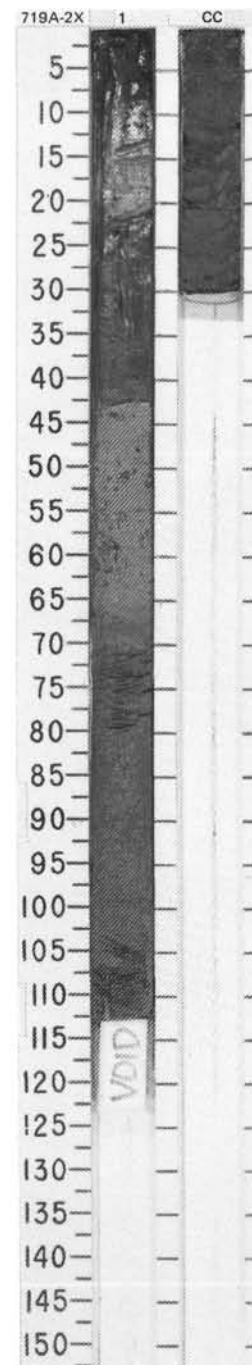
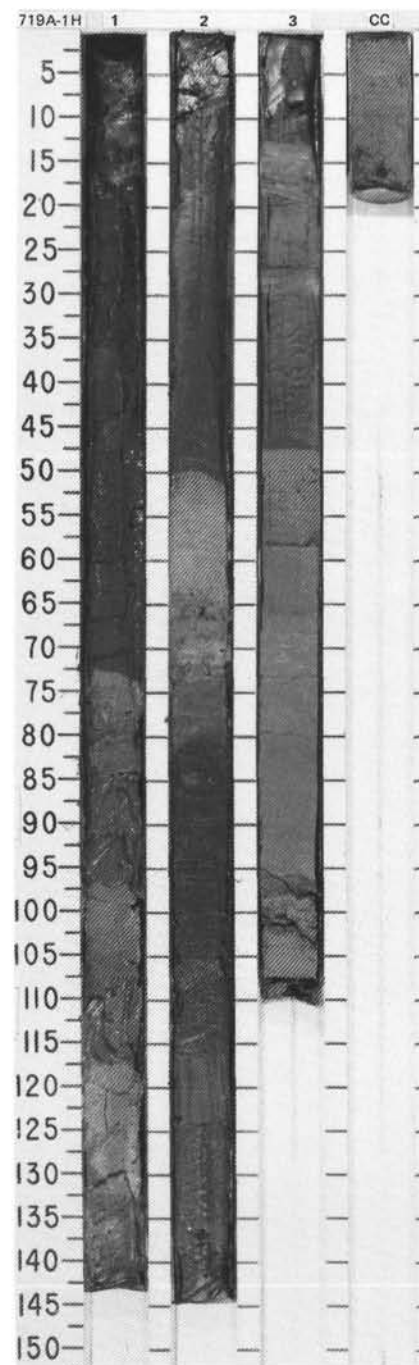


SITE 719 HOLE A CORE 1H CORED INTERVAL 4736.2-4740.4 mbsl; 0.0-4.2 mbsf

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	DIAZONES											
Barren	A/M N23	Barren	A/P CN15	Barren											CLAY and CALCAREOUS OOZE
Barren			A/P CN15	Barren											Major lithologies: Very dark grayish brown (2.5Y 3/2) and olive gray (5Y 4/2, 5/2) clay and very dark gray (10Y 3/1) calcareous ooze with chemical fronts.
R/P			A/G B. <i>invaginata</i>	A/M R/P											Minor lithology: Gray (10Y 6/1) and dark gray (5Y 4/1) silty clay, upward-fining.
Barren			P	P											SMEAR SLIDE SUMMARY (%):
															1, 60 1, 75 2, 68 CC, 14
															D D D M M
															TEXTURE:
															Sand
															Silt
															Clay
															COMPOSITION:
															Access. minerals
															Calcite
															Clay
															Diatoms
															Feldspar
															Foraminifers
															Inorganic calcite
															Mica
															Nannofossils
															Plant debris
															Quartz

SITE 719 HOLE A CORE 2X CORED INTERVAL 4740.4-4749.9 mbsl; 4.2-13.7 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	DIAZONES									
Barren	Barren	Barren	Barren	Barren									CLAY, SILTY CLAY, and SILT Major lithologies: Section 1, 0-20 cm: very dark brown (10YR 2/2), dark brown (10YR 3/3), and olive gray (5Y 4/2) clay. Section 1, 20-42 cm: very dark gray (10YR 3/1) silty clay and clay, upward-fining; mud turbidite. Section 1, 42-72 cm: dark gray (5Y 4/1) and olive gray (5Y 4/2) silty clay with Mn chemical front. Section 1, 72-123 cm, and CC, dark gray (5Y 4/1) silt, graded. Silt-mud turbidites. SMEAR SLIDE SUMMARY (%): 1, 55 D TEXTURE: Silt 5 Clay 95 COMPOSITION: Calcite Tr Clay 90 Nannofossils 10
R/P CN14	R/P	R/P	R/P	R/P									
Barren	Barren	Barren	Barren	Barren									
Barren	Barren	Barren	Barren	Barren									



SITE 719

SITE 719 HOLE A CORE 3X CORED INTERVAL 4749.9-4759.4 mbsl; 13.7-23.2 mbsf

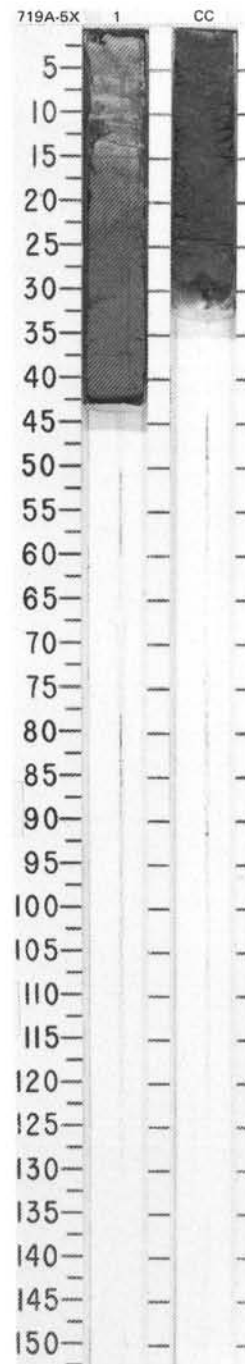
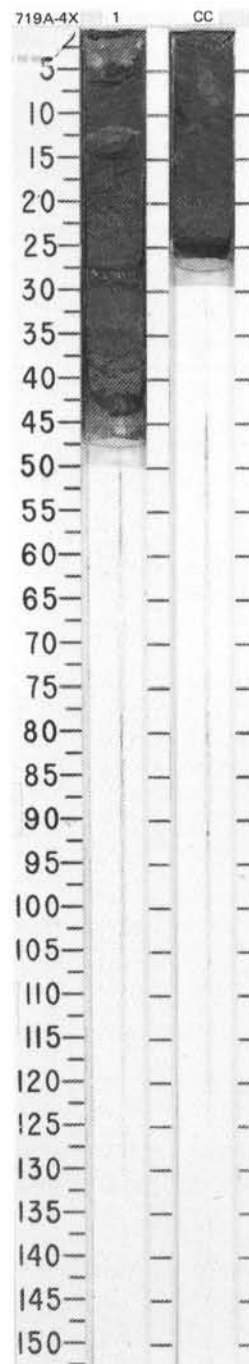
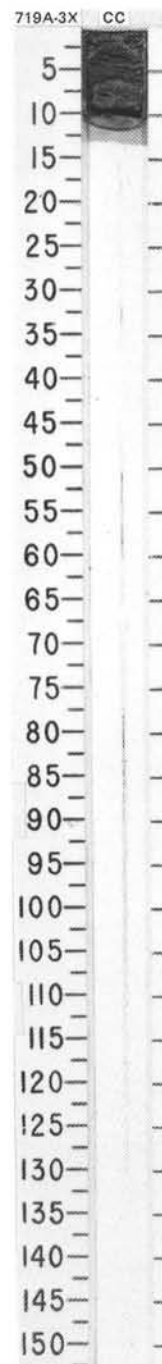
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS										
R/G	Barren	Barren	Barren	Barren				CC						SILT Major lithology: Dark gray (5Y 4/1) silt.

SITE 719 HOLE A CORE 4X CORED INTERVAL 4759.4-4768.9 mbsl; 23.2-32.7 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										
R/P	R/P CN14a	Barren	Barren					1	0.5					SILT Major lithology: Dark gray (5Y 4/1) silt layers, normally graded. One layer partly reverse graded with pyrite band (5 mm thick). Minor lithology: Dark gray (5Y 4/1) silty clay.

SITE 719 HOLE A CORE 5X CORED INTERVAL 4768.9-4778.4 mbsl; 32.7-42.2 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										
C/P	R/P CN14a	Barren	Barren		$\phi=57.02$ $\gamma=1.84$ $V=1.50$ ● 6.25 ● 6.91 ● CC	1					SILTY CLAY and SILT Major lithologies: Dark gray (5Y 4/1) silty clay, upward-fining. Chemical front at Section 1, 23 cm. Gray (5Y 5/1) silt, normally graded.			

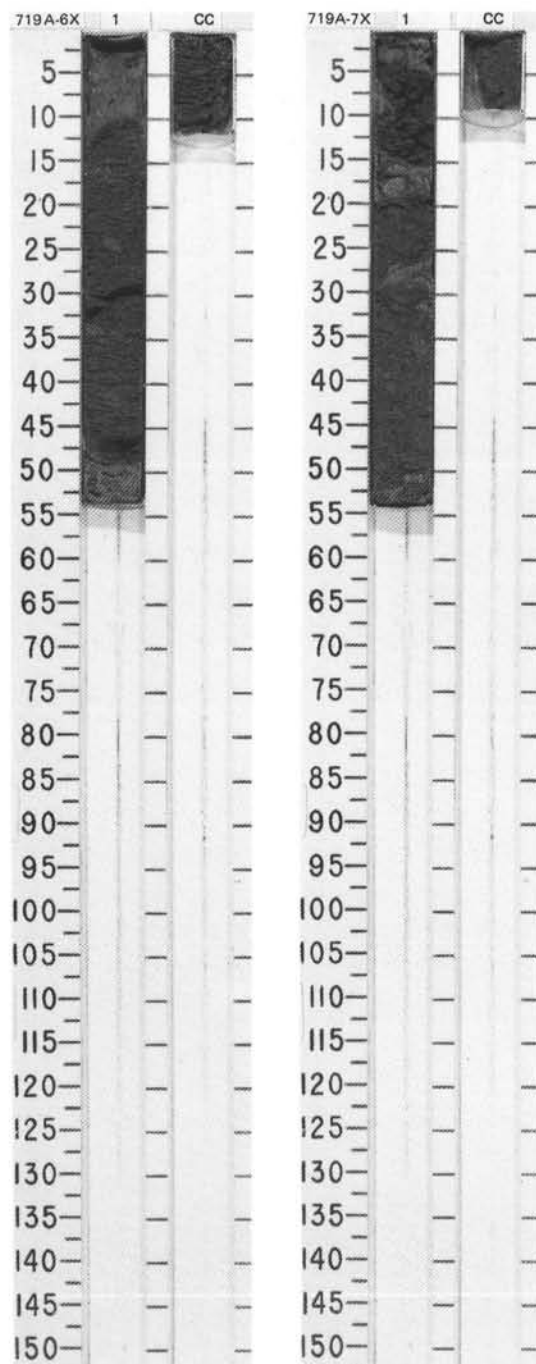


SITE 719

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADOLARIANS	DIATOMS										
	Barren	R/G	R/P CN14a	R/P				1						CLAYEY SILT AND SILTY CLAY
	Barren	Barren	Barren	Barren										Major lithologies: Dark gray (5GY 4/1) clayey silt and silty clay. 5-10% plant debris.
	Barren	Barren	Barren	Barren										SMEAR SLIDE SUMMARY (%):
	Barren	Barren	Barren	Barren										1, 22 1, 52 D D
														TEXTURE:
														Sand 5 —
														Silt 80 35
														Clay 15 65
														COMPOSITION:
														Access. minerals 5 10
														Bioclasts — 1
														Clay 6 40
														Feldspar 5 5
														Mica 3 15
														Plant debris 5 10
														Quartz 75 20

