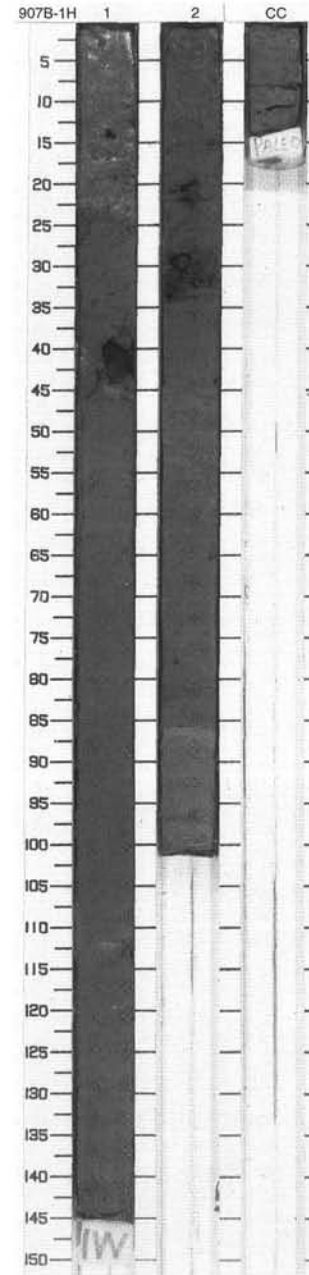


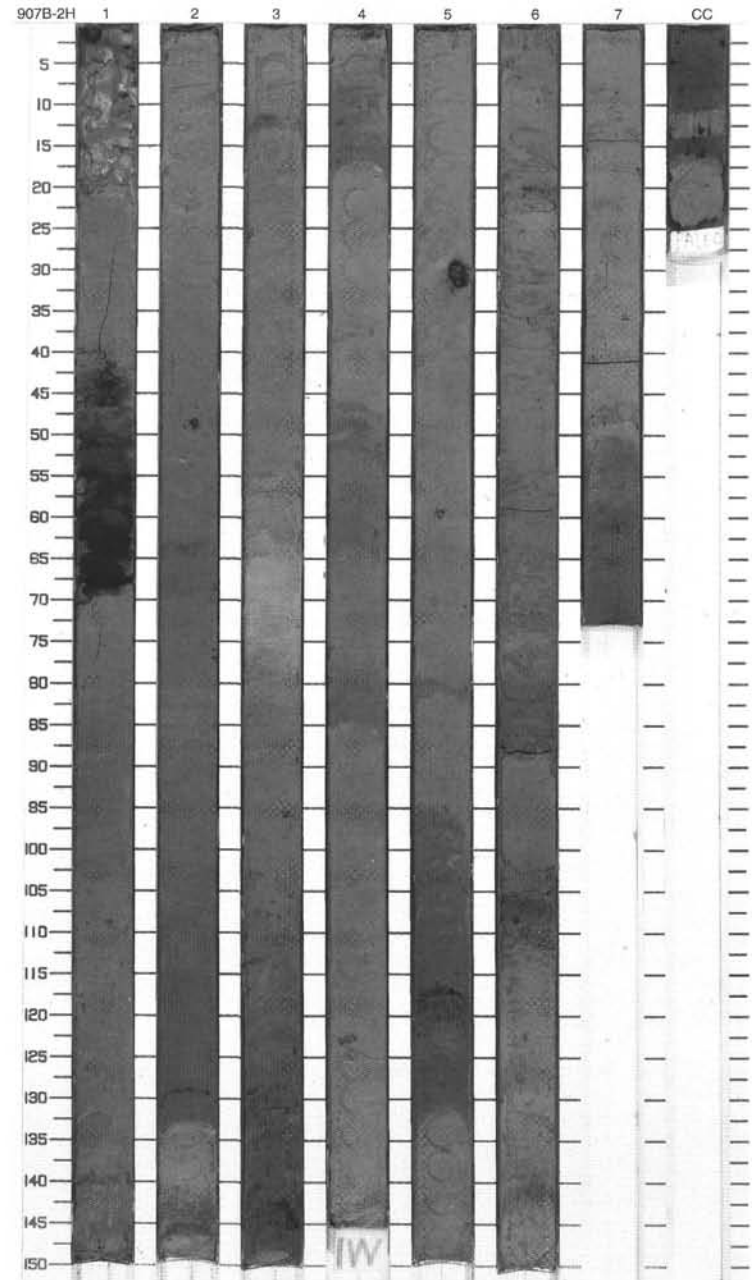
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0-1	[Pattern]	1	Pleistocene	[Symbol]		S	2.5Y 5/2	<p>CLAYEY NANNOFOSSIL MIXED SEDIMENT WITH FORAMS AND SPICULES and CLAY WITH SILT</p> <p>General Description:                      This core contains light olive brown (2.5Y 5/2) CLAYEY NANNOFOSSIL MIXED SEDIMENT WITH FORAMINIFERS AND SPICULES and brown (10YR 4/3) CLAY WITH SILT. The content of both foraminifers and mm-sized dropstones increase in the uppermost 22 cm of the core and in Section 2, 18-40 cm. In addition, dropstones occur in Section 1, 39-43 cm (4.8-cm-sized oxygenized basalt), and in Section 2, 20-21 cm (1.2-cm-sized sedimentary rock), and 30-32 cm (? heavily oxygenized basalt ?). A volcanic ash layer occurs in Section 2, 84-86 cm.</p>
1-2	[Pattern]	2		[Symbol]		S	5Y 4/3	
2-2.7	[Pattern]	CC		[Symbol]		M		



## SITE 907 HOLE B CORE 2H

CORED 2.7 - 12.2 mbsf

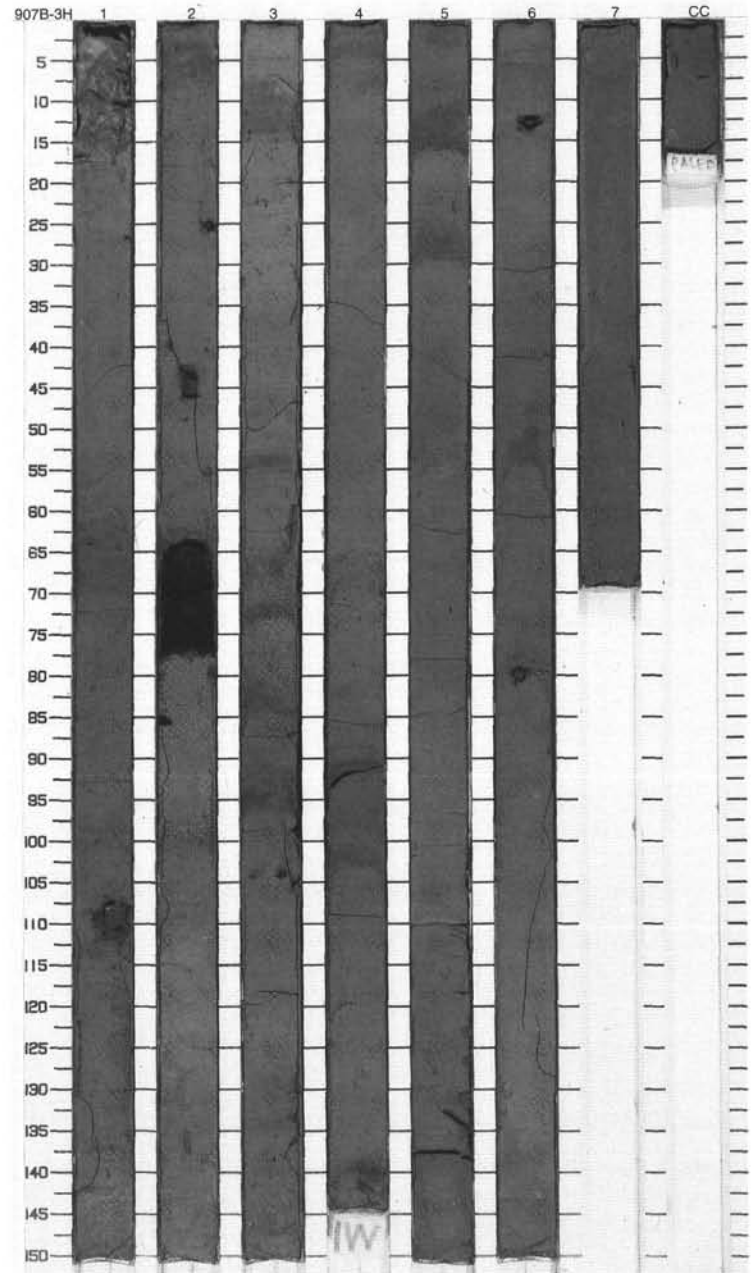
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		-A	○ ○	S	10YR 4/3	SILTY CLAY and CLAY WITH SILT  General Description: This core contains brown (10YR 4/3) SILTY CLAY alternating with olive gray (5Y 4/2) CLAY WITH SILT. The core has a very complicated structure with several sharp and gradual contacts. The core contains several DROPSTONES (< 3.4-cm-long basalt?) at Section 5, 29-31 cm, and 1.2-cm-long basalt at Section 2, 48-49 cm, and small size (< 0.3 cm) basalt at Section 5, 61 cm. The core also contain volcanic ash layers at Section 1, 42-70 cm and Section 6, 80-88 cm. The top of Section 1 (0-20 cm) is soupy. Color change is very variable and composed of several sharp and gradual contacts. Two coarse sediment layers are present at Section 6, 107-110 cm and Section 3. Slight bioturbation occurs throughout. Core Catcher contains thick color band (3-cm-thick). The top of Section 6 contains blackish color band spots. Section 3 contains foraminifers-rich coarse sediment.
2		2				S		
3		3					2.5Y 4/2 To 5Y 4/2	
4		3						
5		4	Pleistocene			S	5Y 4/2 To 5Y 4/1	
6		4			IW			
7		5				S	5Y 5/1	
8		6		-A				
9		7				S	2.5Y 5/2	
10		7				M		
		CC						



SITE 907 HOLE B CORE 3H

CORED 12.2 - 21.7 mbsf

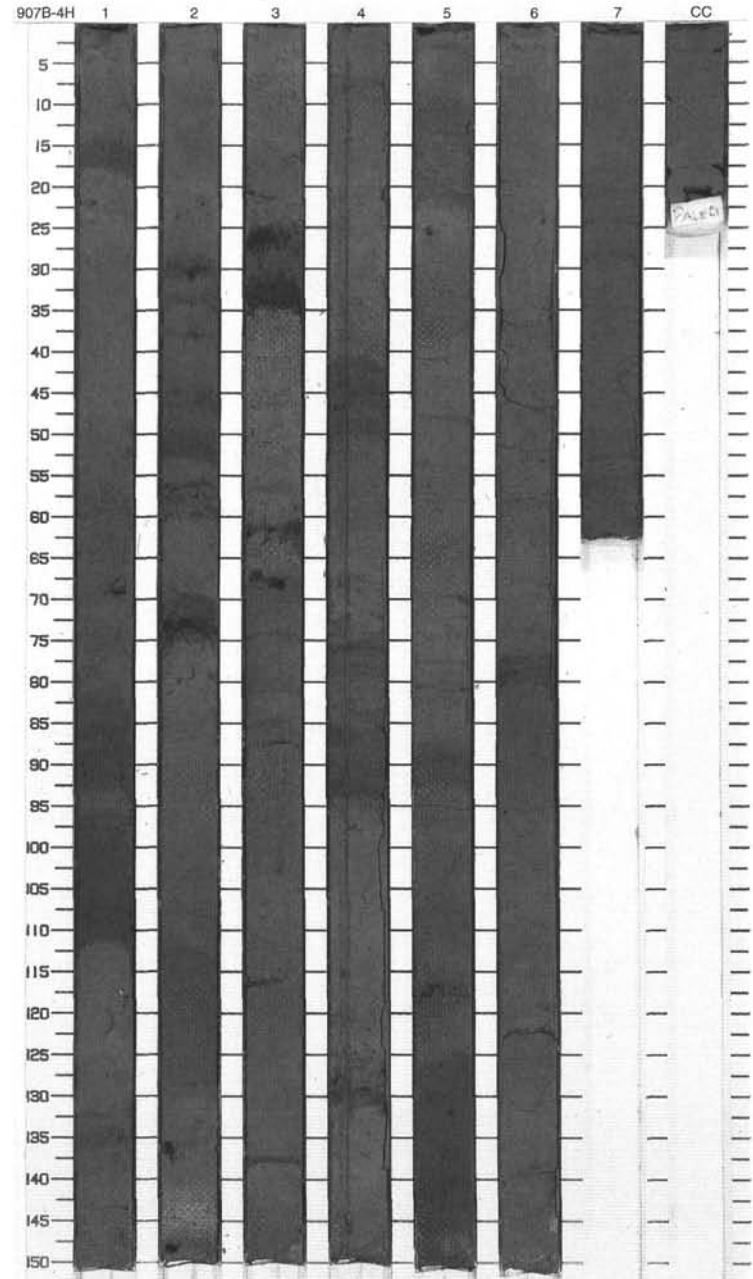
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		} - - - } ◇ } ○		S	10Y 4/1	<p><b>SILTY CLAY</b></p> <p>General Description: This core contains dark greenish gray (10Y 4/1) SILTY CLAY alternating with dark gray (2.5Y 4/2) SILTY CLAY. The sediment is soft and moist, and contains several dropstones. The core has a complicated structure with several gradational contacts between alternating colors, especially within the dark gray sediment. A volcanic ash layer in Section 2, 65-70 cm, has a sharp base and a concretion above. Slight bioturbation occurs throughout. A foraminifer-rich layer occurs in the lower half of Section 1. Section 3 contains foraminifers-rich coarse sediment.</p>
2		2		} ◇ } ○ } -A			2.5Y 4/2 To 10Y 4/1	
3		3		} } ○				
4		3		} } ○		S		
5		4	Pleistocene	} }				
6		4	Pleistocene	} }		I		
7		5	Pleistocene	} } ○ } ○			10Y 4/1	
8		6		} } ◇				
9		7		} }				
		CC				M		



