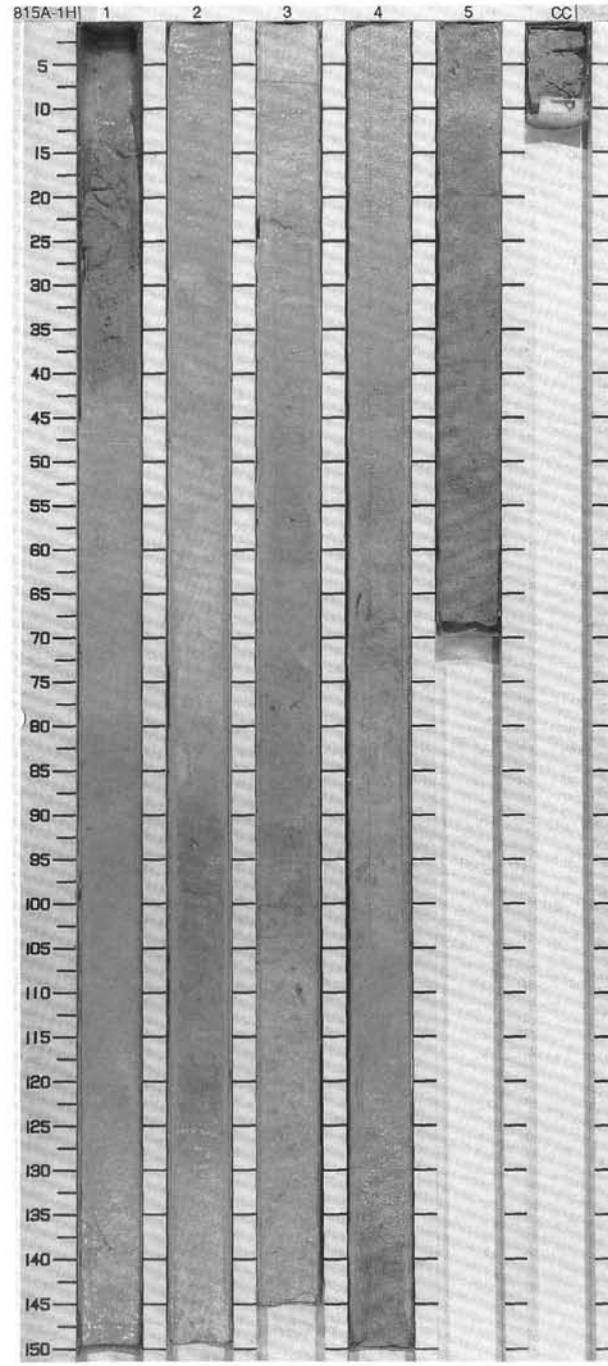


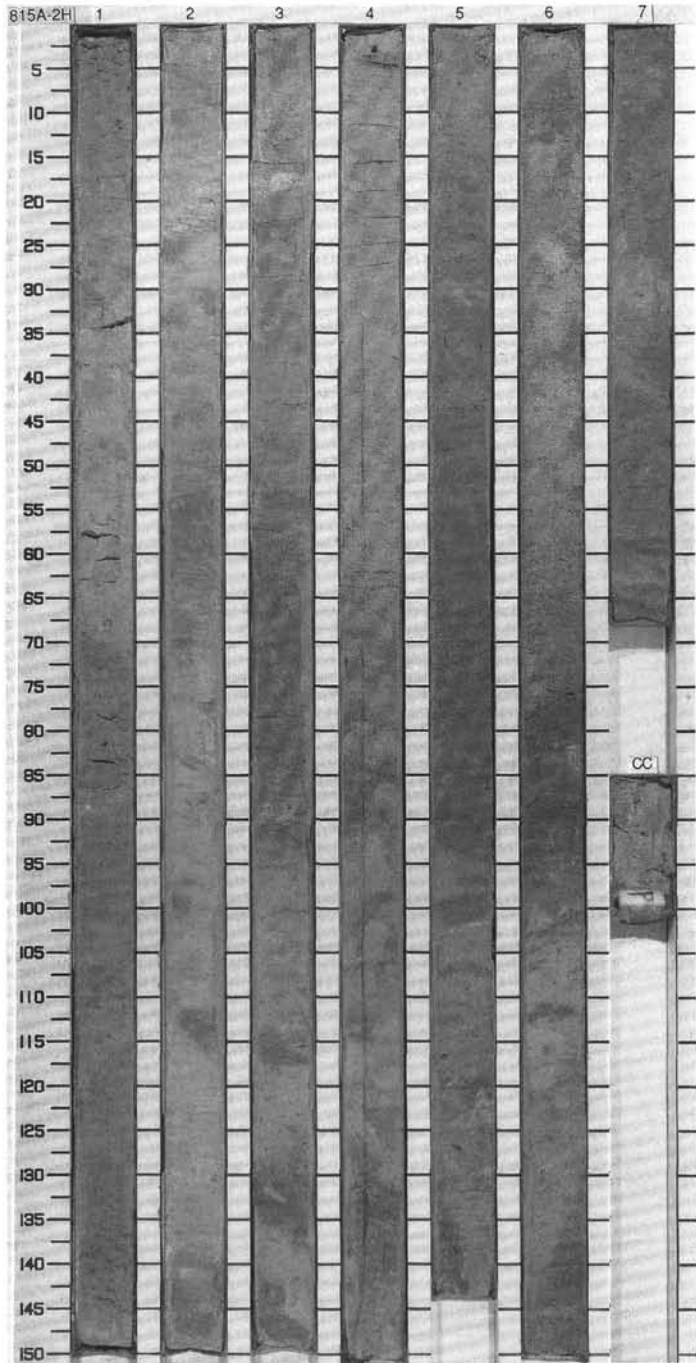
SITE 815 HOLE A CORE 1H CORED INTERVAL 0.0-6.8 mbsf

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	DIAZONES																																																										
PLEISTOCENE																																																														
A/G	N22 - N23				N	63.7% 1.64	91.0%	1	0.5 1.0					NANNOFOSSIL FORAMINIFER OOZE. * Major lithology: White (10YR 8/2 to 10YR 8/3) NANNOFOSSIL FORAMINIFER OOZE. Minor lithology: White (10YR 8/1) FORAMINIFER OOZE. SMEAR SLIDE SUMMARY (%): <table style="margin-left: 20px;"> <tr> <td></td> <td>1, 35</td> <td>1, 139</td> <td>3, 58</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> <td>D</td> </tr> </table> TEXTURE: <table style="margin-left: 20px;"> <tr> <td>Sand</td> <td>60</td> <td>35</td> <td>30</td> </tr> <tr> <td>Silt</td> <td>40</td> <td>65</td> <td>70</td> </tr> </table> COMPOSITION: <table style="margin-left: 20px;"> <tr> <td>Bioclast</td> <td>10</td> <td>15</td> <td>10</td> </tr> <tr> <td>Foraminifers</td> <td>60</td> <td>20</td> <td>25</td> </tr> <tr> <td>Igneous rock fragments</td> <td>...</td> <td>...</td> <td>2</td> </tr> <tr> <td>Micrite</td> <td>3</td> <td>2</td> <td>...</td> </tr> <tr> <td>Nannofossils</td> <td>16</td> <td>56</td> <td>57</td> </tr> <tr> <td>Pteropod</td> <td>5</td> <td>...</td> <td>...</td> </tr> <tr> <td>Quartz</td> <td>3</td> <td>...</td> <td>5</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>2</td> <td>1</td> </tr> </table>		1, 35	1, 139	3, 58	D	D	D	D	Sand	60	35	30	Silt	40	65	70	Bioclast	10	15	10	Foraminifers	60	20	25	Igneous rock fragments	...	...	2	Micrite	3	2	...	Nannofossils	16	56	57	Pteropod	5	...	...	Quartz	3	...	5	Spicules	3	2	1
	1, 35	1, 139	3, 58																																																											
D	D	D	D																																																											
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Silt	40	65	70																																																											
Bioclast	10	15	10																																																											
Foraminifers	60	20	25																																																											
Igneous rock fragments	...	...	2																																																											
Micrite	3	2	...																																																											
Nannofossils	16	56	57																																																											
Pteropod	5	...	...																																																											
Quartz	3	...	5																																																											
Spicules	3	2	1																																																											
A/G	CNT 4a				N	59.4% 1.64	89.7%	2																																																						
					N	59.7% 1.75	86.0%	3																																																						
					N	57.7% 1.75	82.4%	4																																																						
					N	80.0% 1.71	84.5%	5																																																						
					CC																																																									

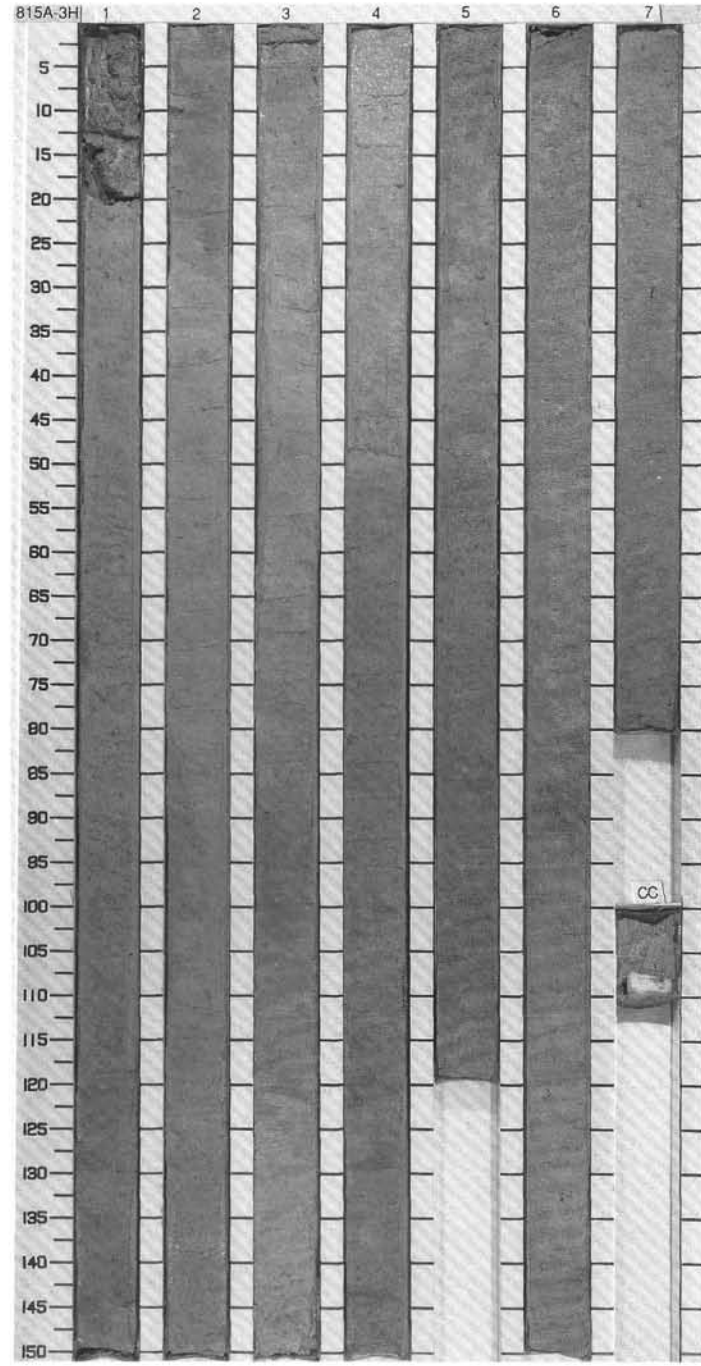


SITE 815 HOLE A CORE 2H CORED INTERVAL 6.8-16.3 mbsf

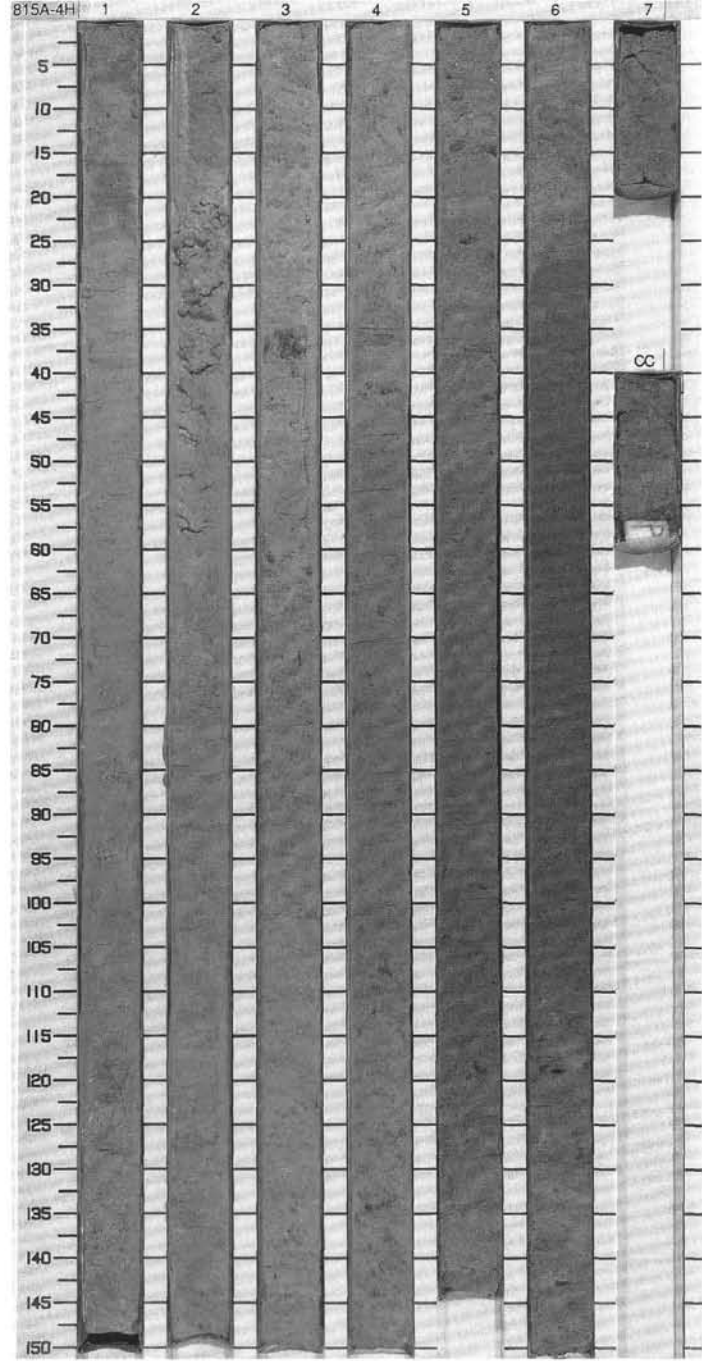
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																																			
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONIS																																																																													
UPPER PLIOCENE N22 - N23 CN1 4a		uncertain polarity				61.8% 1.76	59.1% 1.67	82.0% 1.76	80.3% 1.74	60.4% 1.75	88.6% 1.74	87.2% 1.76	61.8% 1.76	<p>NANNOFOSSIL FORAMINIFER OOZE</p> <p>Major lithology: White (5Y 7/1) bioturbated, mottled NANNOFOSSIL FORAMINIFER OOZE with BIOCLASTS.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1.28</td> <td>3.80</td> <td>4.3</td> <td>5.29</td> <td>6.108</td> </tr> <tr> <td></td> <td>D</td> <td>D</td> <td>M</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <p>Sand: 32 28 --- 20 --- Silt: 68 72 --- 80 ---</p> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>12</td> <td>8</td> <td>---</td> <td>12</td> <td>6</td> </tr> <tr> <td>Calcite</td> <td>---</td> <td>---</td> <td>7</td> <td>---</td> <td>7</td> </tr> <tr> <td>Foraminifera</td> <td>20</td> <td>20</td> <td>40</td> <td>15</td> <td>32</td> </tr> <tr> <td>Igneous rock fragments</td> <td>---</td> <td>2</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Micrite</td> <td>3</td> <td>2</td> <td>---</td> <td>10</td> <td>---</td> </tr> <tr> <td>Nannofossils</td> <td>59</td> <td>62</td> <td>30</td> <td>58</td> <td>50</td> </tr> <tr> <td>Oxide</td> <td>---</td> <td>---</td> <td>20</td> <td>---</td> <td>---</td> </tr> <tr> <td>Quartz</td> <td>3</td> <td>4</td> <td>1</td> <td>2</td> <td>1</td> </tr> <tr> <td>Spicules</td> <td>2</td> <td>2</td> <td>1</td> <td>3</td> <td>4</td> </tr> </table>		1.28	3.80	4.3	5.29	6.108		D	D	M	D	D	Bioclast	12	8	---	12	6	Calcite	---	---	7	---	7	Foraminifera	20	20	40	15	32	Igneous rock fragments	---	2	---	---	---	Micrite	3	2	---	10	---	Nannofossils	59	62	30	58	50	Oxide	---	---	20	---	---	Quartz	3	4	1	2	1	Spicules	2	2	1	3	4
							1.28	3.80	4.3	5.29	6.108																																																																					
							D	D	M	D	D																																																																					
						Bioclast	12	8	---	12	6																																																																					
Calcite	---	---	7	---	7																																																																											
Foraminifera	20	20	40	15	32																																																																											
Igneous rock fragments	---	2	---	---	---																																																																											
Micrite	3	2	---	10	---																																																																											
Nannofossils	59	62	30	58	50																																																																											
Oxide	---	---	20	---	---																																																																											
Quartz	3	4	1	2	1																																																																											
Spicules	2	2	1	3	4																																																																											
61.8% 1.76	59.1% 1.67	82.0% 1.76	80.3% 1.74	60.4% 1.75	88.6% 1.74	87.2% 1.76	61.8% 1.76																																																																									
88.9% 1.67	88.9% 1.67	87.2% 1.76	80.3% 1.75	90.3% 1.75	88.6% 1.74	87.2% 1.76	88.9% 1.67																																																																									
61.8% 1.76	59.1% 1.67	82.0% 1.76	80.3% 1.74	60.4% 1.75	88.6% 1.74	87.2% 1.76	61.8% 1.76																																																																									
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	DIAATOMS										
UPPER PLOCENE														
A/G	N22 - N23													
A/G	CN12d													
					N	90.8% ● 90.8%	79.3% ● 79.3%	1	0.5	+				
					N	59.3% ● 59.3%	80.7% ● 80.7%	2	1.0	+				
					N	65.1% ● 65.1%	79.6% ● 79.6%	3		+				
					N	59.8% ● 59.8%	76.5% ● 76.5%	4		+				
					N	59.3% ● 59.3%	81.8% ● 81.8%	5		+				
					N	60.7% ● 60.7%	81.2% ● 81.2%	6		+				
					R	62.8% ● 62.8%		7		+				

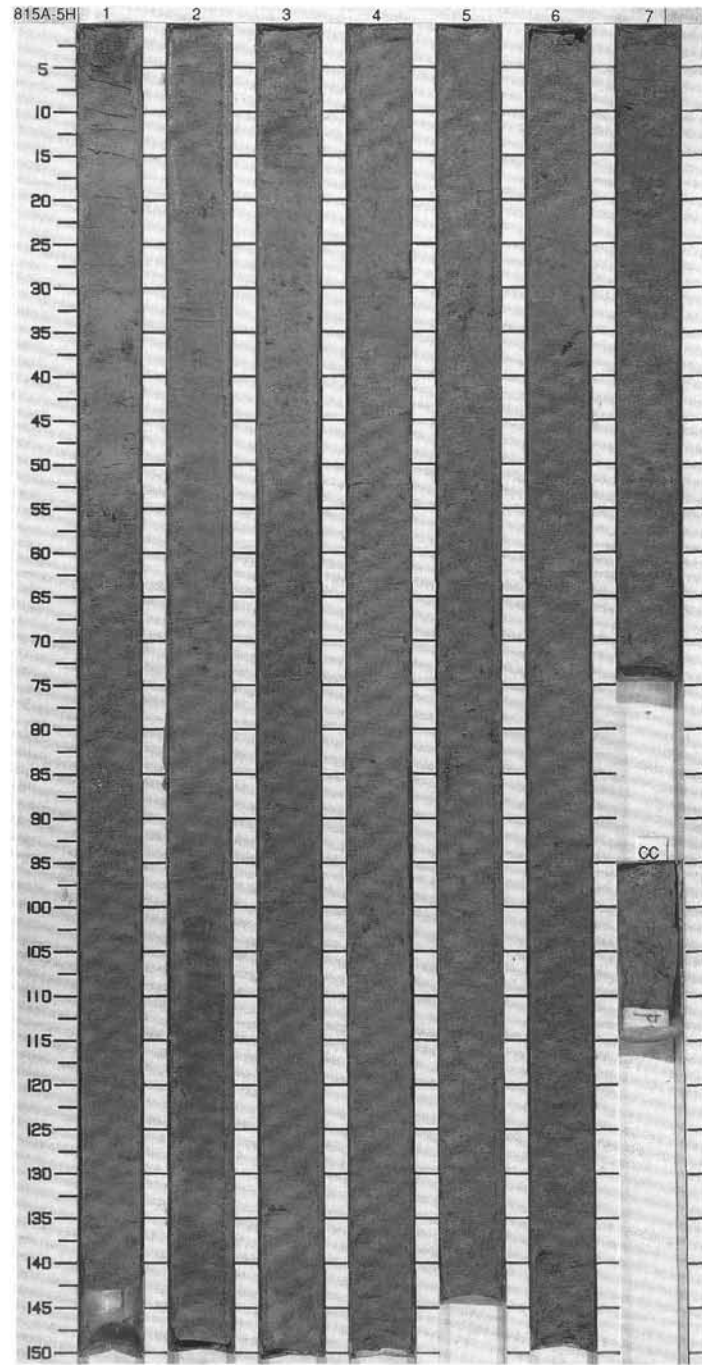


TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
FORMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
UPPER PIOCENE												
N22 - N23												
CN12b												
A/G				R	60.1% ● 1.67	78.4%		0.5				FORAMINIFER NANNOFOSSIL OOZE with CLAY Major lithology: White (5Y 7/1) bioturbated FORAMINIFER NANNOFOSSIL OOZE with CLAY. SMEAR SLIDE SUMMARY (%): 1,120 6,55 D D COMPOSITION: Bioclast 15 20 Foraminifers 25 15 Igneous rock fragments 1 2 Micrite 10 -- Nannofossils 43 55 Quartz 3 5 Spicules 3 3
A/G				R	61.5% ● 1.70	83.5%		1.0				
				R	67.6% ● 1.71	88.9%		2				
				R	60.7% ● 1.62	81.8%		3				
				R	61.2% ● 1.71	87.8%		4				
				R	69.8% ● 1.70			5				
				R	69.6% ● 1.70			6				
								7				
								CC				



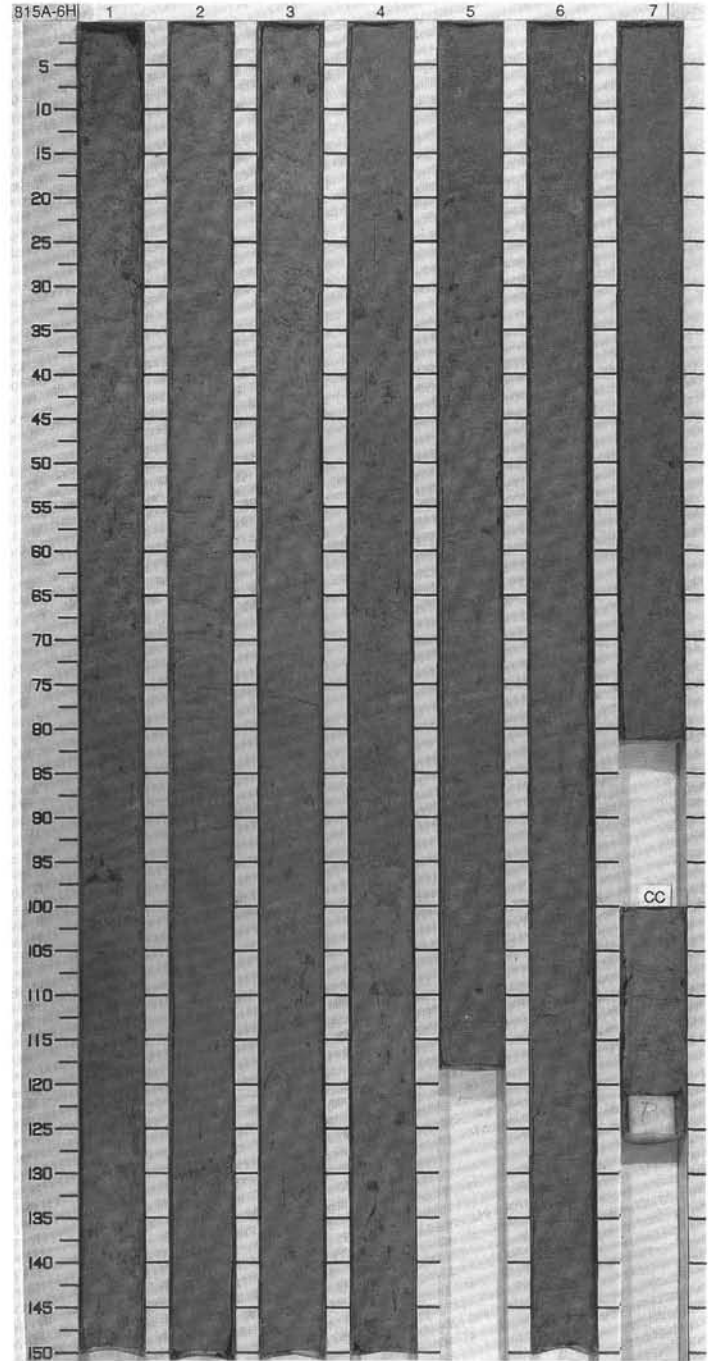
SITE 815 HOLE A CORE 5H CORED INTERVAL 35.3-44.8 mdsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																											
A/G		FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																					
UPPER PLIOCENE																																										
	N21					N	?		1	0.5	+				NANNOFOSSIL FORAMINIFER OOZE with BIOCLASTS and CLAY.  Major lithology: Light gray (5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE with BIOCLASTS and CLAY.  SMEAR SLIDE SUMMARY (%):  <table style="margin-left: 20px;"> <tr> <td></td> <td>1.55</td> <td>5.78</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> COMPOSITION:  <table style="margin-left: 20px;"> <tr> <td>Bioclast</td> <td>15</td> <td>5</td> </tr> <tr> <td>Foraminifers</td> <td>15</td> <td>30</td> </tr> <tr> <td>Igneous rock fragments</td> <td>1</td> <td>3</td> </tr> <tr> <td>Micrite</td> <td>5</td> <td>...</td> </tr> <tr> <td>Nannofossils</td> <td>58</td> <td>53</td> </tr> <tr> <td>Quartz</td> <td>3</td> <td>5</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>3</td> </tr> </table>		1.55	5.78	D	D	D	Bioclast	15	5	Foraminifers	15	30	Igneous rock fragments	1	3	Micrite	5	...	Nannofossils	58	53	Quartz	3	5	Spicules	3	3
	1.55	5.78																																								
D	D	D																																								
Bioclast	15	5																																								
Foraminifers	15	30																																								
Igneous rock fragments	1	3																																								
Micrite	5	...																																								
Nannofossils	58	53																																								
Quartz	3	5																																								
Spicules	3	3																																								
						N	N		2	1.0	+																															
	CN12b					N	N		3		+																															
						N	N		4		+																															
						N	N		5		+																															
						N	N		6		+																															
						N	N		7		+																															
									CC																																	