SITE 719 HOLE A CORE 7X CORED INTERVAL 4787.9-4797.4 mbsl; 51.7-61.2 mbsf

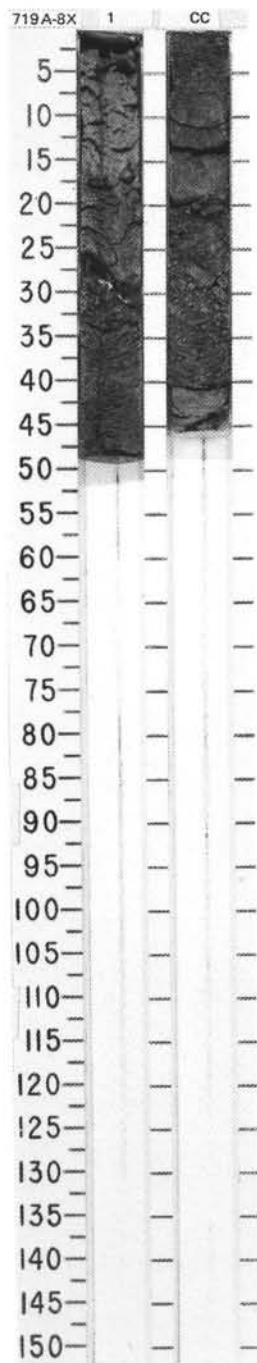
TIME - ROCK UNIT	BIOSTRAT. ZONE / FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
R/P	Barren	R/P CN14	Barren	Barren		ϕ -56.17 γ -1.93 4.65 7.00	1 0.5 0					CLAYEY SILT Drilling disturbance severe. Major lithology: Dark gray (5GY 4/1) micaceous clayey silt. Two clay laminae in Section 1. SMEAR SLIDE SUMMARY (%): 1, 46 0 TEXTURE: Sand 5 Silt 65 Clay 30 COMPOSITION: Access. minerals 10 Clay 30 Feldspar Tr Quartz 60	



SITE 719 HOLE A CORE 8X CORED INTERVAL 4797.4-4806.9 mbsl; 61.2-70.7 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOIARIANS	DIAZONIS								
Barren	C/P				φ=57.53 γ _w =1.79 ●							SILT, CLAYEY SILT, and CLAY
Barren	R/P CN14a											Major lithology: Dark gray (5GY 4/1) silt, fining up to clayey silt and massive clay.
Barren	Barren					CC						SMEAR SLIDE SUMMARY (%):
Barren	Barren											CC, 16 D
												TEXTURE:
												Sand 5 Silt 90 Clay 5
											COMPOSITION:	
											Access. minerals 20 Clay 5 Feldspar 5 Mica 5 Plant debris 5 Quartz 60	

SITE 719 HOLE A CORE 9X CORED INTERVAL 4806.9-4816.4 mbsl; 70.7-80.2 mbsf

[illegible]

SITE 719 HOLE A CORE 10X CORED INTERVAL 4816.4-4825.9 mbsl; 80.2-89.7 mbsf

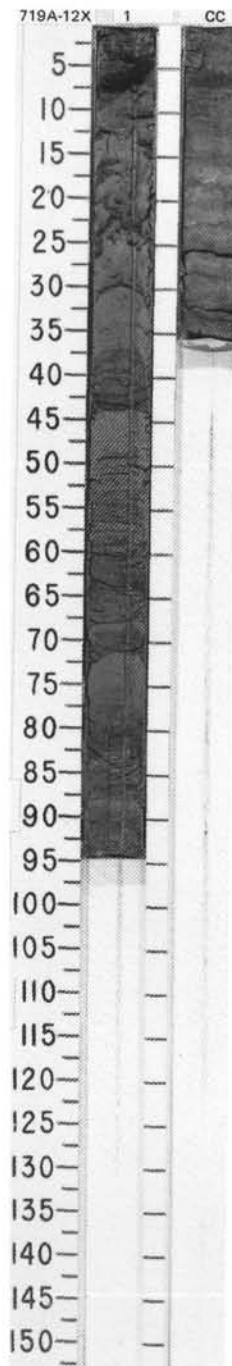
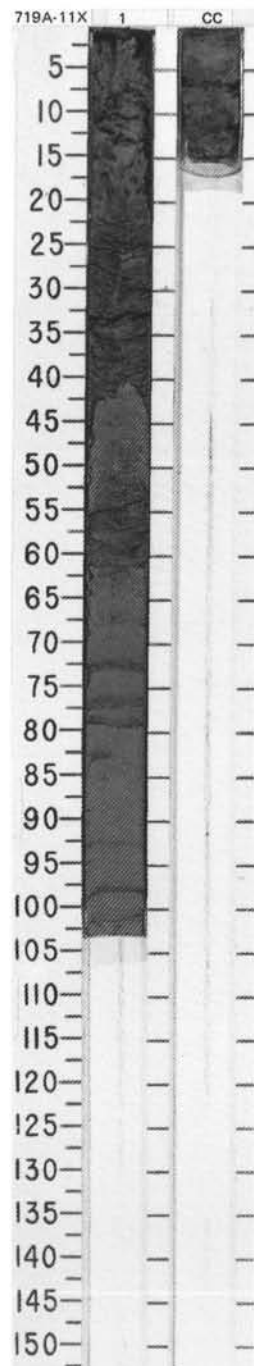
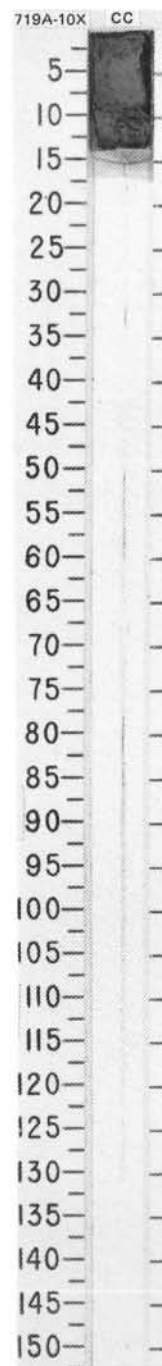
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANOFOSILS	RADIOLARIANS	DIAZONIS										
R/M	CAV.	Barren	Barren			$\phi=54.42$	$\gamma=1.86$	4.50	CC				*	SILTY CLAY Major lithology: Dark gray (5GY 4/1) micaceous silty clay. SMEAR SLIDE SUMMARY (%): CC. 7 D TEXTURE: Silt 30 Clay 70 COMPOSITION: Access. minerals 5 Clay 65 Mica 3 Micrite 5 Quartz 22

SITE 719 HOLE A CORE 11X CORED INTERVAL 4825.9-4835.4 mbsl; 89.7-99.2 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANOFOSILS	RADIOLARIANS	DIAZONIS										
R/P	CN14a	Barren	Barren			$\phi=52.15$	$\gamma=1.88$	5.50	1				1W OG	CLAYEY SILT and CLAY Major lithology: Dark gray (5GY 4/1) upward-fining cycles of clayey silt to clay. Cycles from 4-43 cm thick. Sediment slightly calcareous. Silt-mud turbidites.

SITE 718 HOLE A CORE 12X CORED INTERVAL 4835.4-4844.9 mbsl; 99.2-108.7 mbsf

TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANOFOSILS	RADIOLARIANS	DIAZONIS										
Barren	Barren	Barren	Barren			$\phi=70.18$	$\gamma=2.48$	5.50	1					CLAYEY SILT and CLAY Major lithologies: Dark gray (5GY 4/1) upward-fining turbidites grading from clayey silt to clay in Section 1. Turbidites are 5-36 cm thick. Sediments moderately calcareous. Light gray (5Y 6/1), strongly calcareous clayey silt in CC, fining upward to dark gray (5GY 4/1), moderately calcareous clayey silt.



SITE 719

SITE 719 HOLE A CORE 13X CORED INTERVAL 4844.9-4854.4 mbsl; 108.7-118.2 mbsf

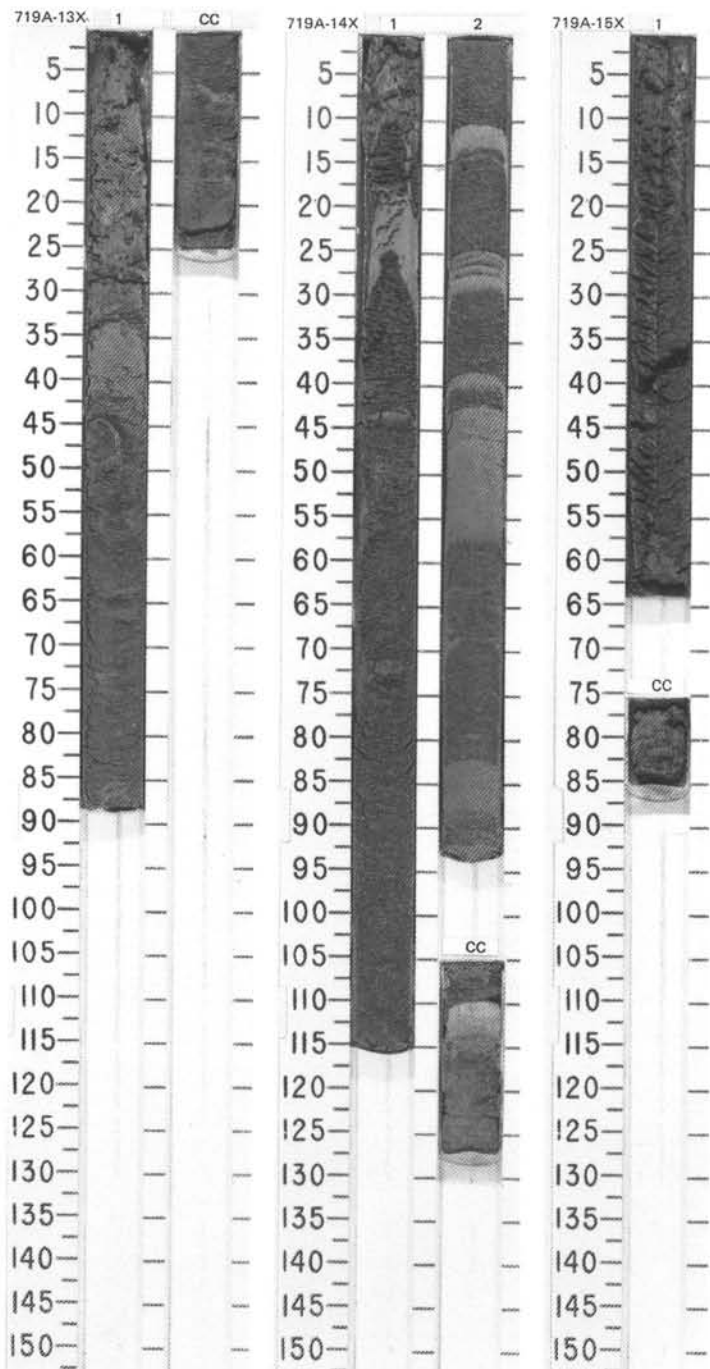
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS										
Barren	Barren	R/P CN14a	Barren	Barren	•	4.40	1	0.5					CLAYEY SILT and CLAY Major lithologies: Dark gray (5Y 4/1) micaceous clayey silt, upward-fining. Gray (5Y 5/1) clay. Silt-mud turbidite.
R/P	Barren	Barren	Barren	Barren	•	4.40	CC						

SITE 719 HOLE A CORE 14X CORED INTERVAL 4854.4-4863.9 mbsl; 118.2-127.7 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										
R/G N22	Barren	R/P CN14a	Barren	Barren	•	4.75	1	0.5					CLAYEY SILT and SILTY CLAY Major lithologies: Dark gray (5Y 4/1) clayey silt, fining upward to dark gray (5Y 4/1) silty clay. Micaceous. Silt-mud turbidites.
Barren	Barren	Barren	Barren	Barren	•	4.75	2	1.0					
Barren	Barren	Barren	Barren	Barren	•	4.75	CC						

SITE 719 HOLE A CORE 15X CORED INTERVAL 4863.9-4873.4 mbsl; 127.7-137.2 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										
Barren	Barren	Barren	Barren	Barren	•	4.75	1	0.5					SILT Major lithology: Gray (5Y 5/1) micaceous silt, fining upward to clayey silt. Silt turbidite.
Barren	Barren	Barren	Barren	Barren	•	4.75	CC						



SITE 719 HOLE A CORE 16X CORED INTERVAL 4873.4-4882.9 mbsl; 137.2-146.7 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													
A/M	A/M N22 C/M				$\phi=53.10$ $\gamma=1.85$ $V=1.61$	$\phi=57.45$ $\gamma=1.78$ $V=1.58$	$\phi=57.45$ $\gamma=1.78$ $V=1.58$	1	0.5 1.0					
A/M CN14a	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	2						
Barren	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	3						
Barren	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	4						
Barren	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	5						
Barren	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	6						
Barren	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	7						
Barren	Barren													
Barren	Barren				$\phi=57.65$ $\gamma=1.77$ $V=1.59$	$\phi=58.16$ $\gamma=1.75$ $V=1.57$	$\phi=57.31$ $\gamma=1.75$ $V=1.59$	CC						
Barren	Barren													