## SITE 907 HOLE B CORE 4H

CORED 21.7 - 31.2 mbsf

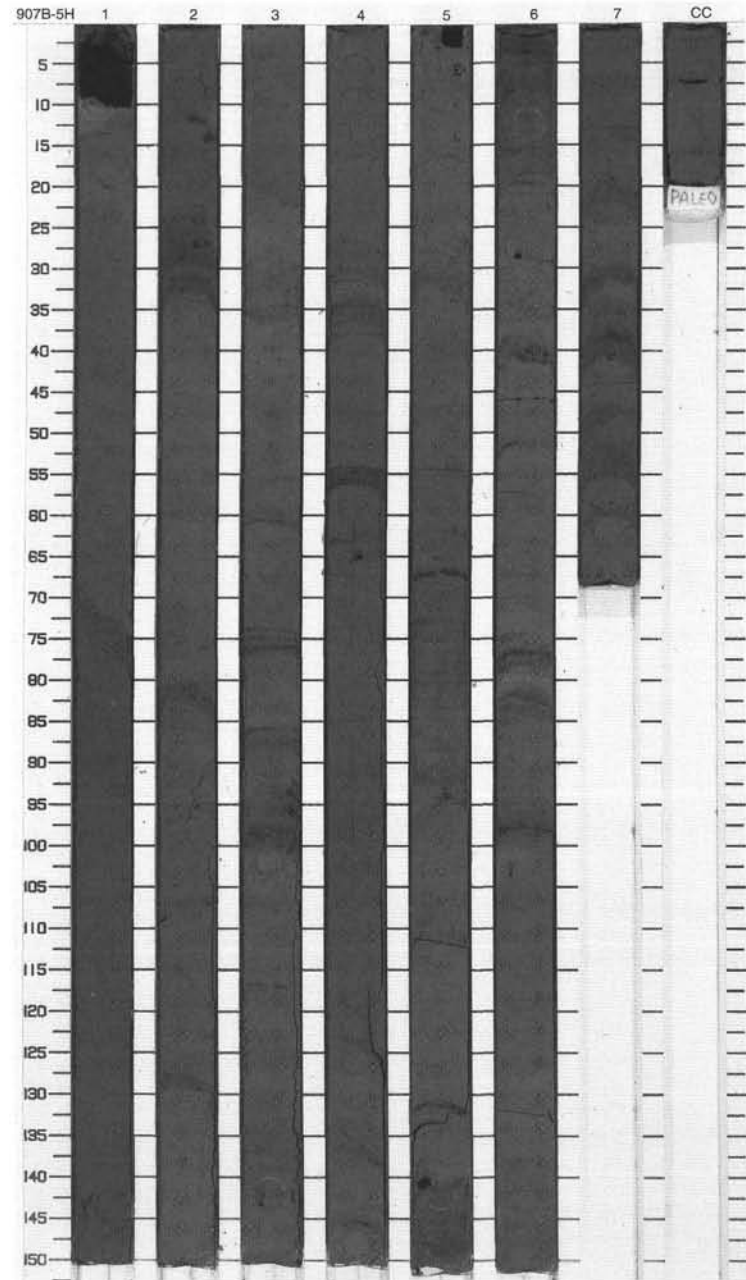
Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1		1	}}			5Y 4/1 To 5Y 5/1	<p>CLAY WITH SILT</p> <p>General Description: This core contains dark gray (5Y 4/1), gray (5Y 5/1), olive gray (5Y 5/2), dark greenish gray (10Y 4/1, 5GY 5/1, and 5GY 4/1), and grayish brown (2.5Y 5/2) CLAY WITH SILT. Ash-rich layers are present in Section 1, 112 cm, and in Section 3, 25-34, 61, 87, 116, and 138 cm. A foraminifer-rich interval is present in Section 4, 20-50 cm. Sediment is soft and homogeneous. Slight bioturbation occurs throughout the entire core. Color change is variable with sharp and gradual contacts. Both thin and thick color bands are dispersed throughout. Subrounded gneiss are present in Section 1, 68-70 cm (2-cm-long) and in Section 2, 137 cm (1-cm-long). A 1.1-cm-long scoria is present in Section 2, 145 cm.</p>
			}}			5Y 5/2	
2		2	}}	-A	S	10Y 4/1	
			}}				
3		3	}}	-A	S	5Y 5/1 To 5Y 5/2	
			}}	-A			
4		3	}}	-A	S		
			}}	-A			
5		4	}}			2.5Y 5/2 To 5Y 4/1	
			}}				
6			}}				
7		5	}}			5GY 4/1 To 2.5Y 5/2	
			}}			10Y 3/1	
8		6	}}			5GY 4/1	
			}}				
9		7	}}		S	5GY 5/1	
					M		



SITE 907 HOLE B CORE 5H

CORED 31.2 - 40.7 mbsf

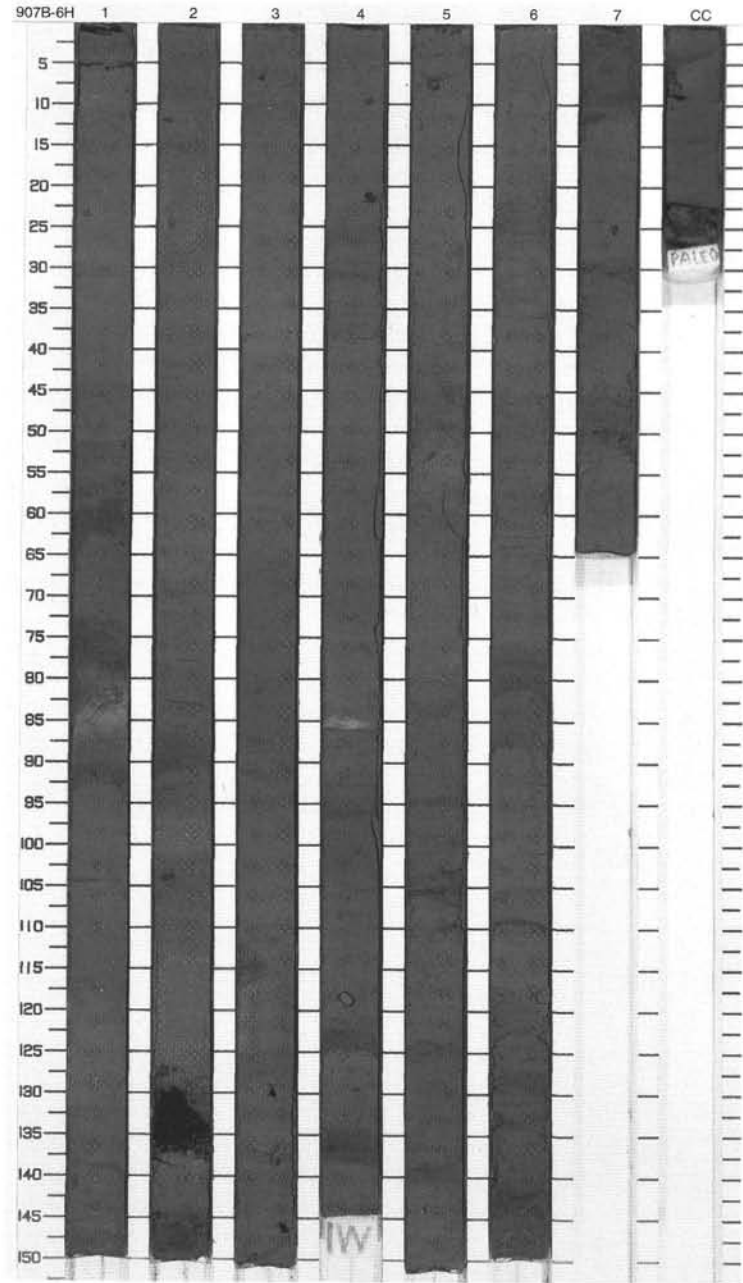
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		-A		S	5GY 4/1	<p>SILTY CLAY</p> <p>General Description:                      This core contains dark greenish gray (5GY 4/1, 5G 4/1, 7.5GY 4/1), dark gray (5Y 4/1), very dark greenish gray (10Y 3/1) SILTY CLAY. A very dark gray (5Y 3/1) VOLCANIC GLASS-rich layer is present in Section 1, 0-10 cm. Siltier intervals are present in Section 5, 70-94 cm and from Section 5, 141 cm to Section 6, 18 cm. Sediment is very firm and colorful. In addition to the layer color changes, there are many small, irregular, and thin color changes. Bioturbation is common and many silt-filled burrows are present. Thin green color bands are common and are siltier than the surrounding sediment. They show sharp lower contact. An angular 1.1-cm-long black basalt is situated in Section 4, 65 cm.</p>
2		2				S	5Y 4/1	
3		3				S	5GY 4/1	
4		3				S	5GY 4/1	
5		4	Pleistocene-Pliocene			S	7.5GY 4/1 To 5G 4/1	
6		4				S	7.5GY 4/1 To 5G 4/1	
7		5		A*		S	7.5GY 4/1 To 5G 4/1	
8		5		A*		S	7.5GY 4/1 To 5G 4/1	
9		6				S	5GY 4/1	
		7				S	5GY 4/1	
		CC				M		



## SITE 907 HOLE B CORE 6H

CORED 40.7 - 50.2 mbsf

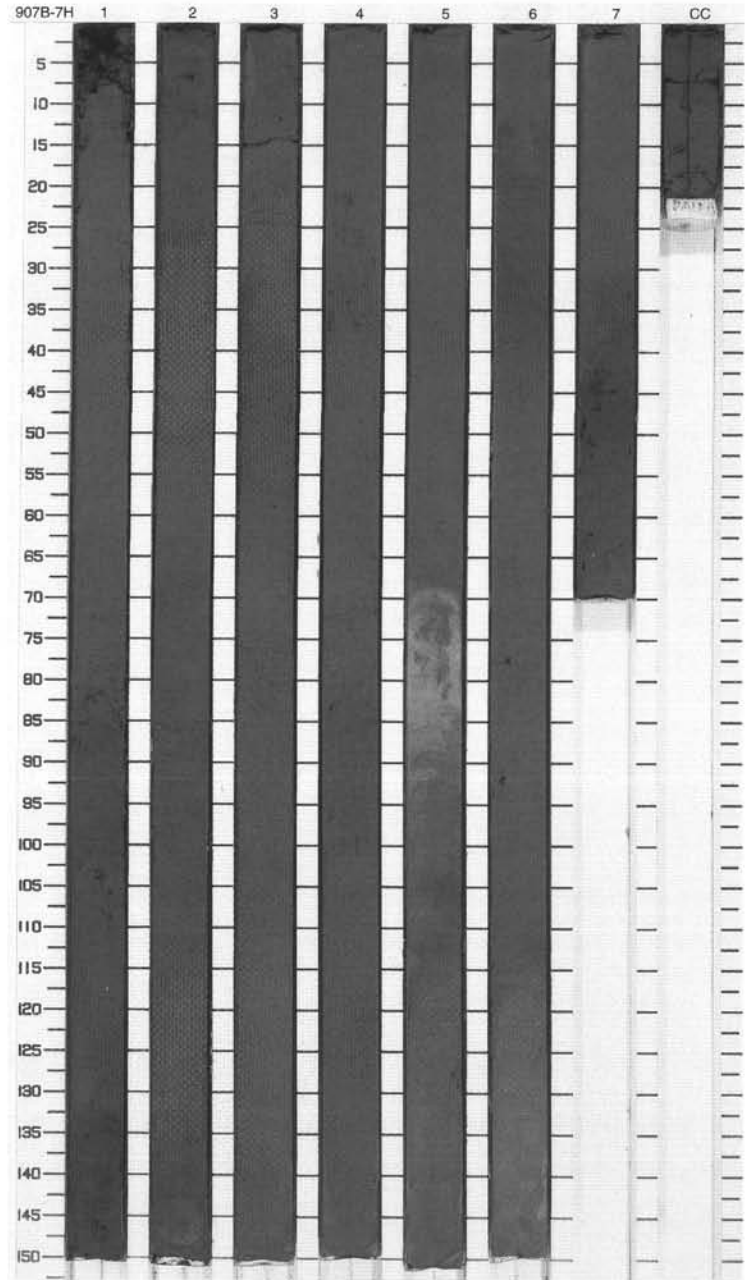
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1				S	5GY 4/1	<p>SILTY CLAY, CALCAREOUS SILT and VOLCANIC ASH</p> <p>General Description: This core contains dark greenish gray (5GY 4/1 to 7.5GY 4/1) SILTY CLAY. A black VOLCANIC ASH-rich layer, indurated at the bottom, is present in Section 2, 130-136 cm. A light ash-rich layer is present in Section 4, 84-85 cm. Sediment is firm, soft with many gradational color changes. Minor grain-size changes occur throughout. Some very thin (&lt; 1-cm) siltier layers occur throughout the entire core. In general, the core seems to get greener and darker toward the base. The lower part of the core contains alternating layers of dark greenish gray (7.5GY 4/1) silty clay and of dark greenish gray (2.5GY 4/1) rough textured sediment which does not appear graded. A hard green layer is present in Section 2, 145-150 cm. A sand and gravel layer is present in Section 7, 40-50 cm. A light slightly indurated well sorted and well rounded detrital carbonate layer overlain by very dark greenish gray (2.5GY 3/1) is present in Section 1, 81-90 cm. A black gray 1.3-cm-long igneous rock is present in Section 4, 21 cm. A 1.8-cm-long Fe-oxides layered siltstone is present in Section 4, 119 cm. A 1.6-cm-long subangular gray igneous rock is situated in Section 5, 7 cm.</p>
2		2				S	7.5GY 4/1	
3		3		-A				
4		3		A*			5GY 4/1	
5		4	Pliocene	A*				
6		4		-A		S		
7		5				I		
8		6				S	5GY 4/1 To 7.5GY 4/1	
9		7						
		CC				M		



SITE 907 HOLE B CORE 7H

CORED 50.2 - 59.7 mbsf

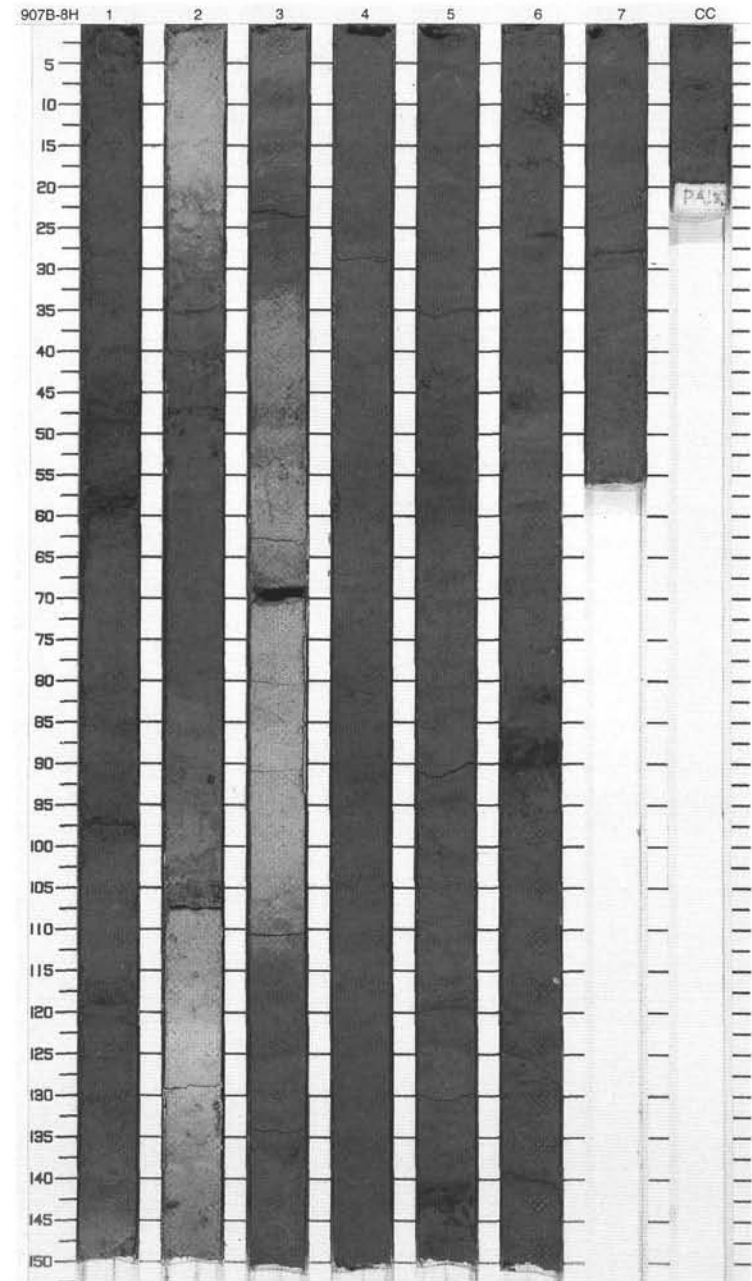
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Hatched pattern]	1			CC			<p>SILTY CLAY</p> <p>General Description: This core contains very dark greenish gray (2.5GY 3/1 to 5GY 3/1), dark greenish gray (10Y 5/1) SILTY CLAY. Sediment is soft and moist. The entire core is soupy to very disturbed by flow-in during coring. Color contacts are highly disturbed.</p>
2	[Hatched pattern]	2				S	5GY 3/1	
3	[Hatched pattern]	3						
4	[Hatched pattern]	4						
5	[Hatched pattern]	4						
6	[Hatched pattern]	4						
7	[Hatched pattern]	5					10Y 5/1	
8	[Hatched pattern]	6					5GY 3/1	
9	[Hatched pattern]	6					5GY 3/1	
	[Hatched pattern]	7					5GY 2/1	
	[Hatched pattern]	CC				M	5GY 3/1	



