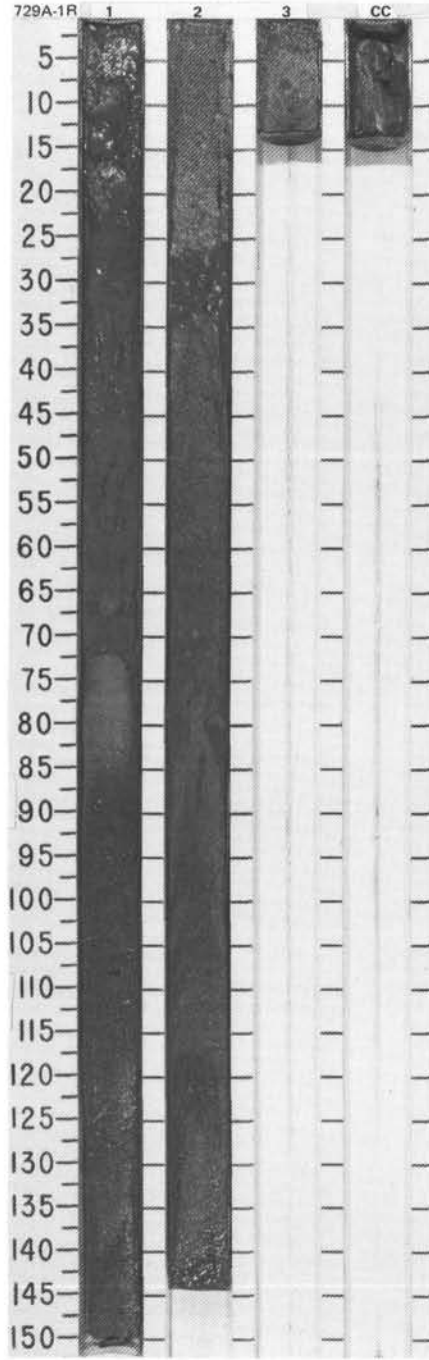
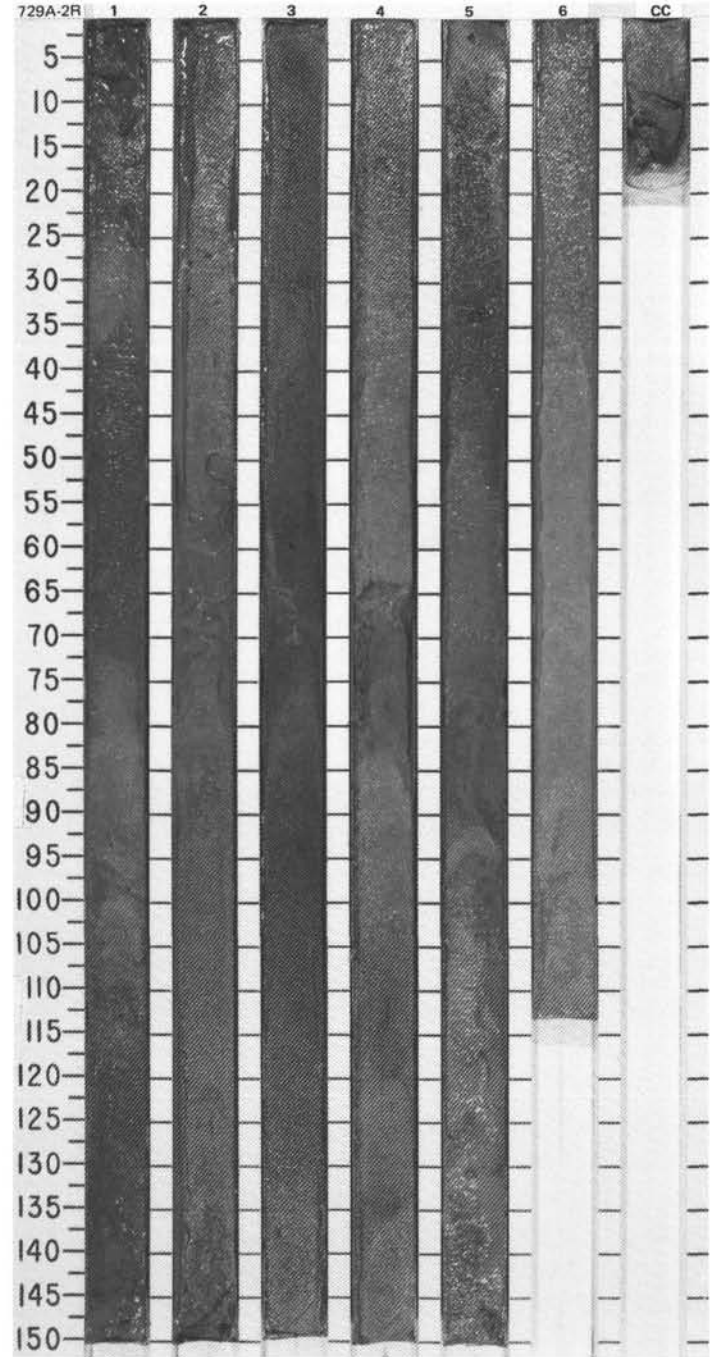