CLAY

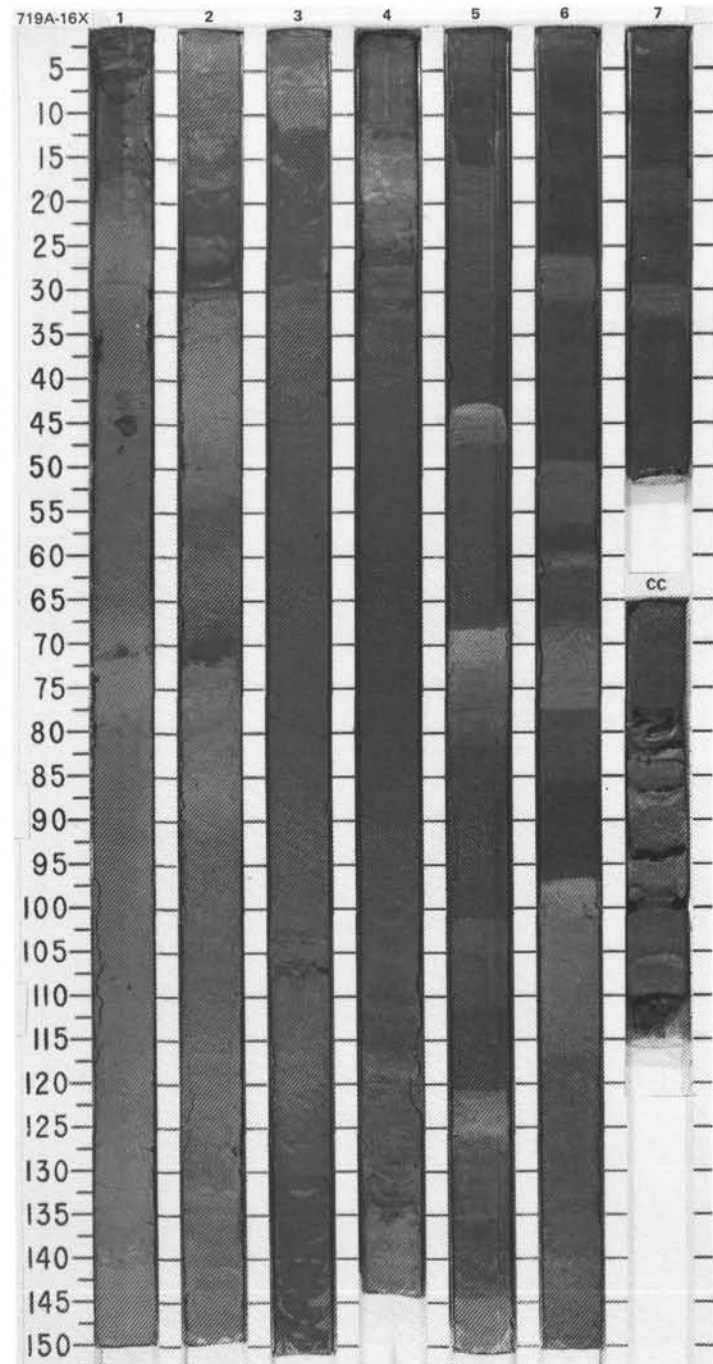
Major lithologies: Black (5Y 2.5/1), dark gray (5Y 4/1), and gray (5Y 5/1) clay intercalated with olive gray (5Y 4/2) clay. Upward-fining sequences (4-109 cm thick) with sharp base. Occasional silt laminae in basal part of graded clay. Section 4, 110-134 cm, parallel laminae in lower part of sequence. Clay above graded clay is strongly bioturbated.

Minor lithologies:

a. Section 3, 10-102 cm, includes calcareous ooze (50%).

b. Section 4, 25-134 cm, includes calcareous ooze (30%).

c. Section 4, 110-134 cm, clayey silt.



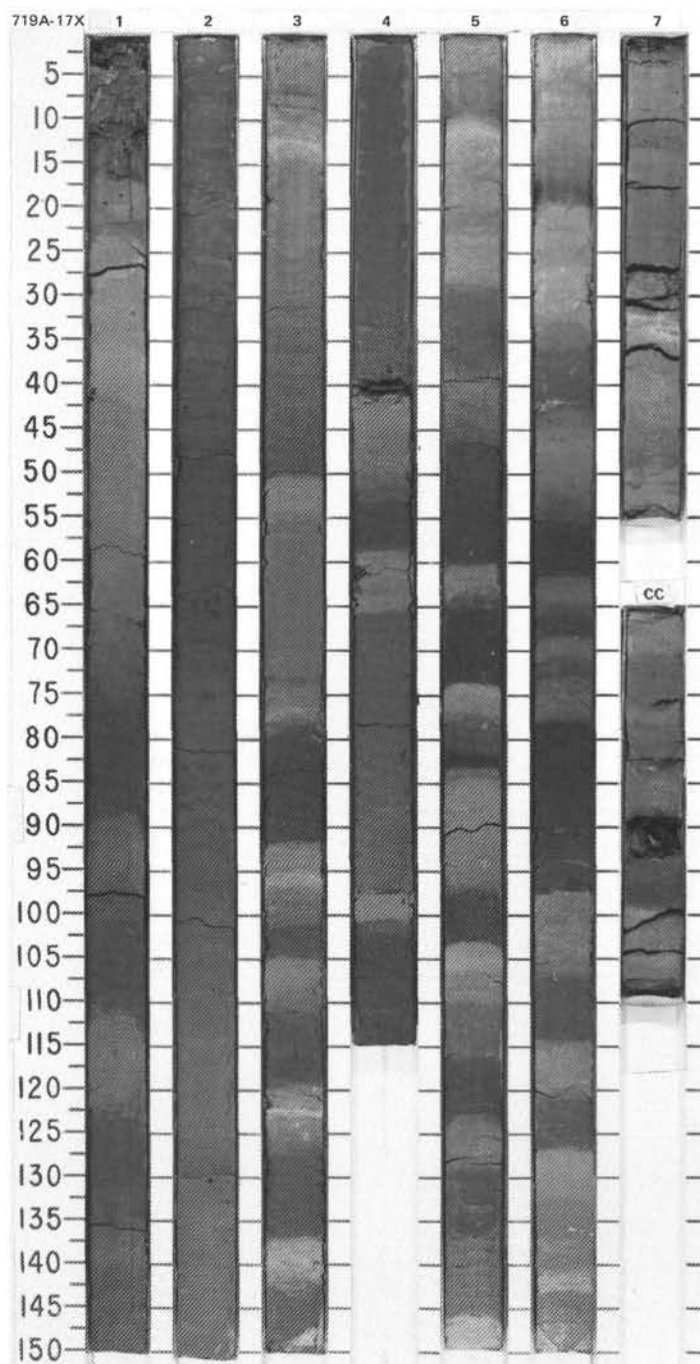
SITE 719 HOLE A CORE 17X CORED INTERVAL 4882.9-4892.4 mbsl; 146.7-156.2 mbsf

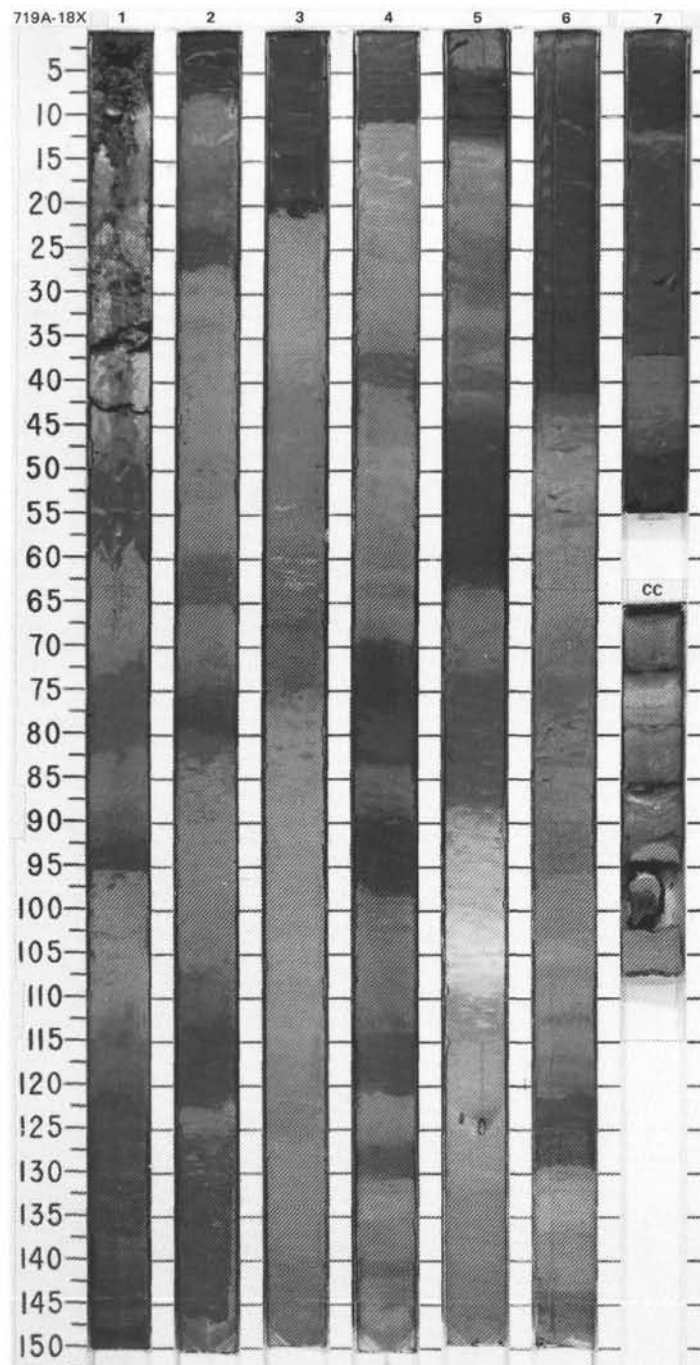
	TIME-ROCK UNIT	BIOSTRAT., ZONE/ FOSSIL CHARACTER				PALAEOMAGNETICS PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
		FORAMINIFERS	NANOFOSSILS	RADIOLARIANS	DIAZONIS									
Barren	F/P													MUD and CALCAREOUS MUD
Barren	C/P CN13b													Major lithologies: Interbedded olive (SY 4/3) nanofossil-rich mud turbidites, dark gray (SY 3/1-4/1) upward-fining mud turbidities, and gray (SY S/1) to dark gray (SY 3/1) structures; mud turbidities. Bioturbation with <i>Chondrites</i> , <i>Zoophycos</i> , and <i>Planolites</i> prominent in Sections 1 and 3. Minor lithologies: Some thin silty clay laminae in Sections 6 and 7. Section 1, 0-21 cm, Section 2, 65-150 cm, and Section 3, 0-8 cm, olive, nanofossil-rich upward-fining clay. Biogenic turbidites. Section 4, 0-39 and 64-98 cm, dark olive gray (SY 3/2) upward-fining calcareous clay with thin calcareous silt at base.
Barren	C/P CN13b													SMEAR SLIDE SUMMARY (%): TEXTURE: Sand — 2, 90 3, 47 4, 21 4, 97 4, 113 5, 105 6, 90 M D M M D D M Silt — 15 10 90 5 20 — Clay 100 85 90 10 95 80 — COMPOSITION: Access. minerals — 2 4 2 2 Tr 3 Bioclasts — 1 25 40 5 — — Chertite — — — — — — — Clay 70 75 — 80 95 — Feldspar — 1 — — — — 28 Foraminifers Tr — 2 5 — — — Garnet — — — — — — Tr Hornblende — — — — — — Tr Inorganic calcite Tr — — — — — — Mica — — — — — — 1 Micrite — — 60 48 3 5 — Nanofossils 30 — 2 3 2 — — Opauques — 1 — — — — 3 Plant debris — 5 5 7 — — — Quartz — 15 2 2 1 — 65 Sponge spicules — — Tr — — — — Zircon — — — — — — Tr CC, 4 D TEXTURE: Silt 5 Clay 95 COMPOSITION: Access. minerals 3 Clay 95 Feldspar Tr Volcanic glass 1 Mica 1 Opauques Tr Pyrite Tr Quartz Tr
Barren														

The stratigraphic column consists of three main sections:

- F/P (Top)**: Depth range 0 to 1.60 m. Includes fossils: *Planolites*, *Zoophycos*, *Chondrites*. Lithology: Mud and calcareous mud.
- C/P CN13b (Middle)**: Depth range 1.60 to 1.77 m. Includes fossils: *Planolites*, *Zoophycos*, *Chondrites*. Lithology: Major lithologies are interbedded olive (SY 4/3) nanofossil-rich mud turbidites, dark gray (SY 3/1-4/1) upward-fining mud turbidities, and gray (SY S/1) to dark gray (SY 3/1) structures; minor lithologies include some thin silty clay laminae in sections 6 and 7.
- Barren (Bottom)**: Depth range 1.77 to 1.81 m. Includes fossils: *Planolites*, *Zoophycos*, *Chondrites*.