## SITE 907 HOLE B CORE 8H

CORED 59.7 - 69.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Pliocene	-A		S	10Y 4/1 7.5GY 3/1	SILTY CLAY, SILTY CLAY WITH ASH and NANNOFOSSIL OOZE WITH SPONGE SPICULES  General Description: This firm and colorful core is dominated by dark greenish gray (10Y 4/1) and light greenish gray (5GY 4/1) SILTY CLAY and SILTY CLAY WITH ASH. Although the two dominant lithologies have similar compositions, they have a very different texture on the split surface. The slightly coarser and more ash-rich intervals have a rougher texture. Also present is light greenish gray NANNOFOSSIL OOZE WITH SPONGE SPICULES. Boundaries between the dominant lithologies are gradational. As a minor lithology three ASH layers are present. In Section 2, 40-47 cm and Section 3, 65-70 cm, the ash is clear and unaltered and the boundaries are sharp. In Section 6, 87-92 cm, the ash is light brown, with abundant opaques and some minor clay minerals. The boundaries are gradational and the sediment is hard. Green and minor black and gray color banding are present throughout the core in the non-nannofossil ooze layers. A 1.1-cm-wide, subangular light gray quartzite dropstone is present in Section 2, 105 cm, and a layer of quartzite dropstones, all less than 1 cm in diameter, is present in Section 6, 8-10 cm.
2		2					10Y 6/1 10Y 3/1	
3		3					10Y 6/1 10Y 4/1	
4		3					10Y 6/1 10Y 4/1	
5		4					5GY 4/1	
6		5					10Y 4/1	
7		5					10Y 4/1	
8		6					10Y 4/1	
9		6					5GY 4/1	
		7					5GY 4/1	
		CC				M		

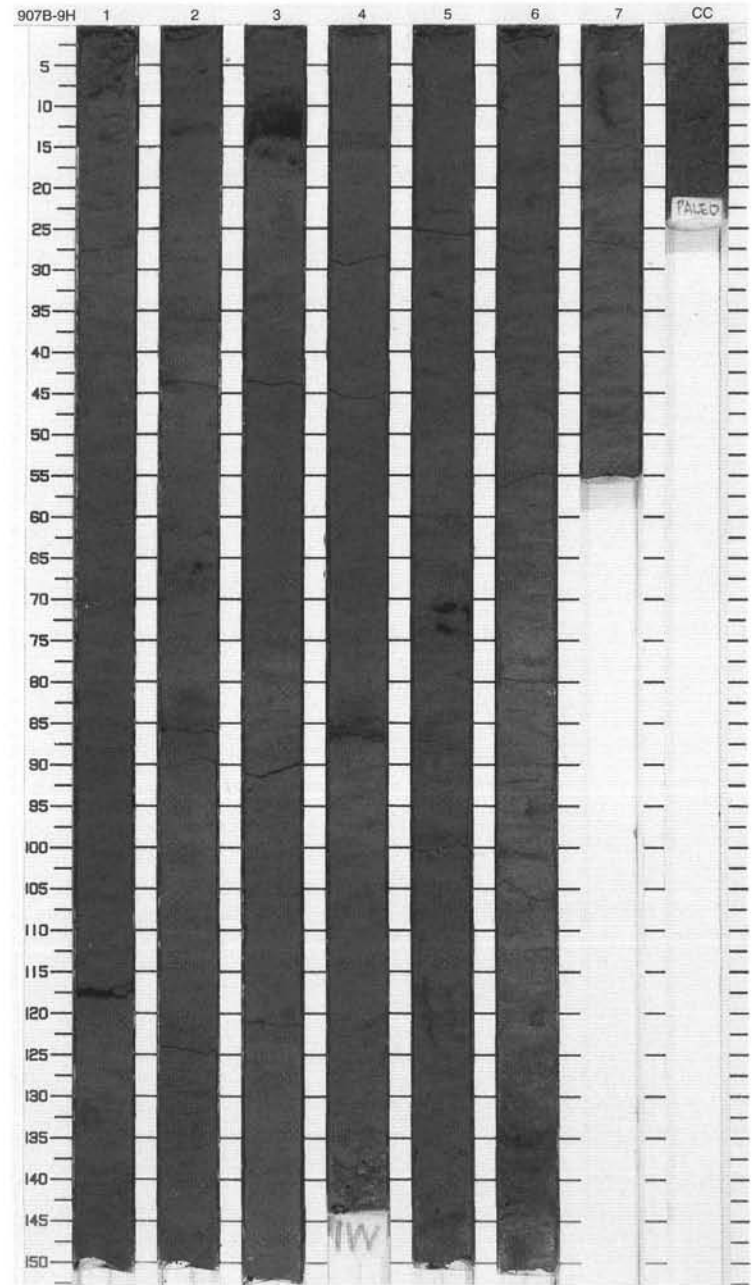




SITE 907 HOLE B CORE 9H

CORED 69.2 - 78.7 mbsf

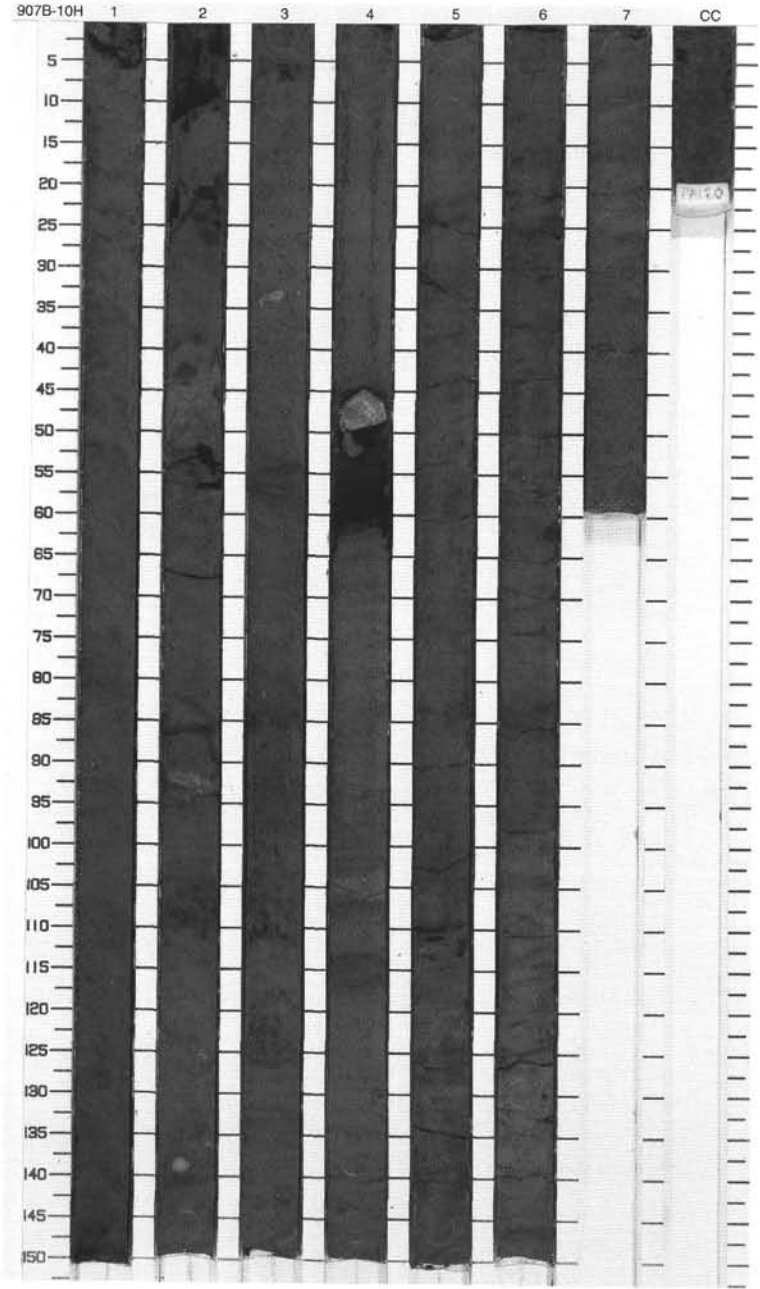
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		A*	○			<p>CLAY and CLAY WITH ASH</p> <p>General Description:                      This core contains dark greenish gray (5GY 4/1) CLAY and dark greenish gray (7.5GY 4/1 and 10Y 4/1) CLAY and CLAY WITH ASH. The sediment is very firm and homogeneous. The core contains several ash layers and ponds (Section 3, 30 cm, Section 4, 84-88, and 9-13 cm, Section 5, 69-72 cm, and Section 6, 15 cm). Most ash layers have a sharp lower and gradual upper contact. Dark greenish color bands are scattered throughout the core with mottled surface. Small dropstone (&lt; 0.5 cm) occurs at Section 5, 138 cm. Color changes are subtle and gradational throughout. Slight bioturbation occurs throughout the core. The core contains small pumice fragments found at Section 1, 72 cm, Section 4, 136 to base, and Section 5, 130 cm. The top 9 cm of the core is soupy.</p>
2		2		A		S		
3		3		A			5GY 4/1	
4		3						
5		4	Pliocene	A		S		
6		4		A*				
7		5		A		S		
8		6		A*			10Y 4/1	
9		7					7.5GY 4/1	
		CC				M		



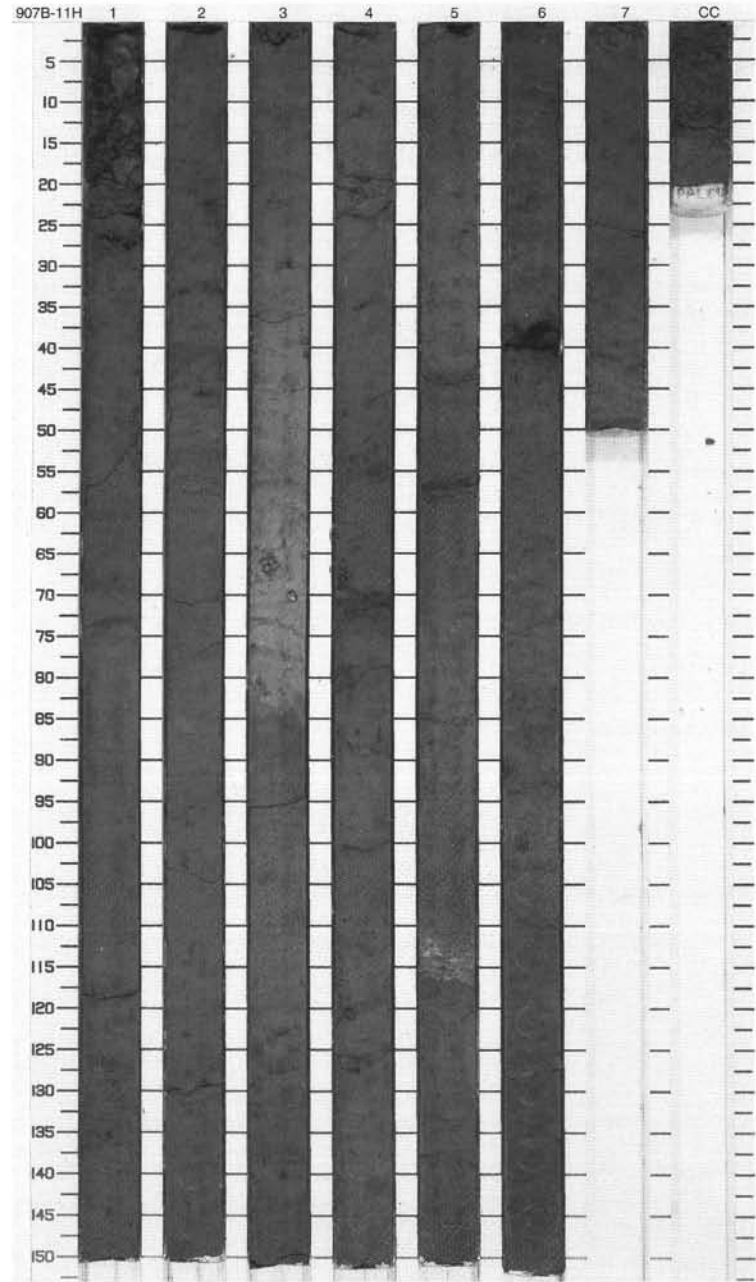
SITE 907 HOLE B CORE 10H

CORED 78.7 - 88.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			-A	S	5GY 4/1	<p>CLAY WITH SILT and CLAY WITH ASH</p> <p>General Description: This core contains dark greenish gray (10Y 4/1 and 5GY 4/1) CLAY WITH SILT alternating with dark greenish gray (10Y 4/1 and 5GY 4/1) CLAY WITH ASH. The sediment is firm and colorful with many gradational color changes. Both thick and thin green color bands occur throughout the core especially from Section 4, 95 cm to the bottom of the core. Green color bands are often harder than the rest of the sediment, especially in Sections 2 to 4. VOLCANIC ASH-rich layers are present in Section 2, 0-11, 38-53, and 91-94 cm, and in Section 4, 50-62 cm. In addition, several thin ash layers occur in Sections 5 to 7. Minor grain-size changes occur throughout. Two black basaltic dropstones (5.1-cm-sized and 4.7-cm-sized) are present in Section 1, 0-5 cm. A 1.8-cm-long quartzite is present in Section 3, 5-6 cm, and two cherts (?) occur in Section 3, 44-52 cm (7.5-cm-sized, 4-cm-sized).</p>
2		2				S	10Y 4/1	
3		3				S	5GY 4/1	
4		4				S	10Y 4/1	
5		4			◇ -A	S	5GY 4/1	
6		5				S	10Y 4/1	
7		5			-A		5GY 4/1	
8		5			-A		10Y 4/1	
9		6			-A	S	5GY 4/1	
		7			-A	M	10Y 4/1	
		CC						