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS	PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																	
PLEISTOCENE to HOLOCENE		*A/G	*A/G NN21 <i>Emiliania huxleyi</i>						1 2	0.5 1.0					<p>MARLY FORAMINIFER-NANNOFOSSIL OOZE</p> <p>Section 1, 0-75 cm, and Section 2, 25-35 cm, are soupy; remainder is very disturbed.</p> <p>Major lithology: MARLY FORAMINIFER-NANNOFOSSIL OOZE, olive (5Y 5/3, 4/3). Shell fragments common.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="0"> <tr> <td></td> <td>1,5</td> <td>2,100</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="0"> <tr> <td>Sand</td> <td>30</td> <td>10</td> </tr> <tr> <td>Silt</td> <td>40</td> <td>20</td> </tr> <tr> <td>Clay</td> <td>30</td> <td>70</td> </tr> </table> <p>COMPOSITION:</p> <table border="0"> <tr> <td>Access. Minerals</td> <td>1</td> <td>2</td> </tr> <tr> <td>Clay</td> <td>30</td> <td>30</td> </tr> <tr> <td>Foraminifers</td> <td>40</td> <td>35</td> </tr> <tr> <td>Inorganic Calcite</td> <td>5</td> <td>5</td> </tr> <tr> <td>Nannofossils</td> <td>24</td> <td>25</td> </tr> <tr> <td>Quartz</td> <td>-</td> <td>3</td> </tr> </table> <p>IW</p>		1,5	2,100	D	D	D	Sand	30	10	Silt	40	20	Clay	30	70	Access. Minerals	1	2	Clay	30	30	Foraminifers	40	35	Inorganic Calcite	5	5	Nannofossils	24	25	Quartz	-	3
	1,5	2,100																																														
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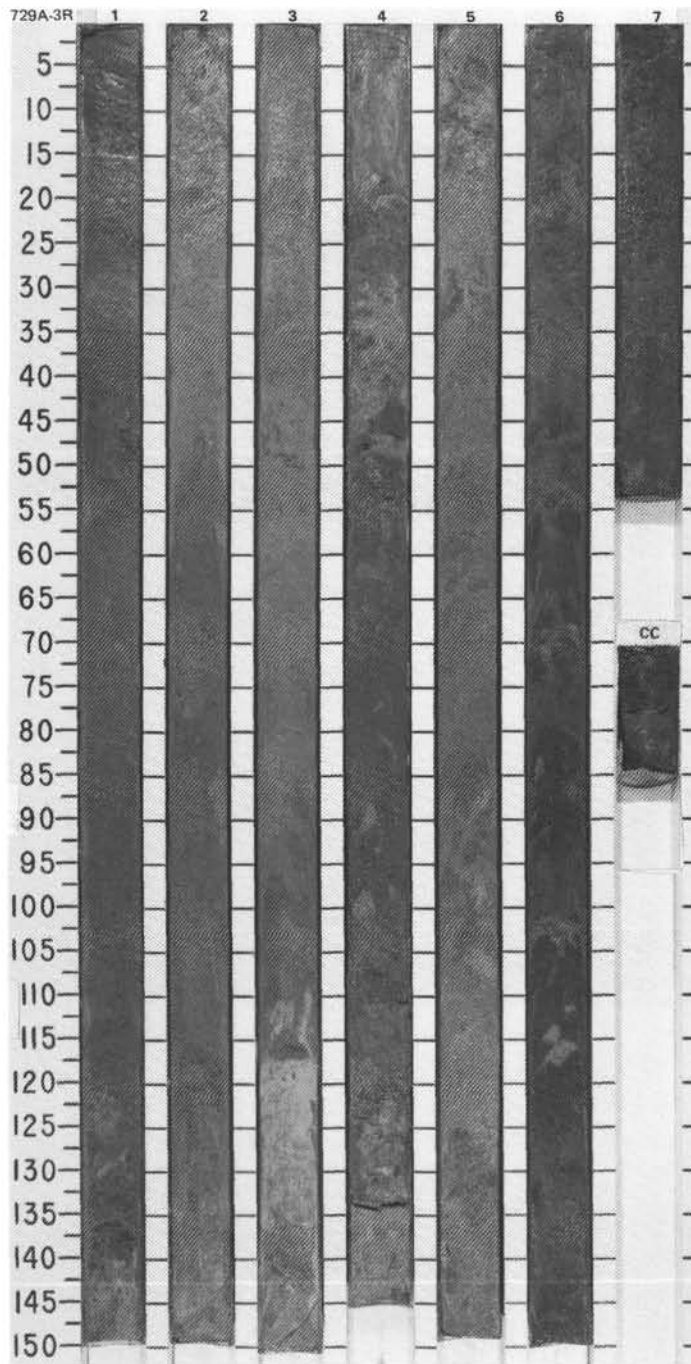