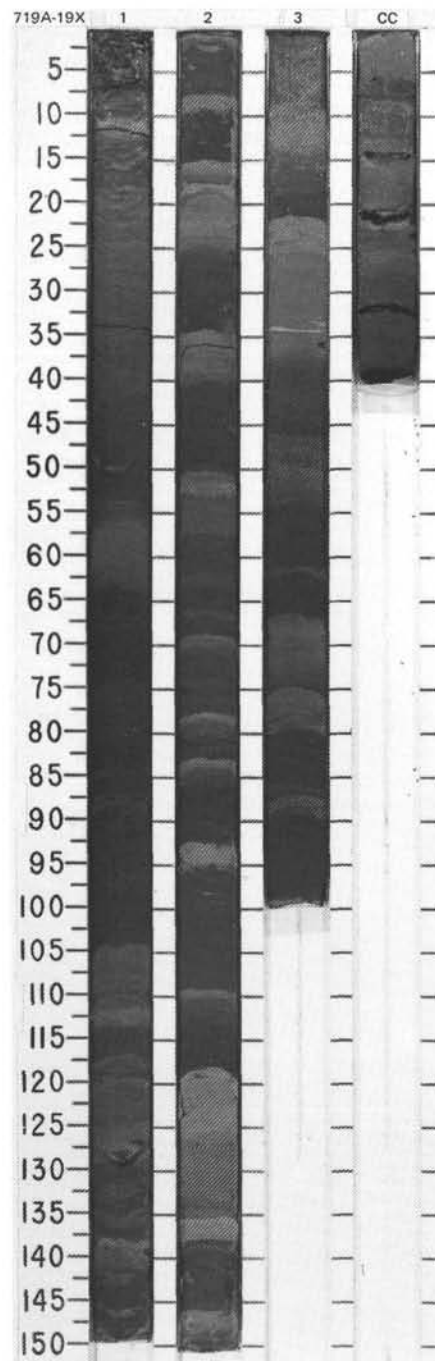
Lithological details include smearslide summaries (%) and texture/composition tables provided for each section.

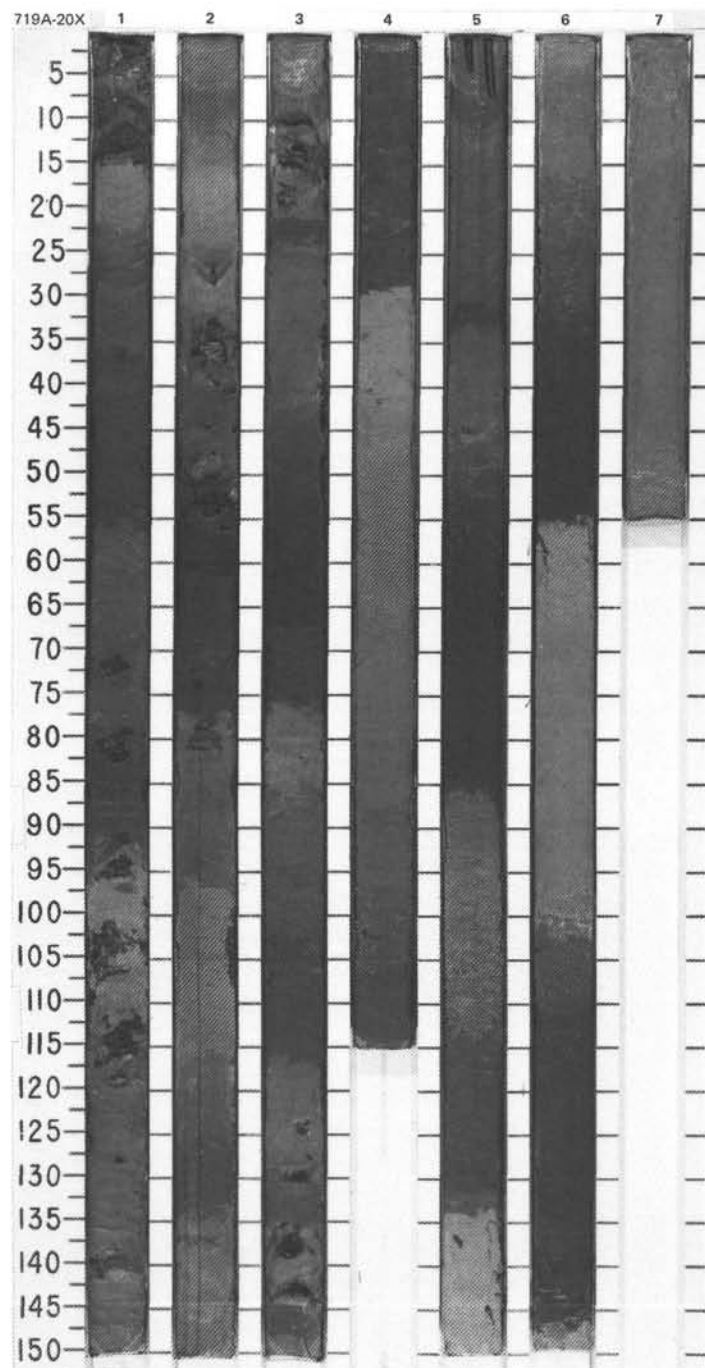


[illegible]

SITE 719 HOLE A CORE 19X CORED INTERVAL 4901.9-4911.4 mbsl; 165.7-175.2 mbsf

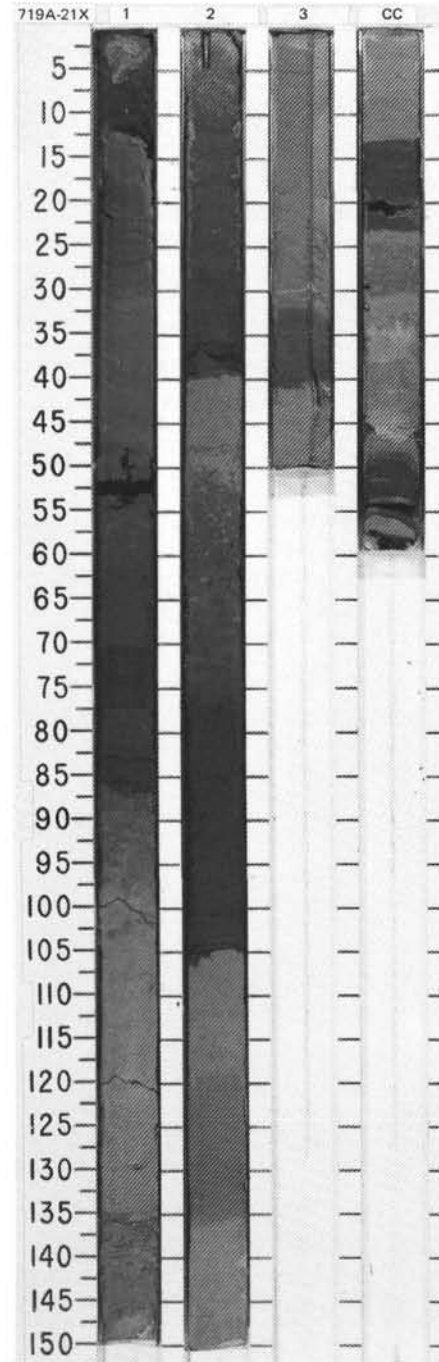
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB.	SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
Barren	FORAMINIFERS NANNOFOSFILLS RADIOLARIANS DIATOMS							
A/P CN12a	C/P CN12b A/P CN12c	1	0.5 1.0					CLAY and CALCAREOUS CLAY Major lithologies: Interbedded very dark gray (5Y 3/1) mud turbidites and dark olive gray (5Y 3/2) calcareous nannofossil-rich biogenic turbidites. Section 2 contains black clay turbidites, 6-18 cm thick, grading upward to light gray pelagic clay. Numerous pyrite concretions in Section 1. <i>Chondrites</i> burrows prominent in dark gray clay and black clay.
Barren	A/P CN12b	2						SMEAR SLIDE SUMMARY (%): Texture: Silt 10 15 5 2 Clay 90 85 95 98 Composition: Access. minerals 5 3 2 2 Bioclasts — 5 — — Clay 78 60 92 80 Diatoms — — — Tr Feldspar — — 3 — Foraminifers — 1 — — Mica — — 1 — Micrite 9 15 — 2 Nannofossils 1 15 — 15 Opauques — — — 1 Plant debris 7 — — — Quartz — 1 2 Tr
Barren		3						
Barren		CC						



SITE 719

SITE 719 HOLE A CORE 21X CORED INTERVAL 4920.9-4930.4 mbsl; 184.7-194.2 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										
F/M	Barren													
F/P CN12a	Barren													
Barren														
P	Barren													

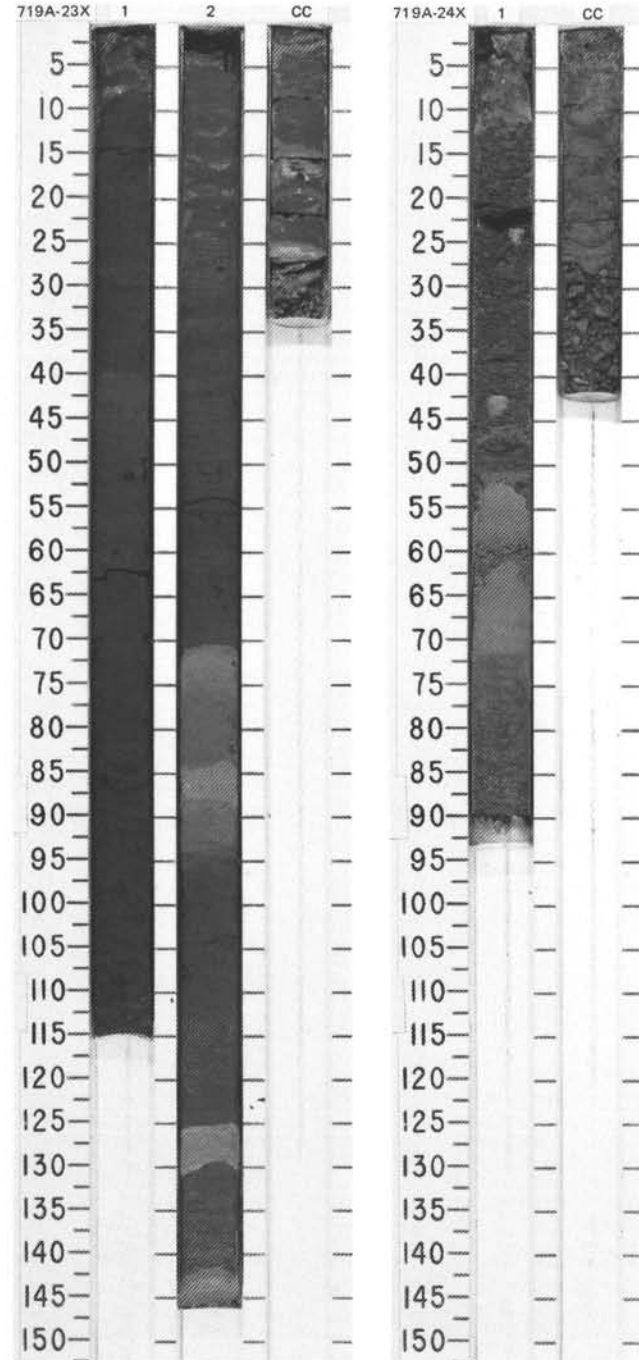


SITE 719 HOLE A CORE 23X CORED INTERVAL 4939.9-4949.4 mbsf; 203.7-213.2 mbsf

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										
R/M	Barren	Barren	Barren	Barren		$\phi = 49.98$ $V = 1.93$ $\bullet = 1.93$		1	0.5 1.0					CLAY Major lithologies: Black (SY 2.5/1) to gray (SY 5/1) clay with pyrite nodules (maximum length 6 mm). Normally graded in Section 2, 75-83 and 85-95 cm. Minor lithology: CC, 12-17 and 25-34 cm, upward-fining gray (SY 5/1) clayey silt. SMEAR SLIDE SUMMARY (%): 1, 60 2, 72 2, 82 D D D TEXTURE: Silt 3 2 12 Clay 97 98 88 COMPOSITION: Access. minerals — — Tr Clay 95 97 91 Inorganic calcite — 1 3 Mica Tr — — Nannofossils Tr — 1 Opales 4 2 2 Plant debris 1 — — Quartz — — 3 Sponge spicules Tr Tr —
						$\phi = 58.55$ $V = 1.59$ $\bullet = 1.78$		2						
						$\phi = 49.98$ $V = 1.93$ $\bullet = 1.93$		CC						