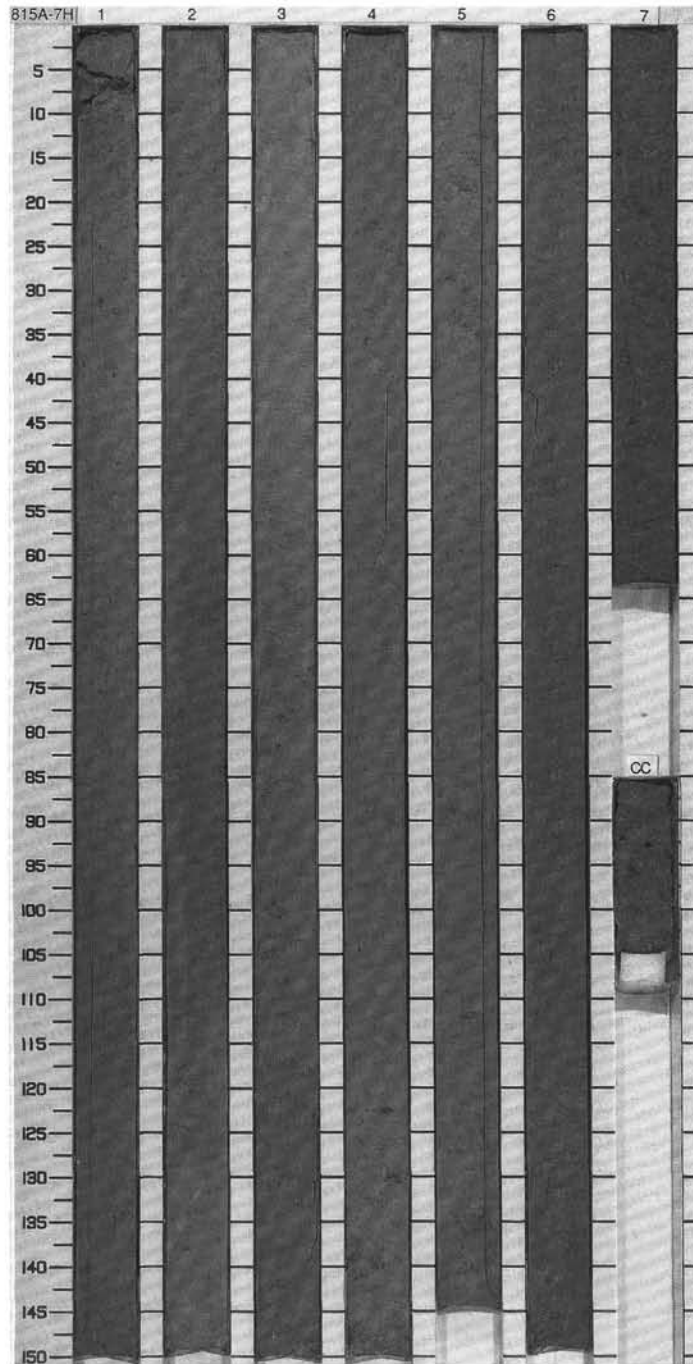


SITE 815 HOLE A CORE 6H CORED INTERVAL 44.8-54.3 mbsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																								
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																		
UPPER PLIOCENE																																					
A/G	N21			N	60.1%		1	0.5					FORAMINIFER NANNOFOSSIL OOZE Major lithology: Gray (5Y 6/2) bioturbated FORAMINIFER NANNOFOSSIL OOZE with CLAY. SMEAR SLIDE SUMMARY (%): <table border="0"> <tr> <td></td> <td>3.78</td> <td>4.66</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> COMPOSITION: <table border="0"> <tr> <td>Bioclast</td> <td>10</td> <td>10</td> </tr> <tr> <td>Foraminifers</td> <td>35</td> <td>35</td> </tr> <tr> <td>Igneous rock fragments</td> <td>2</td> <td>2</td> </tr> <tr> <td>Nannofossils</td> <td>45</td> <td>45</td> </tr> <tr> <td>Quartz</td> <td>5</td> <td>5</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>3</td> </tr> </table>		3.78	4.66	D	D	D	Bioclast	10	10	Foraminifers	35	35	Igneous rock fragments	2	2	Nannofossils	45	45	Quartz	5	5	Spicules	3	3
	3.78	4.66																																			
D	D	D																																			
Bioclast	10	10																																			
Foraminifers	35	35																																			
Igneous rock fragments	2	2																																			
Nannofossils	45	45																																			
Quartz	5	5																																			
Spicules	3	3																																			
A/G	CN12a			uncertain polarity	60.1%		1	1.0																													
					57.4%		2	0.5																													
					58.0%		2	1.0																													
					58.5%		3	0.5																													
					58.5%		3	1.0																													
					59.4%		5	0.5																													
					59.4%		5	1.0																													
					58.3%		6	0.5																													
					58.3%		6	1.0																													
CC					58.0%		7	0.5																													
					58.0%		7	1.0																													

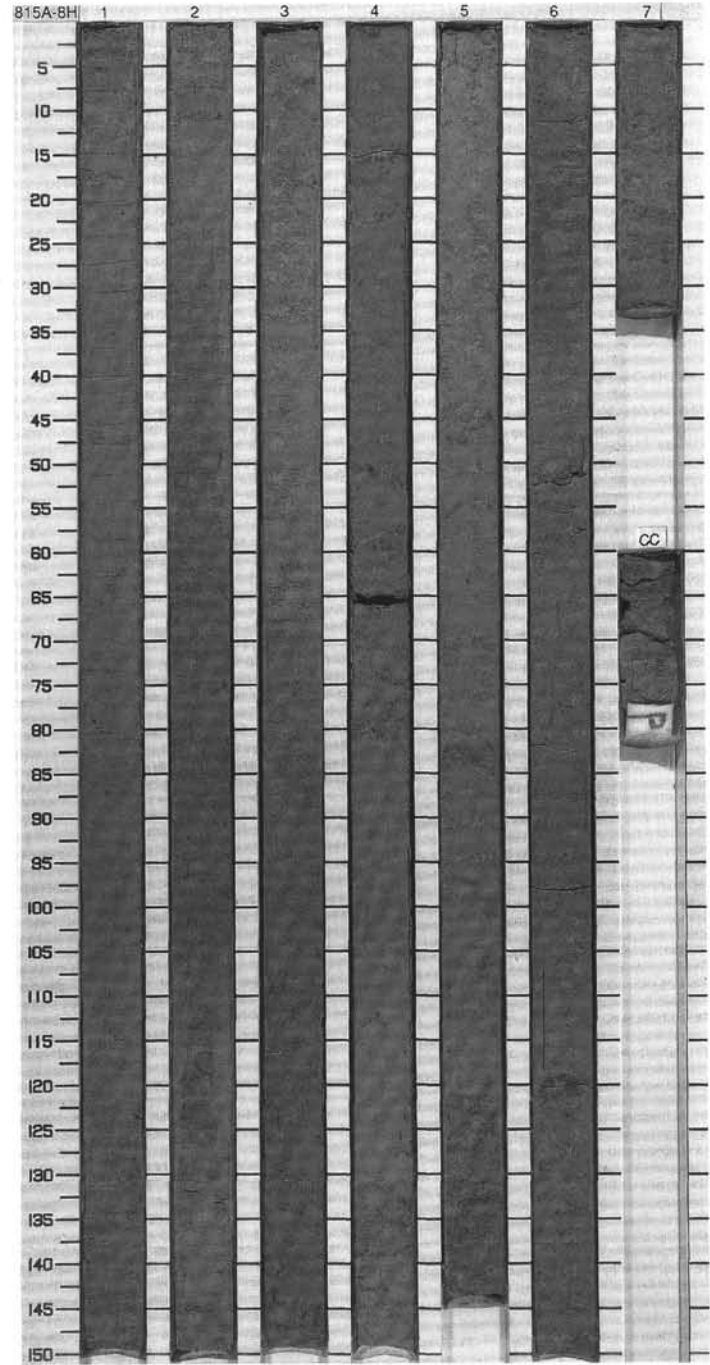


TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS												
UPPER PLIOCENE															
N18 - N19															
CN12a															
uncertain polarity															
					● 57.2%	● 15.4%	● 56.3%	● 79.6%	1						
					● 1.7%	● 1.7%	● 1.7%	● 79.6%	2						
					● 54.8%	● 55.8%	● 55.8%	● 79.6%	3						
					● 1.7%	● 1.7%	● 1.7%	● 79.6%	4						
					● 80.7%				5						
					● 53.7%				6						
					● 76.7%				7						
C/M									CC						
A/G															



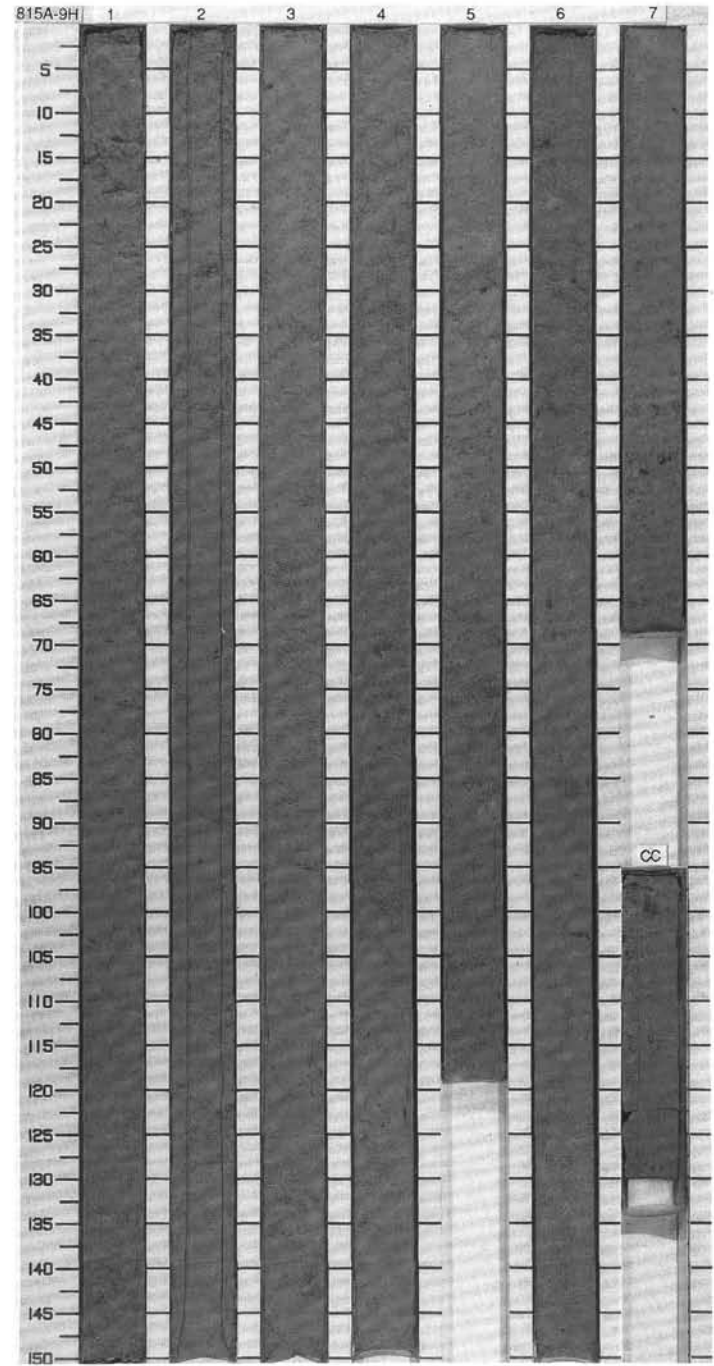
SITE 815 HOLE A CORE 8H CORED INTERVAL 63.8-73.3 mbsf

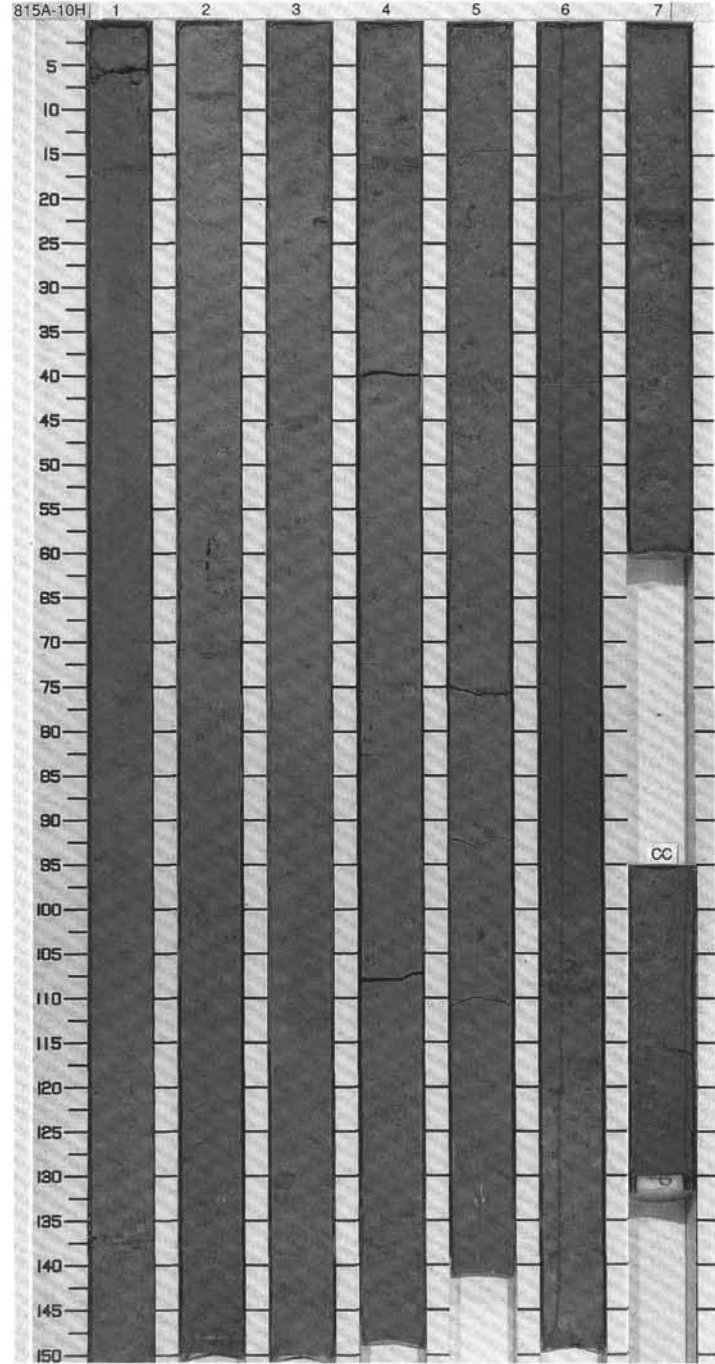
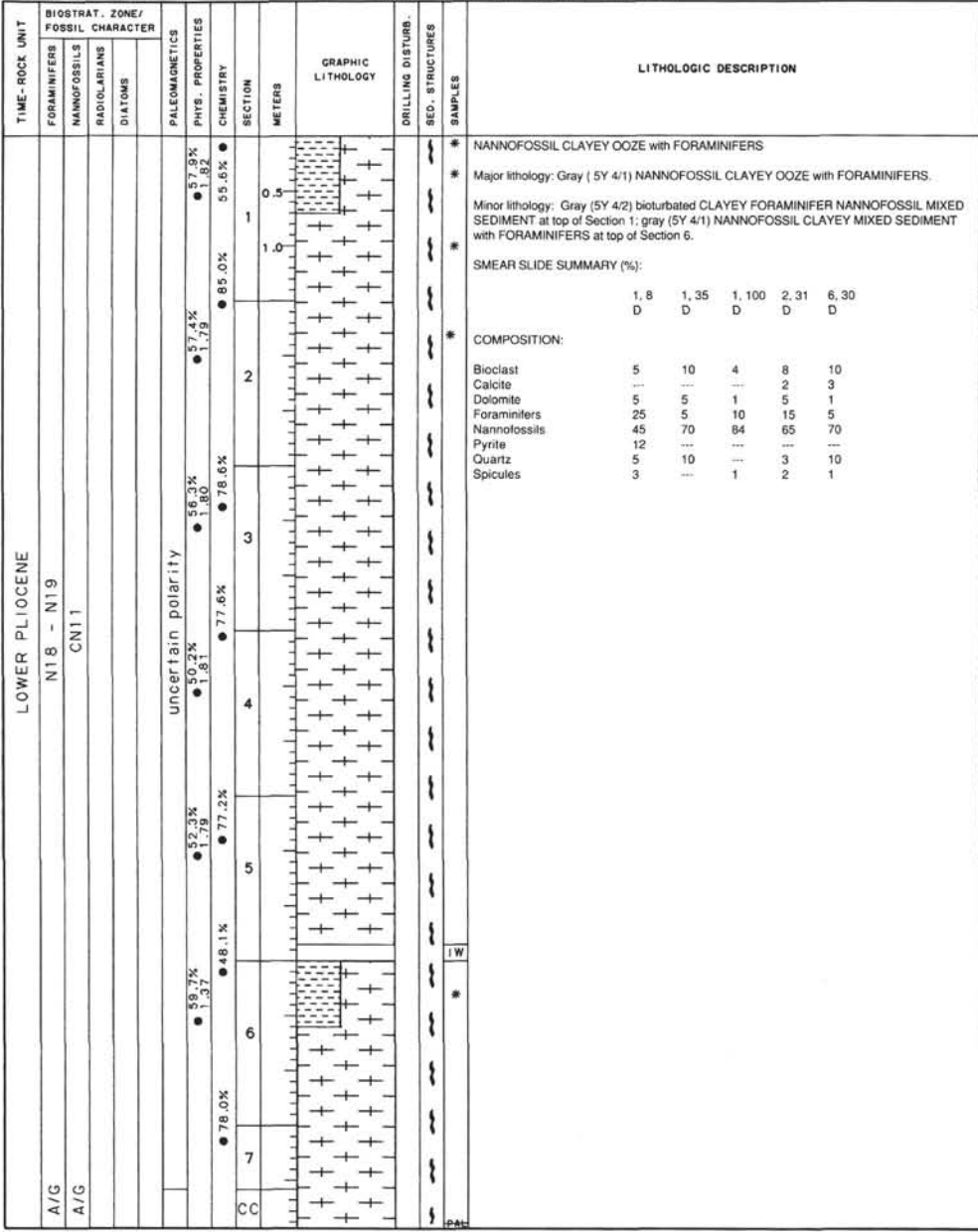
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAATOMS										
LOWER PLEISTOCENE														
C/M	N18 - N19													
A/G	CN11													
					uncertain polarity									
					● 57.9% ● 77.9%			0.5 1.0						
					● 55.3% ● 57.6%			2						
					● 35.7% ● 71.7%			3						
					● 52.3% ● 75.4%			4						
					● 56.7% ● 80.2%			5						
					● 58.2% ● 80.8%			6						
								7						
								CC						

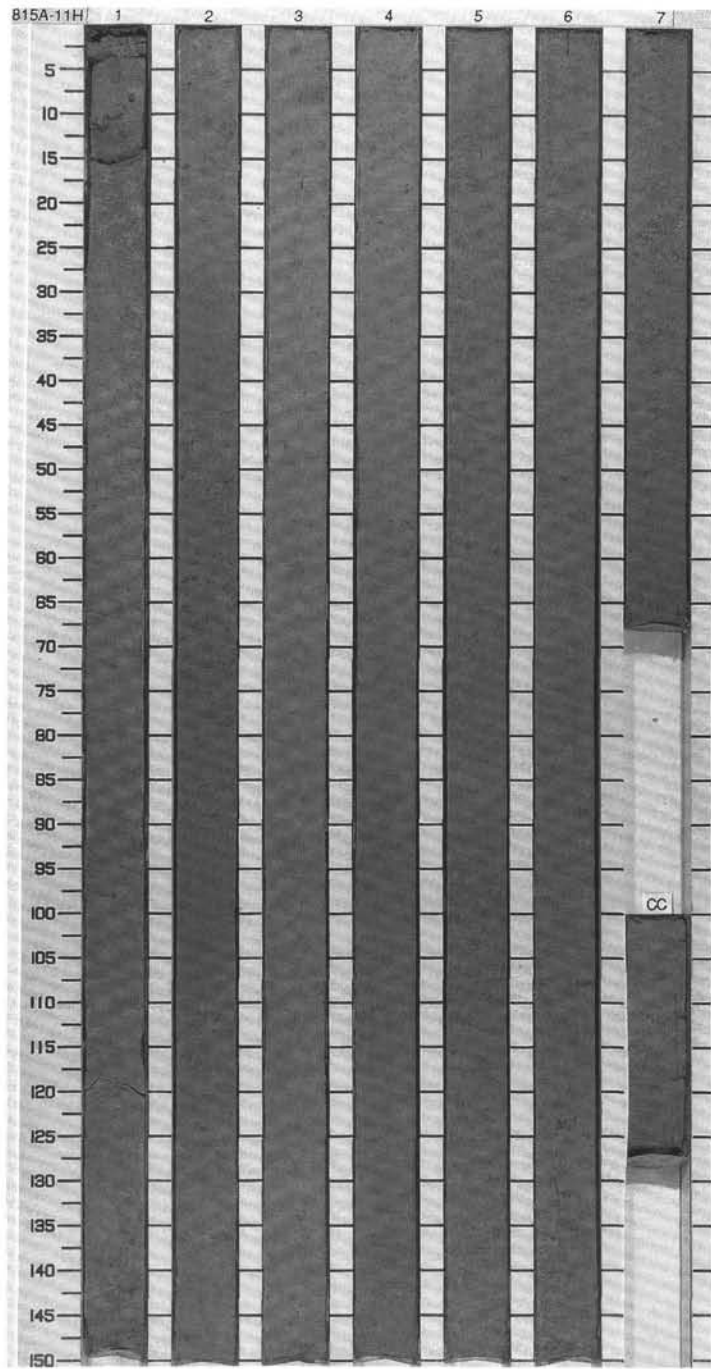
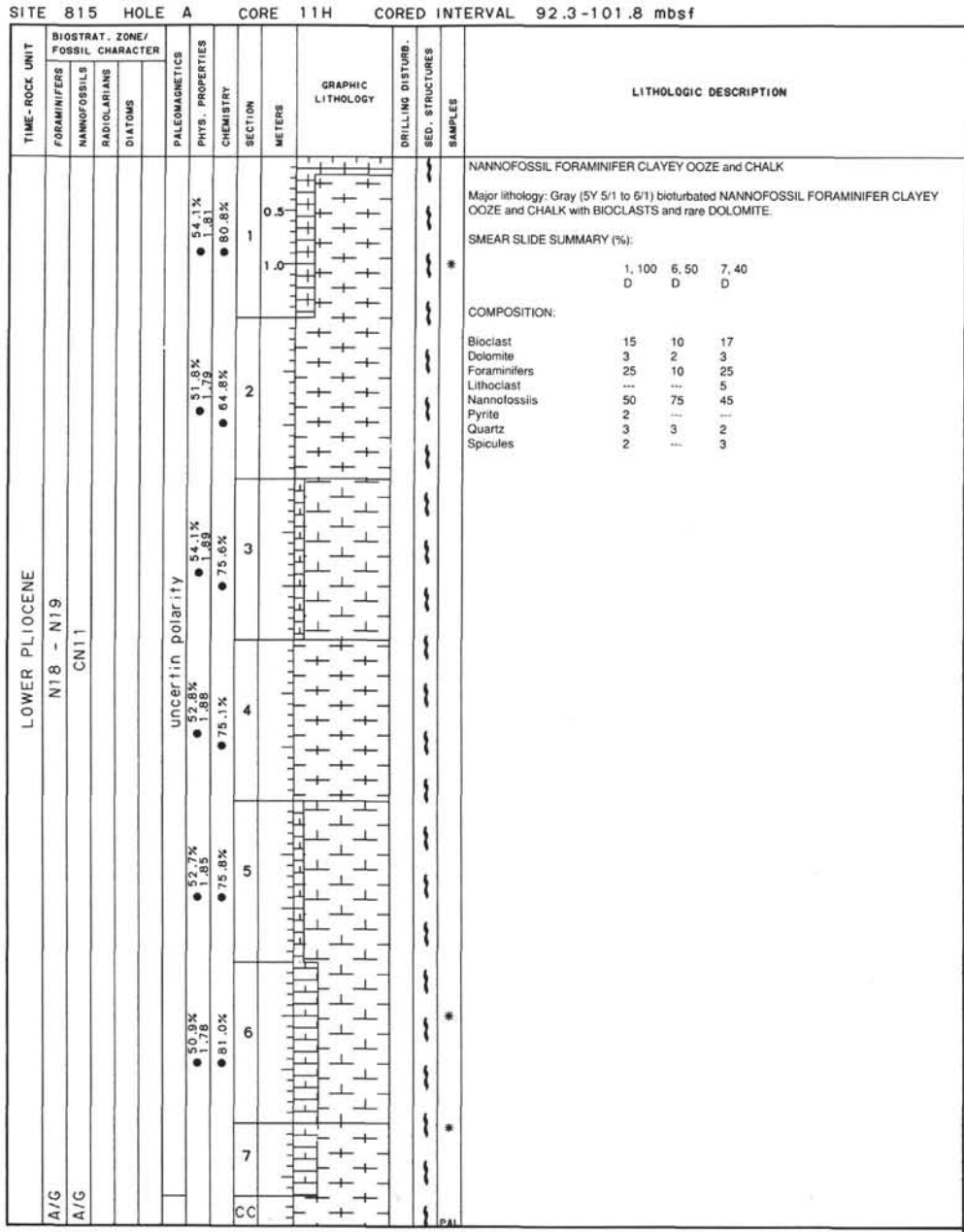




TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAATOMS										
LOWER PIOCENE													CLAYEY FORAMINIFER NANNOFOSSIL OOZE Major lithology: Dark gray (5Y 4/2) bioturbated CLAYEY FORAMINIFER NANNOFOSSIL OOZE. Minor lithology: Dark gray (5Y 4/2) bioturbated CLAYEY FORAMINIFER NANNOFOSSIL MIXED SEDIMENT in Section 6 to CC. SMEAR SLIDE SUMMARY (%): D 4.80 TEXTURE: Sand 20 Silt 20 Clay 60 COMPOSITION: Calcite 5 Clay 30 Foraminifers 25 Nannofossils 40
A/G	N18 - N19			55.3% 1.88	78.3%	1	0.5						
A/G	CN11			55.8% 1.93	78.2%	2							
	uncertain polarity			64.8% 1.68	75.4%	3							
				57.2% 1.74	66.6%	4							
				56.3% 1.67	70.4%	5							
				52.1% 1.77	51.3%	6							
						7							
						CC							

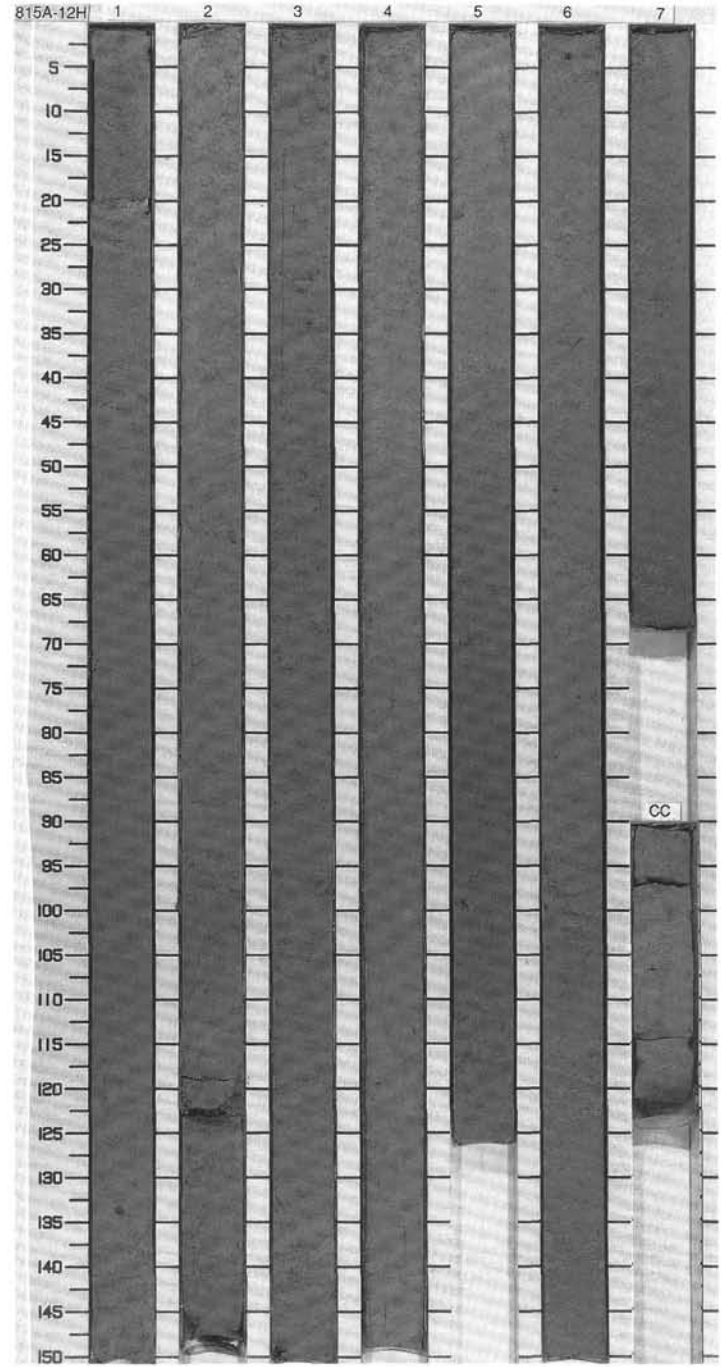




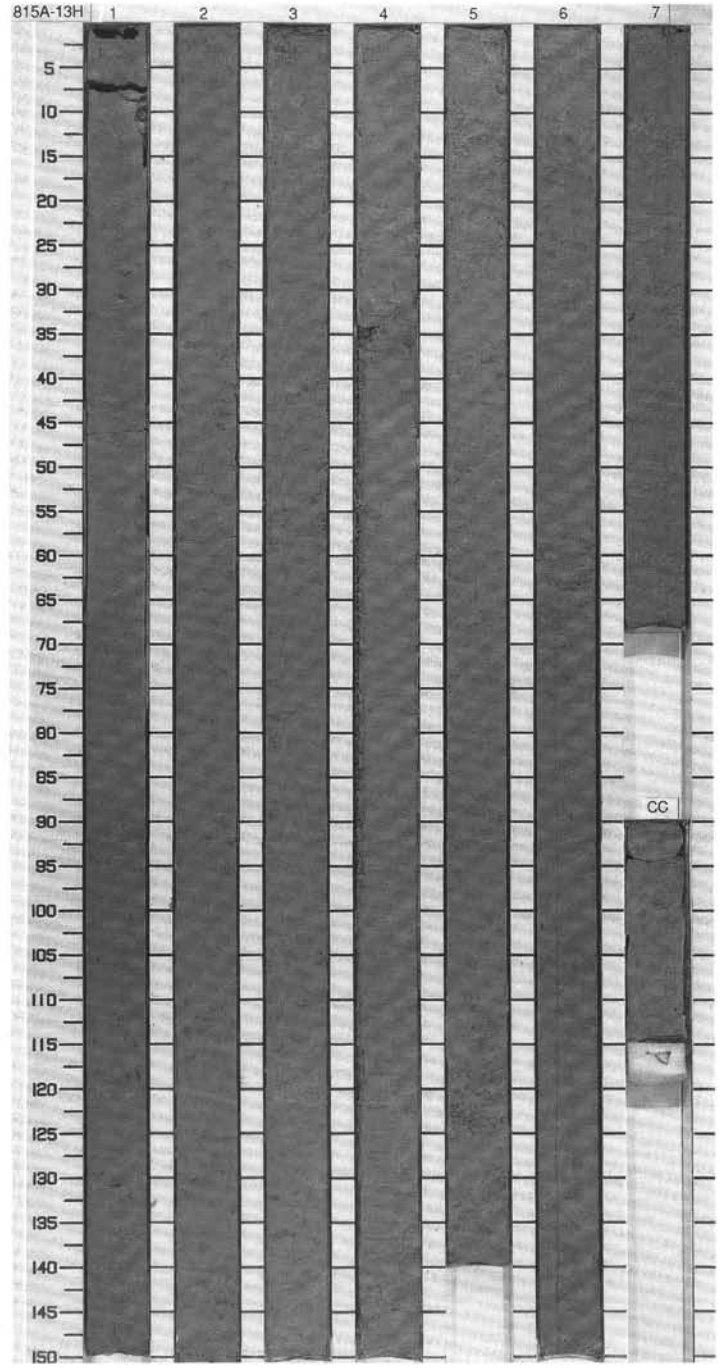
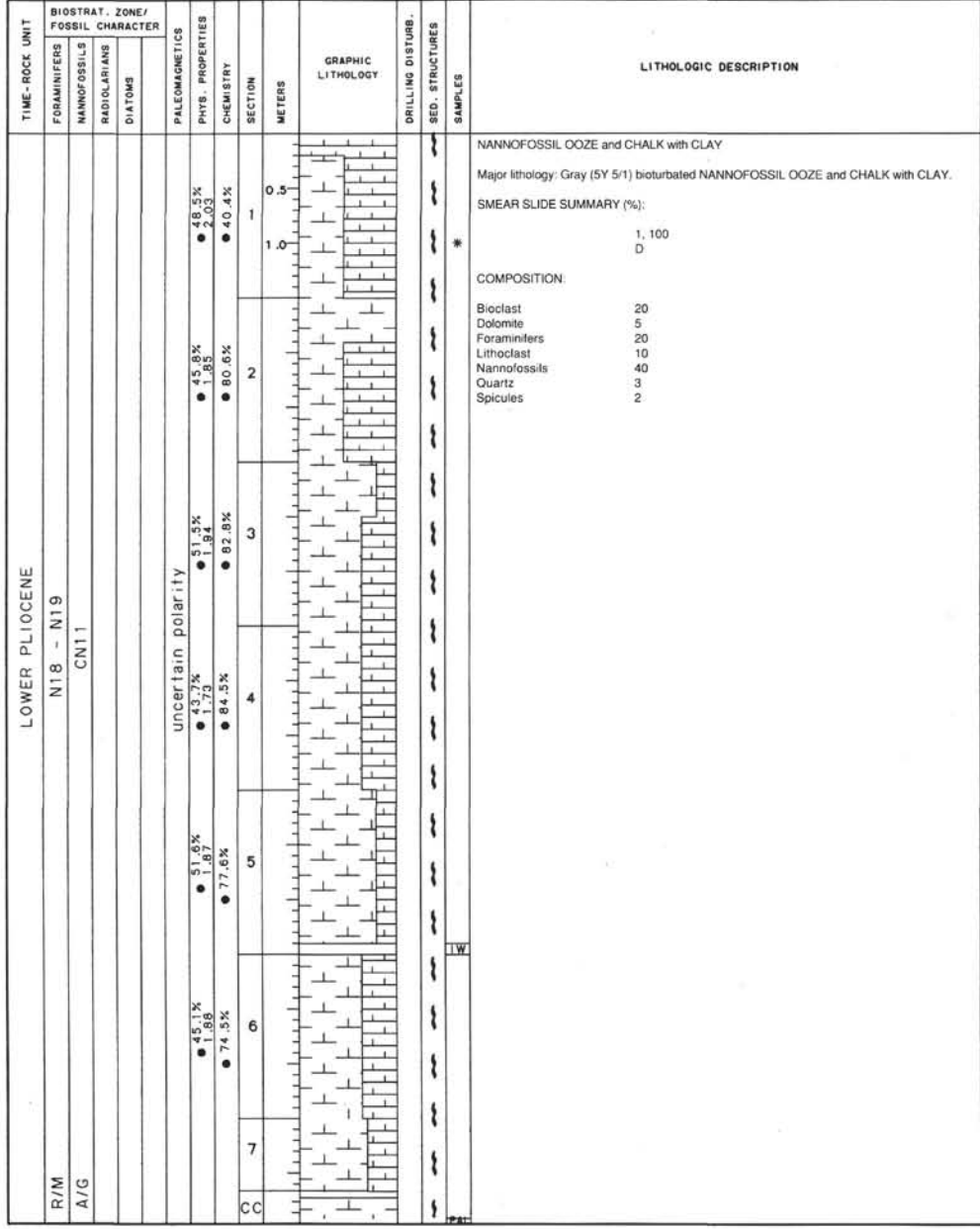


SITE 815 HOLE A CORE 12H CORED INTERVAL 101.8-111.3 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																				
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																																														
LOWER PLOCIENE	N18 - N19 CN11																																																																	
C/M					56.3% ● 1.88			1	0.5					<p>NANNOFOSSIL to NANNOFOSSIL FORAMINIFER OOZE</p> <p>Major lithology: Gray (5Y 5/1) bioturbated NANNOFOSSIL to NANNOFOSSIL FORAMINIFER OOZE with CLAY.</p> <p>Minor Lithology: Gray (5Y 5/1) bioturbated NANNOFOSSIL to NANNOFOSSIL FORAMINIFER CHALK with CLAY. Partially lithified PACKSTONE occurs in Section 1 from 0-20 cm and in Section 2 from 118-125 cm.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 74</td> <td>4, 50</td> <td>5, 27</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>5</td> <td>---</td> </tr> <tr> <td>Calcite</td> <td>5</td> <td>---</td> <td>---</td> </tr> <tr> <td>Clay</td> <td>3</td> <td>---</td> <td>---</td> </tr> <tr> <td>Dolomite</td> <td>3</td> <td>5</td> <td>3</td> </tr> <tr> <td>Foraminifers</td> <td>30</td> <td>20</td> <td>14</td> </tr> <tr> <td>Lithoclast</td> <td>---</td> <td>---</td> <td>10</td> </tr> <tr> <td>Micrite</td> <td>---</td> <td>10</td> <td>10</td> </tr> <tr> <td>Nannofossils</td> <td>35</td> <td>60</td> <td>60</td> </tr> <tr> <td>Pyrite</td> <td>2</td> <td>---</td> <td>---</td> </tr> <tr> <td>Quartz</td> <td>2</td> <td>---</td> <td>1</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>---</td> <td>1</td> </tr> </table>		1, 74	4, 50	5, 27		D	D	D	Bioclast	15	5	---	Calcite	5	---	---	Clay	3	---	---	Dolomite	3	5	3	Foraminifers	30	20	14	Lithoclast	---	---	10	Micrite	---	10	10	Nannofossils	35	60	60	Pyrite	2	---	---	Quartz	2	---	1	Spicules	3	---	1
	1, 74	4, 50	5, 27																																																															
	D	D	D																																																															
Bioclast	15	5	---																																																															
Calcite	5	---	---																																																															
Clay	3	---	---																																																															
Dolomite	3	5	3																																																															
Foraminifers	30	20	14																																																															
Lithoclast	---	---	10																																																															
Micrite	---	10	10																																																															
Nannofossils	35	60	60																																																															
Pyrite	2	---	---																																																															
Quartz	2	---	1																																																															
Spicules	3	---	1																																																															
A/G					52.1% ● 1.89			2	1.0																																																									
					52.8% ● 1.82			3																																																										
					48.9% ● 1.75			4																																																										
					54.1% ● 1.89			5																																																										
					58.8% ● 1.89			6																																																										
					80.4% ● 1.92			7																																																										
					78.3% ● 1.82			CC																																																										

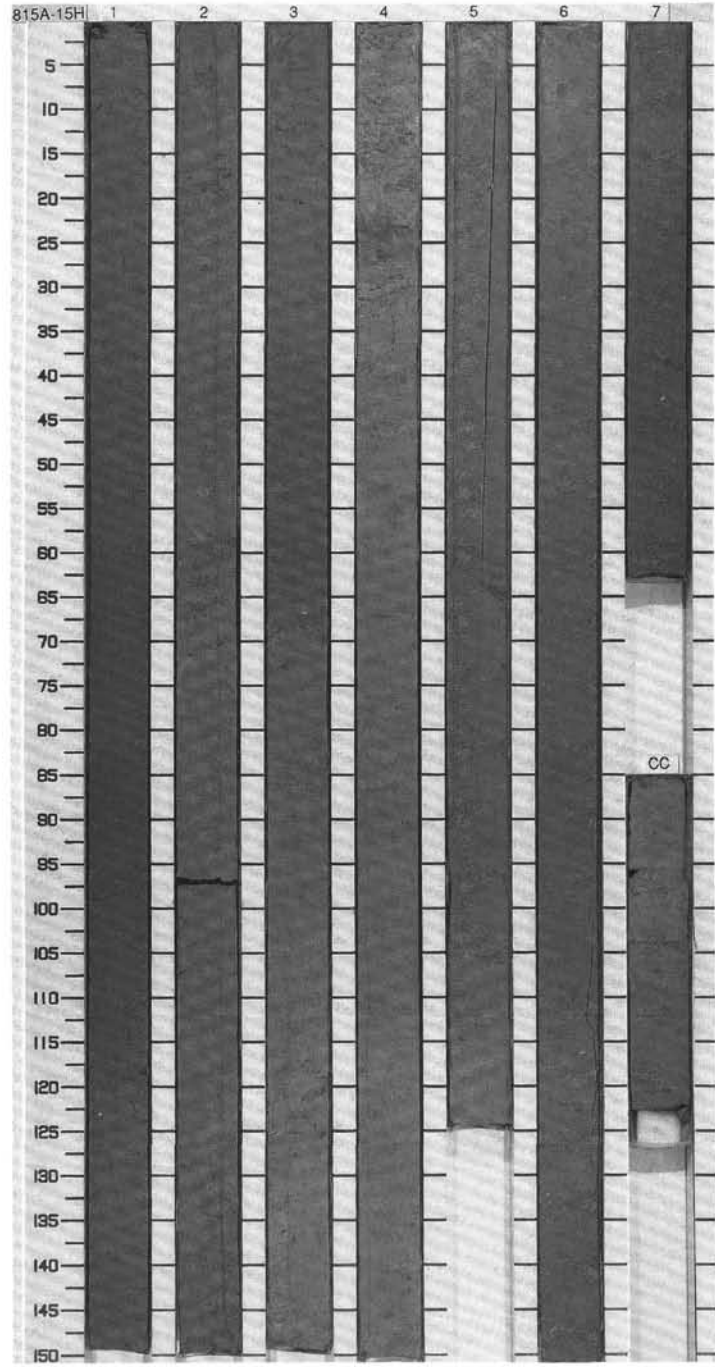


SITE 815 HOLE A CORE 13H CORED INTERVAL 111.3-120.8 mbsf



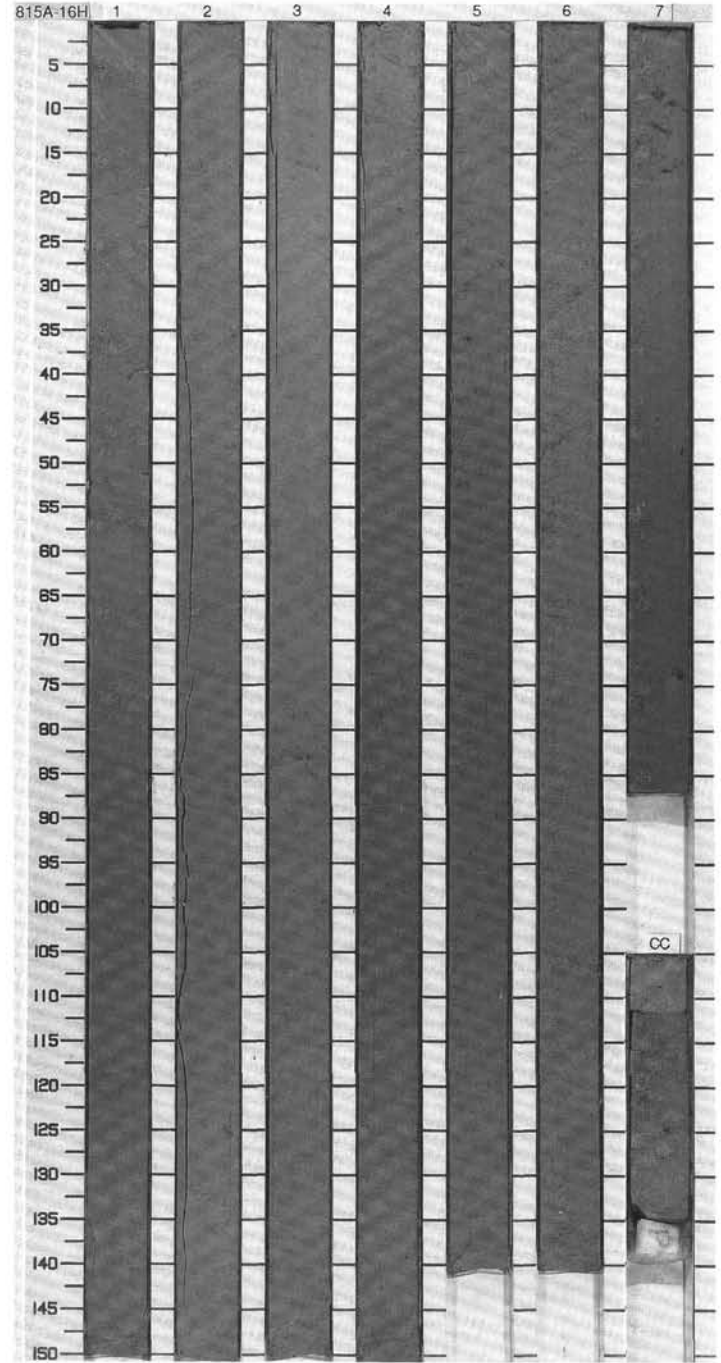


TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																														
R/M	A/M	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS											DIATOMS																													
LOWER PLIOCENE		N18 - N19			uncertain polarity									NANNOFOSSIL CLAYEY OOZE AND CHALK. Major lithology: Gray (5Y 5/1) bioturbated NANNOFOSSIL CLAYEY OOZE AND CHALK with FORAMINIFERS and minor DOLOMITE. SMEAR SLIDE SUMMARY (%): <table style="margin-left: 20px;"> <tr> <td></td> <td>2.15</td> <td>4.80</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> COMPOSITION: <table style="margin-left: 20px;"> <tr> <td>Bioclast</td> <td>15</td> <td>10</td> </tr> <tr> <td>Dolomite</td> <td>5</td> <td>5</td> </tr> <tr> <td>Fish</td> <td>1</td> <td>...</td> </tr> <tr> <td>Foraminifers</td> <td>20</td> <td>10</td> </tr> <tr> <td>Lithoclast</td> <td>27</td> <td>...</td> </tr> <tr> <td>Nannofossils</td> <td>25</td> <td>70</td> </tr> <tr> <td>Quartz</td> <td>3</td> <td>5</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>...</td> </tr> </table>		2.15	4.80	D	D	D	Bioclast	15	10	Dolomite	5	5	Fish	1	...	Foraminifers	20	10	Lithoclast	27	...	Nannofossils	25	70	Quartz	3	5	Spicules	3	...
	2.15	4.80																																										
D	D	D																																										
Bioclast	15	10																																										
Dolomite	5	5																																										
Fish	1	...																																										
Foraminifers	20	10																																										
Lithoclast	27	...																																										
Nannofossils	25	70																																										
Quartz	3	5																																										
Spicules	3	...																																										
					● 54.2% ● 1.80	● 33.6%	1	0.5																																				
					● 46.2% ● 2.00	● 70.7%	2	1.0																																				
					● 53.5% ● 2.03	● 70.1%	3																																					
					● 53.5% ● 2.02	● 80.1%	4																																					
					● 48.2% ● 2.09	● 72.0%	5																																					
					● 71.9%		6																																					
							7																																					
							CC																																					

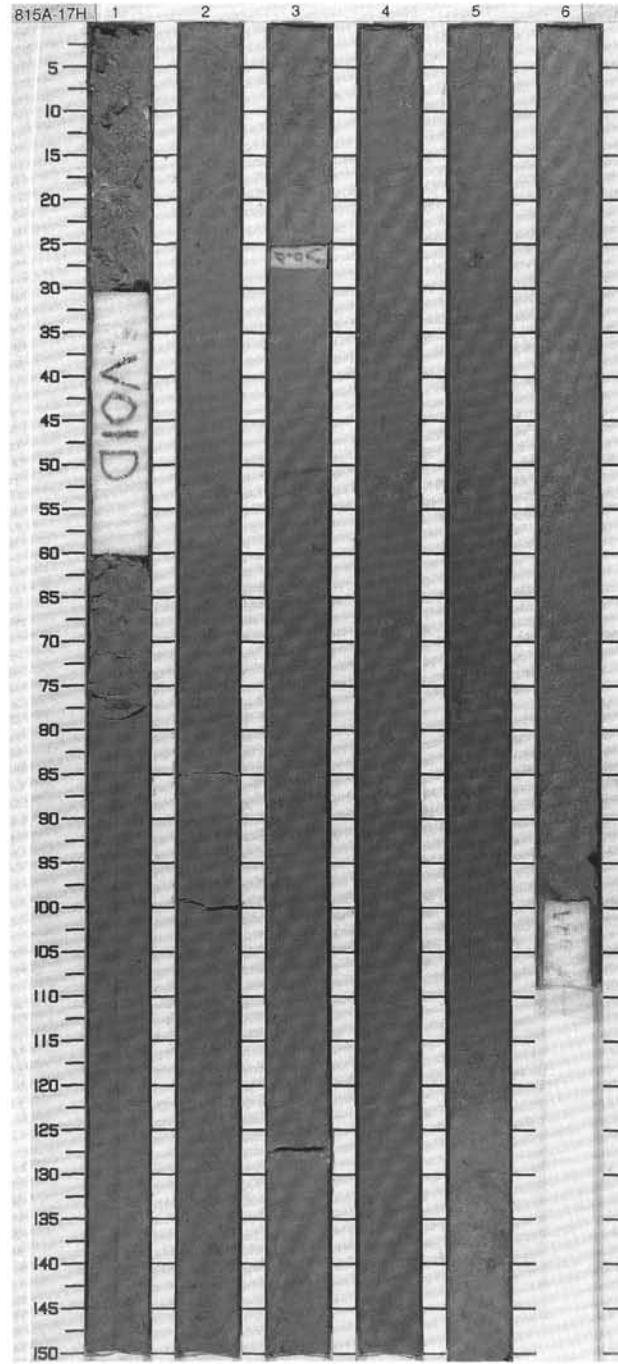
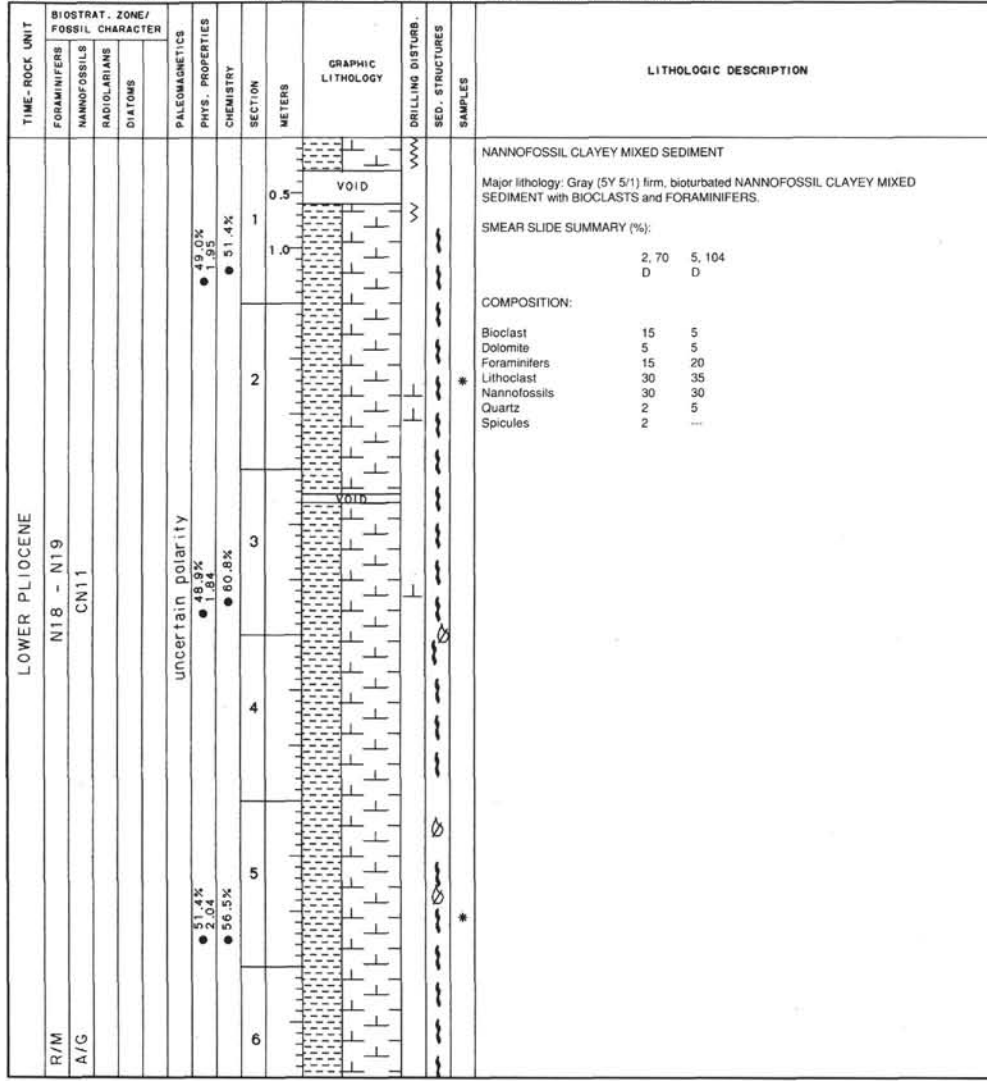