SITE 729 HOLE A CORE 2R CORED INTERVAL 1402.0-1411.5 mbsl; 3.2-12.7 mbsf

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	DIAZONS																																																				
PLEISTOCENE	*A/G	N23							0.5	+				<p>MARLY FORAMINIFER-NANNOFOSSIL OOZE</p> <p>Section 1, 0-150 cm, and Section 2, 55-70 cm, are soupy; remainder is very disturbed.</p> <p>Major lithology: MARLY FORAMINIFER-NANNOFOSSIL OOZE, olive gray (5Y 5/2), olive (5Y 4/3), and dark olive gray (5Y 3/2). Contacts gradational. Shell fragments common.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>1, 100</td> <td>3, 60</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>5</td> <td>—</td> </tr> <tr> <td>Silt</td> <td>35</td> <td>35</td> </tr> <tr> <td>Clay</td> <td>60</td> <td>65</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Clay</td> <td>25</td> <td>45</td> </tr> <tr> <td>Dolomite</td> <td>—</td> <td>1</td> </tr> <tr> <td>Feldspar</td> <td>—</td> <td>1</td> </tr> <tr> <td>Foraminifers</td> <td>30</td> <td>7</td> </tr> <tr> <td>Inorganic Calcite</td> <td>10</td> <td>17</td> </tr> <tr> <td>Mica</td> <td>—</td> <td>1</td> </tr> <tr> <td>Nannofossils</td> <td>30</td> <td>20</td> </tr> <tr> <td>Organic Matter</td> <td>—</td> <td>5</td> </tr> <tr> <td>Quartz</td> <td>5</td> <td>3</td> </tr> </table>		1, 100	3, 60	D	D	D	Sand	5	—	Silt	35	35	Clay	60	65	Clay	25	45	Dolomite	—	1	Feldspar	—	1	Foraminifers	30	7	Inorganic Calcite	10	17	Mica	—	1	Nannofossils	30	20	Organic Matter	—	5	Quartz	5	3
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Mica	—	1																																																						
Nannofossils	30	20																																																						
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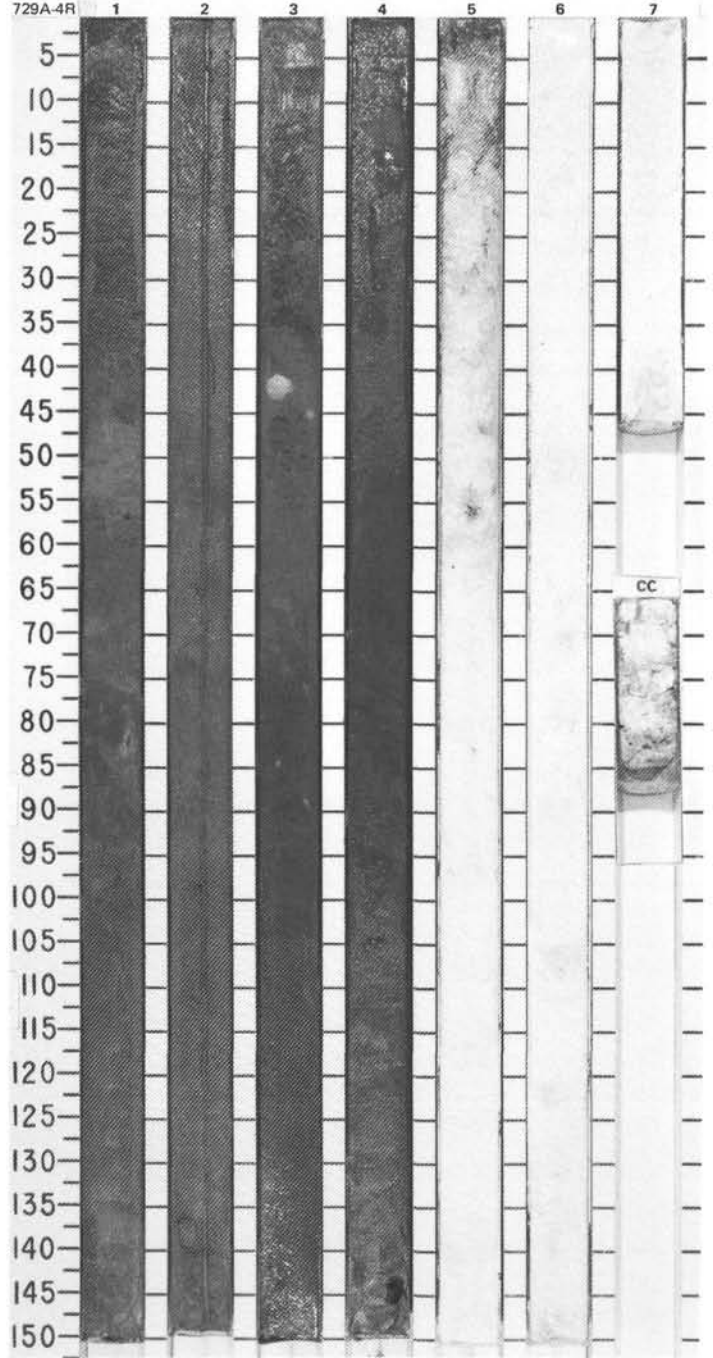