SITE 719 HOLE A CORE 24X CORED INTERVAL 4949.4-4958.9 mbsf; 213.2-222.7 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										
Barren	Barren	R/P CN11	Barren	Barren		$\phi = 52.26$ $V = 1.89$ $\bullet = 1.57$		1	0.5					CLAYEY SILT and CLAY Major lithologies: Dark gray (SY 4/1) micaceous clayey silt grading to gray (SY 5/1) clay. Silt-mud turbidites.
								CC						

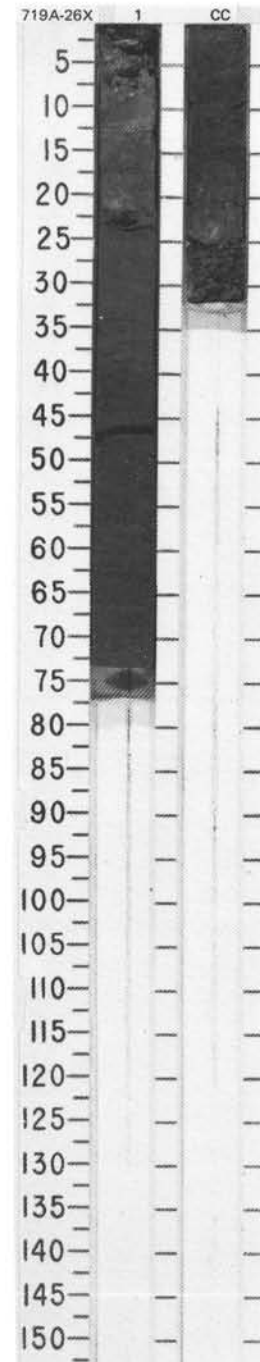
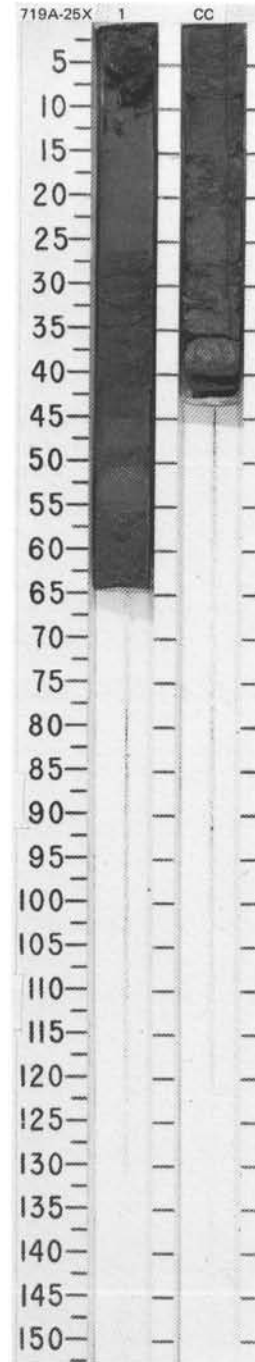


SITE 719 HOLE A CORE 25X CORED INTERVAL 4958.9-4968.4 mbsl; 222.7-232.2 mbsf

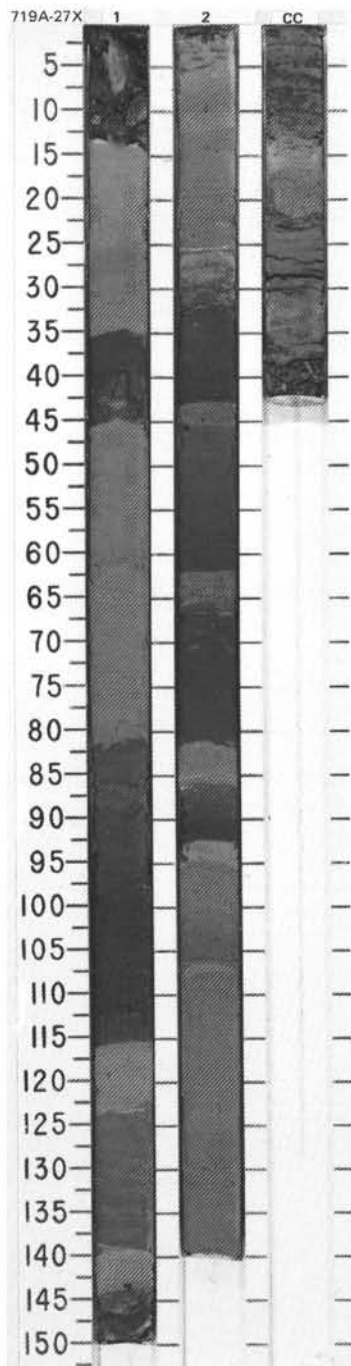
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
Barren	Barren	Barren	Barren	Barren	0-51.62 γ ± 1.91 γ ± 1.53 γ	●	2.08	1	0.5				SILT and SILTY CLAY Major lithologies: Gray (5Y 5/1) silt, normally graded to gray (5Y 5/1) silty clay. Silt is micaceous.
Barren	Barren	Barren	Barren	Barren				CC					

SITE 719 HOLE A CORE 26X CORED INTERVAL 4968.4-4977.9 mbsl; 232.2-241.7 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									
Barren	R/P	Barren	Barren		● 8.16			1	0.5			1W	SILT Major lithologies: Dark gray (5Y 4/1) silt, clayey silt, and clay. Upward-fining sequence. Section 1, 23-37 cm, parallel lamination. Silt turbidites.
								CC					

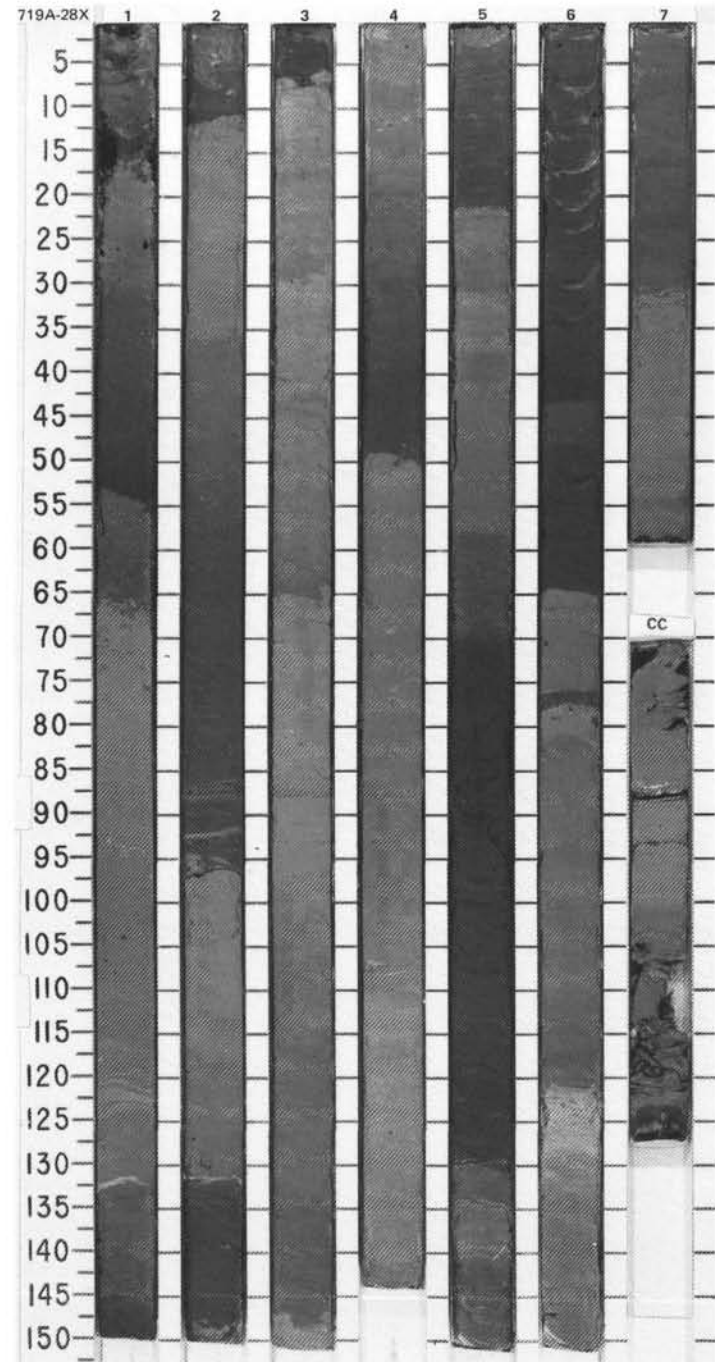


SITE 719 HOLE A CORE 27X CORED INTERVAL 4977.9-4987.4 mbsl; 241.7-251.2 mbsf

[illegible]

SITE 719 HOLE A CORE 28X CORED INTERVAL 4987.4-4996.9 mbsl; 251.2-260.7 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								
Barren	C/P										CLAY and SILTY CLAY Major lithologies: Black (5Y 2.5/1), dark gray (10Y 4/1) to greenish gray (10GY 4/1, 5/1) clay intercalated with black (5Y 2.5/1) and greenish gray (10GY 5/1) to dark gray (10Y 4/1) silty clay. Upward-fining sequences. Lower part of sequence occasionally laminated; upper part of each sequence is strongly disturbed by bioturbation. Chemical fronts are found in non-graded clay. Core is mainly composed of interbedded mud turbidites and organic-rich turbidites. Bed thicknesses 10-70 cm. Minor lithology: Gray (5Y 5/1) silt in CC, 34-53 cm. SMEAR SLIDE SUMMARY (%): 3, 81 D TEXTURE: Clay 100 COMPOSITION: Clay 85 Inorganic calcite 15 Nannofossils Tr
F/P CN11	A/P CN11			0-52.42 7-1.88 V-1.61	0-51.77 V-1.60	1.08	1				
Barren	Barren			0-52.69 7-1.81 V-1.62	0-52.41 7-1.89 V-1.61	0.42	2				
P	Barren			0-57.69 7-1.82 V-1.62	0-52.72 7-1.92 V-1.65	2.08	3				
				0-47.33 V-1.65	0-47.33 V-1.65	1.97	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																																																										
Barren	Barren														CLAY and SILTY CLAY Major lithologies: Dark gray mud turbidites. Very dark gray (5Y 3/1), dark gray (5Y 4/1), and gray (5Y 5/1, 6/1) to olive gray (5Y 4/2) clay, intercalated with dark gray (5Y 4/1) and olive gray (5Y 5/2) to light olive gray (5Y 6/2) silty clay. Silty clay (3-22 cm thick) grading to clay. Non-graded parts are strongly bioturbated. SMEAR SLIDE SUMMARY (%): <table><tr><td>1, 82</td><td>2, 34</td><td>3, 144</td><td>5, 40</td></tr><tr><td>D</td><td>D</td><td>D</td><td>D</td></tr></table> TEXTURE: <table><tr><td>Silt</td><td>5</td><td>5</td><td>15</td><td>4</td></tr><tr><td>Clay</td><td>95</td><td>95</td><td>85</td><td>96</td></tr></table> COMPOSITION: <table><tr><td>Access. minerals</td><td>—</td><td>1</td><td>—</td><td>1</td></tr><tr><td>Clay</td><td>94</td><td>94</td><td>83</td><td>96</td></tr><tr><td>Diatoms</td><td>Tr</td><td>—</td><td>—</td><td>—</td></tr><tr><td>Inorganic calcite</td><td>—</td><td>—</td><td>2</td><td>—</td></tr><tr><td>Mica</td><td>—</td><td>—</td><td>—</td><td>1</td></tr><tr><td>Nannofossils</td><td>1</td><td>—</td><td>—</td><td>—</td></tr><tr><td>Plant debris</td><td>—</td><td>—</td><td>—</td><td>2</td></tr><tr><td>Quartz</td><td>5</td><td>5</td><td>15</td><td>—</td></tr></table>	1, 82	2, 34	3, 144	5, 40	D	D	D	D	Silt	5	5	15	4	Clay	95	95	85	96	Access. minerals	—	1	—	1	Clay	94	94	83	96	Diatoms	Tr	—	—	—	Inorganic calcite	—	—	2	—	Mica	—	—	—	1	Nannofossils	1	—	—	—	Plant debris	—	—	—	2	Quartz	5	5	15	—
1, 82	2, 34	3, 144	5, 40																																																																						
D	D	D	D																																																																						
Silt	5	5	15	4																																																																					
Clay	95	95	85	96																																																																					
Access. minerals	—	1	—	1																																																																					
Clay	94	94	83	96																																																																					
Diatoms	Tr	—	—	—																																																																					
Inorganic calcite	—	—	2	—																																																																					
Mica	—	—	—	1																																																																					
Nannofossils	1	—	—	—																																																																					
Plant debris	—	—	—	2																																																																					
Quartz	5	5	15	—																																																																					
R/P	A/P CN10b																																																																								
Barren	Barren																																																																								
Barren	Barren																																																																								