SITE 815 HOLE A CORE 16H CORED INTERVAL 139.8-149.3 mbsf

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	DIATOMS										
LOWER PLIOCENE N18 - N19 CN11	R/M					● 49.5% ● 1.83			0.5					CLAYEY NANNOFOSSIL OOZE  Major lithology: Gray (5Y 5/1) firm bioturbated CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS and minor DOLOMITE.  SMEAR SLIDE SUMMARY (%):  COMPOSITION:  Bioclast 10 10 10 15 10 Dolomite 5 2 2 3 3 Foraminifers 15 10 10 15 5 Micrite 17 ... .. Nannofossils 30 74 70 58 79 Pyrite 1 ... 5 ... Quartz 5 2 3 7 3 Spicules 2 2 ... ..
	A/G					● 69.7%		1.0						
						● 50.1% ● 1.95			2					
						● 70.6%			3					
						● 50.1% ● 1.92			4					
						● 59.4%			5					
									6					
								7						
								CC						

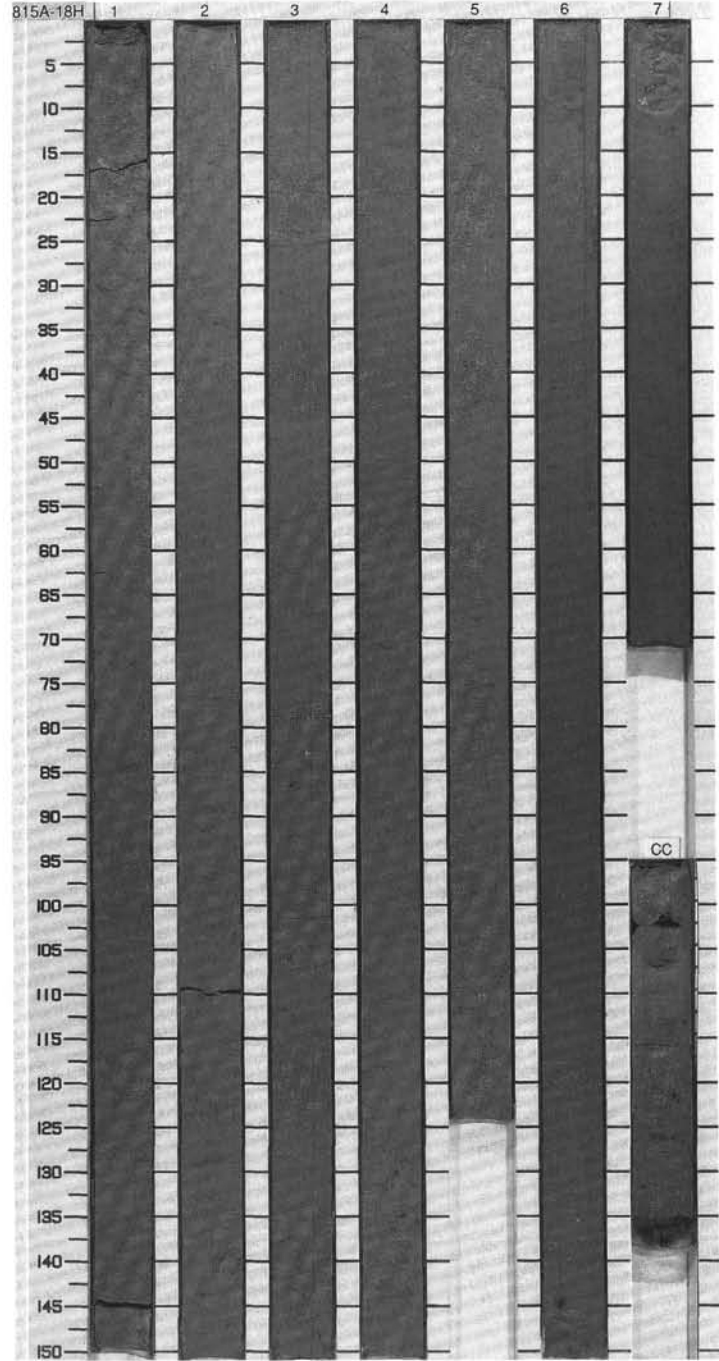




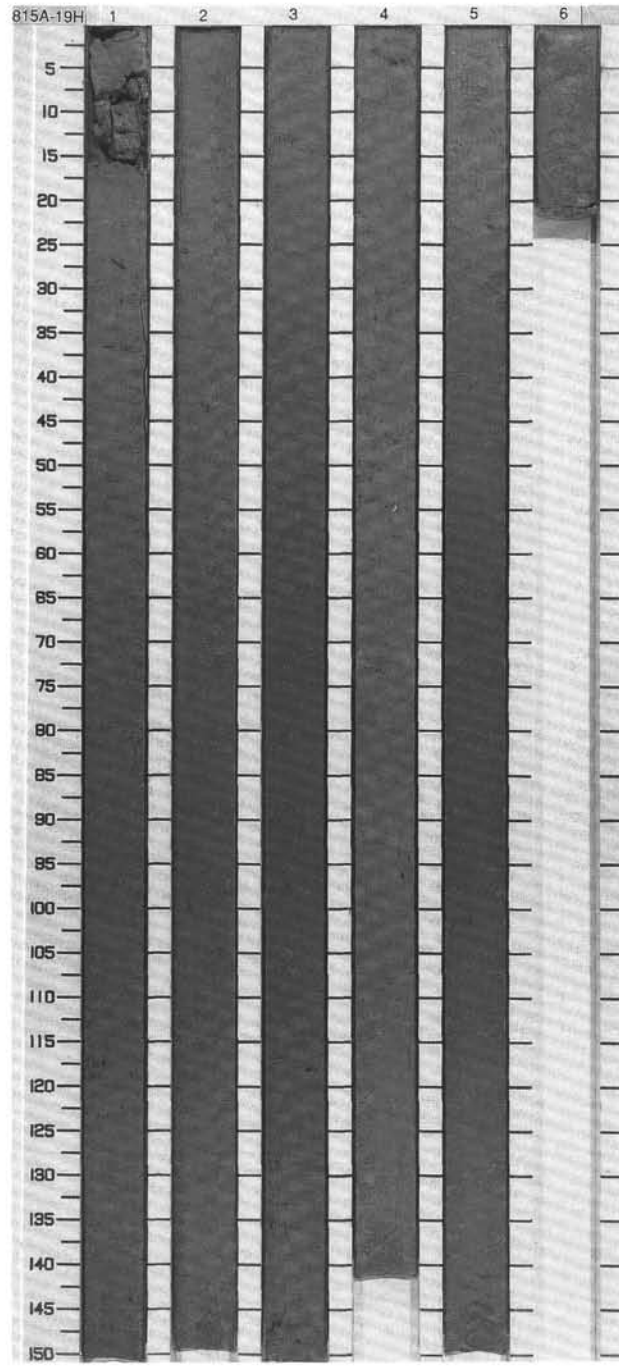


SITE 815 HOLE A CORE 18H CORED INTERVAL 158.8-168.3 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
LOWER PLIOCENE													
C/M	N18 - N19												
A/G	CN11												
					uncertain polarity								
					● 49.0% ● 1.94	● 75.8%	0.5 1.0						
					● 48.1% ● 2.07	● 87.9%	2						
					● 48.8% ● 1.87	● 88.5%	3				*		
						● 70.1%	4						
							5						
							6						
							7						
							CC						

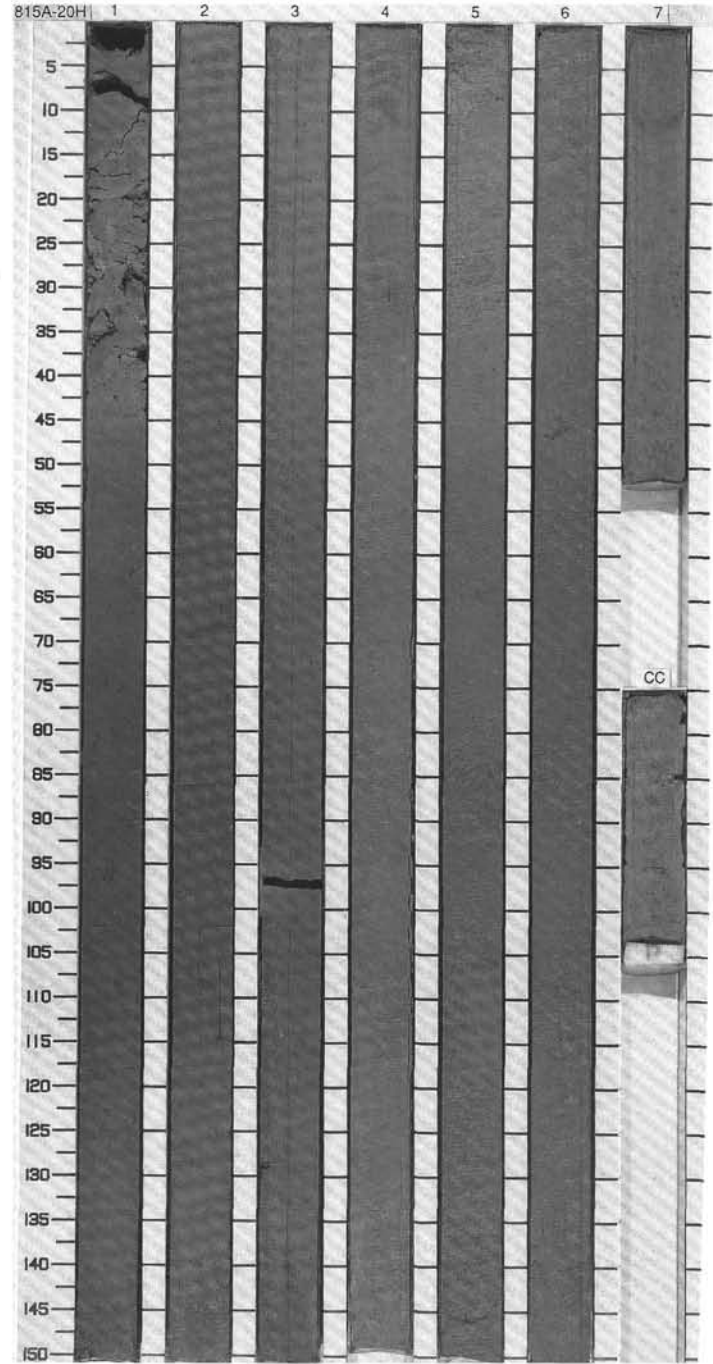


TIME - ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
LOWER PLOCENE														NANNOFOSSIL CLAYEY MIXED SEDIMENT.  Major lithology: Gray to dark gray (5Y 5/1 to 5Y 4/1), firm bioturbated NANNOFOSSIL CLAYEY MIXED SEDIMENT.  SMEAR SLIDE SUMMARY (%): 3.78 D  TEXTURE: Sand 15 Silt 50 Clay 30  COMPOSITION: Foraminifers 15 Lithoclast 20 Micrite 15 Nannofossils 40 Quartz 5
C/M	N18 - N19				50.2% ● 1.97	52.6% ● 1.84	1	0.5						
A/G	CN11				52.1% ● 1.87	52.6% ● 1.84	2	1.0						
					44.4% ● 1.87	50.3% ● 1.84	3							
					50.3% ● 1.87	50.3% ● 1.84	4							
					52.1% ● 1.87	52.6% ● 1.84	5							

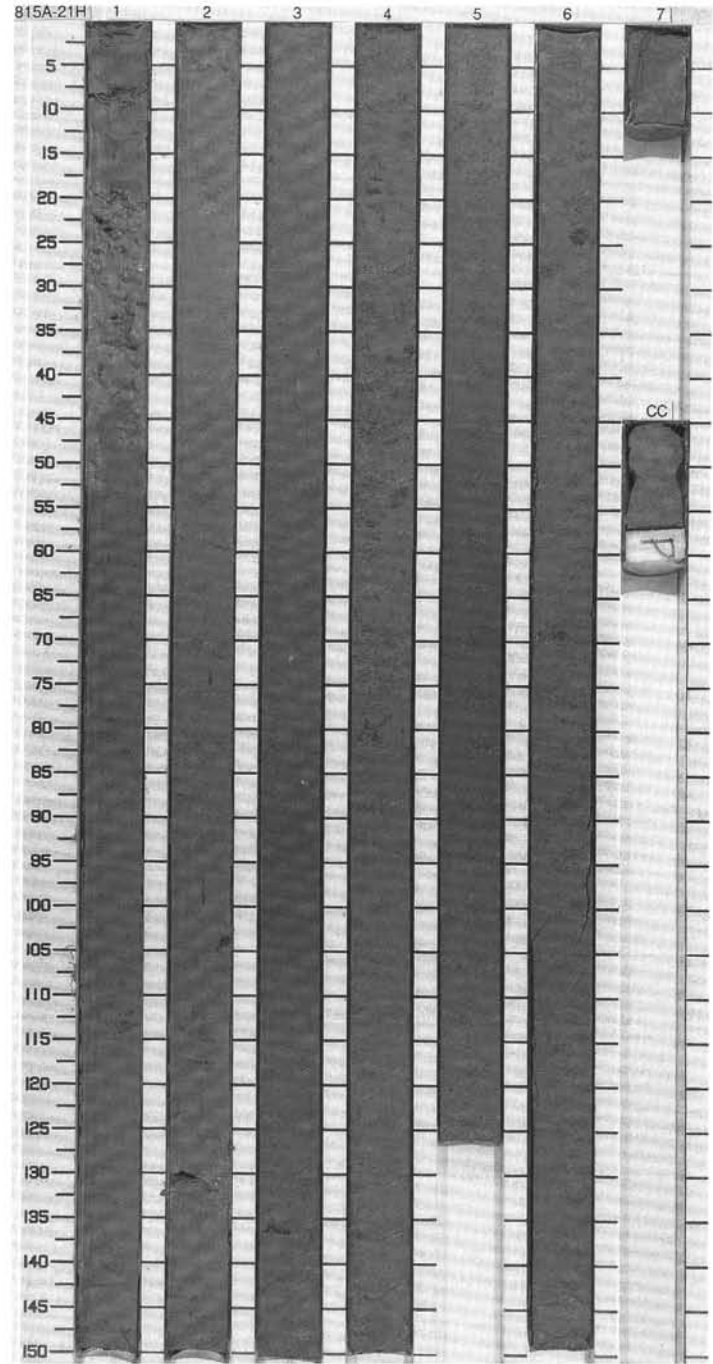


SITE 815 HOLE A CORE 20H CORED INTERVAL 177.8-187.3 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS								
LOWER PLIOCENE												
C/M	N18 - N19											
A/M	CN11											
	uncertain polarity											
					50.2% ● 1.82			0.5				
					59.3% ● 1.98			1.0				
					77.2% ● 87.2%			2.0				
					46.9% ● 1.98			3.0				
					77.3% ● 81.9%			4.0				
								5.0				
								6.0				
								7.0				
								CC				

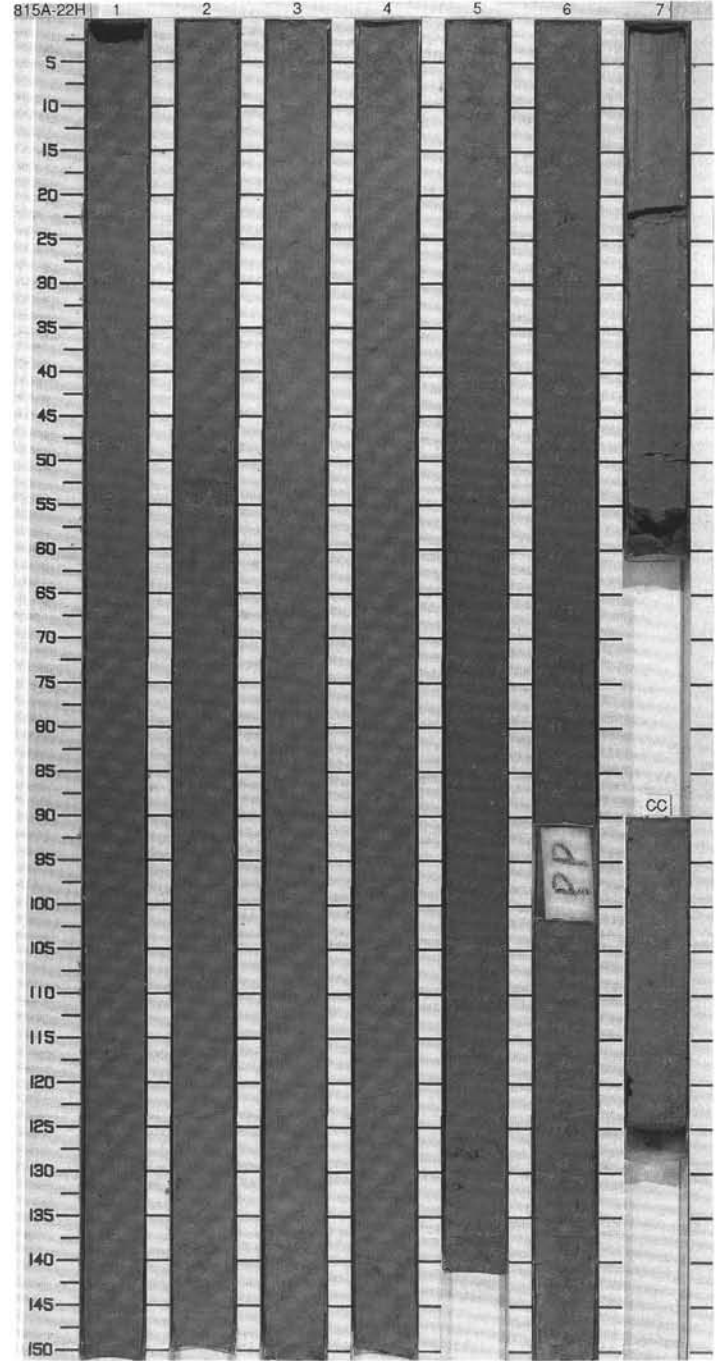


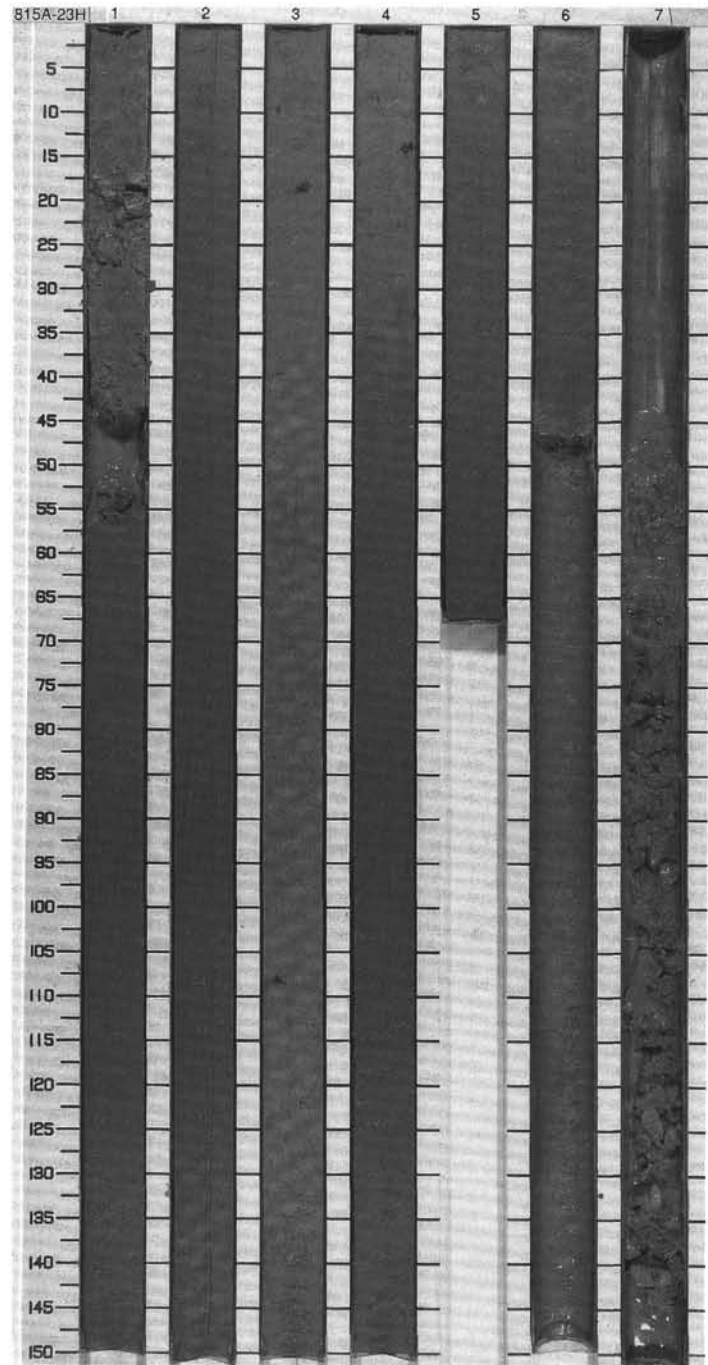
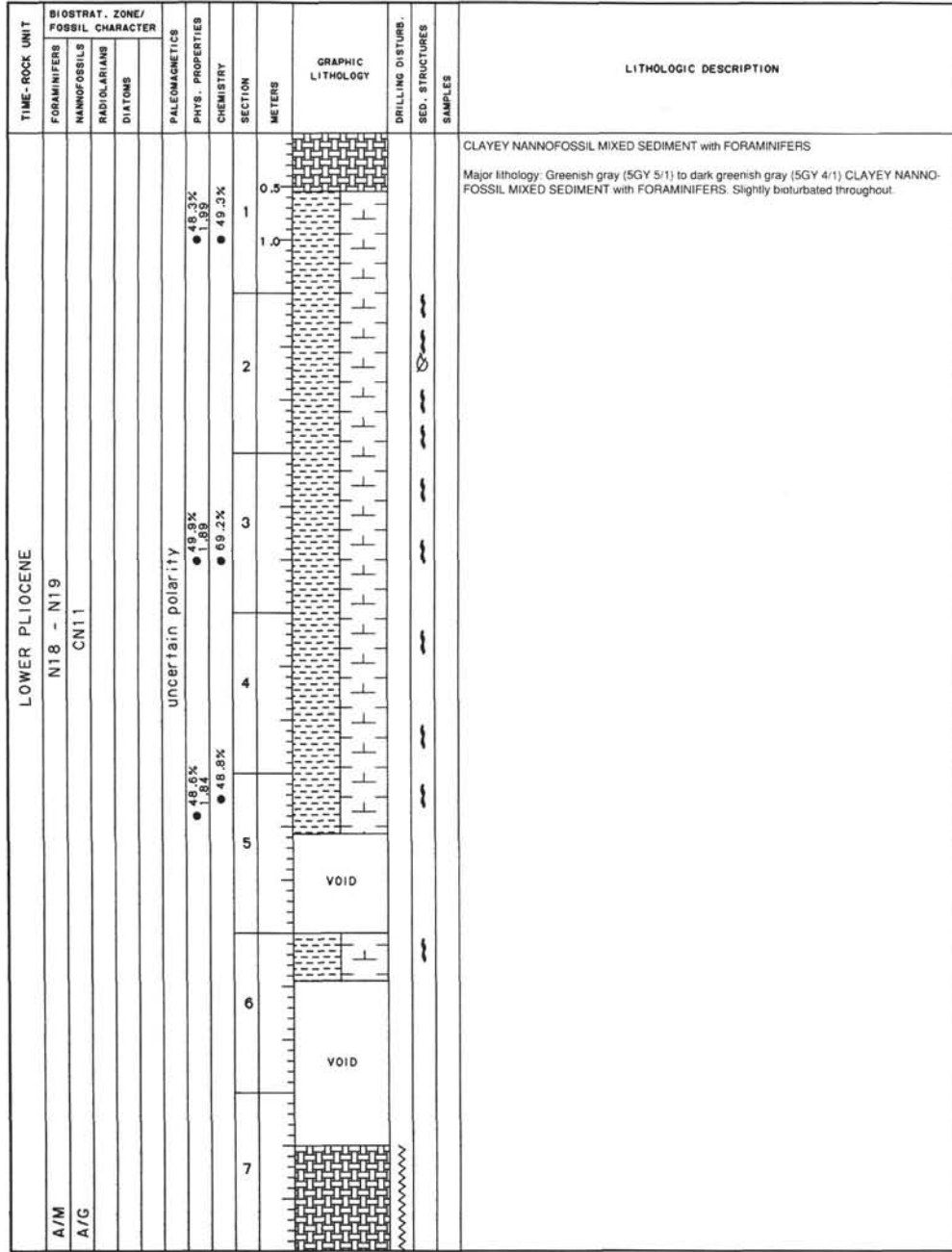
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																								
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																		
LOWER PLIOCENE																																					
N18 - N19																																					
CNT1																																					
uncertain polarity																																					
A/M					● 50.7% ● 1.87				0.5				<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT</p> <p>Major lithology: Gray (5Y 5/1) to dark gray (5Y 4/1) NANNOFOSSIL CLAYEY MIXED SEDIMENT with burrows.</p> <p>SMEAR SLIDE SUMMARY (%)</p> <table border="0"> <tr><td></td><td>3.80</td></tr> <tr><td>D</td><td></td></tr> </table> <p>TEXTURE:</p> <table border="0"> <tr><td>Sand</td><td>15</td></tr> <tr><td>Silt</td><td>60</td></tr> <tr><td>Clay</td><td>25</td></tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr><td>Bioclast</td><td>5</td></tr> <tr><td>Dolomite</td><td>3</td></tr> <tr><td>Foraminifers</td><td>15</td></tr> <tr><td>Lithoclast</td><td>20</td></tr> <tr><td>Micrite</td><td>9</td></tr> <tr><td>Nannofossils</td><td>40</td></tr> <tr><td>Quartz</td><td>5</td></tr> </table>		3.80	D		Sand	15	Silt	60	Clay	25	Bioclast	5	Dolomite	3	Foraminifers	15	Lithoclast	20	Micrite	9	Nannofossils	40	Quartz	5
	3.80																																				
D																																					
Sand	15																																				
Silt	60																																				
Clay	25																																				
Bioclast	5																																				
Dolomite	3																																				
Foraminifers	15																																				
Lithoclast	20																																				
Micrite	9																																				
Nannofossils	40																																				
Quartz	5																																				
A/G					● 49.3% ● 1.84			1.0																													
					● 46.9% ● 2.00			2.0																													
					● 49.6% ● 1.84			3.0																													
					● 49.6% ● 1.84			4.0																													
					● 49.6% ● 1.84			5.0																													
					● 49.6% ● 1.84			6.0																													
					● 49.6% ● 1.84			7.0																													
					● 49.6% ● 1.84			8.0																													
					● 49.6% ● 1.84			9.0																													
					● 49.6% ● 1.84			10.0																													