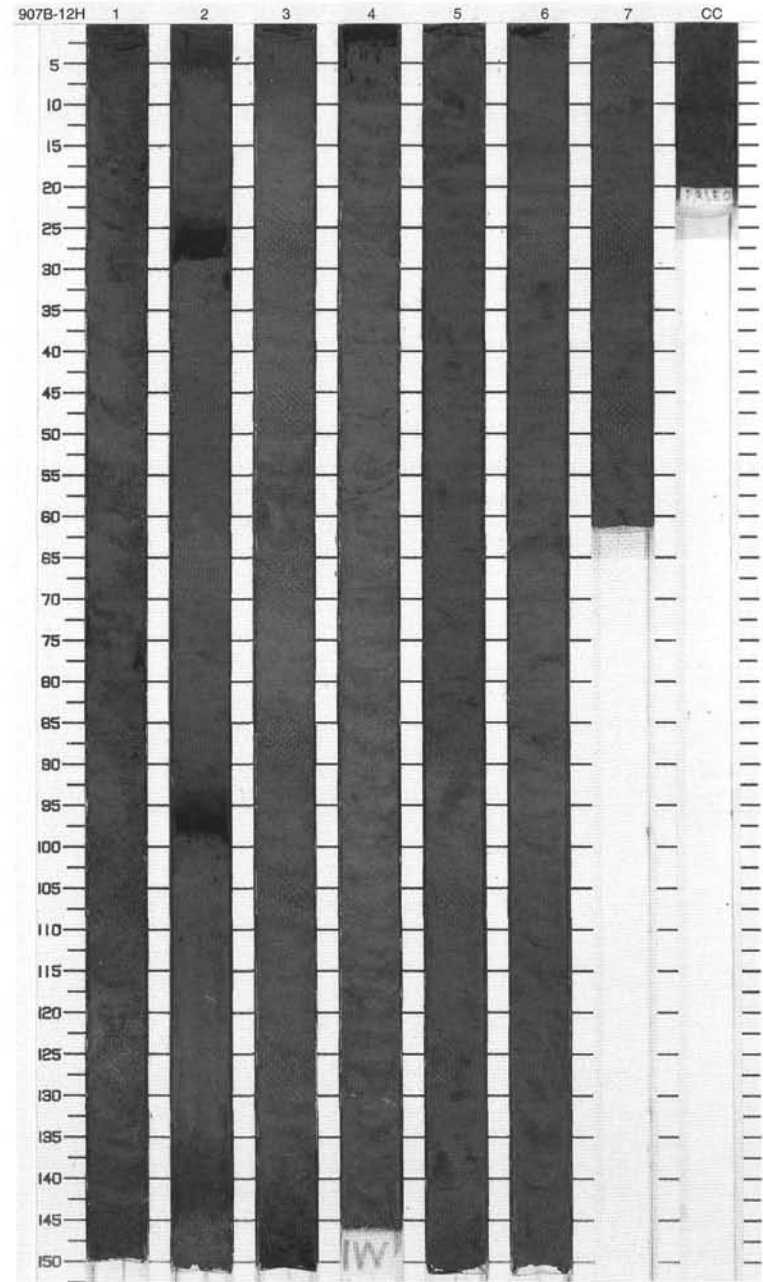
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	Miocene	}	W	S	10Y 4/1	<p>CLAY and CLAY WITH BIOSILICA</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) CLAY interbedded with greenish gray (10Y 5/1) and dark greenish gray (5GY 4/1) CLAY WITH BIOSILICA. The sediment is firm throughout the core. All color boundaries are gradational. Brown and green color bands occur throughout, as faint series of fine bands, and as bold single bands. Ash layers and concretions occur together in Sections 3 and 6.</p>
2							5GY 4/1	
3							10Y 4/1	
4							10Y 5/1	
5							10Y 4/1	
6							10Y 4/1	
7							10Y 4/1	
8	[Dotted pattern]	6	Miocene	}	I	S	10Y 4/1	
9							10Y 4/1	
CC								



SITE 907 HOLE B CORE 12H

CORED 97.7 - 107.2 mbsf

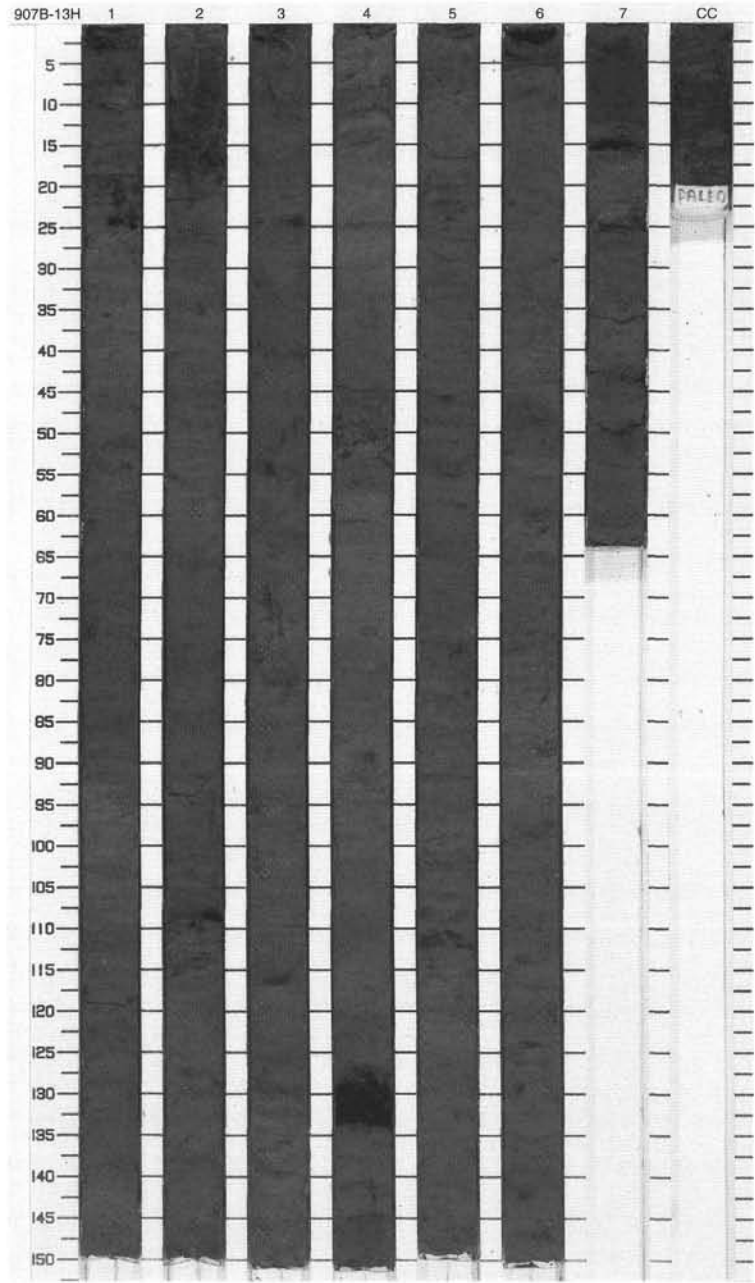
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	Miocene	A*	S	S	5GY 3/1 To 5GY 4/1	CLAYEY MIXED SEDIMENT WITH SPICULES and CLAY  General Description: This core contains dark greenish gray (5GY 3/1 to 5GY 4/1) CLAYEY MIXED SEDIMENT WITH SPICULES and dark greenish gray (3GY 4/1) CLAY. The sediment is very firm and homogeneous and contains several blackish ash layers and ponds at Section 1, 144 to Section 2, 5 cm, Section 2, 24-28, 93-97, and 135-144 cm, Section 3, 141 to Section 4, 3 cm and 55-63 cm. Color change is very gradational and subtle throughout. Dark greenish color bands occur throughout. Slight bioturbation occurs throughout the core.
2		-A						
3		-A						
4		A*						
5		IW						
6		A*						
7		-A						
8	6	A*	5GY 4/1					
9	7			M				
		CC						



SITE 907 HOLE B CORE 13H

CORED 107.2 - 116.7 mbsf

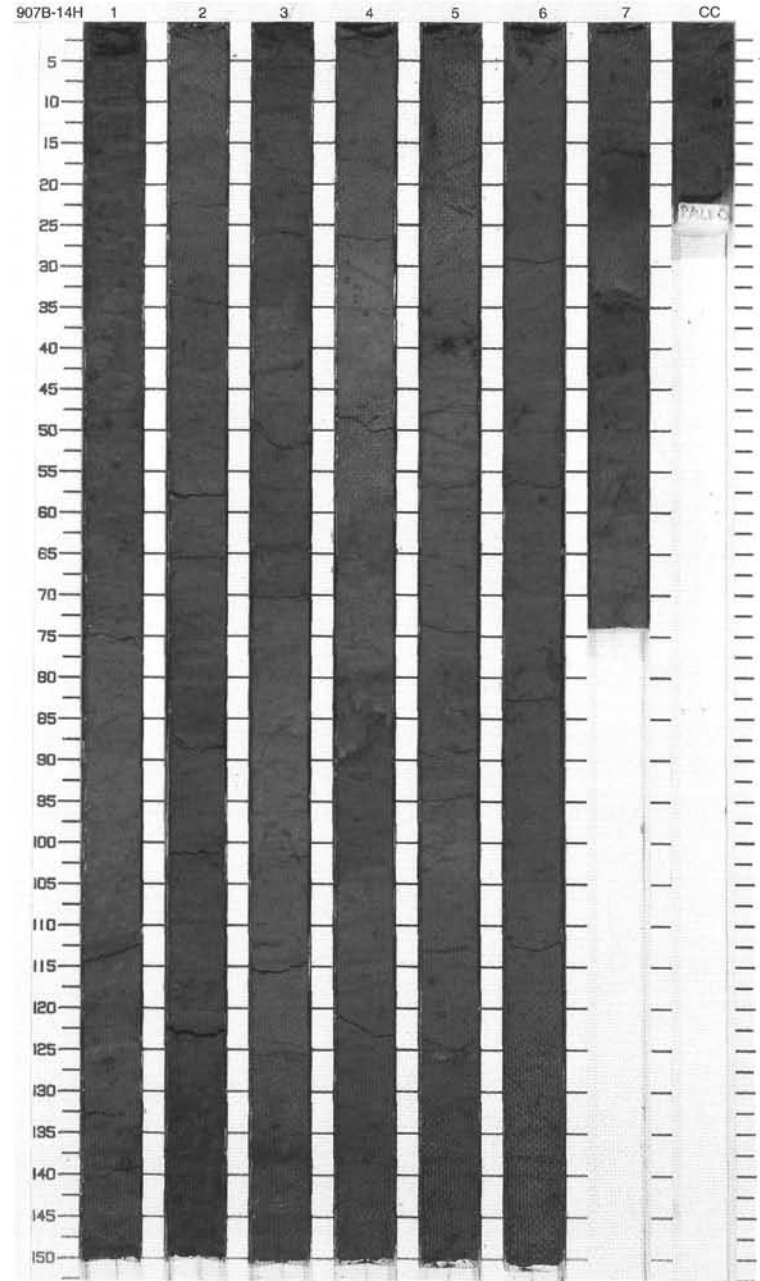
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~A			5GY 4/1	<p>CLAY, CLAY WITH ASH and CLAY WITH SILT</p> <p>General Description:                      This core contains dark greenish gray (10Y 4/1 and 5GY 4/1) CLAY alternating with very dark greenish gray (10Y 3/1) CLAY WITH SILT and very dark greenish gray (5GY 3/1) CLAY WITH ASH. The sediment is firm and has many gradational color changes. Both thick and thin green color bands occur throughout the core and are often harder than the rest of the sediment. VOLCANIC ASH-rich layers are present in Section 1, 19-25 cm, in Section 2, 3-20, and 107-109 cm, in Section 4, 47-52, and 127-133 cm, in Section 5, 20-22, and 111-112 cm, from Section 5, 148 cm to Section 6, 5 cm, and in Section 7, 0-12, and 45-47 cm. In addition, both several thin ash layers and ash pods occur throughout the rest of the core.</p>
2	[Dotted pattern]	2		~A	o	S	10Y 4/1	
3	[Dotted pattern]	3		~A			10Y 3/1	
4	[Dotted pattern]	3		~A			10Y 4/1	
5	[Dotted pattern]	4	Miocene	~A			5GY 4/1	
6	[Dotted pattern]	5		~A		S	10Y 3/1	
7	[Dotted pattern]	5		~A		S	5GY 3/1	
8	[Dotted pattern]	6		~A			5GY 4/1	
9	[Dotted pattern]	7		~A			5GY 3/1	
		CC				M		