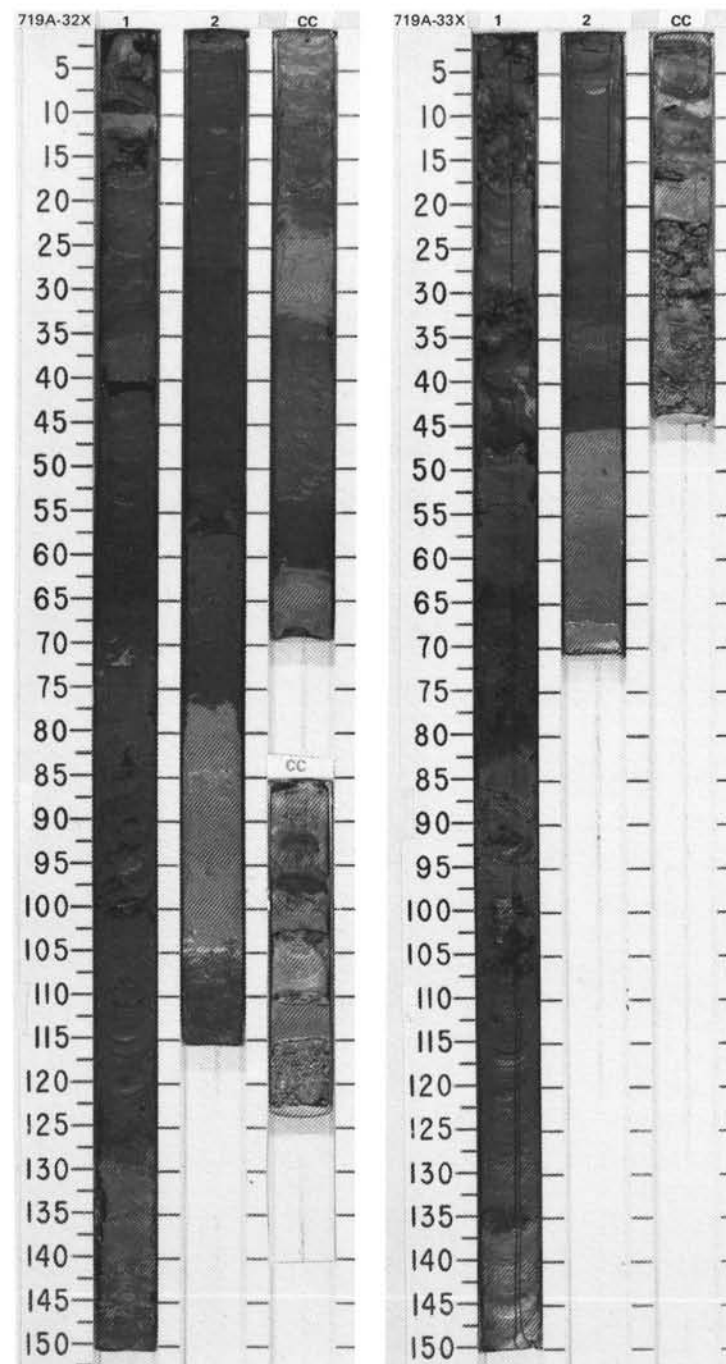


SITE 719 HOLE A CORE 32X CORED INTERVAL 5025.4-5034.9 mbsf; 289.2-298.7 mbsf

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																																																																																																	
Barren	F/P												CLAY and SILTY CLAY Major lithologies: Dark gray (5Y 4/1) to black (5Y 2.5/1) upward-fining cycles of silty clay to clay. Tops of turbidites are severely bioturbated, causing color mottling. SMEAR SLIDE SUMMARY (%): <table><tr><td></td><td>2, 56</td><td>2, 84</td><td>3, 1</td><td>3, 42</td><td>CC, 7</td><td>CC, 34</td></tr><tr><td>D</td><td></td><td>D</td><td>D</td><td>D</td><td>D</td><td>D</td></tr></table> TEXTURE: <table><tr><td>Sand</td><td>—</td><td>—</td><td>5</td><td>—</td><td>—</td><td>5</td></tr><tr><td>Silt</td><td>95</td><td>40</td><td>65</td><td>35</td><td>35</td><td>75</td></tr><tr><td>Clay</td><td>5</td><td>60</td><td>30</td><td>65</td><td>65</td><td>20</td></tr></table> COMPOSITION: <table><tr><td>Access. minerals</td><td>3</td><td>4</td><td>3</td><td>3</td><td>2</td><td>3</td></tr><tr><td>Clay</td><td>5</td><td>60</td><td>30</td><td>62</td><td>65</td><td>15</td></tr><tr><td>Feldspar</td><td>20</td><td>15</td><td>5</td><td>10</td><td>5</td><td>15</td></tr><tr><td>Hematite</td><td>Tr</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td></tr><tr><td>Inorganic calcite</td><td>1</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td></tr><tr><td>Mica</td><td>1</td><td>1</td><td>—</td><td>Tr</td><td>Tr</td><td>2</td></tr><tr><td>Nannofossils</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>Tr</td></tr><tr><td>Opaques</td><td>10</td><td>—</td><td>2</td><td>—</td><td>3</td><td>Tr</td></tr><tr><td>Quartz</td><td>60</td><td>20</td><td>60</td><td>25</td><td>25</td><td>65</td></tr></table>		2, 56	2, 84	3, 1	3, 42	CC, 7	CC, 34	D		D	D	D	D	D	Sand	—	—	5	—	—	5	Silt	95	40	65	35	35	75	Clay	5	60	30	65	65	20	Access. minerals	3	4	3	3	2	3	Clay	5	60	30	62	65	15	Feldspar	20	15	5	10	5	15	Hematite	Tr	—	—	—	—	—	Inorganic calcite	1	—	—	—	—	—	Mica	1	1	—	Tr	Tr	2	Nannofossils	—	—	—	—	—	Tr	Opaques	10	—	2	—	3	Tr	Quartz	60	20	60	25	25	65
	2, 56	2, 84	3, 1	3, 42	CC, 7	CC, 34																																																																																																									
D		D	D	D	D	D																																																																																																									
Sand	—	—	5	—	—	5																																																																																																									
Silt	95	40	65	35	35	75																																																																																																									
Clay	5	60	30	65	65	20																																																																																																									
Access. minerals	3	4	3	3	2	3																																																																																																									
Clay	5	60	30	62	65	15																																																																																																									
Feldspar	20	15	5	10	5	15																																																																																																									
Hematite	Tr	—	—	—	—	—																																																																																																									
Inorganic calcite	1	—	—	—	—	—																																																																																																									
Mica	1	1	—	Tr	Tr	2																																																																																																									
Nannofossils	—	—	—	—	—	Tr																																																																																																									
Opaques	10	—	2	—	3	Tr																																																																																																									
Quartz	60	20	60	25	25	65																																																																																																									
R/P CN9	C/P CN9																																																																																																														
Barren	Barren																																																																																																														
Barren	Barren																																																																																																														
Barren	Barren																																																																																																														

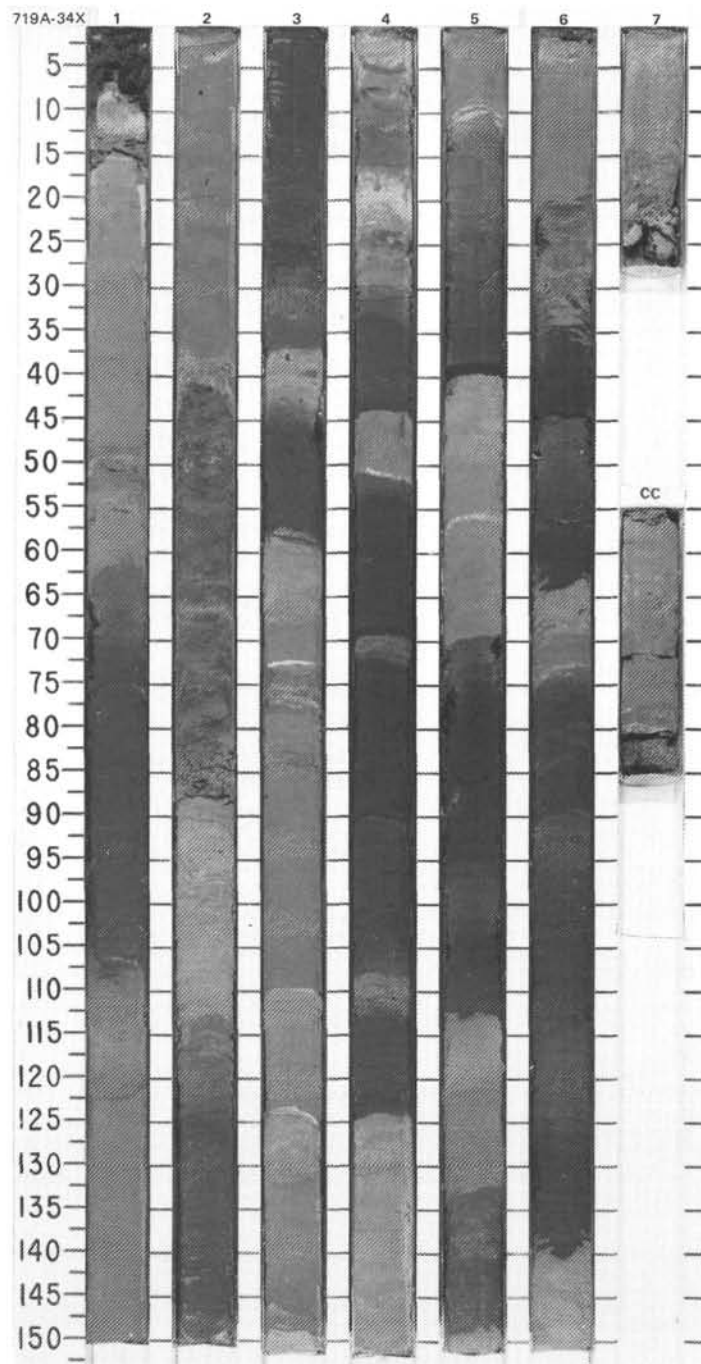
SITE 719 HOLE A CORE 33X CORED INTERVAL 5034.9-5044.4 mbsf; 298.7-308.2 mbsf

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										
Barren													CLAY, SILTY CLAY, and CLAYEY SILT Major lithologies: Very dark gray (5Y 3/1) to gray (5Y 5/1) clay. Some upward-fining turbidites with silt or clayey silt at the base. Some bioturbation at the tops of turbidites.
R/P													
Barren													
Barren													



SITE 719

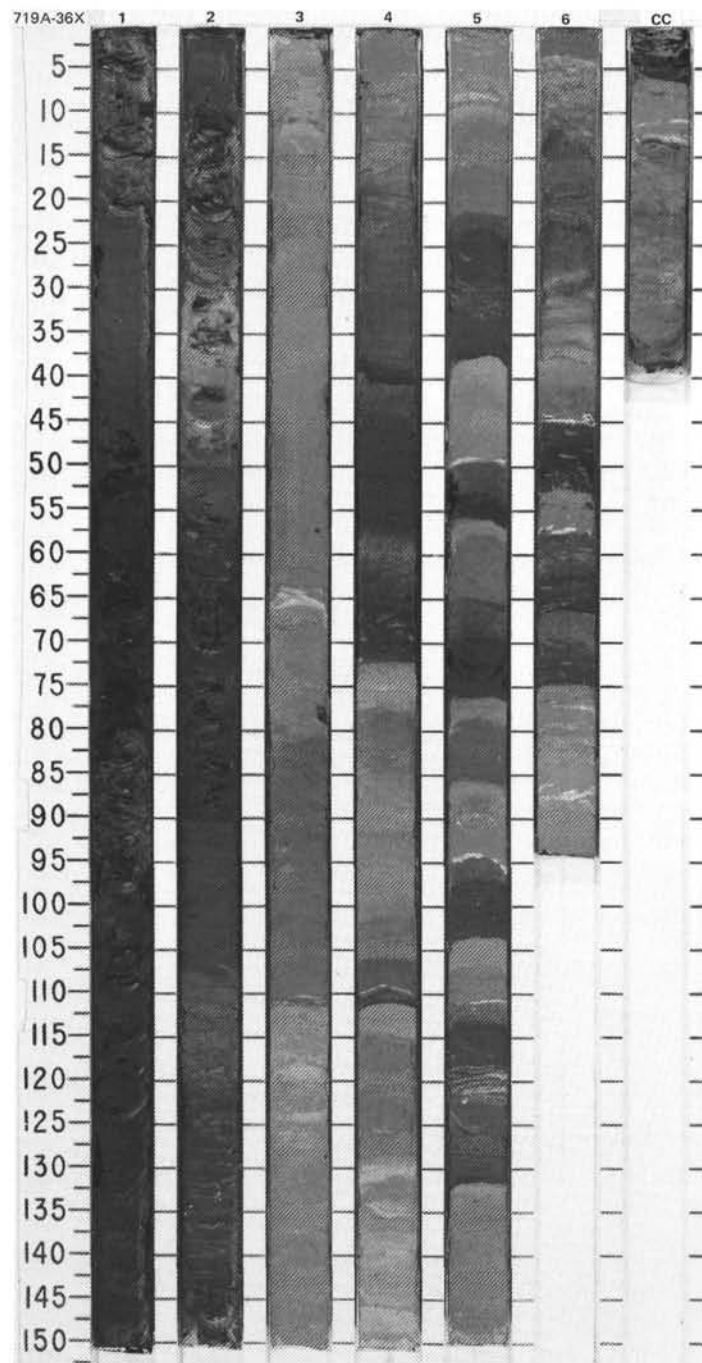
SITE 719 HOLE A CORE 34X CORED INTERVAL 5044.4-5053.9 mbsl; 308.2-317.7 mbsf