SITE 815 HOLE A CORE 22H CORED INTERVAL 196.8-206.3 mbsf

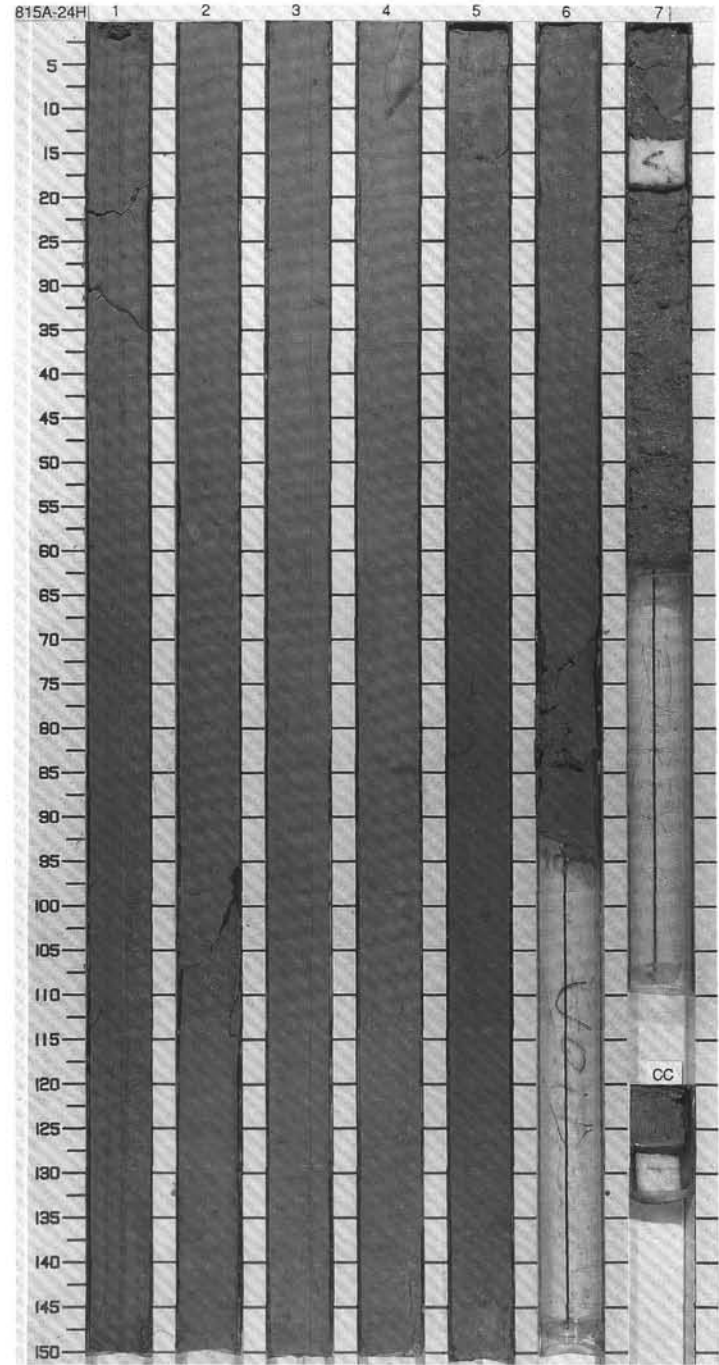
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SEP. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																													
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONES																																																							
LOWER PLIOCENE														<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS</p> <p>Major lithology: Olive gray (5Y 5/2) to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 100</td> <td>1, 101</td> <td>2, 52</td> <td>5, 100</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>Calcite</td> <td>--</td> <td>5</td> <td>7</td> <td>6</td> </tr> <tr> <td>Clay</td> <td>50</td> <td>25</td> <td>35</td> <td>30</td> </tr> <tr> <td>Foraminifers</td> <td>15</td> <td>20</td> <td>10</td> <td>15</td> </tr> <tr> <td>Lithoclast</td> <td>10</td> <td>9</td> <td>1</td> <td>10</td> </tr> <tr> <td>Nannofossils</td> <td>25</td> <td>37</td> <td>35</td> <td>33</td> </tr> <tr> <td>Quartz</td> <td>--</td> <td>1</td> <td>5</td> <td>1</td> </tr> <tr> <td>Spicules</td> <td>--</td> <td>3</td> <td>3</td> <td>4</td> </tr> </table>		1, 100	1, 101	2, 52	5, 100		D	D	D	D	Calcite	--	5	7	6	Clay	50	25	35	30	Foraminifers	15	20	10	15	Lithoclast	10	9	1	10	Nannofossils	25	37	35	33	Quartz	--	1	5	1	Spicules	--	3	3	4
	1, 100	1, 101	2, 52	5, 100																																																							
	D	D	D	D																																																							
Calcite	--	5	7	6																																																							
Clay	50	25	35	30																																																							
Foraminifers	15	20	10	15																																																							
Lithoclast	10	9	1	10																																																							
Nannofossils	25	37	35	33																																																							
Quartz	--	1	5	1																																																							
Spicules	--	3	3	4																																																							
A/M	N18 - N19				● 51.9%	● 66.0%	0.5		1	**																																																	
A/G	CN11				● 1.8%	● 72.4%	1.0		2	*																																																	
				uncertain polarity	● 47.8%	● 72.4%			3																																																		
					● 1.8%	● 72.4%			4																																																		
					● 45.8%	● 50.6%			5																																																		
					● 1.8%	● 50.6%			6																																																		
					● 50.8%	● 73.4%			7																																																		
					● 2.0%	● 73.4%			CC																																																		





SITE 815 HOLE A CORE 24H CORED INTERVAL 215.8-225.3 mbsf

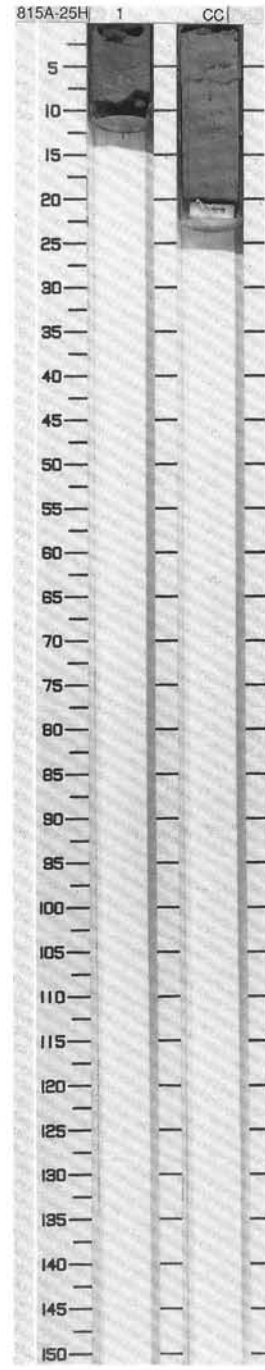
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
LOWER PLOIOCENE														
A/M	NT8 - NT9					● 10.8% ● 1.94%			0.5					<p>NANNOFOSSIL OOZE with FORAMINIFERS and CLAY.</p> <p>Major lithology: Gray (5Y 6/1) to greenish gray (5GY 5/1) NANNOFOSSIL OOZE with FORAMINIFERS and CLAY. Slightly bioturbated throughout.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p>4.87 0</p> <p>COMPOSITION:</p> <p>Calcite 10 Clay 30 Foraminifers 10 Lithoclast 2 Nannofossils 33 Quartz 8 Spicules 7</p>
A/S	CN11					● 69.1%		1.0						
								2						
								3						
								4						
						● 71.7%		5						
						● 60.3% ● 1.90%		6						
								VOID						
								7						





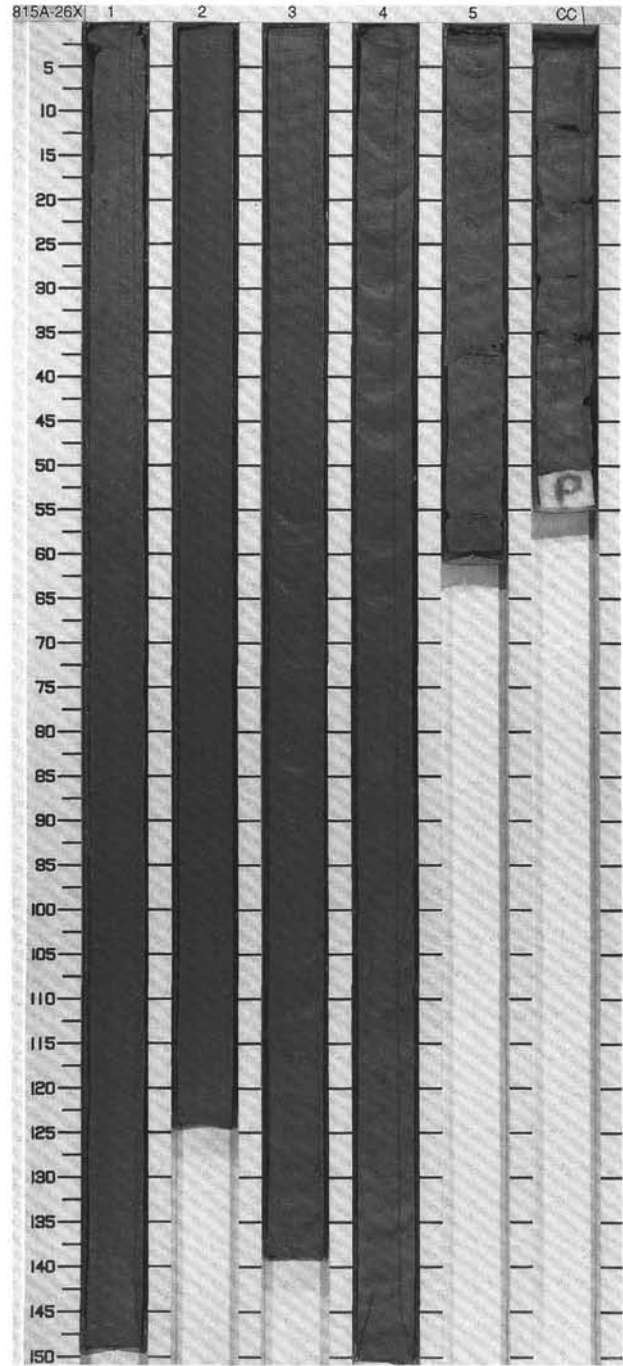
SITE 815 HOLE A CORE 25H CORED INTERVAL 225.3-225.8 mbsf

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										
LOWER PLIOCENE													
A/M	N18 - N19					67.6%	CC						NANNOFOSSIL OOZE
A/G	CN11			not measured									Major lithology: Gray (5Y 6/1) to greenish gray (5GY 5/1) NANNOFOSSIL OOZE with burrows.



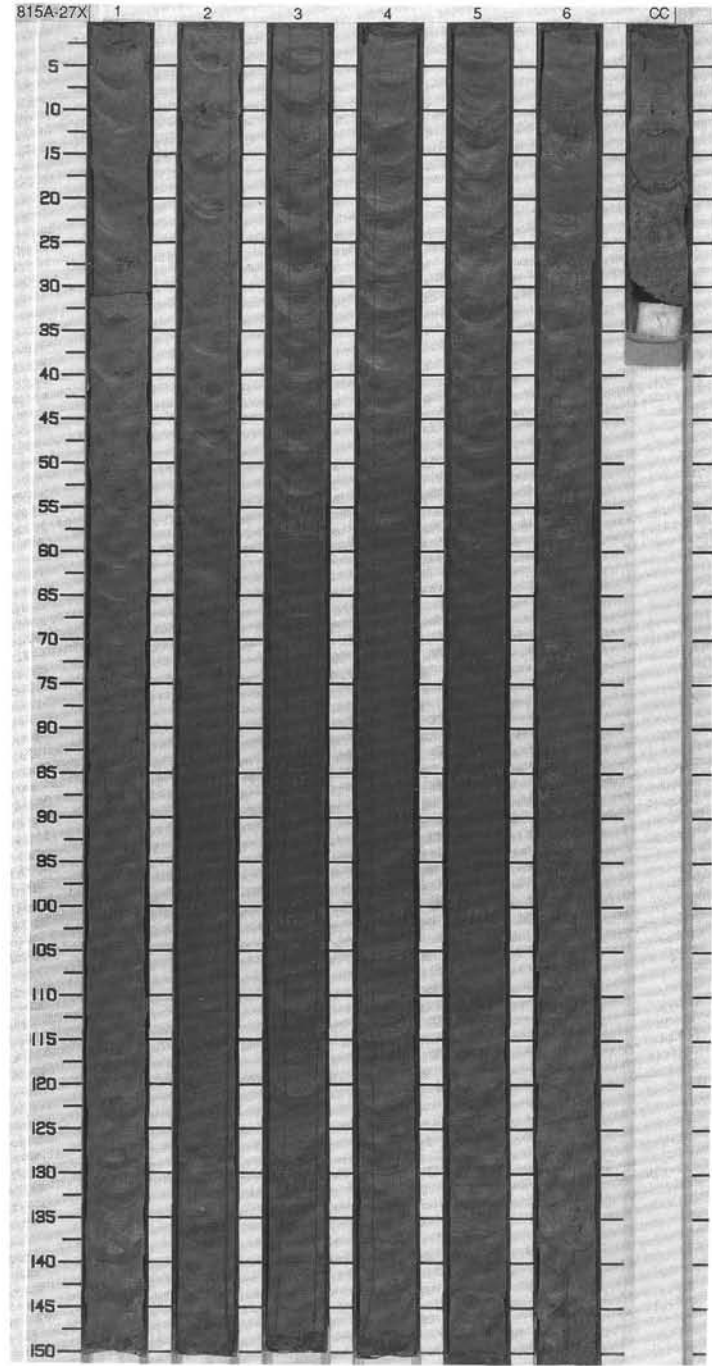
SITE 815 HOLE A CORE 26X CORED INTERVAL 225.8-232.2 mbsf

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																																				
LOWER PLIOCENE																																							
N18 - N19																																							
CN11																																							
uncertain polarity																																							
● 51.5% ● 1.93																																							
● 40.5%																																							
● 49.8% ● 1.81																																							
● 62.6%																																							
● 50.4%																																							
CC																																							
OG																																							
IW																																							
232																																							
<p>NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS</p> <p>Major lithology: Gray (5Y 6/1) to greenish gray (5GY 5/1) NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr> <td></td> <td>2.60</td> </tr> <tr> <td>D</td> <td></td> </tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr> <td>Calcite</td> <td>4</td> </tr> <tr> <td>Clay</td> <td>48</td> </tr> <tr> <td>Foraminifers</td> <td>5</td> </tr> <tr> <td>Lithoclast</td> <td>2</td> </tr> <tr> <td>Nannofossils</td> <td>30</td> </tr> <tr> <td>Quartz</td> <td>4</td> </tr> <tr> <td>Spicules</td> <td>7</td> </tr> </table>																							2.60	D		Calcite	4	Clay	48	Foraminifers	5	Lithoclast	2	Nannofossils	30	Quartz	4	Spicules	7
	2.60																																						
D																																							
Calcite	4																																						
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Foraminifers	5																																						
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Spicules	7																																						



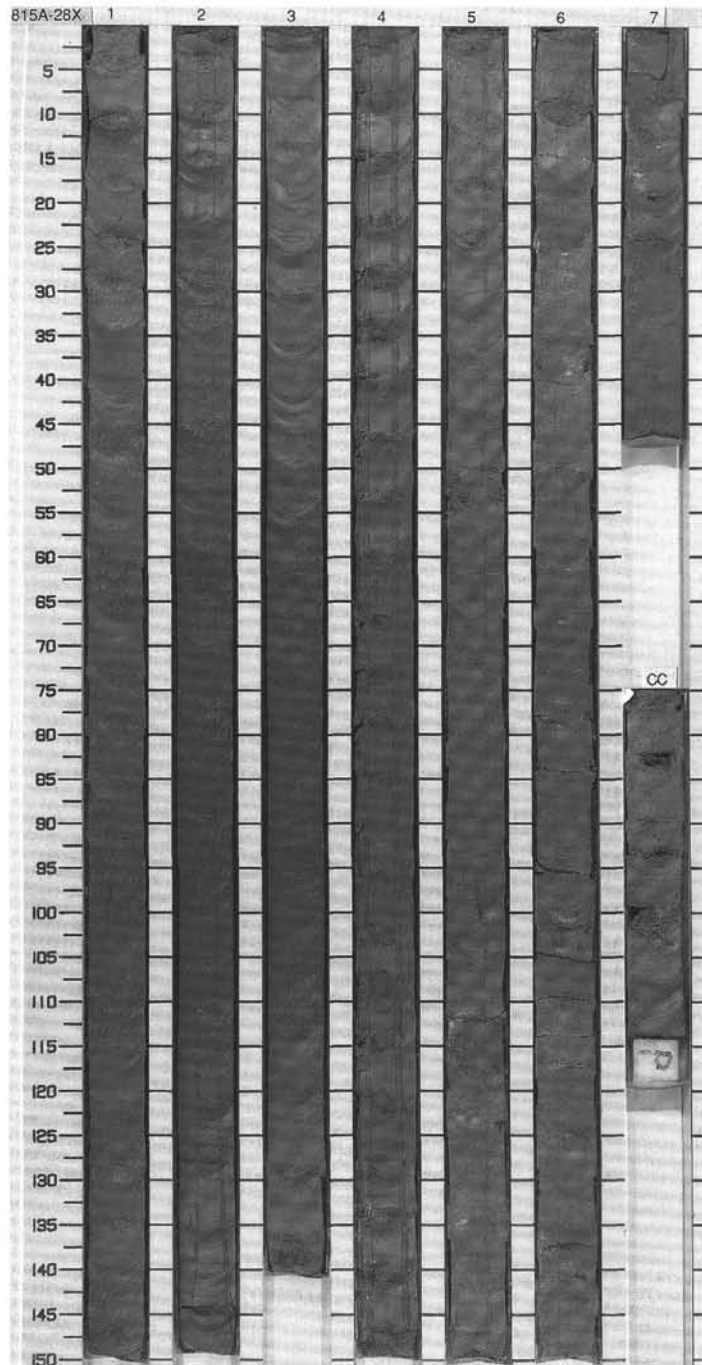
SITE 815 HOLE A CORE 27X CORED INTERVAL 232.2-241.8 mbsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
FORAMINIFERS	NANNOFOSSILS											
LOWER PLIOCENE												NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS Major lithology: Gray (5Y 5/1) to dark gray (5Y 4/1) NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS. Slightly burrowed throughout.
C/M	N18 - N19						0.5					
A/G	CN11						1.0					
							2					
							3					
							4					
							5					
							6					
							CC					

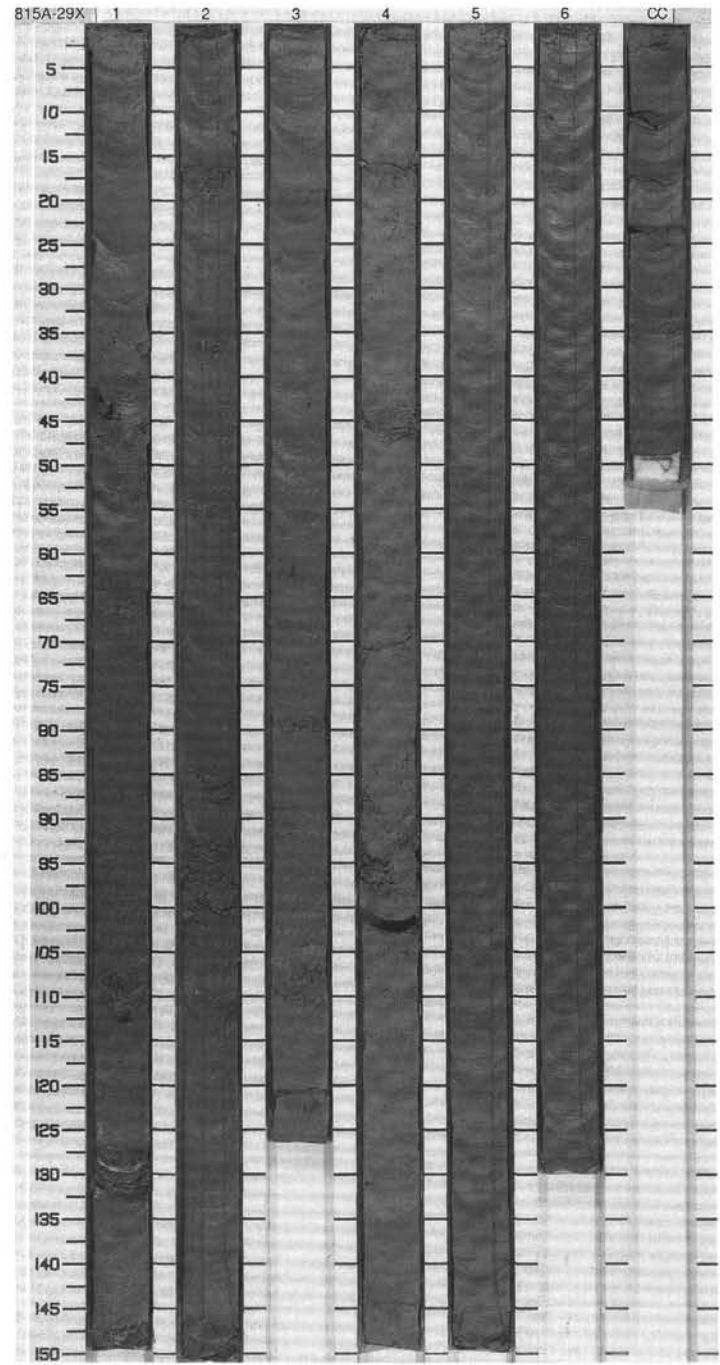


SITE 815 HOLE A CORE 28X CORED INTERVAL 241.8-251.5 mbsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
C/M	A/G	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONIS								
LOWER PLIOCENE													NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS  Major lithology: Gray (5GY 6/1) NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS. Slightly burrowed throughout.  SMEAR SLIDE SUMMARY (%):  2.94 D  COMPOSITION:  Carbonate grains      5 Clay                      37 Foraminifers            5 Nannofossils            34 Polyquartz              8 Quartz                    5 Spicules                 6
						● 50.8%	● 1.90		1				
						● 43.1%			2				
							● 53.1%		3				
									4				
							● 51.7%		5				
						● 1.90	● 64.7%		6				
									7				
									CC				

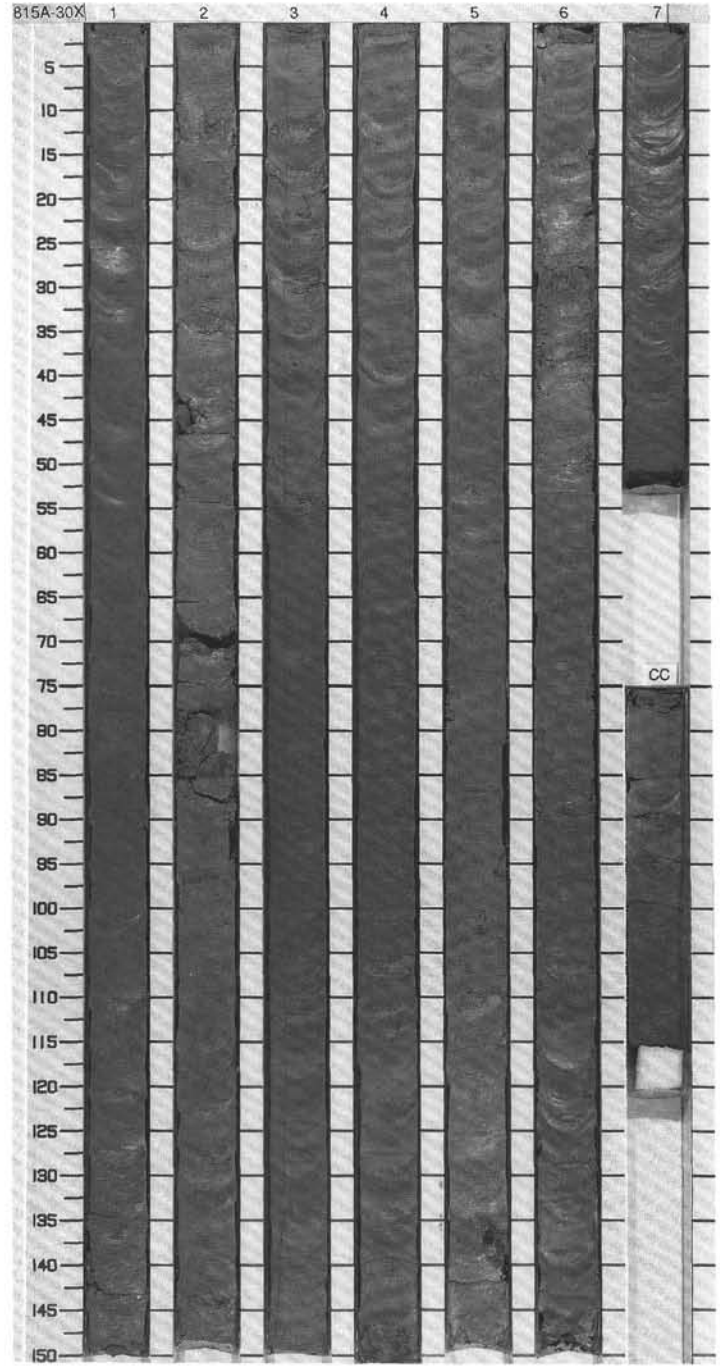


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
LOWER PLOCIENE													
C/M	N18 - N19							1	0.5				NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS  Major lithology: Gray (5Y 6/1) to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAYEY MIXED SEDIMENT with FORAMINIFERS. Slightly burrowed throughout.
A/G	CN11						2	1.0					
					● 49.5% ● 1.91	● 45.6%	3						
					uncertain polarity		4				OG		
					● 47.0% ● 1.84	● 43.4%	5						
							6						
							CC						