## SITE 907 HOLE B CORE 14H

CORED 116.7 - 126.2 mbsf

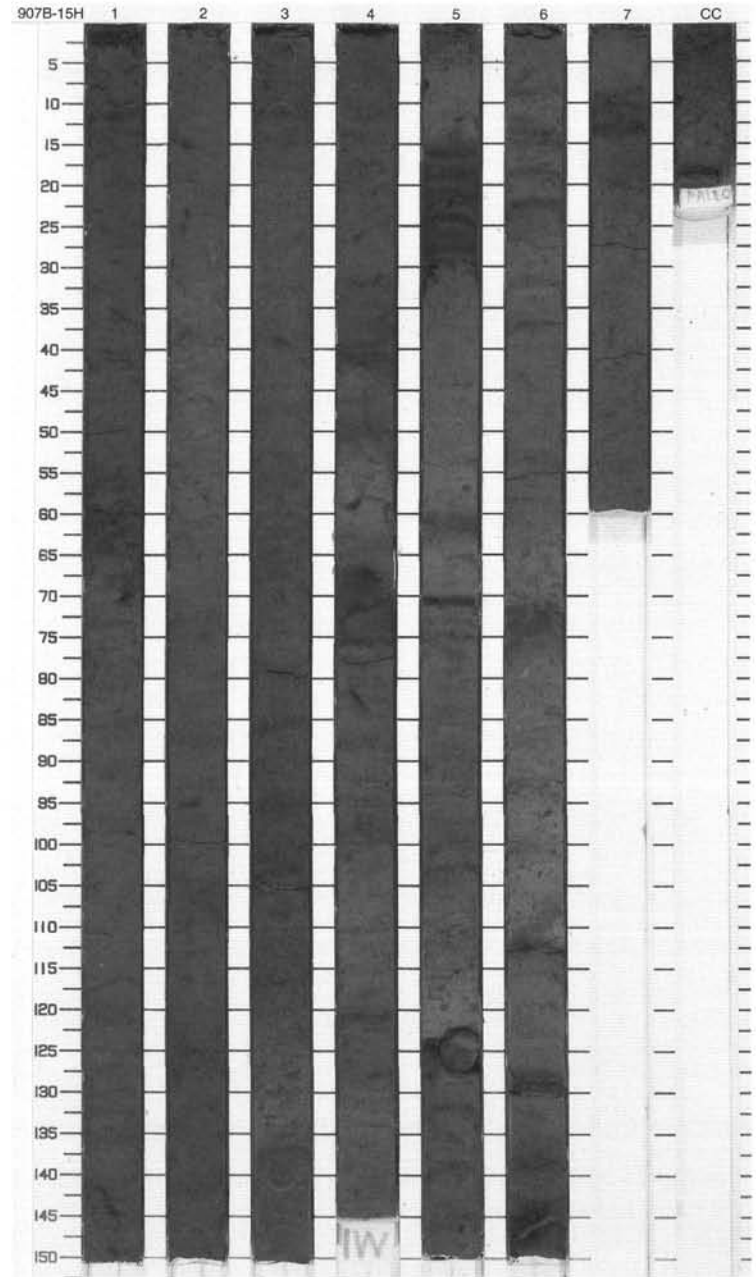
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1					10Y 3/1	CLAY and CLAY WITH SILT  General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT and dark greenish gray (10Y 4/1) CLAY. Gray (5Y 5/1) PYRITIC ASH intervals are present in Section 4, 80-90 cm, in Section 6, 127 cm and in Section 7, 15-31 cm. Sediment is firm, colorful and moderately bioturbated throughout. Green and gray color bands and color mottles occur throughout. These green bands and mottles contains CLAY WITH SILT. Color changes are gradational except for the ash-rich layers. The biosilica content of the dark greenish gray (10Y 3/1) intervals reaches 13%.
2		2				10Y 4/1		
3		3				10Y 3/1		
4		3				10Y 4/1		
5		4				10Y 3/1		
6		4				10Y 4/1		
7		4				10Y 3/1		
8		5				10Y 4/1		
9		6				10Y 4/1		
		6				10Y 4/1		
		7				5Y 5/1		
		7				10Y 3/1		
		CC				M		



SITE 907 HOLE B CORE 15H

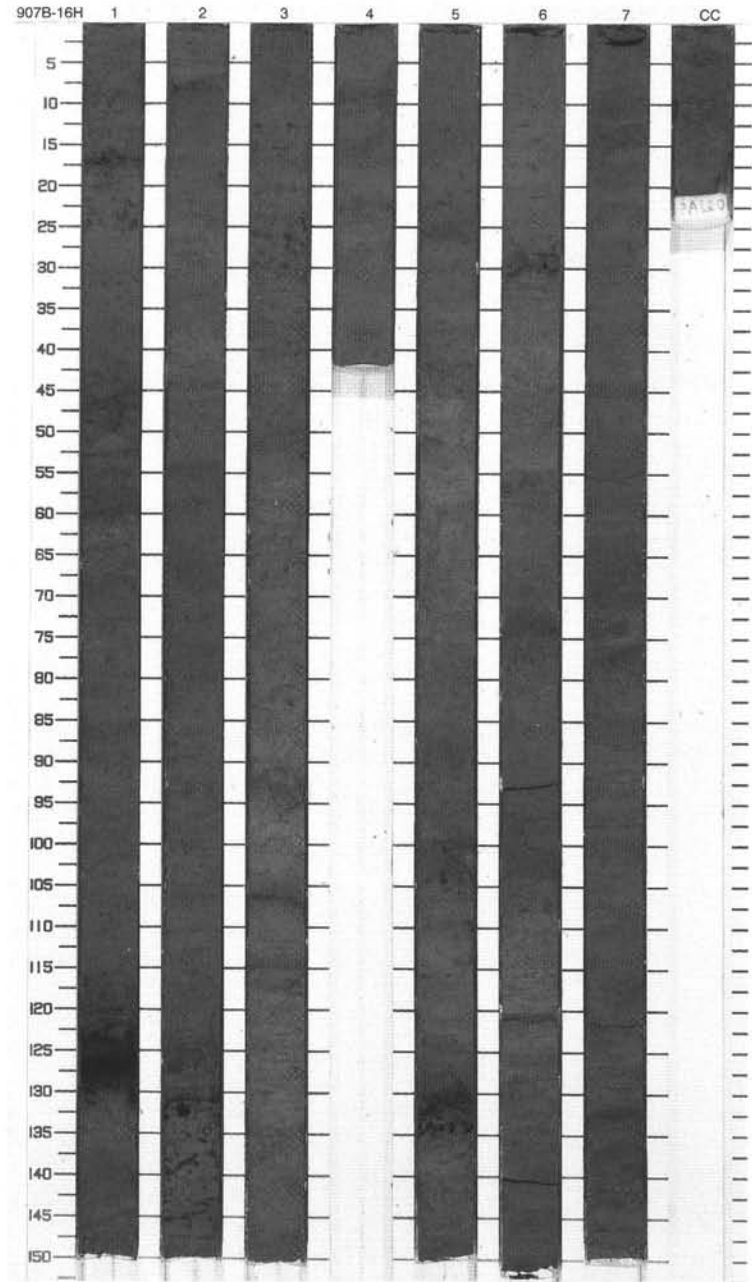
CORED 126.2 - 135.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		[Symbol]		S	10Y 3/1	<p>CLAY and CLAY WITH ASHY SILT</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) CLAY interbedded with very dark greenish gray (10Y 3/1) CLAY WITH ASHY SILT. ASHY CLAY layers are present in Section 1, 58-64 cm and in Section 6, 140-145 cm. VOLCANIC ASH layers are present in Section 4, 61-74 cm and are interbedded with silty clay in Section 5, 0-30 cm. Sediment is firm, colorful, and moderately bioturbated throughout the entire core. Green and gray color bands and color mottles occur in all sections. A pyrite concretion is present in Section 6, 146-147. A 5-cm-long siltstone occurs in Section 5, 122-127 cm.</p>
2	[Pattern]	2		[Symbol]				
3	[Pattern]	3		[Symbol]				
4	[Pattern]	3		[Symbol]			10Y 4/1	
5	[Pattern]	4	Miocene	[Symbol]		S		
6	[Pattern]	6		[Symbol]		I	10Y 5/1	
7	[Pattern]	5		[Symbol]		S		
8	[Pattern]	6		[Symbol]			10Y 4/1	
9	[Pattern]	7		[Symbol]		S	10Y 3/1	
	CC					M		



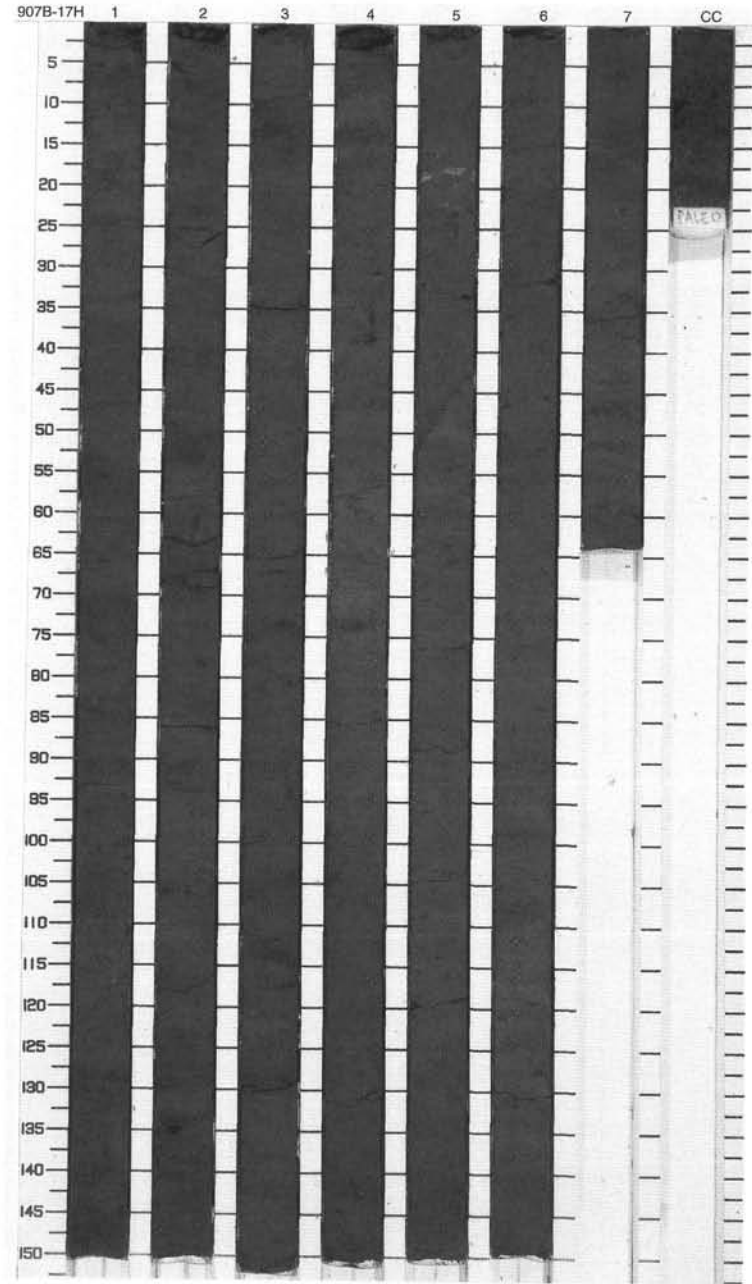
SITE 907 HOLE B CORE 16H  
CORED 135.7 - 145.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		A*			10Y 3/1	<p>CLAY and CLAY WITH SILT</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT alternating with dark greenish gray (10Y 4/1) CLAY. ASH-rich layers are present in Section 1, 122-130 cm and in Section 5, 85-92 cm. Disseminated ashes are present in Section 1, 40-60 cm, in Section 2, 5-6 and 123-130 cm, in Section 5, 130-135 cm, in Section 6, 70-74 cm and in Section 7, 68-72 cm. Sediment is firm and colorful. Moderate bioturbation occurs throughout. Series of green and gray color bands and color mottles are dispersed throughout the entire core. Green layers seem to contain more silt. Siltstones are present in Section 3, 92 cm and Section 6, 30 cm.</p>
2	[Pattern]	2		A			N2	
3	[Pattern]	3		A*		S	10Y 4/1	
4	[Pattern]	3		A			10Y 3/1	
5	[Pattern]	4	Miocene			S	10Y 3/1	
6	[Pattern]	5		A			N2	
7	[Pattern]	6		A			10Y 4/1	
8	[Pattern]	7		A			10Y 3/1	
9	[Pattern]	7		A			10Y 3/1	
CC	[Pattern]	CC				M		





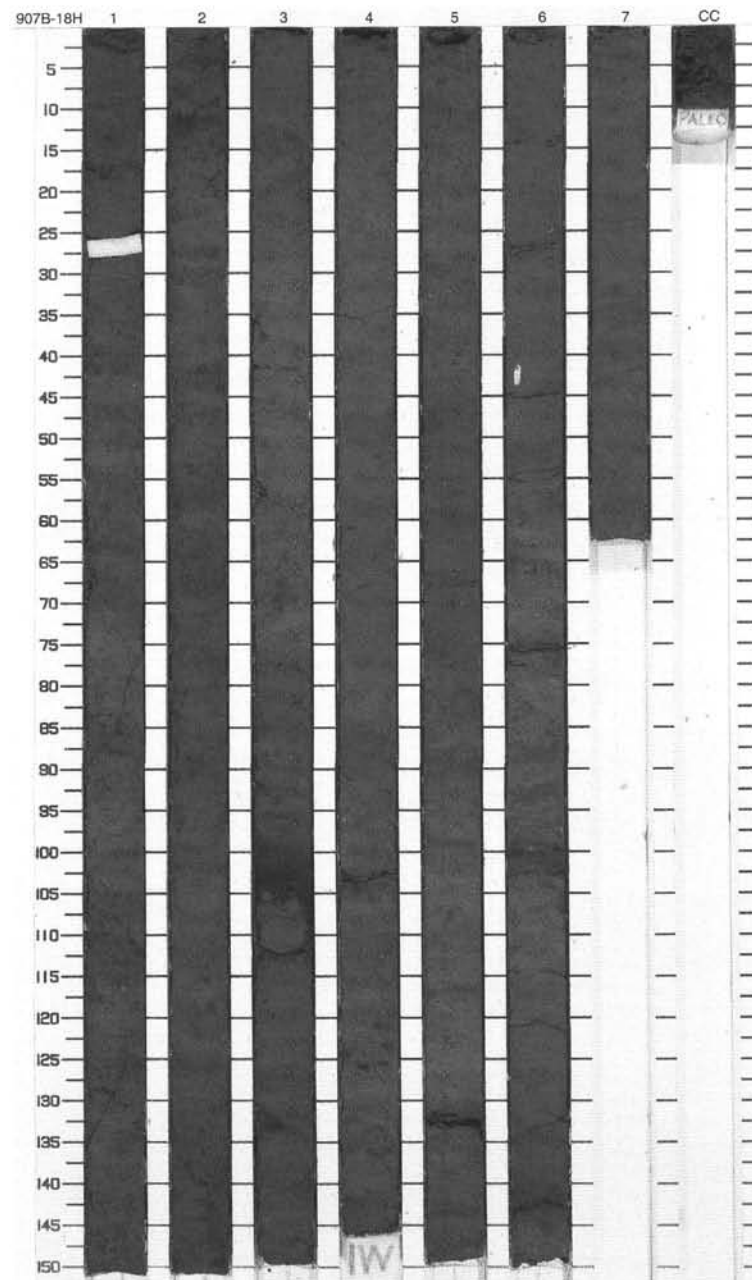
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene			S	10Y 3/1 To 10Y 4/1	<p>CLAY WITH SILT</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1) and dark greenish gray (10Y 4/1 to 5GY 4/1) CLAY WITH SILT. The sediment is firm, moderately bioturbated, and colorful. Green color bands and mottles occur throughout the entire core. Band thickness varies from 1 to 5 cm. Disseminated ashes are dispersed in all sections but do not form distinct layers. Color changes are gradational. Biosilica content of the dark greenish gray (10Y 4/1) intervals is over 15%.</p>
2		10Y 3/1						
3		10Y 4/1						
4								
5								
6								
7								
8								
9								
		CC				M		