[illegible]

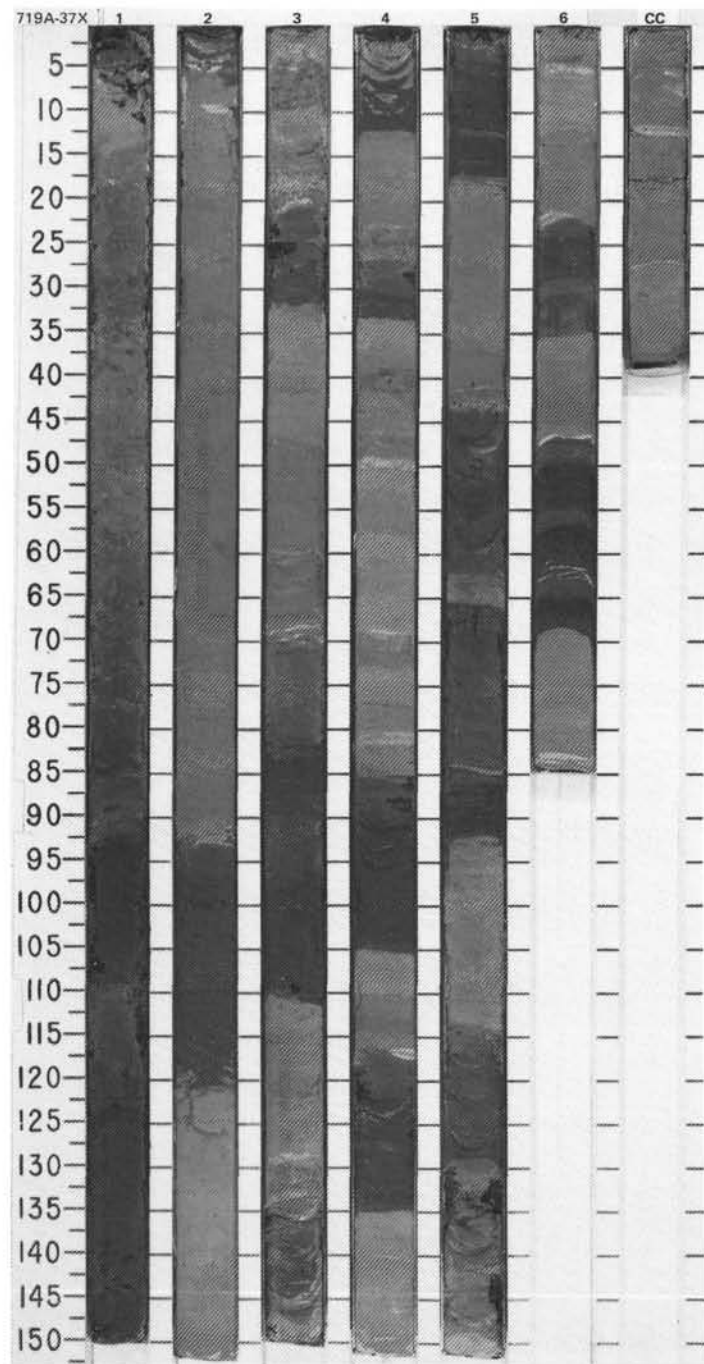
SITE 719

SITE 719 HOLE A CORE 36X CORED INTERVAL 5063.4-5072.9 mbsl; 327.2-336.7 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	DIAZOMS																																																										
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 56.01$ $\gamma = 1.83$ $V = 1.68$		1	0.5					CLAY and SILTY CLAY Major lithologies: Interbedded upward-fining turbidites of black to very dark gray (5Y 2.5/1, 3/1) clay or silty clay to dark gray (5Y 4/1) clay and massive dark greenish gray (5GY 4/1, 5/1) clay. Bioturbation prominent in tops of upward-fining turbidites and in the massive clay. Minor lithologies: 35-cm-thick light gray (5Y 6/1) calcareous silt in Section 6. Pyrite concretion in Section 3. SMEAR SLIDE SUMMARY (%): <table><tr><td></td><td>3.94</td><td>5.59</td><td>6.34</td></tr><tr><td>D</td><td>D</td><td>D</td><td>M</td></tr></table> TEXTURE: <table><tr><td>Silt</td><td>2</td><td>25</td><td>95</td></tr><tr><td>Clay</td><td>98</td><td>75</td><td>5</td></tr></table> COMPOSITION: <table><tr><td>Access. minerals</td><td>3</td><td>2</td><td>5</td></tr><tr><td>Clay</td><td>90</td><td>70</td><td>—</td></tr><tr><td>Feldspar</td><td>Tr</td><td>—</td><td>—</td></tr><tr><td>Mica</td><td>Tr</td><td>3</td><td>5</td></tr><tr><td>Micrite</td><td>1</td><td>5</td><td>5</td></tr><tr><td>Nannofossils</td><td>2</td><td>—</td><td>—</td></tr><tr><td>Opalines</td><td>1</td><td>—</td><td>—</td></tr><tr><td>Quartz</td><td>3</td><td>20</td><td>85</td></tr></table>		3.94	5.59	6.34	D	D	D	M	Silt	2	25	95	Clay	98	75	5	Access. minerals	3	2	5	Clay	90	70	—	Feldspar	Tr	—	—	Mica	Tr	3	5	Micrite	1	5	5	Nannofossils	2	—	—	Opalines	1	—	—	Quartz	3	20	85
	3.94	5.59	6.34																																																											
D	D	D	M																																																											
Silt	2	25	95																																																											
Clay	98	75	5																																																											
Access. minerals	3	2	5																																																											
Clay	90	70	—																																																											
Feldspar	Tr	—	—																																																											
Mica	Tr	3	5																																																											
Micrite	1	5	5																																																											
Nannofossils	2	—	—																																																											
Opalines	1	—	—																																																											
Quartz	3	20	85																																																											
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$		2	1.0																																																					
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$		3	1.5																																																					
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$		4	2.0																																																					
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$		5	2.5																																																					
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$		6	3.0																																																					
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$		CC	3.5																																																					
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$																																																								
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$																																																								
Barren	Barren	R/P CN9	Barren	R/P		$\phi = 54.98$ $\gamma = 1.44$ $V = 1.68$																																																								

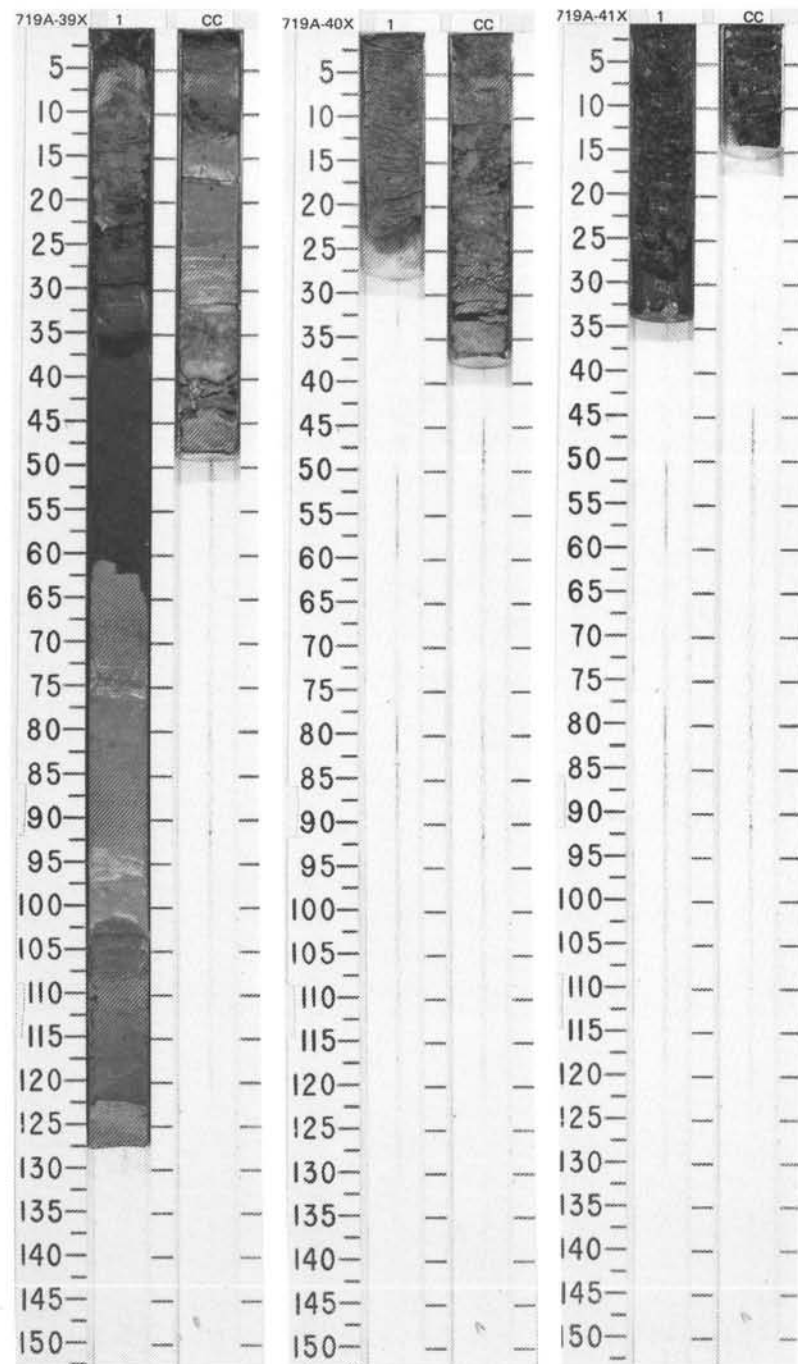


TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER			PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS									
R/M												
A/P CN9												
Barren												
Barren												

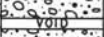
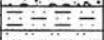
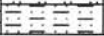