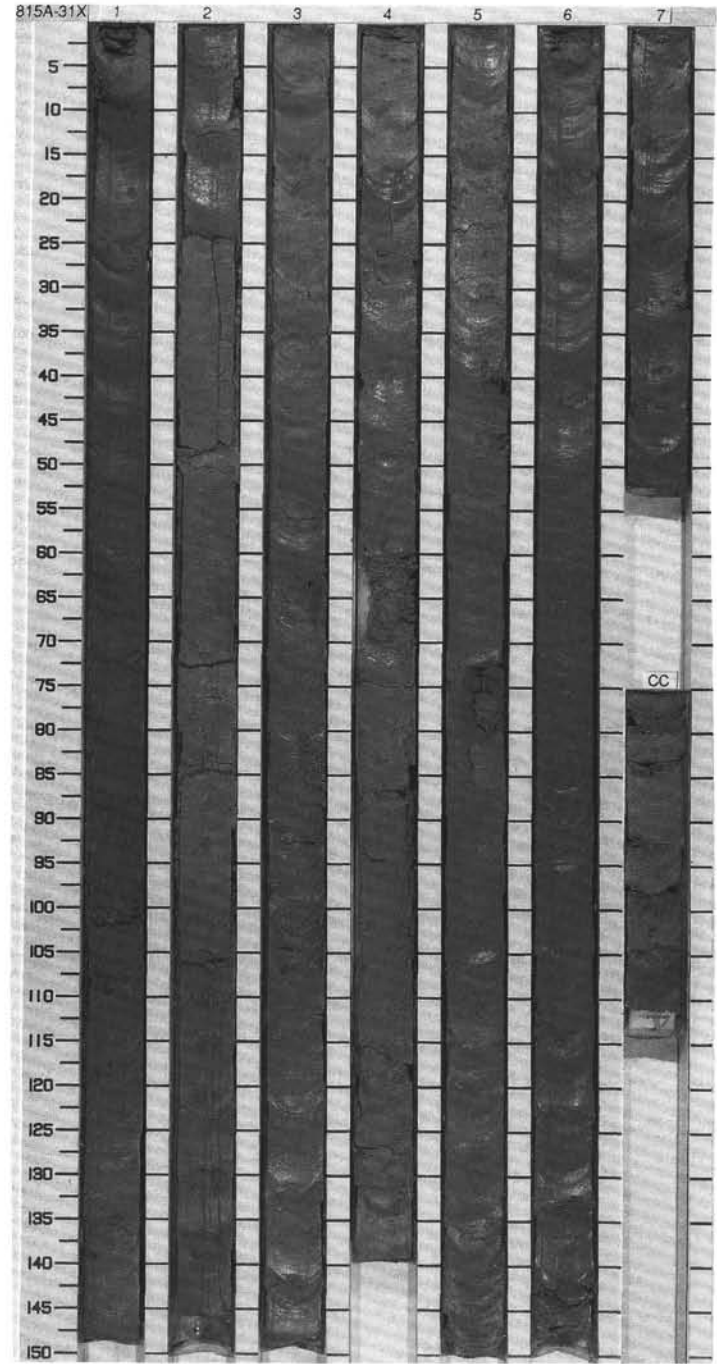


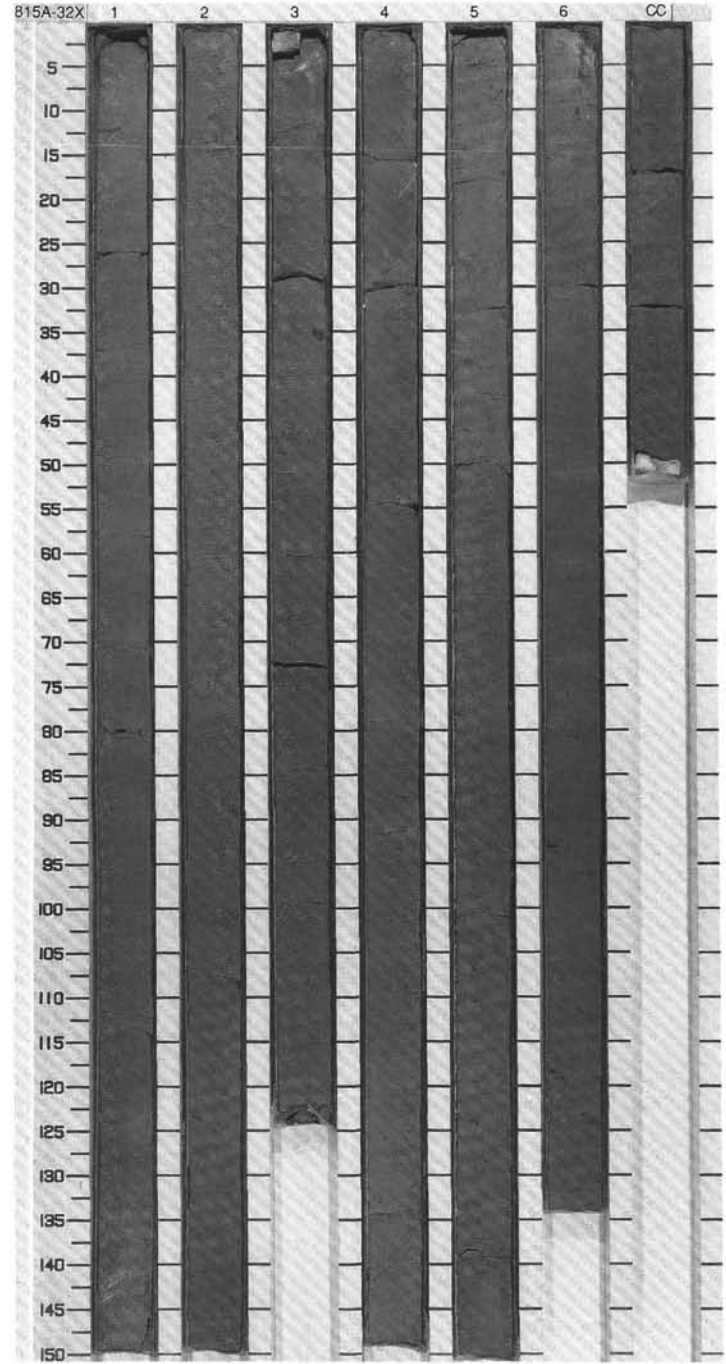
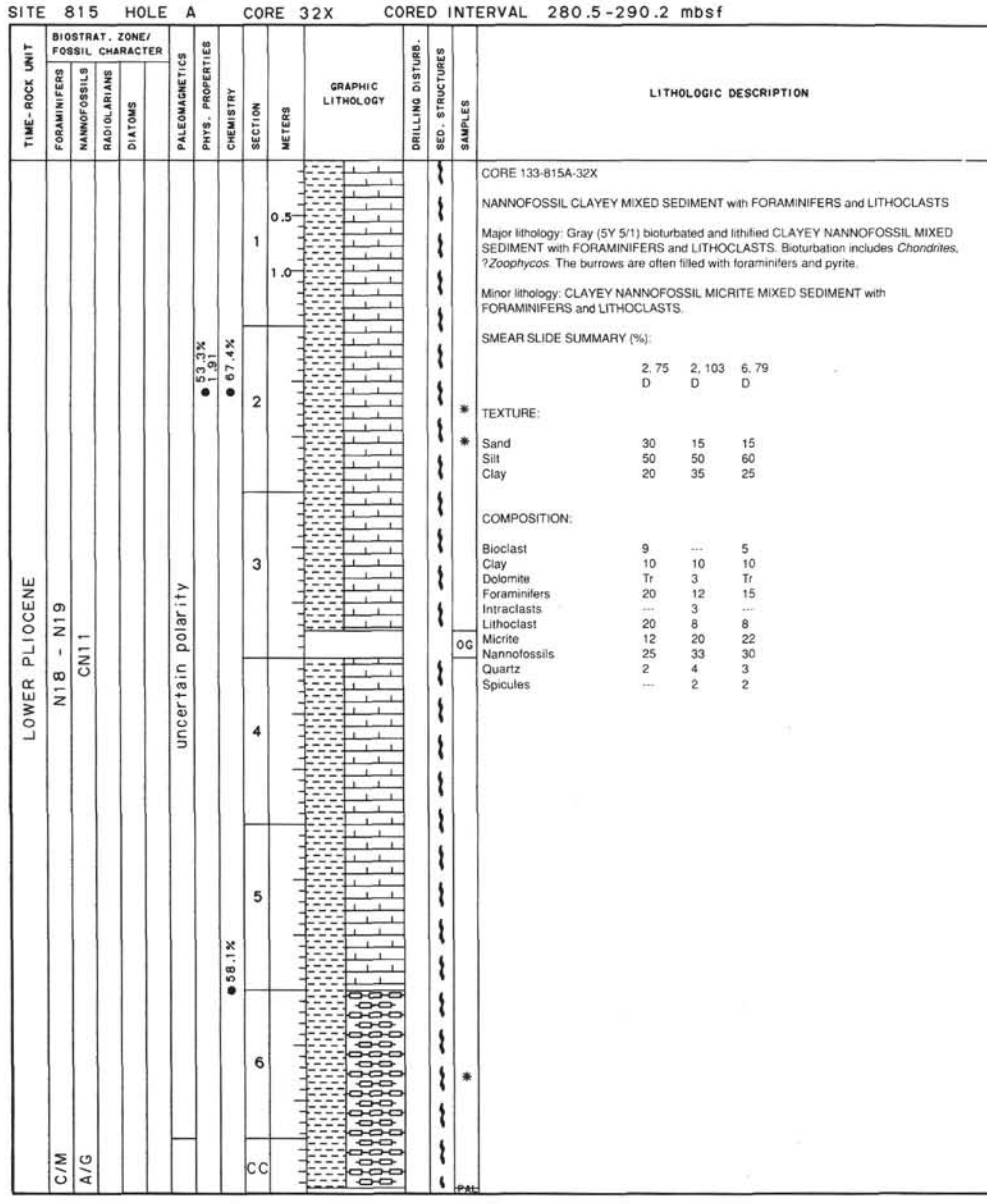
SITE 815 HOLE A CORE 30X CORED INTERVAL 261.2-270.8 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
LOWER PLIOCENE	N18 - N19 CN11		● 52.8% ● 1.82		1 2 3 4 5 6 7 CC	[Graphic lithology symbols]				CLAYEY NANNOFOSSIL OOZE Major lithology: Greenish gray (5GY 5/1) to dark greenish gray (5GY 4/1) CLAYEY NANNOFOSSIL OOZE. Slightly burrowed throughout. SMEAR SLIDE SUMMARY (%): 2.48 3.52 D D COMPOSITION: Bioclast --- 2 Carbonate particles 33 2 Clay 27 40 Dolomite 3 --- Foraminifers 3 4 Lithoclast --- 5 Nannofossils 20 40 Polyquartz 14 --- Quartz --- 4 Spicules --- 3
C/M	N18 - N19		● 50.9% ● 1.87							
A/G	CN11		● 61.4% ● 62.5%							
	uncertain polarity									



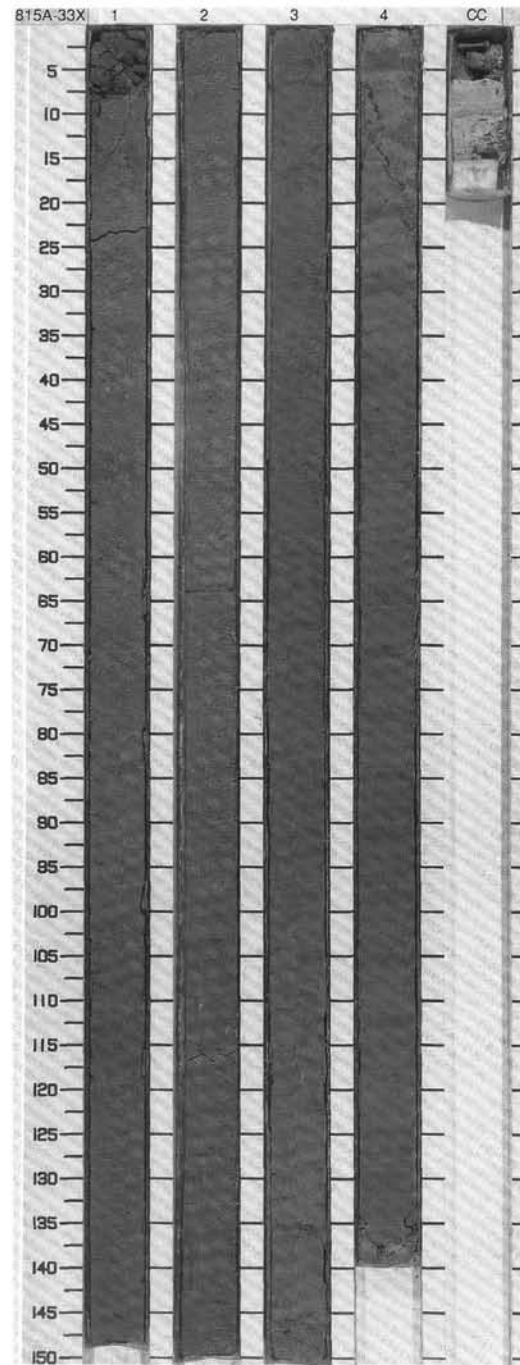
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER		PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																														
FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONS																																								
LOWER PLIOCENE		N18 - N19 CN11						0.5 1.0					<p>* NANNOFOSSIL CLAYEY OOZE</p> <p>Major lithology: Gray (5Y 6/1) to greenish gray (5GY 5/1) NANNOFOSSIL CLAYEY OOZE. Slightly burrowed throughout.</p> <p>Minor lithology: Light gray (5Y 6/1) NANNOFOSSIL OOZE with CLAY, FORAMINIFERS and detrital CALCITE.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr> <td></td> <td>1, 16</td> <td>2, 16</td> </tr> <tr> <td></td> <td>0</td> <td>D</td> </tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr> <td>Carbonate grains</td> <td>---</td> <td>23</td> </tr> <tr> <td>Clay</td> <td>35</td> <td>25</td> </tr> <tr> <td>Foraminifers</td> <td>9</td> <td>20</td> </tr> <tr> <td>Micrite</td> <td>---</td> <td>4</td> </tr> <tr> <td>Nannofossils</td> <td>50</td> <td>25</td> </tr> <tr> <td>Polyquartz</td> <td>3</td> <td>---</td> </tr> <tr> <td>Quartz</td> <td>3</td> <td>---</td> </tr> <tr> <td>Spicules</td> <td>---</td> <td>3</td> </tr> </table>		1, 16	2, 16		0	D	Carbonate grains	---	23	Clay	35	25	Foraminifers	9	20	Micrite	---	4	Nannofossils	50	25	Polyquartz	3	---	Quartz	3	---	Spicules	---	3
	1, 16	2, 16																																									
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Polyquartz	3	---																																									
Quartz	3	---																																									
Spicules	---	3																																									
C/M				● 48.7%	● 1.93		2																																				
A/G				● 67.6%			3																																				
							4																																				
				● 49.1%	● 1.91		5																																				
				● 58.2%			6																																				
							7																																				
							CC																																				





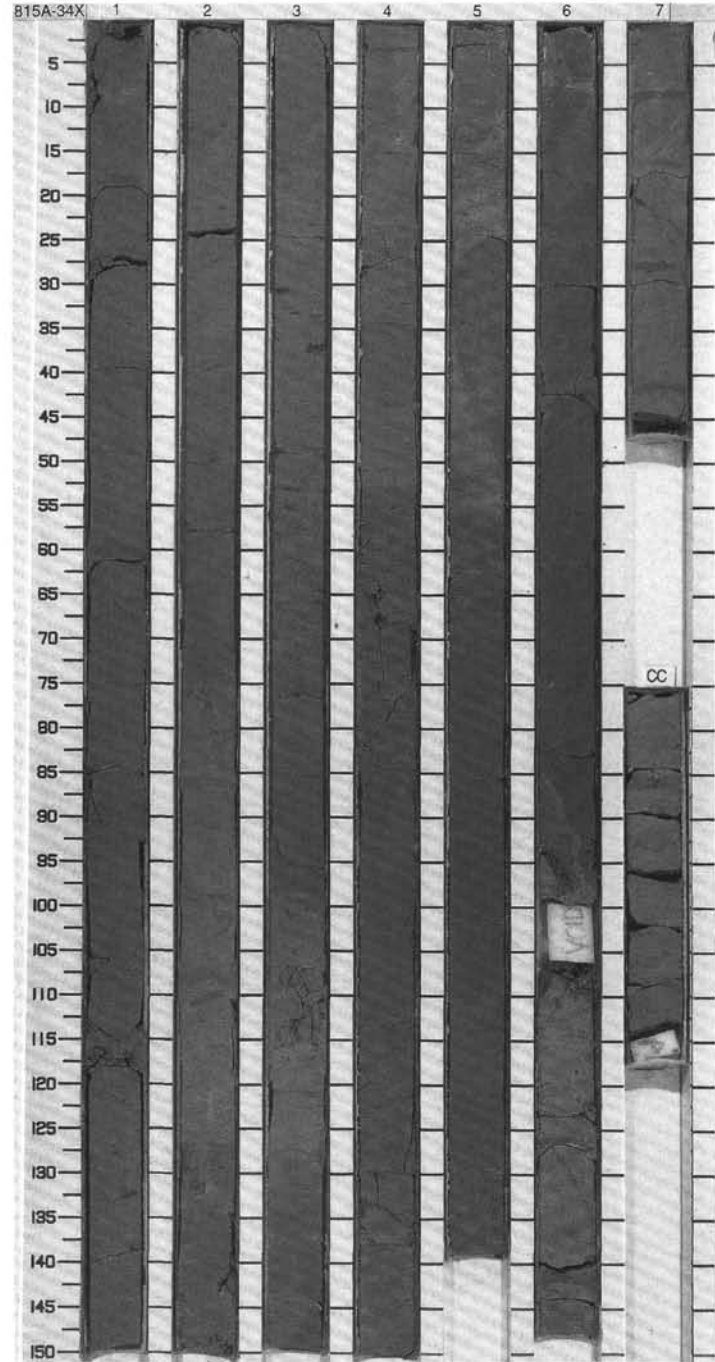


TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES		SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																																															
LOWER PLIOCENE		FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS	PALEOMAGNETICS	CHEMISTRY																																																																						
C/M	N18 - N19							1	0.5				<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT and CLAYEY DOLOMITIC CALCITE MIXED SEDIMENT</p> <p>Major lithology: Gray (5Y 5/1), lithified CLAYEY NANNOFOSSIL MIXED SEDIMENT. Frequent burrows are filled with foraminifers and pyrite.</p> <p>Minor lithology: Light gray (5Y 7/1), laminated CLAYEY DOLOMITIC CALCITE MIXED SEDIMENT, which is not lithified.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>2, 103</td> <td>4, 139</td> <td>CC, 10</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>30</td> <td>70</td> </tr> <tr> <td>Silt</td> <td>65</td> <td>50</td> <td>20</td> </tr> <tr> <td>Clay</td> <td>15</td> <td>20</td> <td>10</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>5</td> <td>10</td> <td>10</td> </tr> <tr> <td>Calcite</td> <td>---</td> <td>30</td> <td>---</td> </tr> <tr> <td>Clay</td> <td>5</td> <td>---</td> <td>---</td> </tr> <tr> <td>Dolomite</td> <td>2</td> <td>45</td> <td>82</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>5</td> <td>5</td> </tr> <tr> <td>Lithoclast</td> <td>10</td> <td>---</td> <td>---</td> </tr> <tr> <td>Micrite</td> <td>20</td> <td>---</td> <td>3</td> </tr> <tr> <td>Nannofossils</td> <td>39</td> <td>10</td> <td>---</td> </tr> <tr> <td>Pyrite</td> <td>1</td> <td>---</td> <td>---</td> </tr> <tr> <td>Quartz</td> <td>5</td> <td>---</td> <td>---</td> </tr> <tr> <td>Spicules</td> <td>3</td> <td>---</td> <td>---</td> </tr> </table>		2, 103	4, 139	CC, 10		D	D	D	Sand	20	30	70	Silt	65	50	20	Clay	15	20	10	Bioclast	5	10	10	Calcite	---	30	---	Clay	5	---	---	Dolomite	2	45	82	Foraminifers	10	5	5	Lithoclast	10	---	---	Micrite	20	---	3	Nannofossils	39	10	---	Pyrite	1	---	---	Quartz	5	---	---	Spicules	3	---	---
	2, 103	4, 139	CC, 10																																																																										
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R/P	?							1.0																																																																					
						uncertain polarity	● 49.7% ● 1.8%	2																																																																					
							● 55.6%	3																																																																					
							● 59.6%	4																																																																					
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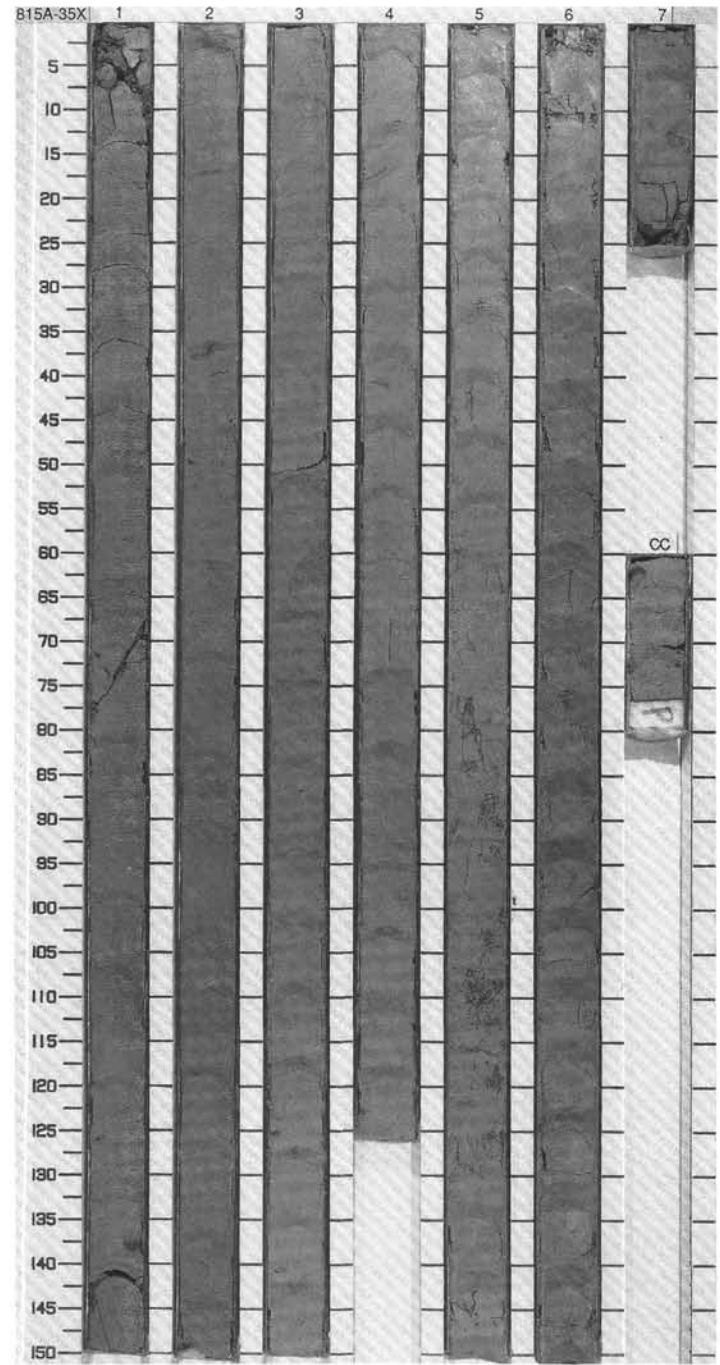


SITE 815 HOLE A CORE 34X CORED INTERVAL 299.9-309.6 mbsf

TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																										
FORMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																																																				
LOWER PLEISTOCENE																																																							
A/G	N18 - N19				● 55.7% ● 1.87			0.5					<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT to CLAYEY FORAMINIFER NANNOFOSSIL MIXED SEDIMENT with intercalations of upward fining CLAYEY FORAMINIFER MIXED SEDIMENTS.</p> <p>Major lithology: Gray (5Y 4/1), lithified CLAYEY NANNOFOSSIL MIXED SEDIMENT and CLAYEY FORAMINIFER NANNOFOSSIL MIXED SEDIMENT at the base of the core. Bioturbation, which is often marked by pyrite and enrichments of foraminifers, occurs throughout the core. Strong contortion of beds in Sections 5-6.</p> <p>Minor lithology: Beds of gray (5Y 5/1), bioturbated CLAYEY FORAMINIFER MIXED SEDIMENT fining upwards and having sharp contacts at the base. Bioturbation prevails.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>2, 113</td> <td>5, 100</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>20</td> <td>10</td> </tr> <tr> <td>Silt</td> <td>50</td> <td>50</td> </tr> <tr> <td>Clay</td> <td>30</td> <td>40</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Bioclast</td> <td>5</td> <td>7</td> </tr> <tr> <td>Clay</td> <td>10</td> <td>10</td> </tr> <tr> <td>Dolomite</td> <td>---</td> <td>3</td> </tr> <tr> <td>Foraminifers</td> <td>20</td> <td>10</td> </tr> <tr> <td>Lithoclast</td> <td>8</td> <td>6</td> </tr> <tr> <td>Micrite</td> <td>20</td> <td>25</td> </tr> <tr> <td>Nannofossils</td> <td>35</td> <td>32</td> </tr> <tr> <td>Opales</td> <td>2</td> <td>2</td> </tr> <tr> <td>Quartz</td> <td>---</td> <td>2</td> </tr> </table>		2, 113	5, 100	D	D	D	Sand	20	10	Silt	50	50	Clay	30	40	Bioclast	5	7	Clay	10	10	Dolomite	---	3	Foraminifers	20	10	Lithoclast	8	6	Micrite	20	25	Nannofossils	35	32	Opales	2	2	Quartz	---	2
	2, 113	5, 100																																																					
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A/G	CN10				● 66.6%		1.0																																																
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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									
LOWER PLOCIENE													<p>NANNOFOSSIL CHALK with FORAMINIFERS</p> <p>Major lithology: Highly bioturbated NANNOFOSSIL CHALK with FORAMINIFERS, olive gray (5Y 6/2) in color. Burrows are often filled with foraminifer-rich sand and pyrite or lighter colored muds. Benthic foraminifers are relatively large. Contortion of beds occurs.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p style="margin-left: 40px;">3, 95 D</p> <p>TEXTURE:</p> <p>Sand 20 Silt 20 Clay 60</p> <p>COMPOSITION:</p> <p>Clay 30 Discoaster 5 Foraminifers 20 Nannofossils 45 Volcanic ash Tr</p>
A/G	N18 - N19				● 47.3%	● 54.5%	● 70.2%	1					
A/G	CN10				● 1.87	● 2.05	● 75.8%	2					
					● 63.5%			3					
								4					
								5	VOID				
								6					
								7					
								CC					