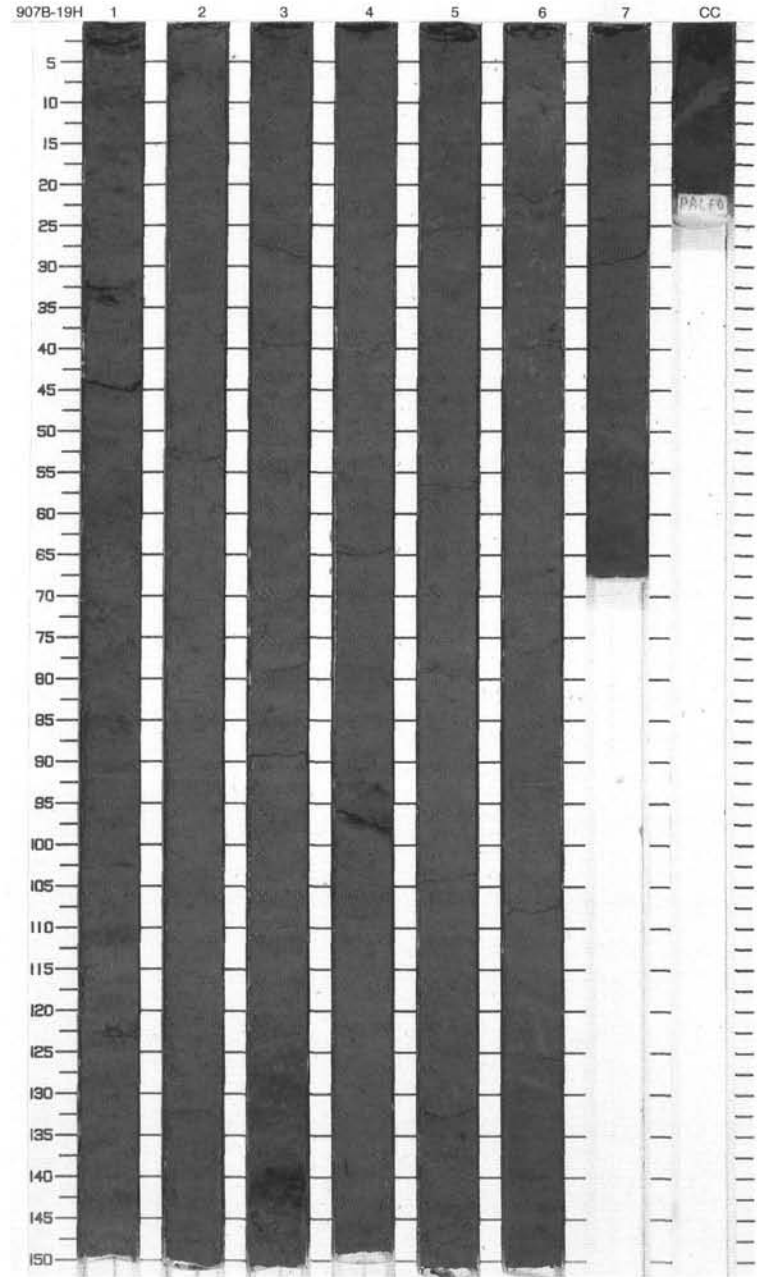
## SITE 907 HOLE B CORE 18H

CORED 154.7 - 164.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		~		S	5GY 3/1	<p>CLAY WITH SILT and CLAY WITH ASHY SILT</p> <p>General Description: This core contains very dark greenish gray (5GY 3/1) CLAY WITH ASHY SILT and dark greenish gray (5GY 4/1) CLAY WITH SILT. A dark grayish brown (5Y 4/2) CLAY WITH SILT, with a burrowed lower contact (Chondrites burrows?) and a graded upper contact, is present in Section 3, 98–105 cm. Clay with silt and clay with ashy silt include approximately 15% biosilica, except in the dark brownish interval. There is a small void in Section 1, 26–28 cm. Sediment is firm and colorful. Moderate bioturbation, green color bands and mottles occur throughout the entire core. Small spots of disseminated ash are scattered throughout the core. A 7-cm-long vertical filled burrow is present in Section 3, 66–73 cm.</p>
2		2		~		S	5GY 3/1	
3		3		~		S	5GY 4/1	
4		3		~		S	5GY 3/1	
5		4	Miocene	~		IW		
6		4		~		IW		
7		5		~		S	5GY 4/1	
8		6		~		S	5GY 4/1	
9		7		~		S	5GY 4/1	
		CC				M		



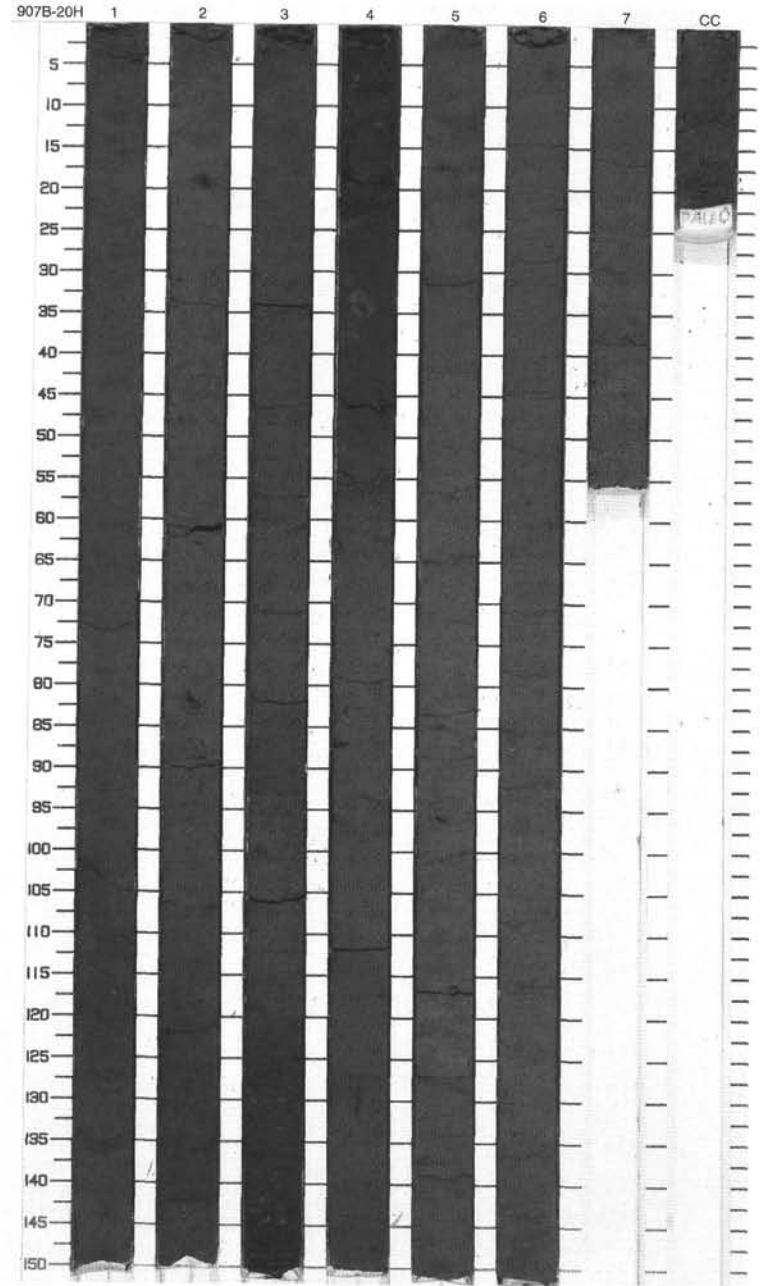
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene	P		S	7.5GY 4/1 To 10Y 4/1	CLAY WITH SILT  General Description: This core contains very dark greenish gray (10Y 3/1), dark greenish gray (10Y 4/1 and 7.5GY 4/1) CLAY WITH SILT. Clay with silt includes approximately one 3% biosiliceous component. Sediment is very firm, with multiple color changes in greenish yellow, green, and gray lines. Bioturbation is present throughout, contributing to the mottled appearance. A 1.7-cm-long pyrite nodule with an area of disseminated pyrite around it, is present in Section 3, 139-140. A 1.1-cm-long pyrite nodule is present in Section 1, 121-12 and a 1-cm-thick sulfide layer occurs in Section 4, 100 cm. The upper portion of Section 1 is slightly disturbed.
2		2						
3		3						
4		4						
5		5						
6		6						
7		7						
8		CC				M	5Y 3/1	



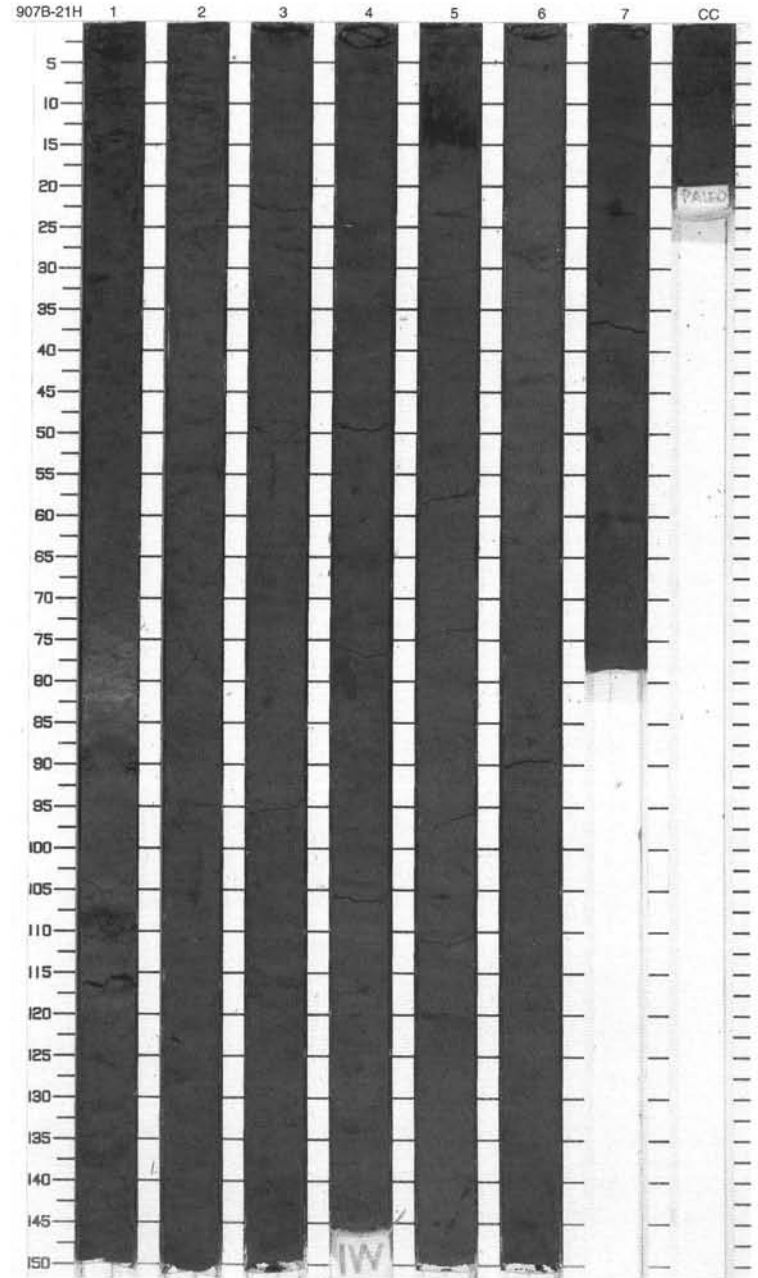
SITE 907 HOLE B CORE 20H

CORED 173.7 - 183.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	Miocene	[Wavy line]			5Y 3/1	<p>CLAY WITH SILT AND SPICULES and CLAY WITH SILT</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1), dark greenish gray (5GY 4/1), and very dark gray (5Y 3/1) CLAY WITH SILT AND SPICULES and dark grayish brown (2.5Y 4/2) CLAY WITH SILT. The sediment is firm and colorful. Green color mottles occur in Sections 1-3. Green, gray, and thin color bands occur in Sections 4-7. Slight to moderate bioturbation occurs throughout the entire core except for the dark grayish brown intervals which are highly color mottled.</p>
2	[Dotted pattern]	2		[Wavy line]	(P)	S	10Y 3/1	
3	[Dotted pattern]	3		[Wavy line]	(P)	S	5Y 3/1 To 10Y 3/1	
4	[Dotted pattern]	4		[Wavy line]	(P)	S	2.5Y 4/2	
5	[Dotted pattern]	5		[Wavy line]	(P)	S	10Y 3/1	
6	[Dotted pattern]	6		[Wavy line]	(P)	S	5GY 4/1	
7	[Dotted pattern]	7		[Wavy line]	(P)	S	5GY 4/1	
CC						M		



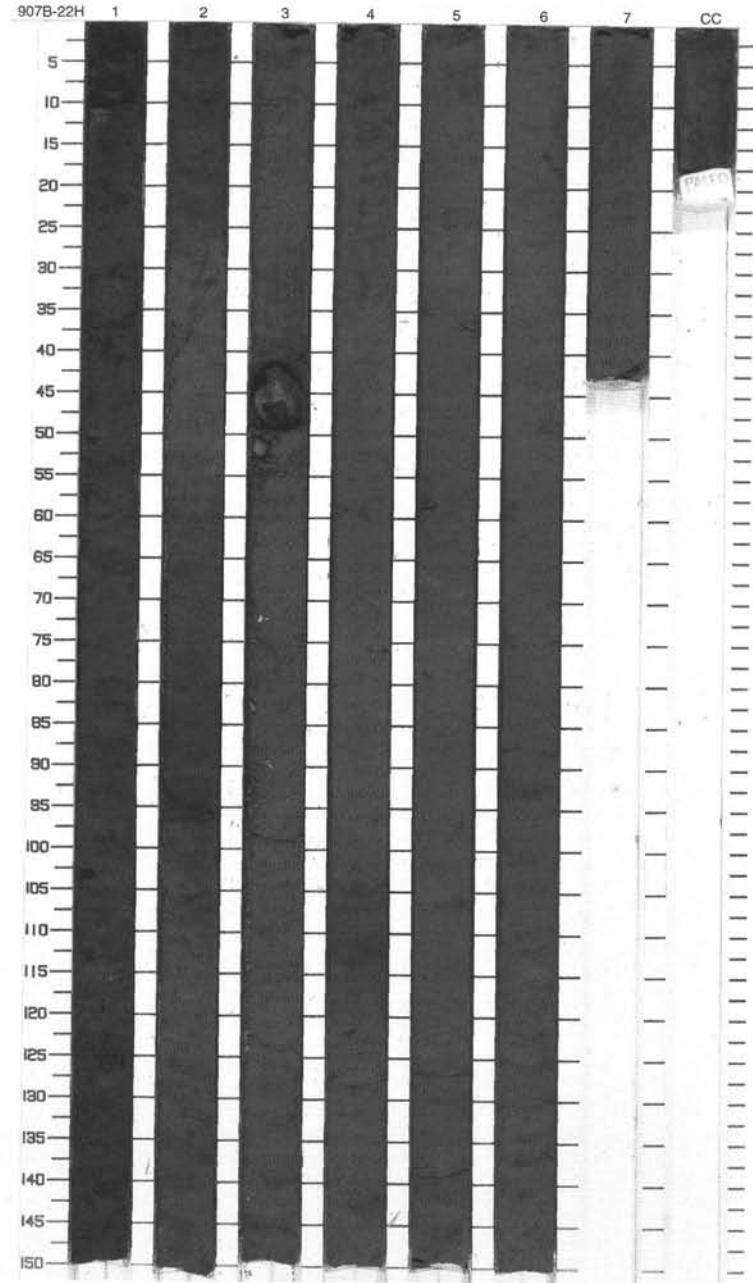
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		III III	WW			<p>CLAY WITH SILT AND ASH</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT AND ASH. The sediment is very firm. Section 1, 0-70 cm contains colorful green color bands with several hard layers and ash layer, Section 1, 80-90 cm. Ash is clear with minor alteration. The layer is gray with some pyrite at its base, overlain by green and very light gray color. The rest of the core contains many gray to black pyritized burrows and mottles. A 2-cm-long pyrite nodule is present in Section 7, 21-23 cm. A pyrite layer with small nodules inside is situated in Section 5, 12-15 cm.</p>
2		2		(P)		S		
3		3						
4		4	Miocene					
5		5					10Y 3/1	
6		6		P		I		
7		7		(P)				
8		8						
9		9						
10		10				M		