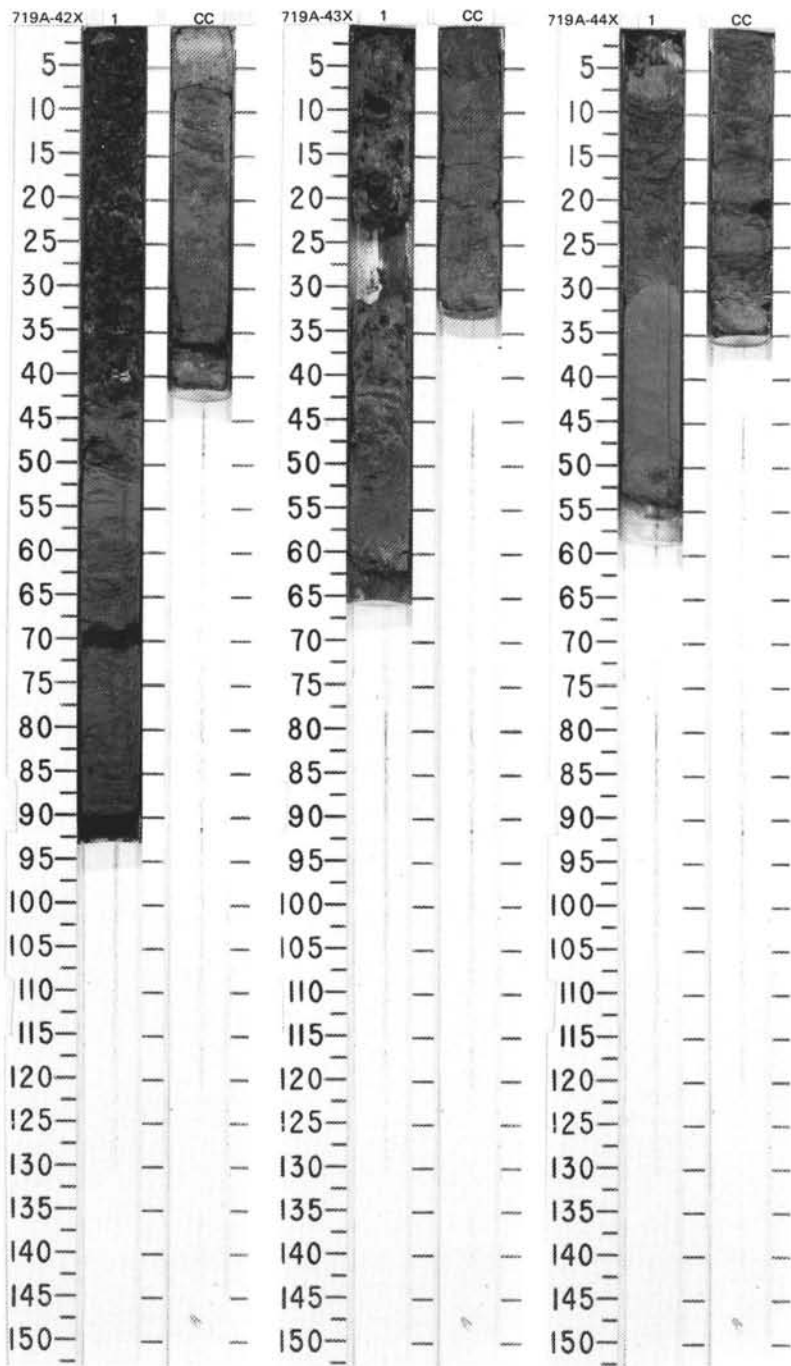
[illegible][illegible]

	TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
		FORAMINIFERS	NAUFOSSILLS	RADIOLARIANS	DIATOMS								
Barren	F/P CN9 CAV.	Barren	Barren					1					SILTY CLAY
								CC					Major lithology: Greenish gray (10Y 4/1) micaceous silty clay.



[illegible]

SITE 719 HOLE A						CORE 43X	CORED INTERVAL 5129.9-5139.4 mbsf; 393.7-403.2 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	DIAATOMS										
Barren	R/M								1		X X X X				SILTY CLAY, CLAYEY SILT, and SILT
R/P	A/M CN9b								0.5		X X X X				Major lithology: Upward-coarsening turbidites of gray (5Y 5/1-6/1) calcareous silty clay or clayey silt to silt.
Barren									CC		X X X X				
Barren											X X X X				

[illegible]

SITE 719 HOLE A CORE 45X CORED INTERVAL 5148.9-5158.4 mbsl; 412.7-422.2 mbsf

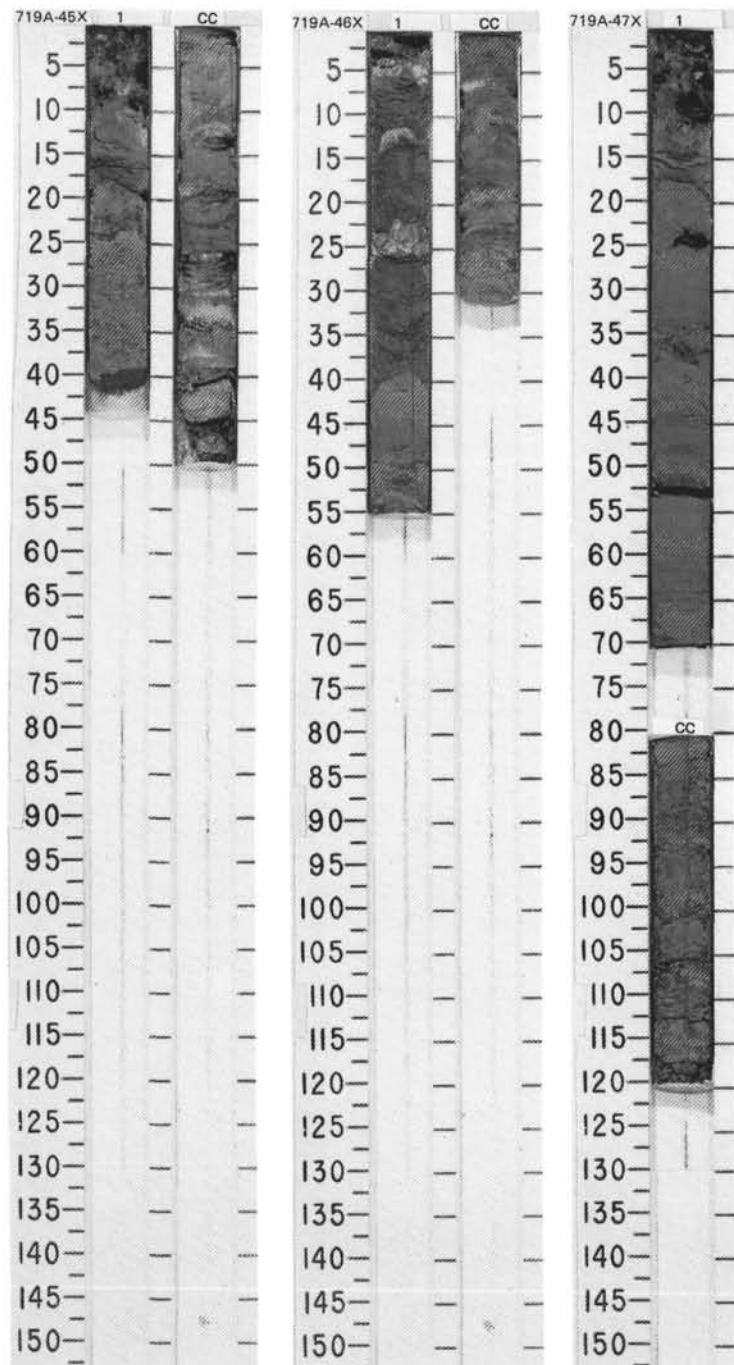
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
Barren								1					CLAYEY SILT and SILTY CLAY Major lithologies: Dark gray (5Y 4/1) clayey silt, fining upward to dark gray (5Y 4/1) silty clay. Silt-mud turbidites.
R/P								CC					
Barren													
Barren													

SITE 719 HOLE A CORE 46X CORED INTERVAL 5158.4-5167.9 mbsl; 422.2-431.7 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									
Barren								1					CLAYEY SILT Major lithologies: Dark gray (5Y 4/1) clayey silt and silty clay. Section 1, 20-25 cm, dark gray (5Y 4/1) calcareous ooze with nannofossils (40%).
Barren A/P CN9								CC					
Barren													
Barren													

SITE 719 HOLE A CORE 47X CORED INTERVAL 5167.9-5177.4 mbsl; 431.7-441.2 mbsf

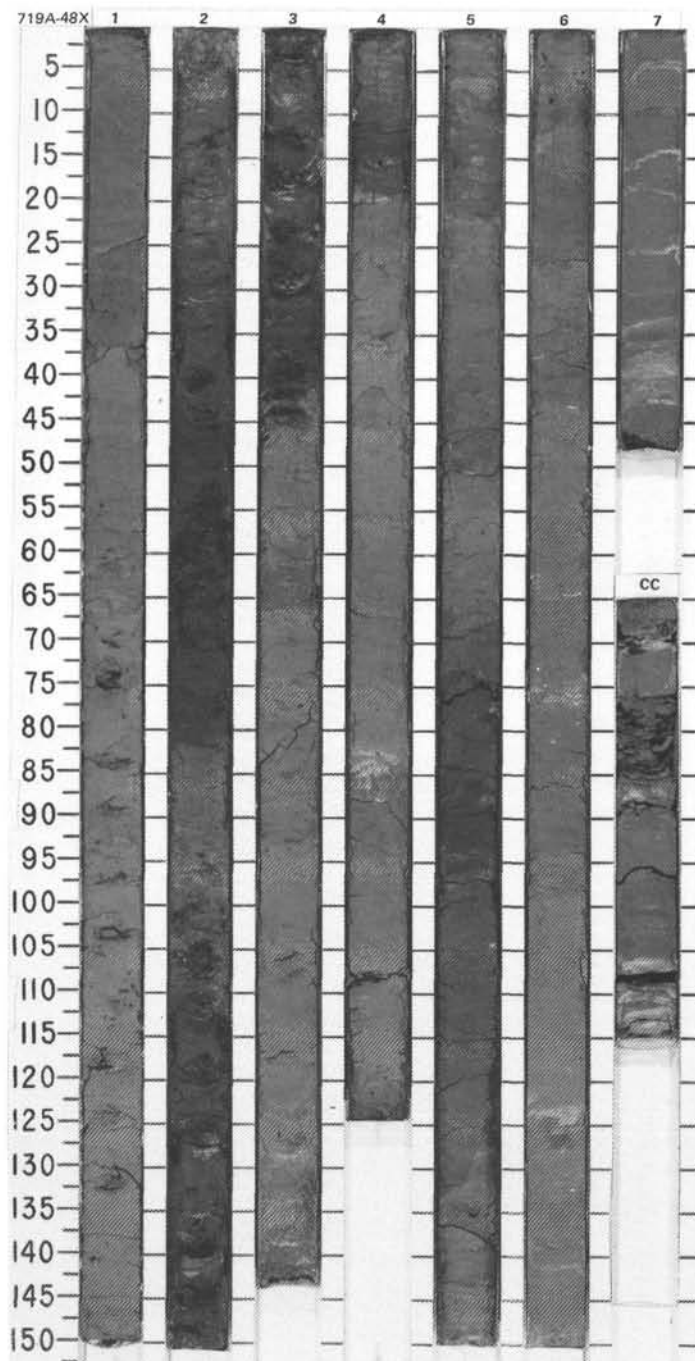
TIME-ROCK UNIT	BIOSTRAT. ZONE/ FOSSIL CHARACTER				PALEOMAGNETICS	PHYS. PROPERTIES	CHEMISTRY	SECTION	METERS	GRAPHIC LITHOLOGY	DRILLING DISTURB. SED. STRUCTURES	SAMPLES	LITHOLOGIC DESCRIPTION
	FORAMINIFERS	NANNOFOSSILS	RADIOLARIANS	DIATOMS									
Barren								1					CLAY, SILTY CLAY, and SILT Major lithologies: a. Gray (5Y 5/1) silty clay, fining upward to gray (5Y 5/1) clay, in Section 1. b. Gray (5Y 6/1) silt, grading to clayey silt and silty clay, in CC.
R/P								CC					
Barren													
Barren													



SITE 719

SITE 719 HOLE A CORE 48X CORED INTERVAL 5177.4-5186.9 mbsl; 441.2-450.7 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	DIAZOTIS							
F/P	R/P	C/P	Barren	Barren				1			CLAY and SILTY CLAY Major lithologies: a. Gray (5Y 5/1) silt turbidites in Section 1, 0 cm, to Section 2, 5 cm. Basal part of each turbidite is composed of gray (5Y 5/1) silty clay, upward-fining. Upper part, gray (5Y 5/1) clay, possible bioturbation. b. Three mud turbidites (thicknesses, 80, 110, and 105 cm) in Section 2, 5 cm, to Section 3, 143 cm. Lower part, very dark gray (5Y 3/1) to gray (5Y 5/1) clay, upward-fining. Upper part, olive gray (10Y 4/2) and gray (5Y 5/1) to greenish gray (5GY 5/1) clay, strongly bioturbated. c. Mud turbidites in Section 4, 0-90 cm. Olive gray (5Y 5/2) to very dark gray (5Y 3/1) silty clay and clay, fining upward to olive gray (10Y 4/2) and gray (5Y 6/1) clay. Possible bioturbation. d. Greenish gray (5GY 5/1), gray (5Y 5/1), dark gray (5Y 4/1), and olive gray (10Y 4/2) to bluish gray (5B 5/1) mud turbidites in Section 4, 90 cm, to Section 6, 142 cm. Mostly silty at bottom. Strongly bioturbated at top; pelagic mud layers. e. Gray (5Y 5/1, 6/1) silt turbidites in Section 6, 142 cm, to Section 7, 48 cm, and CC. No bioturbation. Minor lithology: Section 5, 100-150 cm. Olive (5Y 5/4) calcareous clay, containing 10% nannofossils. SMEAR SLIDE SUMMARY (%): 5, 136 M TEXTURE: Clay 100 COMPOSITION: Clay 70 Inorganic calcite 20 Nannofossils 10
R/P CN9	Barren	R/P CN9	Barren	Barren				2			
Barren								3			
Barren								4			
								5			
								6			
								7			
								CC			



SITE 719