SITE 815 HOLE A CORE 36X CORED INTERVAL 319.3-329.0 mbsf

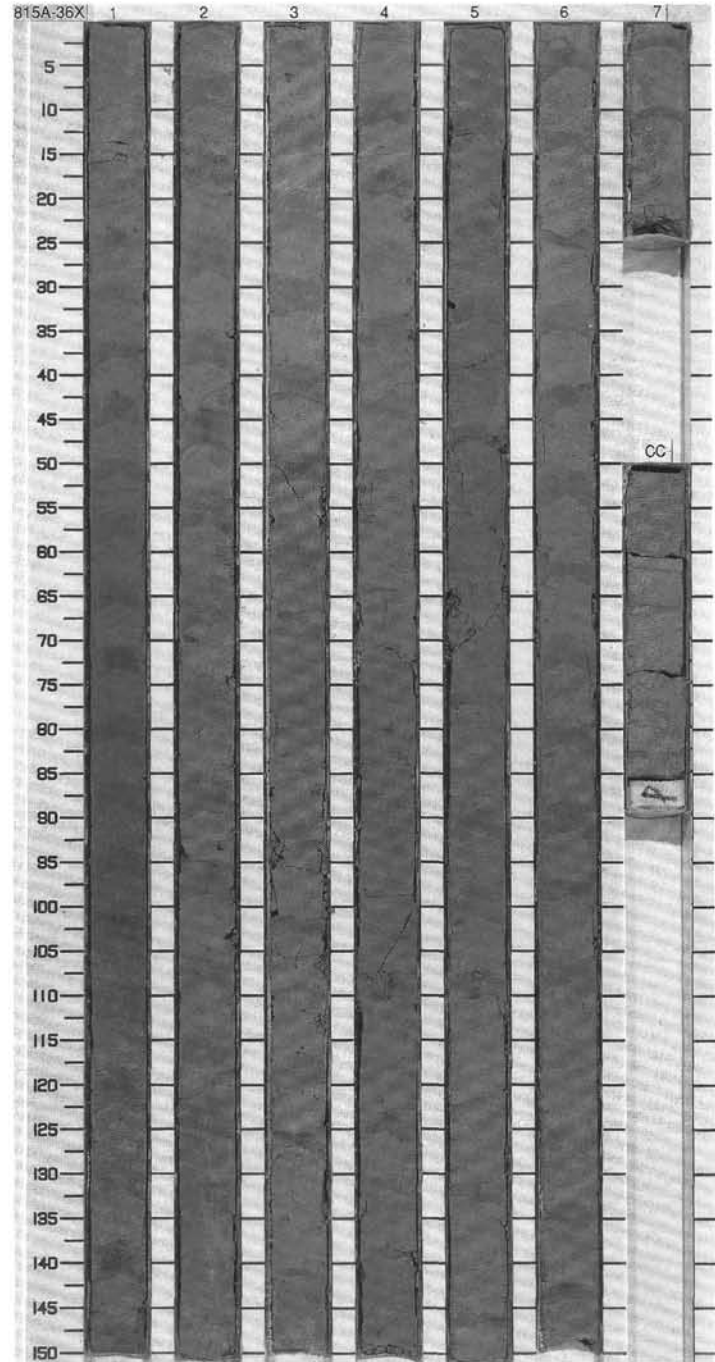
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES SAMPLES	LITHOLOGIC DESCRIPTION																				
A/G	A/M	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONIS																									
LOWER PLIOCENE		N18 - N19 CN10								<p>NANNOFOSSIL CHALK with FORAMINIFERS</p> <p>Major lithology: Light olive gray (5Y 6/2) NANNOFOSSILCHALK with FORAMINIFERS (ratio planktonic:benthic = 2:1). The degree of bioturbation is high throughout the core. Some burrows are filled with foraminifer sand, others with light colored muds. Slumping (Section 2, 130 cm to base of Section 3) occurs.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr><td></td><td>3.95</td></tr> <tr><td>D</td><td></td></tr> </table> <p>TEXTURE:</p> <table border="0"> <tr><td>Sand</td><td>15</td></tr> <tr><td>Silt</td><td>25</td></tr> <tr><td>Clay</td><td>60</td></tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr><td>Clay</td><td>30</td></tr> <tr><td>Discoaster</td><td>5</td></tr> <tr><td>Foraminifers</td><td>20</td></tr> <tr><td>Nannofossils</td><td>45</td></tr> <tr><td>Volcanic ash</td><td>Tr</td></tr> </table>		3.95	D		Sand	15	Silt	25	Clay	60	Clay	30	Discoaster	5	Foraminifers	20	Nannofossils	45	Volcanic ash	Tr
	3.95																													
D																														
Sand	15																													
Silt	25																													
Clay	60																													
Clay	30																													
Discoaster	5																													
Foraminifers	20																													
Nannofossils	45																													
Volcanic ash	Tr																													
						1	0.5																							
						2	1.0																							
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						4																								
						5																								
						6																								
						7																								
						CC																								

uncertain polarity

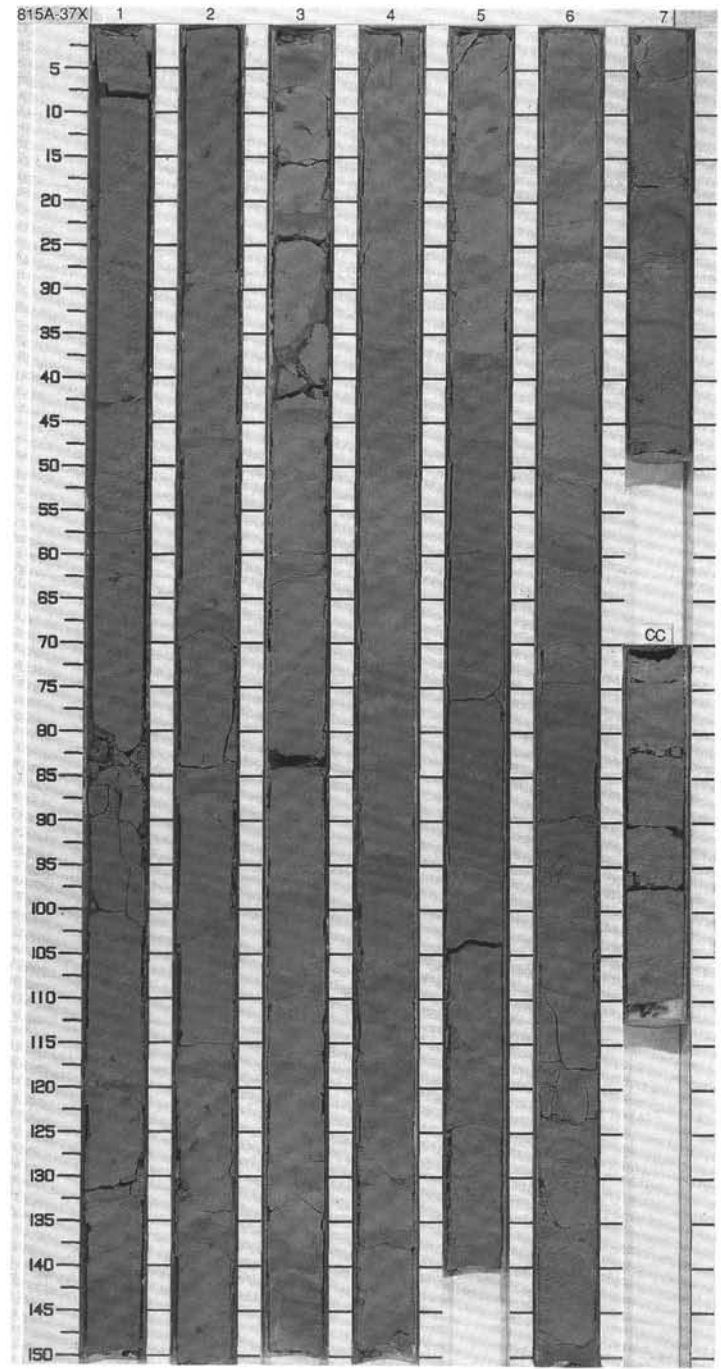
● 41.8%  
● 2.04%  
● 83.4%

● 51.4%  
● 1.60%  
● 85.0%

● 77.5%

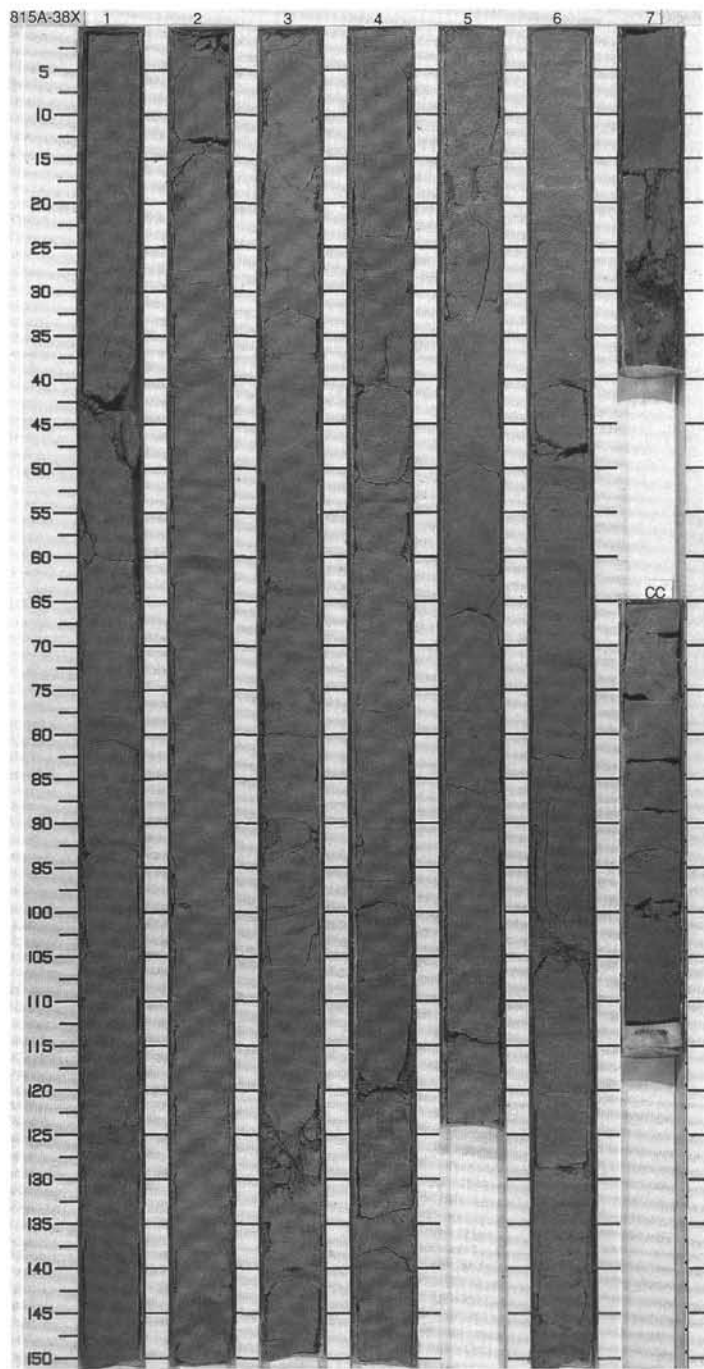


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. BED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																						
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS																															
LOWER PLIOCENE																																			
A/G	N18 - N19				● 49.3%	● 1.83		1	0.5				<p>NANNOFOSSIL CHALK with FORAMINIFERS and FORAMINIFER NANNOFOSSIL CHALK</p> <p>Major lithology: (Section 3-CC) Gray (5Y 6/2) to light olive gray (5Y 5/1), heavily bioturbated and often contorted or slumped NANNOFOSSIL CHALK with benthic FORAMINIFERS.</p> <p>Minor lithology (Section 1-2): Olive gray (5Y 5/2), highly bioturbated FORAMINIFER NANNOFOSSIL CHALK, showing in section 1 (50-56 cm) current cross-lamination.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr> <td></td> <td>2.60</td> </tr> <tr> <td>TEXTURE:</td> <td>D</td> </tr> <tr> <td>Sand</td> <td>20</td> </tr> <tr> <td>Silt</td> <td>30</td> </tr> <tr> <td>Clay</td> <td>50</td> </tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr> <td>Clay</td> <td>30</td> </tr> <tr> <td>Discoaster</td> <td>5</td> </tr> <tr> <td>Foraminifers</td> <td>20</td> </tr> <tr> <td>Nannofossils</td> <td>45</td> </tr> <tr> <td>Quartz</td> <td>Tr</td> </tr> <tr> <td>Volcanic ash</td> <td>Tr</td> </tr> </table>		2.60	TEXTURE:	D	Sand	20	Silt	30	Clay	50	Clay	30	Discoaster	5	Foraminifers	20	Nannofossils	45	Quartz	Tr	Volcanic ash	Tr
	2.60																																		
TEXTURE:	D																																		
Sand	20																																		
Silt	30																																		
Clay	50																																		
Clay	30																																		
Discoaster	5																																		
Foraminifers	20																																		
Nannofossils	45																																		
Quartz	Tr																																		
Volcanic ash	Tr																																		
A/G	CN10			● 49.9%	● 1.97		2	1.0																											
				● 66.1%			3																												
							4																												
							5																												
							6																												
							7																												
							CC																												

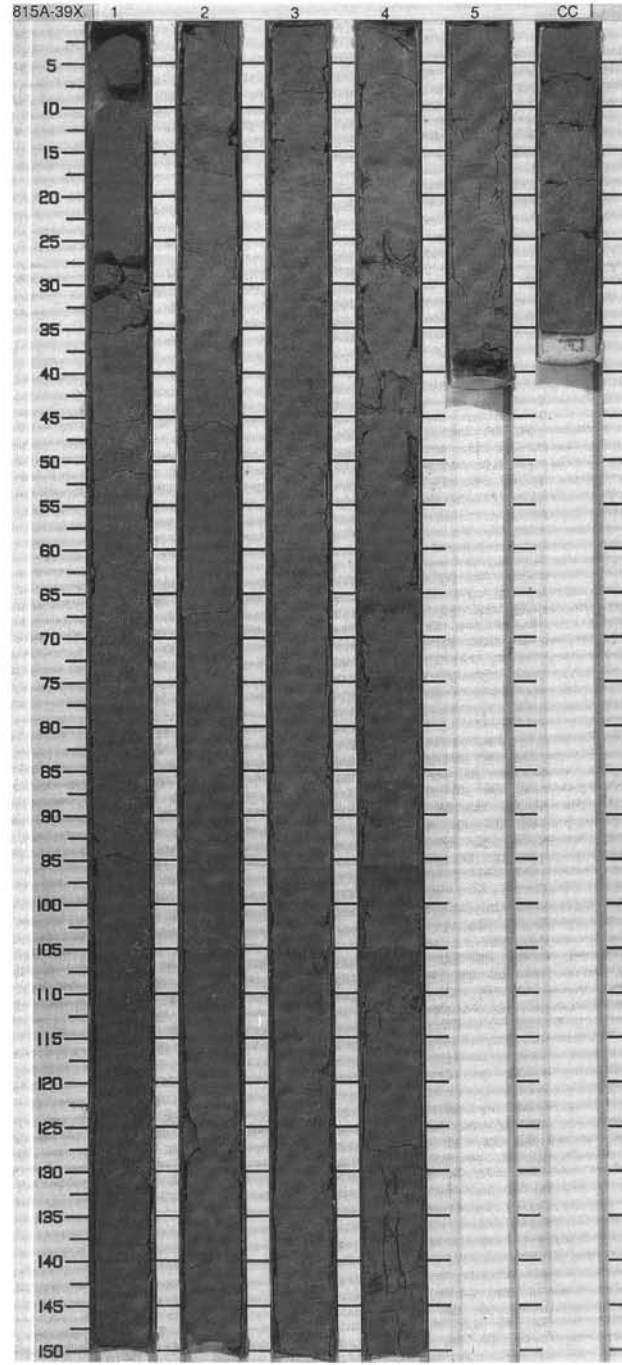


SITE 815 HOLE A CORE 38X CORED INTERVAL 338.7-348.4 mbsf

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	DIAZONIS										
LOWER PLIOCENE														<p>FORAMINIFER NANNOFOSSIL CHALK</p> <p>Major lithology: Olive gray (5Y 5/1), highly bioturbated FORAMINIFER NANNOFOSSIL CHALK. Burrows are usually subhorizontal and show meniscate backfills (<i>Zoophycos</i>?). At top of Section 4 bioturbation patterns belong to <i>Zoophycos</i> ichnofacies type. Convolute bedding and ripple cross-lamination occur in Section 3 (100-120 cm).</p>
A/G	N18 - N19				● 52.4% 1.82	● 60.8%	1	0.5						
A/G	CN10				● 51.2% 1.90	● 70.2%	2	1.0						
							3							
							4							
							5							
							6							
							7							
							CC							

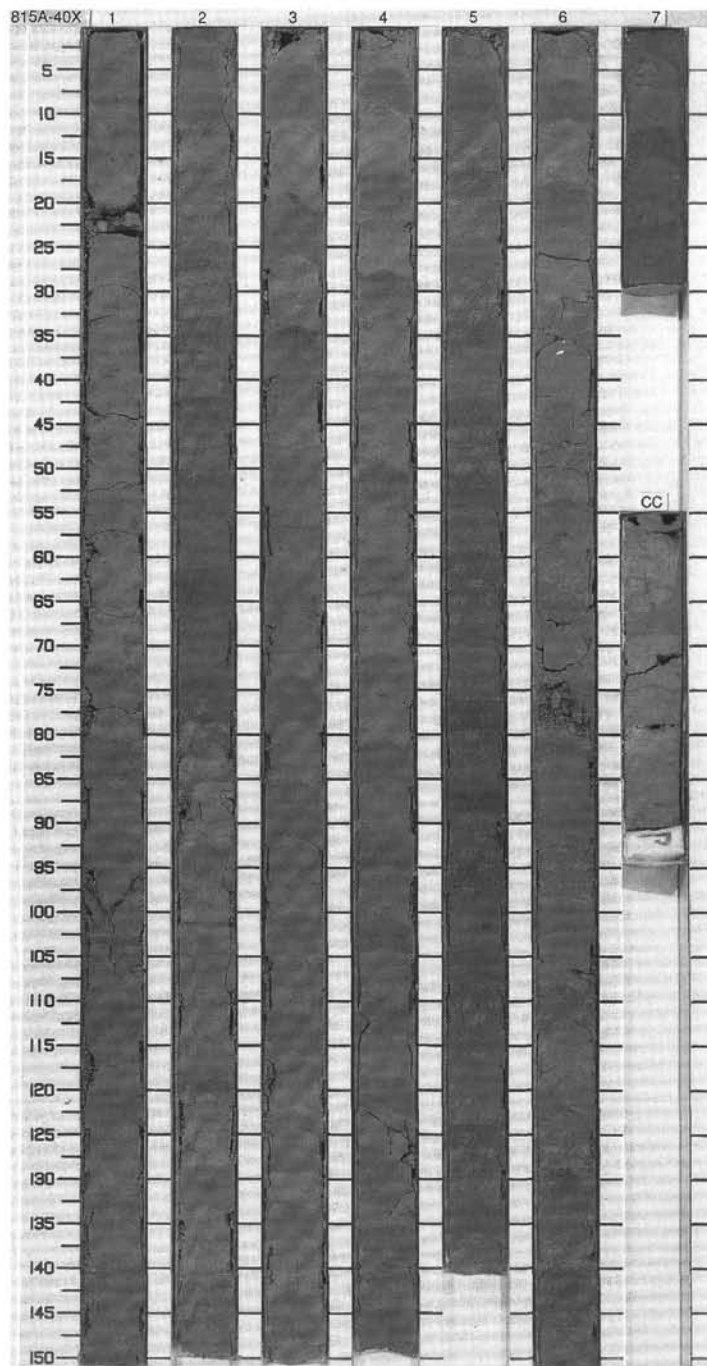


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
UPPER MIOCENE													
A/G	N18 - N19				68.8% ● 1.85			0.5					<p>FORAMINIFER NANNOFOSSIL CHALK</p> <p>Major lithology: Light olive (5Y 6/2), FORAMINIFER NANNOFOSSIL CHALK, which is heavily bioturbated (mainly <i>Chondrites</i> and <i>Zoophycos</i>). Burrows of the <i>Chondrites</i> ichnofacies type mainly occur from the middle part of Section 3 down to the upper part of Section 4.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <p style="text-align: right;">3, 75 D</p> <p>TEXTURE:</p> <p>Sand            25 Silt             25 Clay            50</p> <p>COMPOSITION:</p> <p>Clay            20 Discoaster     5 Foraminifera   25 Nannofossils   50 Quartz          Tr Volcanic ash   Tr</p>
A/G	CN9b						1.0						
	uncertain polarity				75.5% ● 1.84		2						
					71.7% ● 1.84		3						
							4						
							5						
							CC						



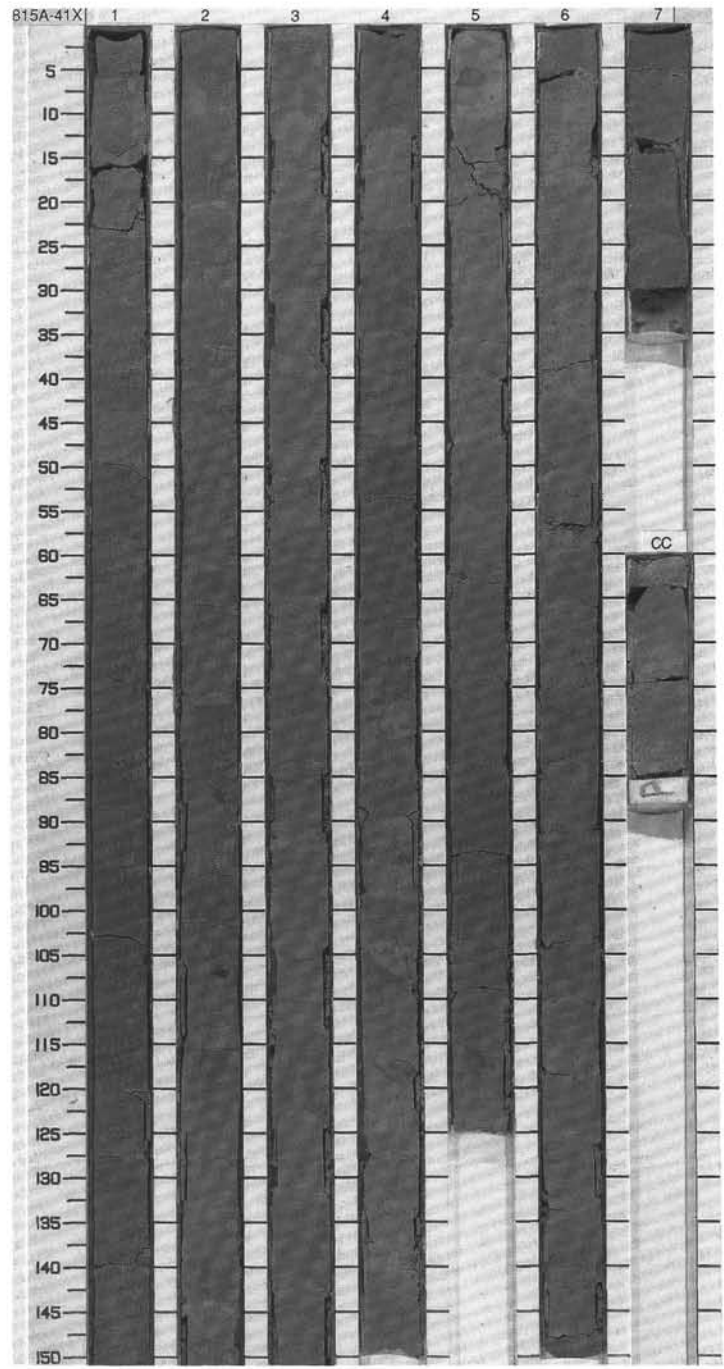
SITE 815 HOLE A CORE 40X CORED INTERVAL 358.1-367.8 mbsf

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																																		
	uncertain polarity																																				
UPPER MIOCENE																																					
A/G	N18 - N19			46.5% ● 1.91			0.5				<p>FORAMINIFER NANNOFOSSIL CHALK</p> <p>Major lithology: Gray (5Y 5/1) to olive gray (5Y 5/2), highly bioturbated FORAMINIFER NANNOFOSSIL CHALK. Minor amounts of lithoclasts occur. Burrowing is mainly due to <i>Chondrites</i> and <i>Zoophycos</i> and <i>Planolites</i>. In Section 2 (60 cm) considerable amounts of volcanic lithic fragments occur.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr> <td></td> <td>2, 60</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>20</td> </tr> <tr> <td>Clay</td> <td>50</td> </tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr> <td>Clay</td> <td>25</td> </tr> <tr> <td>Discoaster</td> <td>5</td> </tr> <tr> <td>Feldspar</td> <td>Tr</td> </tr> <tr> <td>Foraminifers</td> <td>30</td> </tr> <tr> <td>Nannofossils</td> <td>40</td> </tr> <tr> <td>Opaques</td> <td>Tr</td> </tr> <tr> <td>Quartz</td> <td>Tr</td> </tr> <tr> <td>Volcanic ash</td> <td>Tr</td> </tr> </table>		2, 60	D		Sand	30	Silt	20	Clay	50	Clay	25	Discoaster	5	Feldspar	Tr	Foraminifers	30	Nannofossils	40	Opaques	Tr	Quartz	Tr	Volcanic ash	Tr
	2, 60																																				
D																																					
Sand	30																																				
Silt	20																																				
Clay	50																																				
Clay	25																																				
Discoaster	5																																				
Feldspar	Tr																																				
Foraminifers	30																																				
Nannofossils	40																																				
Opaques	Tr																																				
Quartz	Tr																																				
Volcanic ash	Tr																																				
A/G	CN9b			69.0% ● 1.91			1.0																														
				61.1% ● 1.98			2																														
				71.3% ● 1.98			3																														
							4																														
							5																														
							6																														
							7																														
							CC																														