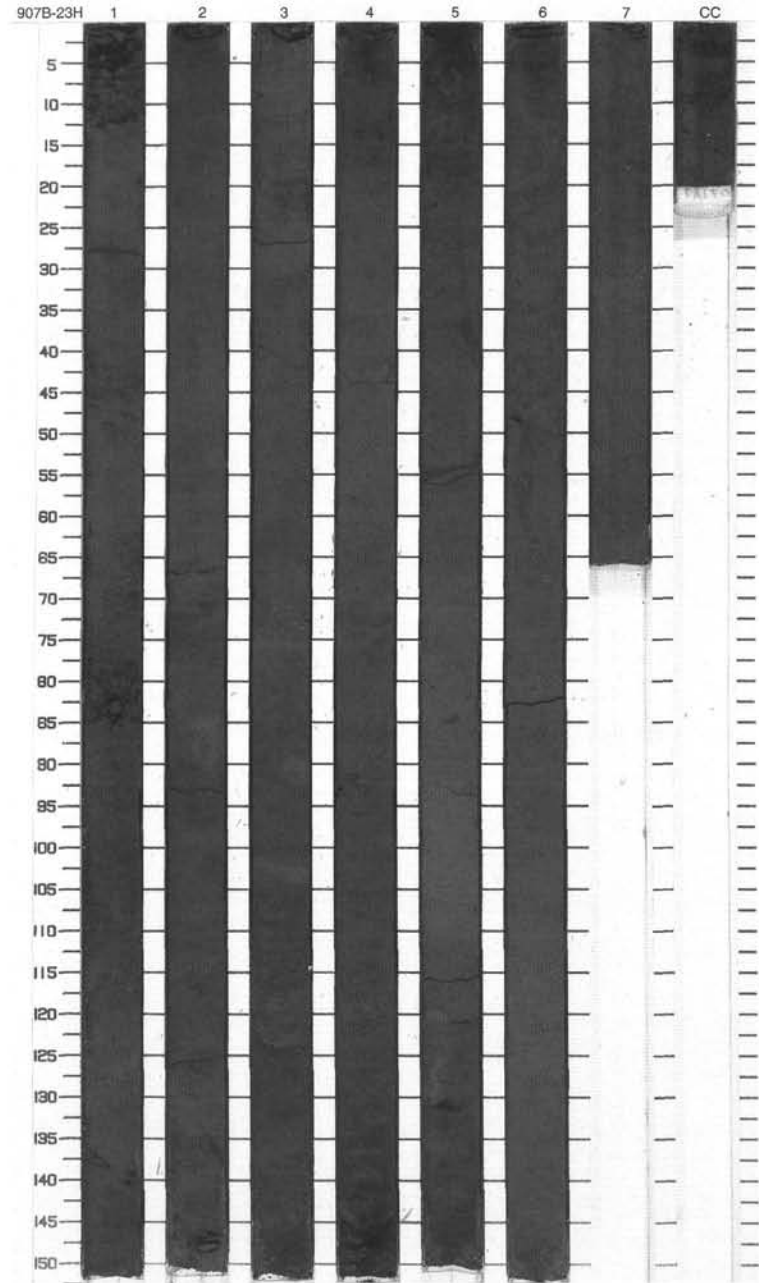
SITE 907 HOLE B CORE 22H

CORED 192.7 - 202.2 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	} P				<p>CLAY WITH SILT and SILTY CLAY WITH SAND</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT and SILTY CLAY WITH SAND. Sediment is firm throughout. Most of the core contains CLAY WITH SILT, with a few interbedded layers of SILTY CLAY WITH SAND. The SILTY CLAY WITH SAND appears coarser on the surface. Color bands and color mottling occur throughout. Pyrite occurs as nodules and disseminated in all sections. A 5-cm pyrite nodule occurs in Section 3, 40-45 cm.</p>
	[Dotted pattern]		} P				
	[Dotted pattern]		} (P)				
	[Dotted pattern]		} (P)				
2	[Dotted pattern]	2	} P				
	[Dotted pattern]		} P				
	[Dotted pattern]		} P				
3	[Dotted pattern]	3	} P				
	[Dotted pattern]		} (P)				
	[Dotted pattern]		} (P)				
4	[Dotted pattern]	4	} P				
	[Dotted pattern]		} P				
5	[Dotted pattern]	5	} P				
	[Dotted pattern]		} (P)				
6	[Dotted pattern]	6	} P				
	[Dotted pattern]		} P				
7	[Dotted pattern]	7	} P				
8	[Dotted pattern]	8					
9	[Dotted pattern]	9					
	[Dotted pattern]	CC					



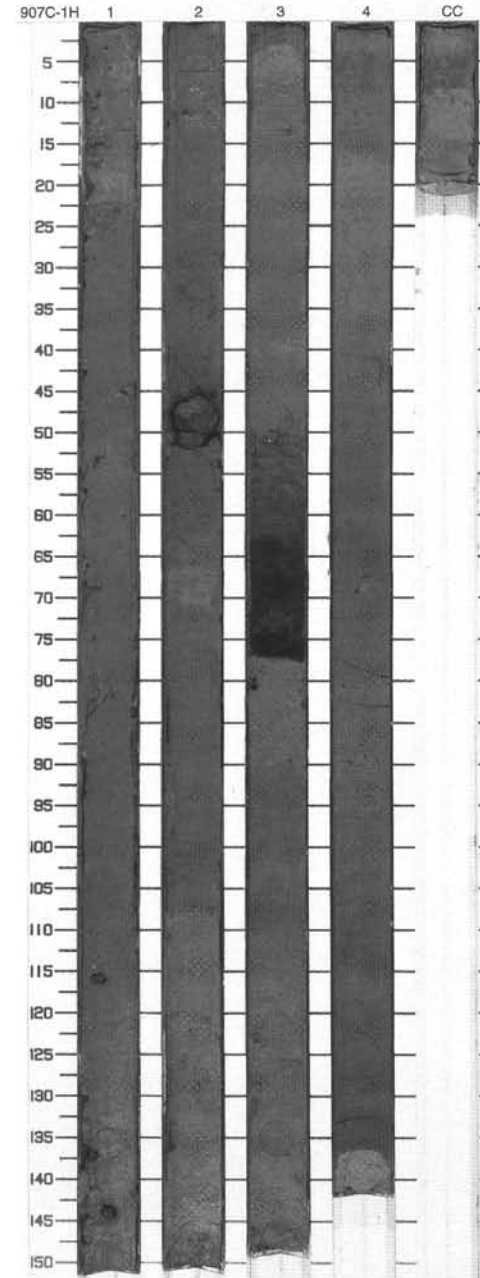
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		-A (P)	w	S	5Y 3/1	CLAY, CLAY WITH SILT and CLAY WITH ASH
2		2				S	10Y 3/1	General Description: This core contains very dark greenish gray (10Y 3/1) CLAY alternating with very dark greenish gray and very dark gray (10Y 3/1 and 5Y 3/1) CLAY WITH SILT and dark gray (5Y 4/1) CLAY WITH ASH. The sediment is very firm and several hard layers are present. Section 1, 82-84 cm contains a pyrite concretion, and a pyritized burrow is present in Section 2, 144-145 cm. A volcanic ash layer occurs in Section 1, 27-28 cm. The rest of the core contains many gray to black pyritized burrows and mottles. In addition, mm-sized burrows filled with light sediment are present in several sections. The uppermost 12 cm of the core is very disturbed due to drilling.
3		3		(P)		S	5Y 3/1	
4		3		>>>		S	10Y 3/1	
5		4		Miocene		S	5Y 3/1	
6		5		>>>		S	10Y 3/1	
7		5		>>>		S	5Y 4/1	
8		6		>>>		S	5Y 3/1	
9		6				S	10Y 3/1	
		7				M		
		CC						



## SITE 907 HOLE C CORE 1H

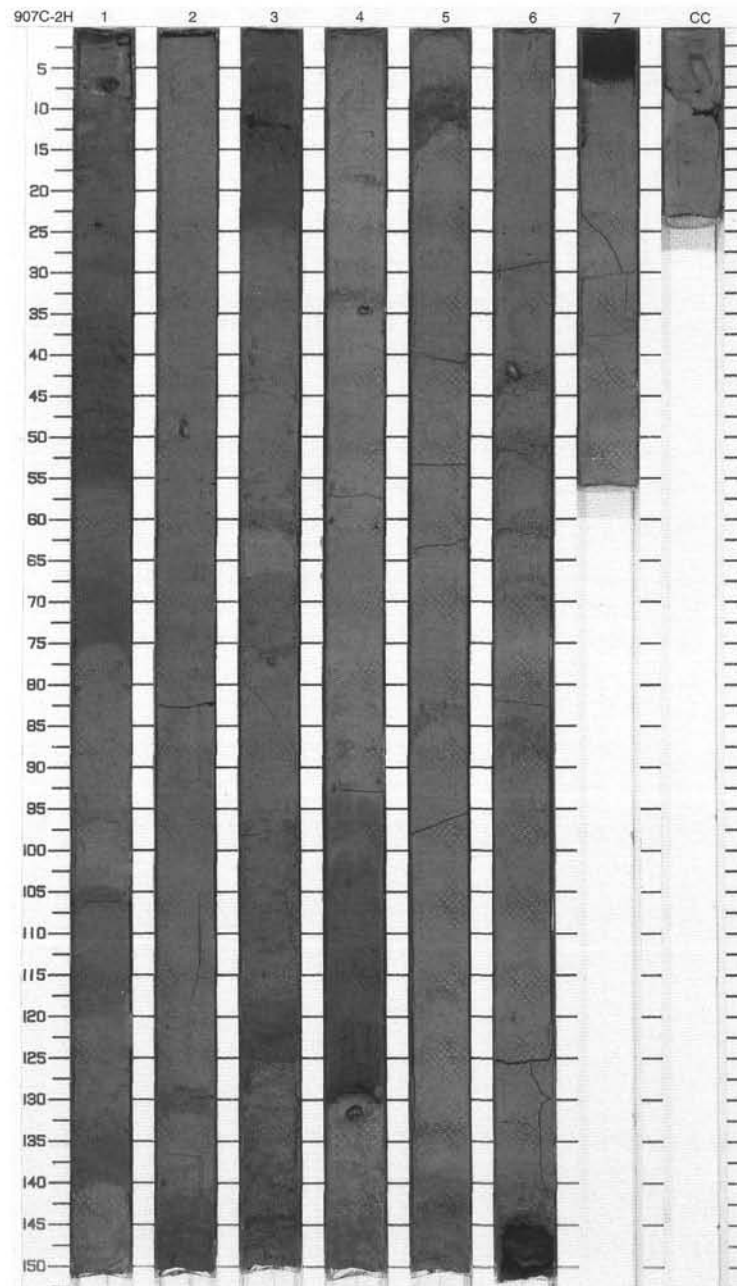
CORED 0.0 - 6.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Pleistocene	~		S	2.5Y 4/4	SILTY CLAY AND CLAY WITH SILT, NANNOFOSSIL OOZE WITH CLAY and SILTY CLAY WITH FORAMINIFERS
2		2		~		S	2.5Y 4/4 To 2.5Y 4/2	General Description: This core contains olive brown (2.5Y 4/4 to 2.5Y 4/2) SILTY CLAY AND CLAY WITH SILT and olive brown (2.5Y 4/4) NANNOFOSSIL OOZE WITH CLAY and dark grayish brown (2.5Y 4/2) SILTY CLAY WITH FORAMINIFERS. The sediment is soft and moist. The core contains dropstones at Section 1, 116 cm (< 1.7-cm, sedimentary rock) and 143-145 cm (< 2-cm, basalt). Section 3, 50-77 cm contains volcanic ash layer with sharp lower and gradual upper contact. Section 2, 46-51 cm contains 5-cm nodule with foraminifers-rich sediment. A mud clast occurs at Section 4, 67-69 cm. Slight bioturbation occurs throughout. Color change is gradational throughout the entire core.
3		3		~		S		
4		4		~		S		
5		4		~		S		
6		CC				M	2.5Y 4/2	