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION																																	
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS																																											
PLEISTOCENE																																														
*A/G	N23				● 50.1 ● 71	● C-8.25 ● OC-0.67		0.5 1					<p>MARLY FORAMINIFER-NANNOFOSSIL OOZE</p> <p>Entire core is very disturbed.</p> <p>Major lithology: MARLY FORAMINIFER-NANNOFOSSIL OOZE, olive gray (5Y 5/2), olive (5Y 5/3, 4/3), and dark olive gray (5Y 3/2). Minor mottling common. Contacts gradational and mottled. Shell fragments present.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table border="1"> <tr> <td></td> <td>3, 119</td> <td>4, 72</td> </tr> <tr> <td>D</td> <td></td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table border="1"> <tr> <td>Sand</td> <td>5</td> <td>5</td> </tr> <tr> <td>Silt</td> <td>15</td> <td>40</td> </tr> <tr> <td>Clay</td> <td>80</td> <td>55</td> </tr> </table> <p>COMPOSITION:</p> <table border="1"> <tr> <td>Clay</td> <td>15</td> <td>25</td> </tr> <tr> <td>Dolomite</td> <td>-</td> <td>Tr</td> </tr> <tr> <td>Foraminifers</td> <td>10</td> <td>10</td> </tr> <tr> <td>Inorganic Calcite</td> <td>10</td> <td>13</td> </tr> <tr> <td>Nannofossils</td> <td>60</td> <td>40</td> </tr> <tr> <td>Quartz</td> <td>5</td> <td>12</td> </tr> </table>		3, 119	4, 72	D		D	Sand	5	5	Silt	15	40	Clay	80	55	Clay	15	25	Dolomite	-	Tr	Foraminifers	10	10	Inorganic Calcite	10	13	Nannofossils	60	40	Quartz	5	12
	3, 119	4, 72																																												
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Nannofossils	60	40																																												
Quartz	5	12																																												
*A/M	NN19 <i>Pseudoemiliania lacunosa</i>				● 61.1 ● 71.70	● C-8.60 ● OC-0.83		1 2																																						
*Barren	(NN20 <i>Gephyrocapsa oceanica</i>)							3																																						
								4																																						
								5																																						
					● 56.2 ● 71.77	● C-7.37 ● OC-1.67		6																																						
								7																																						
								CC																																						