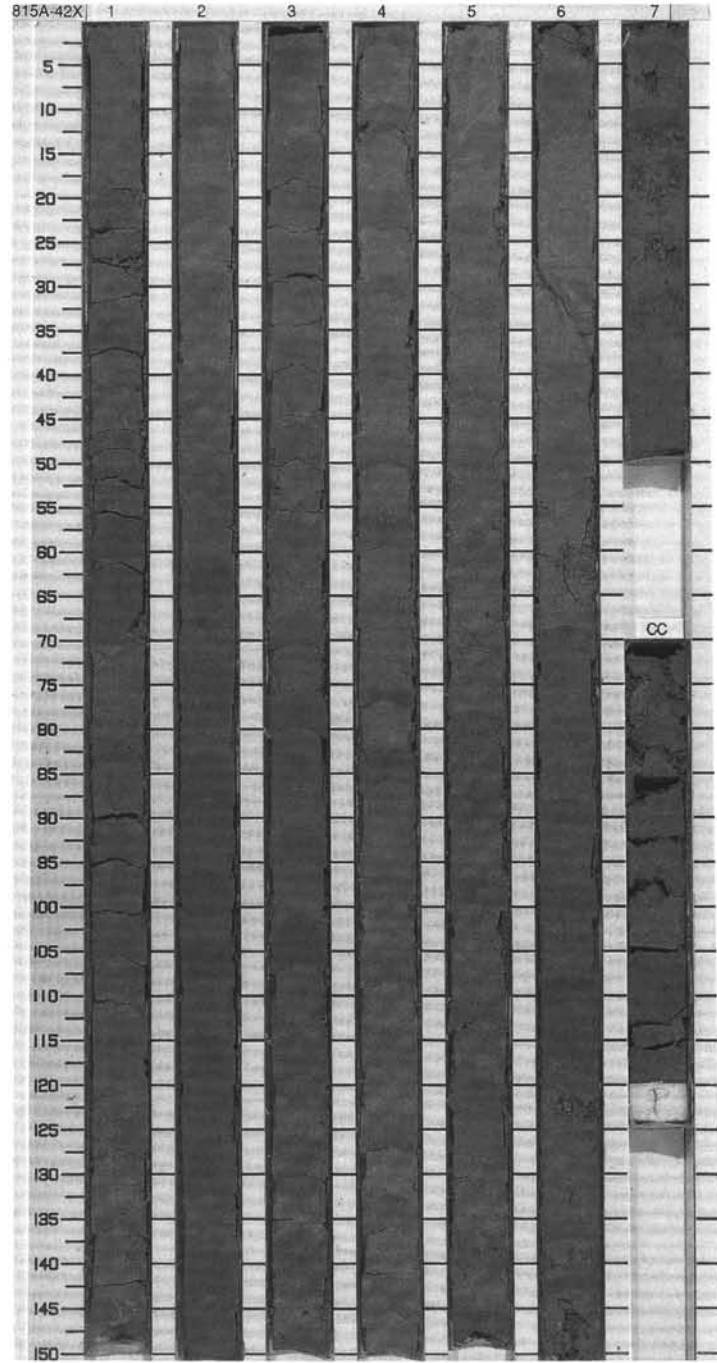


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION			
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAZONIS													
UPPER MIOCENE	N16 - N17				uncertain polarity	● 46.7% ● 2.00%	64.3%	1	0.5	[Lithology pattern]				FORAMINIFER NANNOFOSSIL CHALK Major lithology: Olive gray (5Y 5/2), highly bioturbated FORAMINIFER NANNOFOSSIL CHALK to the point of being nearly homogeneous. Few distinct burrows are filled with foraminifer sand or light colored mud. Bioturbation belongs mainly to <i>Planolites</i> and <i>Chondrites</i> ichnofacies. SMEAR SLIDE SUMMARY (%): 2, 90 D  TEXTURE: Sand                                30 Silt                                  20 Clay                                50  * COMPOSITION: Clay                               25 Discoaster                      5 Feldspar                        Tr Foraminifers                   28 Mica                              Tr Nannofossils                  39 Opaques                       Tr Quartz                          Tr Volcanic ash                   Tr			
A/G	CN9D							● 49.4% ● 1.80%	75.3%	2	1.0	[Lithology pattern]					
A/G							3			[Lithology pattern]							
OG																	
CC																	
							4			[Lithology pattern]							
							5			[Lithology pattern]							
							6			[Lithology pattern]							
							7			[Lithology pattern]							



SITE 815 HOLE A CORE 42X CORED INTERVAL 377.4-387.1 mbsf

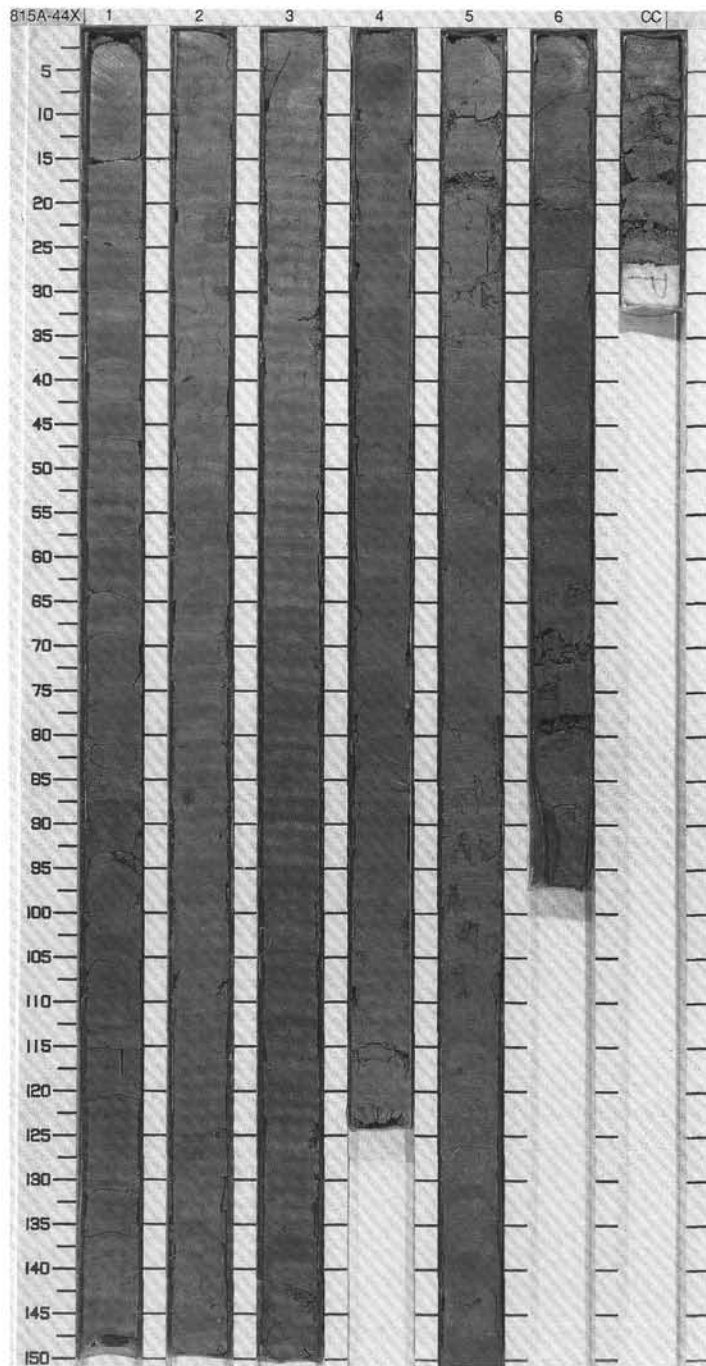
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
FORAMINIFERS	NANNOFOSSILS	RADIODIARIANS	DIATOMS										
UPPER MIOCENE													
A/M	N16 - N17												
A/M	CN9b												
		uncertain polarity											
		● 15.1% ● 15.4% ● 16.8%											
		● 69.9% ● 70.4%											
		● 66.7%											
		● 69.1%											
		CC											





SITE 815 HOLE A CORE 44X CORED INTERVAL 396.4-406.0 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										
UPPER MIOCENE													
C/P	N16 - N17				● 45.7% ● 1.93		1	0.5 1.0					CLAYEY FORAMINIFER NANNOFOSSIL CHALK  Major lithology: Olive gray (5Y 5/2) CLAYEY FORAMINIFER NANNOFOSSIL CHALK highly bioturbated. Small pyrite concretions are locally found.  Minor lithology: Light gray (5Y 6/1), well-sorted FORAMINIFER GRAINSTONE.
A/G	CN9b				● 60.6%		2						
						uncertain polarity	3						
					● 44.5% ● 1.87		4						
					● 76.9%		5						
					65.6%		6						
							CC						



SITE 815 HOLE A CORE 45X CORED INTERVAL 406.0-415.7 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	CN9b		uncertain polarity	● 56.4%	● 63.2%	1	0.5				NANNOFOSSIL CHALK with FORAMINIFERS * Major lithology: Highly bioturbated NANNOFOSSIL CHALK with FORAMINIFERS ranging in color from dark gray (5Y 4/1) to olive gray (5Y 4/2) and olive (5Y 4/3). Bioturbation features reach from indistinct mottling to well defined burrows of various sizes (2-20 mm). Burrows are filled either with chalk having lighter or darker colors than the host sediment, or with packstones consisting mainly of blackened foraminifers. * SMEAR SLIDE SUMMARY (%): 1, 34    1, 124 D        D  COMPOSITION: Bioclast                           15     10 Foraminifers                   15     15 Nannofossils                   65     70 Quartz                             5      5 Spicules                         Tr     ---
C/P	A/M			● 1.83		2	1.0					
							CC					

SITE 815 HOLE A CORE 46X CORED INTERVAL 415.7-425.3 mbsf

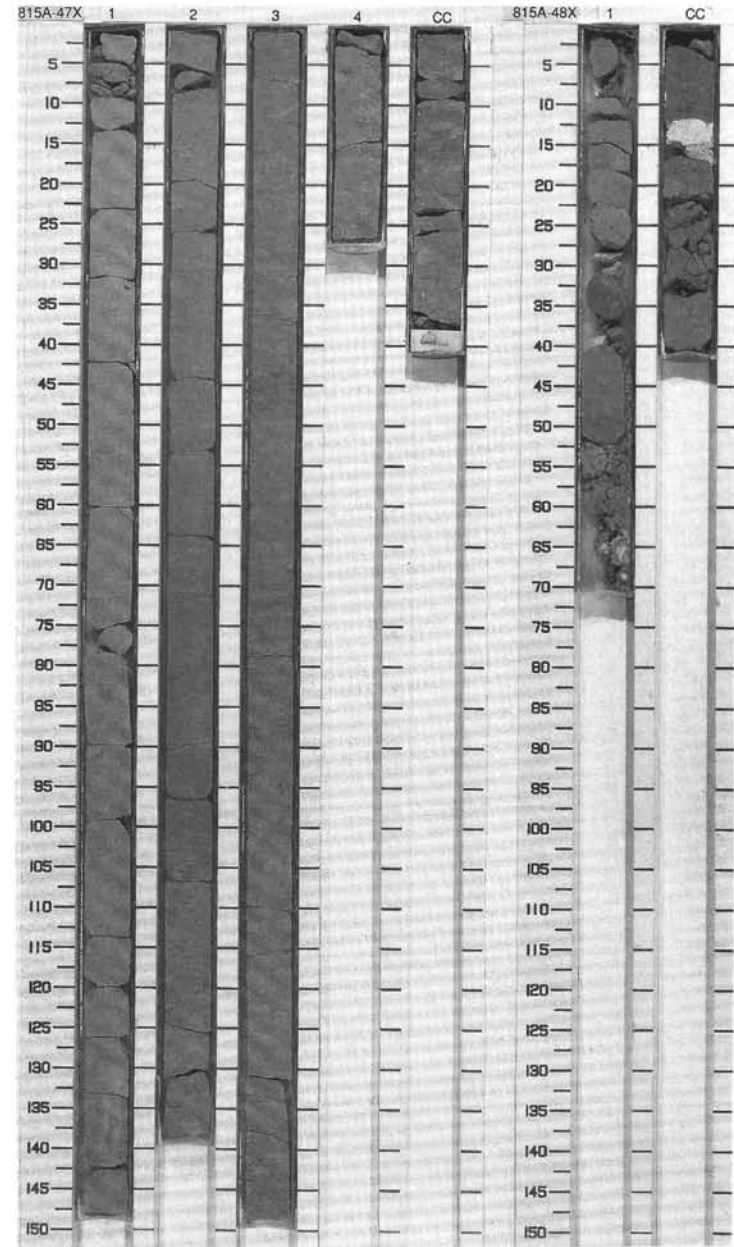
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS DIATOMS									
UPPER MIOCENE	N16-N17	?		uncertain polarity	● 91.2%		1	0.5				DOLOMOTIZED FORAMINIFER PACKSTONE. * Major lithology: White (5Y 8/1) partially DOLOMOTIZED FORAMINIFER PACKSTONE. * SMEAR SLIDE SUMMARY (%): 1, 17 D  COMPOSITION: Dolomite                         70 Foraminifers                   30 Quartz                            Tr
C/P	R/P					CC	1.0					




TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
UPPER MIOCENE		FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
		C/P	N16 - N17 CN9a												DOLOMITIZED FORAMINIFER PACKSTONE  Major lithology: Light gray (5Y 6/1 to 7/1), bioturbated DOLOMITIZED FORAMINIFER PACKSTONE. Additional bioclastic components include BRYOZOA and CORALLINE ALGAE.
		C/P						1	0.5						
								2	1.0						
								3							
								4							
								CC							

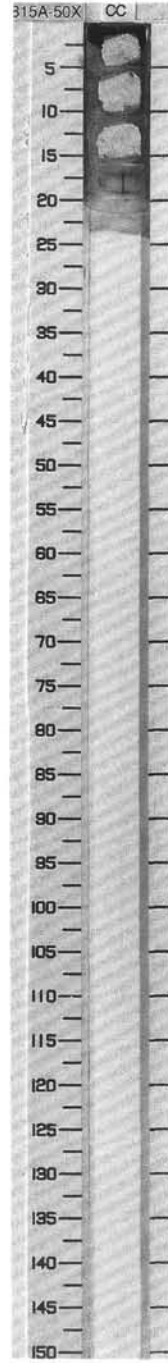
TIME-ROCK UNIT		BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
UPPER MIOCENE		FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
		B	CN9a												DOLOMITIZED FORAMINIFER CHALK with CLAY  Major lithology: Light gray (5Y 7/2) DOLOMITIZED FORAMINIFER CHALK with CLAY. Rhodolith (3 cm diameter) occurs at 35 cm.  Minor Lithology: Partially lithified, light grey (5Y 7/2), BIOCLASTIC FLOATSTONE possibly reworked from interval below by drilling.
		C/P						1	0.5						
								CC	1.0						

815A 49X NO RECOVERY



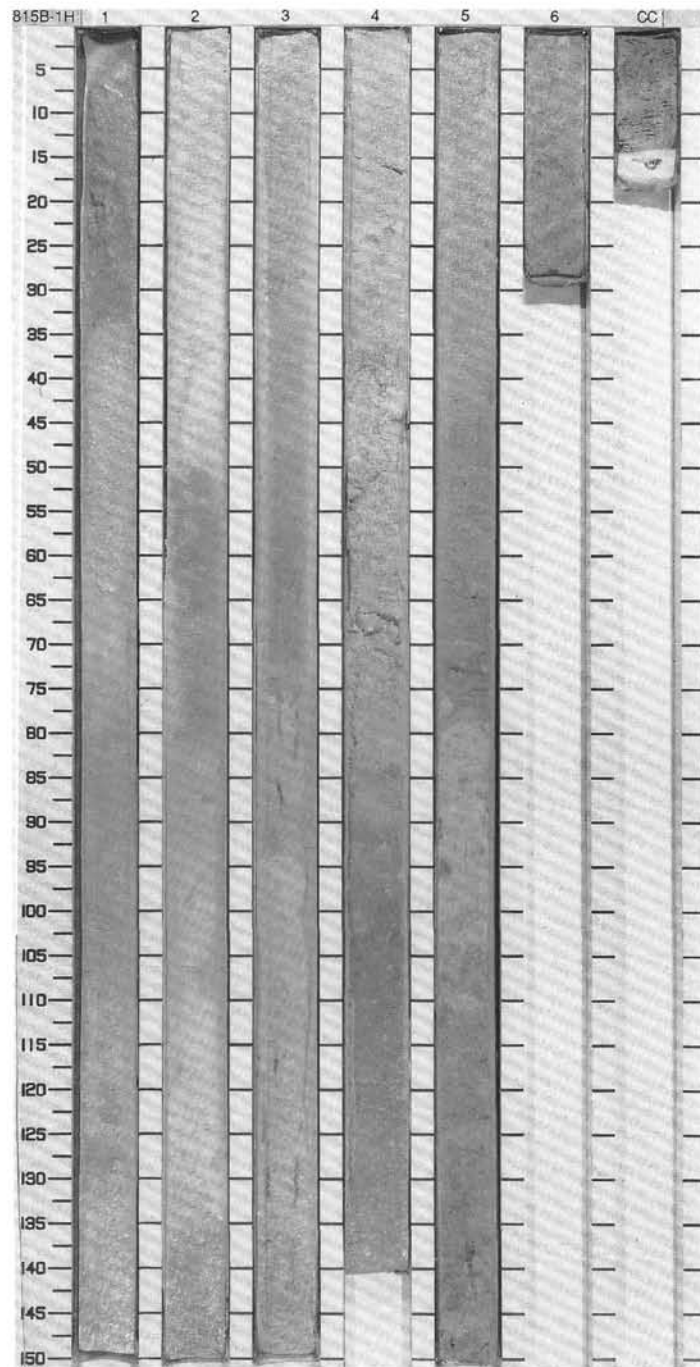
SITE 815 HOLE A CORE 50X CORED INTERVAL 454.2-463.8 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	MAMMOFOSSILS	RADIOLARIANS									
LOWER/MIDDLE MIOCENE	R/P	R/P					CC					DOLOMITIZED FORAMINIFER RUDSTONE  Major lithology: Three pieces of white (10YR 8/0), cemented rock containing numerous LARGER FORAMINIFERS. Two Pieces (1 and 3) are FORAMINIFER RUDSTONE; Piece 2 is FORAMINIFER FLOATSTONE. Interstices between FORAMINIFERS are filled with DOLOMITIZED BIOCLASTIC grains.



SITE 815 HOLE B CORE 1H CORED INTERVAL 0.0-7.9 mbsf

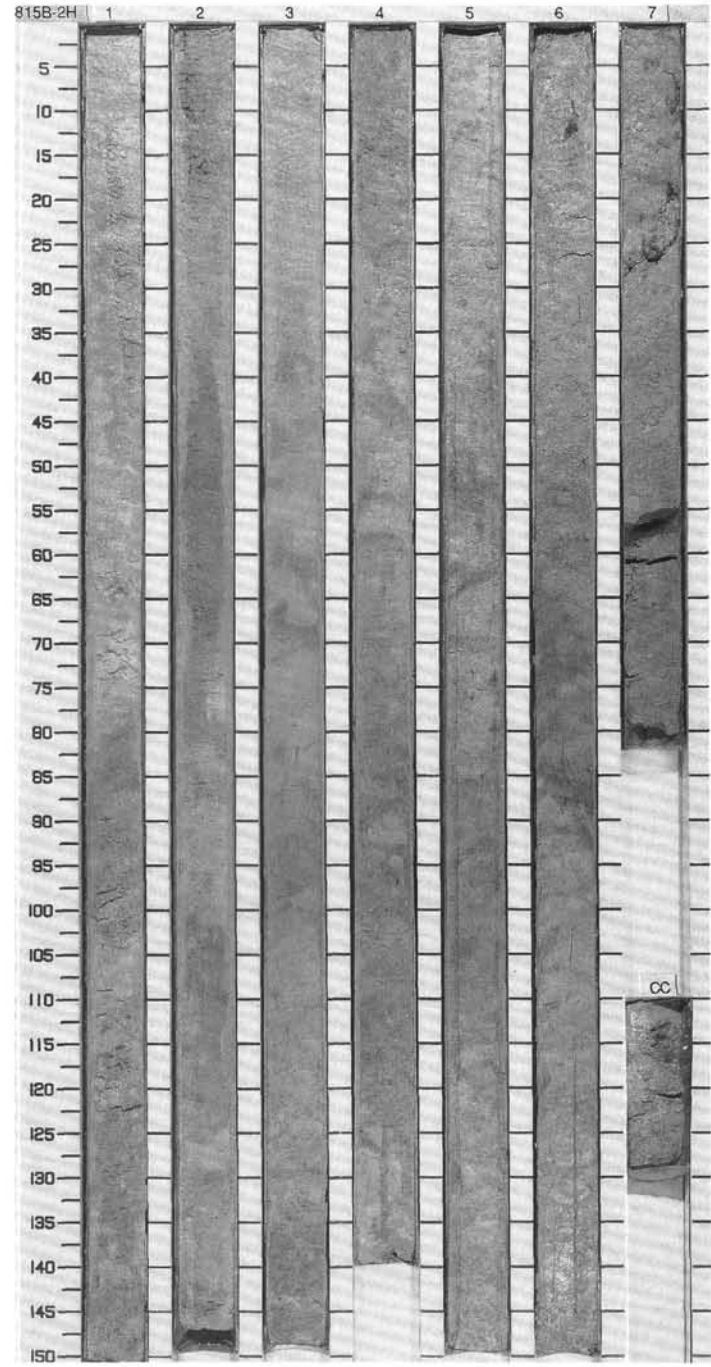
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAATOMS										
					N			1	0.5					<p>NANNOFOSSIL FORAMINIFER OOZE</p> <p>Major lithology: White (10YR 8/2 to 10YR 8/3) NANNOFOSSIL FORAMINIFER OOZE.</p> <p>Minor lithology: White (10YR 8/1) FORAMINIFER OOZE. In upper part (Section 1; 0-35 cm), very pale brown (10YR 7/3) FORAMINIFER OOZE contains PTEROPODS. In middle part (Section 2 and Section 3), CALCAREOUS (FORAMINIFER/MICRITE) OOZE contains ARAGONITE NEEDLES.</p>
					N		2	1.0						
					N		3							
					N		4							
					N		5							
					N		6							
							CC							





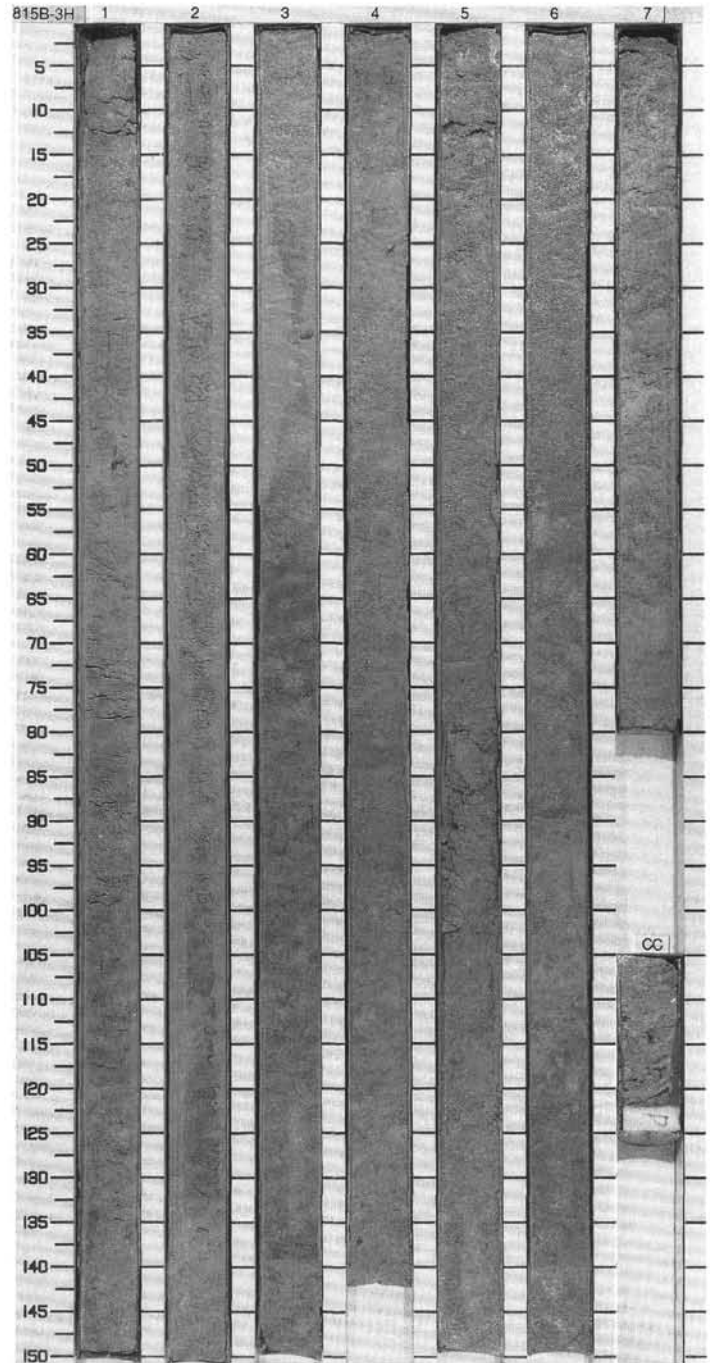
SITE 815 HOLE B CORE 2H CORED INTERVAL 7.9-17.4 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				CHEMISTRY	SECTION METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIAATOMS					
					N	0.5 1.0			<p>NANNOFOSSIL FORAMINIFER OOZE</p> <p>Major lithology: White (5Y 7/1), bioturbated, mottled (light gray: 2.5Y 6/2), NANNOFOSSIL FORAMINIFER OOZE with BIOCLASTS.</p>
					N	2			
					N	3			
					N	4			
					N	5		PP	
					R	6			
					N	7			
						CC			



SITE 815 HOLE B CORE 3H CORED INTERVAL 17.4 - 26.9 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										
					(N)				0.5	+				<p>BIOCLASTIC FORAMINIFER NANNOFOSSIL OOZE with CLAY</p> <p>Major lithology: Light gray (5Y 7/1) to gray (5Y 6/1), bioturbated BIOCLASTIC FORAMINIFER NANNOFOSSIL OOZE with CLAY and BIOCLASTS.</p> <p>Minor lithology: Light greenish gray (5Y 7/1) to gray (5Y 6/1), mottled, NANNOFOSSIL FORAMINIFER OOZE with BIOCLASTS.</p>
					R			1.0	+					
					R			2	+					
					R			3	+					
					N			4	+					
					N			5	+					
					N			6	+					
					N			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										
				R			1	0.5	+				FORAMINIFER NANNOFOSSIL OOZE with CLAY  Major lithology: White (5Y 7/1) with light brownish green (2.5Y 6/2) mottled, bioturbated FORAMINIFER NANNOFOSSIL OOZE with CLAY and BIOCLASTS.
				?			1	1.0	+				
				R			2		+				
				?			3		+				
				R			4		+				
				R			5		+				
				N			6		+				
				N			7		+				
							CC						