SITE 729 HOLE A CORE 4R CORED INTERVAL 1421.1-1425 mbsl; 22.3-26.3 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																																																										
	Pleistocene																																																													
	*A/M -P #A/P																																																													
*Barr en	NN19	<i>Pseudoemiliania lacunosa</i>			● 0-51.1 ● 1.73	● IC-7.74 ● DC-1.34		0.5 1.0						<p>MARLY FORAMINIFER-NANNOFOSSIL OOZE and BENTHIC FORAMINIFER LIMESTONE</p> <p>Entire core is very disturbed. Limestone is broken up by drilling, causing core to be several meters longer than core barrel was advanced.</p> <p>Major lithologies: a. MARLY FORAMINIFER-NANNOFOSSIL OOZE, olive gray (5Y 5/2), olive (5Y 5/3, 4/3), and dark olive gray (5Y 3/2). Minor mottling common. Black (5Y 2.5/1) phosphate nodule at Section 4, 145 cm. b. BENTHIC FORAMINIFER LIMESTONE, white (5Y 8/1). Friable.</p> <p>SMEAR SLIDE SUMMARY (%):</p> <table style="margin-left: 40px;"> <tr> <td></td> <td>3, 100</td> <td>5, 100</td> </tr> <tr> <td>D</td> <td>D</td> <td>D</td> </tr> </table> <p>TEXTURE:</p> <table style="margin-left: 40px;"> <tr> <td>Sand</td> <td>10</td> <td>20</td> </tr> <tr> <td>Silt</td> <td>35</td> <td>40</td> </tr> <tr> <td>Clay</td> <td>55</td> <td>40</td> </tr> </table> <p>COMPOSITION:</p> <table style="margin-left: 40px;"> <tr> <td>Access. Minerals</td> <td>3</td> <td>—</td> </tr> <tr> <td>Bioclast</td> <td>2</td> <td>—</td> </tr> <tr> <td>Clay</td> <td>14</td> <td>—</td> </tr> <tr> <td>Dolomite</td> <td>Tr</td> <td>—</td> </tr> <tr> <td>Feldspar</td> <td>1</td> <td>—</td> </tr> <tr> <td>Foraminifers</td> <td>20</td> <td>30</td> </tr> <tr> <td>Inorganic Calcite</td> <td>15</td> <td>—</td> </tr> <tr> <td>Mica</td> <td>Tr</td> <td>—</td> </tr> <tr> <td>Micrite</td> <td>—</td> <td>70</td> </tr> <tr> <td>Nannofossils</td> <td>40</td> <td>—</td> </tr> <tr> <td>Quartz</td> <td>5</td> <td>—</td> </tr> </table>		3, 100	5, 100	D	D	D	Sand	10	20	Silt	35	40	Clay	55	40	Access. Minerals	3	—	Bioclast	2	—	Clay	14	—	Dolomite	Tr	—	Feldspar	1	—	Foraminifers	20	30	Inorganic Calcite	15	—	Mica	Tr	—	Micrite	—	70	Nannofossils	40	—	Quartz	5	—
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CORE 117-729A-5R NO RECOVERY

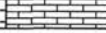
CORE 117-729A-6R NO RECOVERY

CORE 117-729A-7R NO RECOVERY

CORE 117-729A-8R NO RECOVERY

CORE 117-729A-9R NO RECOVERY

SITE 729 HOLE A CORE 10R CORED INTERVAL 1469.1-1478.8 mbsf; 70.3-80.0 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSBILS	RADIOLARIANS	DIATOMS										
?	Barren *	Barren *	Barren *					CC			t	6		ONCOLITIC LIMESTONE and RED ALGAL LIMESTONE Entire core is very disturbed. Major lithology: ONCOLITIC LIMESTONE and RED ALGAL LIMESTONE, white (SY 8/1).

CORE 117-729A-11R NO RECOVERY

CORE 117-729A-12R NO RECOVERY

CORE 117-729A-13R NO RECOVERY