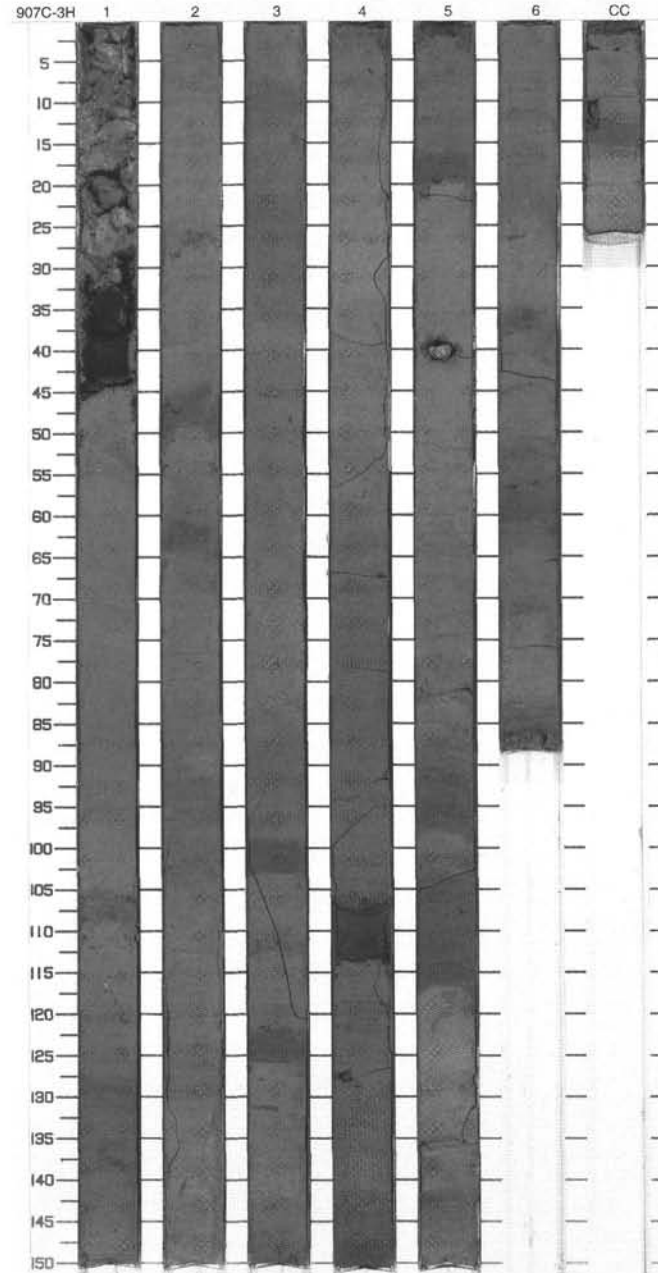
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Symbol]	1	Pleistocene	[Symbol]		S	5Y 3/1	<p>SILTY CLAY and CLAYEY NANNOFOSSIL MIXED SEDIMENT WITH SILT</p> <p>General Description: This core contains olive gray to dark greenish gray (5Y 4/2 to 10Y 4/1) SILTY CLAY alternating with dark gray (2.5Y 4/2) SILTY CLAY and dark gray (5Y 4/1) CLAYEY NANNOFOSSIL MIXED SEDIMENT WITH SILT. The sediment is soft and moist, and contains several dropstones. The core has a complicated structure with several gradational contacts between alternating colors, especially in Section 1, 54-150 cm, and Section 3, 0-60 cm. Volcanic ash layers in both Section 3, 117-125 cm, and from Section 6, 145 cm to Section 7, 6 cm have a sharp base and top. Slight bioturbation occurs throughout. Foraminifer-rich intervals occur in Section 3, 53-66 cm, Section 5, 38-64 cm, and in Section 6, 36-63 cm. Dropstones are present in Section 1, 21 cm (1.7-cm-sized black siltstone), in Section 4, 34 cm (1.3-cm subrounded gray siltstone), and 132 cm (2.1-cm-sized subrounded igneous rock), and in Section 6, 43 cm (2.4-cm-sized black basalt).</p>
				2.5Y 5/2 To 5Y 4/1				
2	[Symbol]	2		2.5Y 4/2				
				5Y 4/2 To 2.5Y 4/2				
3	[Symbol]	3		5Y 3/1				
				5Y 4/1 To 5Y 4/2				
4	[Symbol]	4		5Y 5/2				
				5Y 3/1				
5	[Symbol]	5		5Y 4/1				
				10Y 4/1				
6	[Symbol]	6	5Y 5/1					
			5Y 4/2					
7	[Symbol]	7	S	[Symbol]		S	2.5Y 4/2 To 5Y 4/2	
8	[Symbol]	8						
9	[Symbol]	9	M			M		



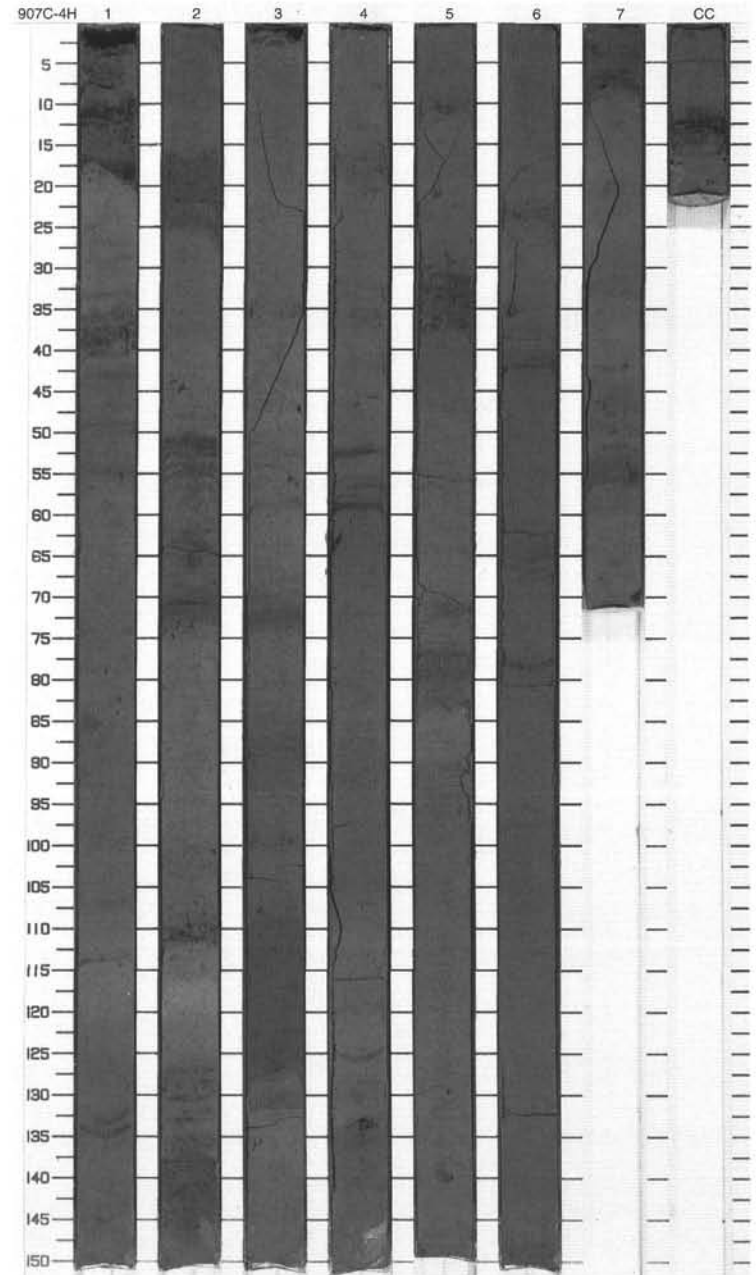
## SITE 907 HOLE C CORE 3H

CORED 15.6 - 25.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}	W		5GY 4/1	<p>SILTY CLAY</p> <p>General Description: This core contains dark greenish gray (5GY 4/1) and dark gray (5Y 4/1) SILTY CLAY. The sediment is soft and moist. Several gradational meter-scale color changes occur, although the lithology stays the same. Color banding is pervasive, with thin green, tan, and brown layers throughout. Medium color bands with sharp bases and gradational tops also occur. A volcanic ash layers in Section 2, 65-70 cm, has a sharp contacts, particularly below. Slight bioturbation occurs throughout. The top of the Section 1 is highly disturbed.</p>
2		2		}		S	5Y 4/1	
3		3		}			5Y 4/1	
4		4		}			5GY 4/1	
5		4		-A		S	5Y 4/1	
6		5		}			5GY 4/1	
7		5		}				
8		6		}				
		CC			I	M		



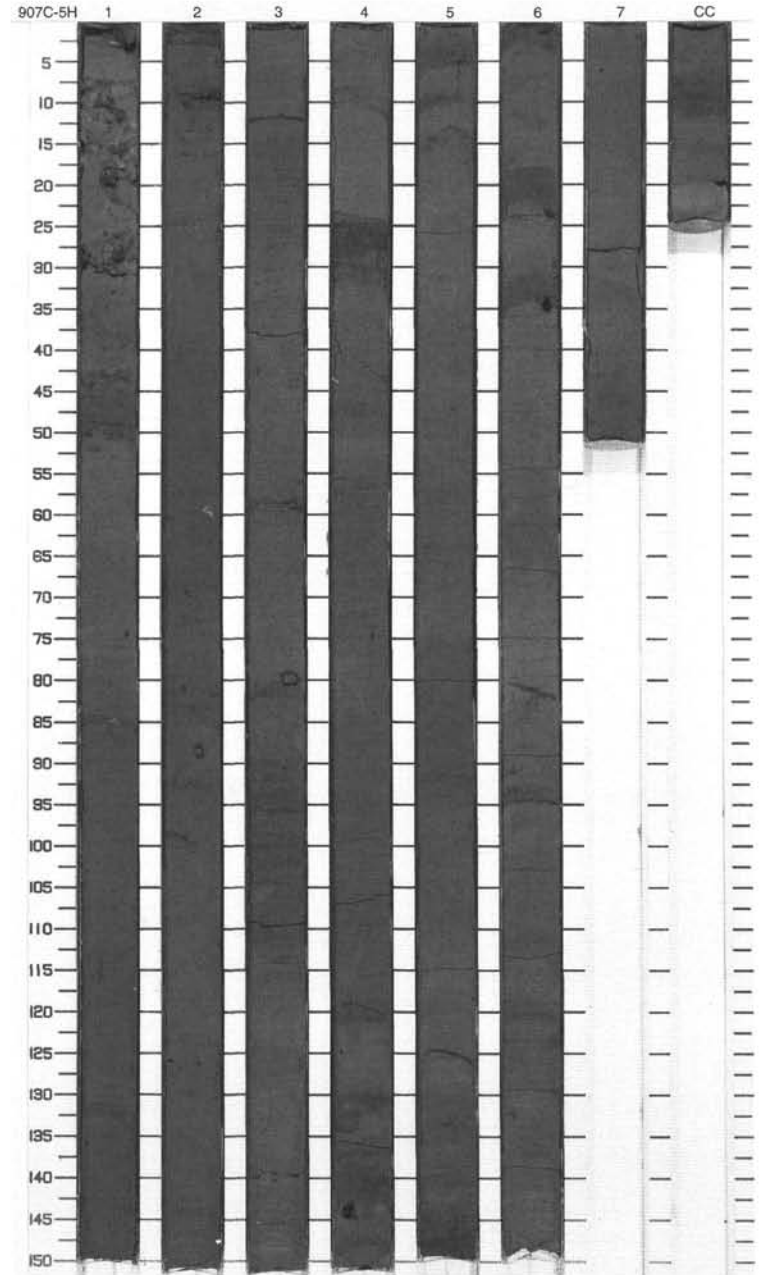
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		P			10GY 4/2	<p>SILTY CLAY and CLAY WITH SILT</p> <p>General Description: This core contains dark greenish gray (5GY 4/1) CLAY WITH SILT and dark gray (5Y 4/1) SILTY CLAY. The sediment shows an alternating complicated and gradational color change throughout the entire core. Dark greenish color bands occur at several layers. Slight bioturbation and disseminated pyrite occur throughout the core. The core contains volcanic ash layer with sharp lower and gradual upper contact at Section 1, 10-18 cm. A dropstone is present at Section 4, 133 cm (&lt;1.5-cm, basalt).</p>
	[Dotted pattern]			P			10Y 4/1	
	[Dotted pattern]			P			5GY 4/1	
2	[Dotted pattern]	2		P			5Y 4/1	
	[Dotted pattern]			P			10Y 4/1	
3	[Dotted pattern]	3		P				
4	[Dotted pattern]	4		P				
5	[Dotted pattern]	5	Pleistocene	P			5GY 4/1	
6	[Dotted pattern]	6		P			10Y 4/1	
7	[Dotted pattern]	7		P			5GY 4/1	
8	[Dotted pattern]	8		P			10GY 4/2	
9	[Dotted pattern]	9		P			5Y 4/1	
	[Dotted pattern]	CC						M



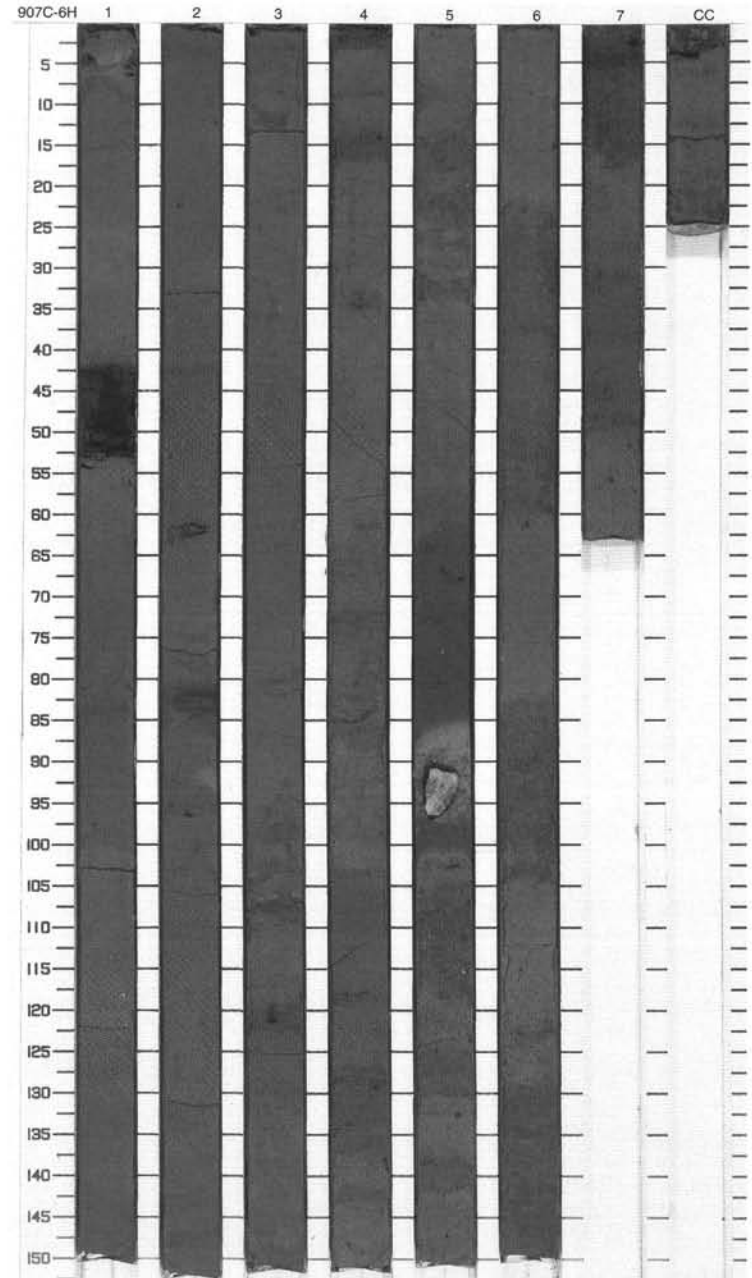
SITE 907 HOLE C CORE 5H

CORED 34.6 - 44.1 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	}}	✓		5GY 4/1	<p>SILTY CLAY and CLAY WITH SILT</p> <p>General Description: This core contains dark greenish gray (5GY 4/1, 5G 3/1) SILTY CLAY and dark greenish gray (10Y 4/1) CLAY WITH SILT. The lithologies and colors change throughout the core. The sediment is very firm and colorful. In addition to the layer color changes, there are many small, irregular, and thin color changes. Slight bioturbation occurs throughout the core, and many silt-filled burrows are present. Thin green color bands are common. Medium brown and green color bands also occur throughout. Several have sharp lower and gradational upper contacts. Black basalt dropstones occur in Sections 2-5.</p>
2	[Dotted pattern]	2	}}			5G 3/1	
3	[Horizontal dashed pattern]	3	}}			10Y 4/1	
4	[Horizontal dashed pattern]	4	}}			5GY 4/1	
5	[Horizontal dashed pattern]	5	}}			5GY 4/1	
6	[Horizontal dashed pattern]	6	}}			10Y 4/1	
7	[Horizontal dashed pattern]	7	}}			10Y 4/1	
8	[Horizontal dashed pattern]	6	}}				
9	[Horizontal dashed pattern]	7	}}				
CC					M		



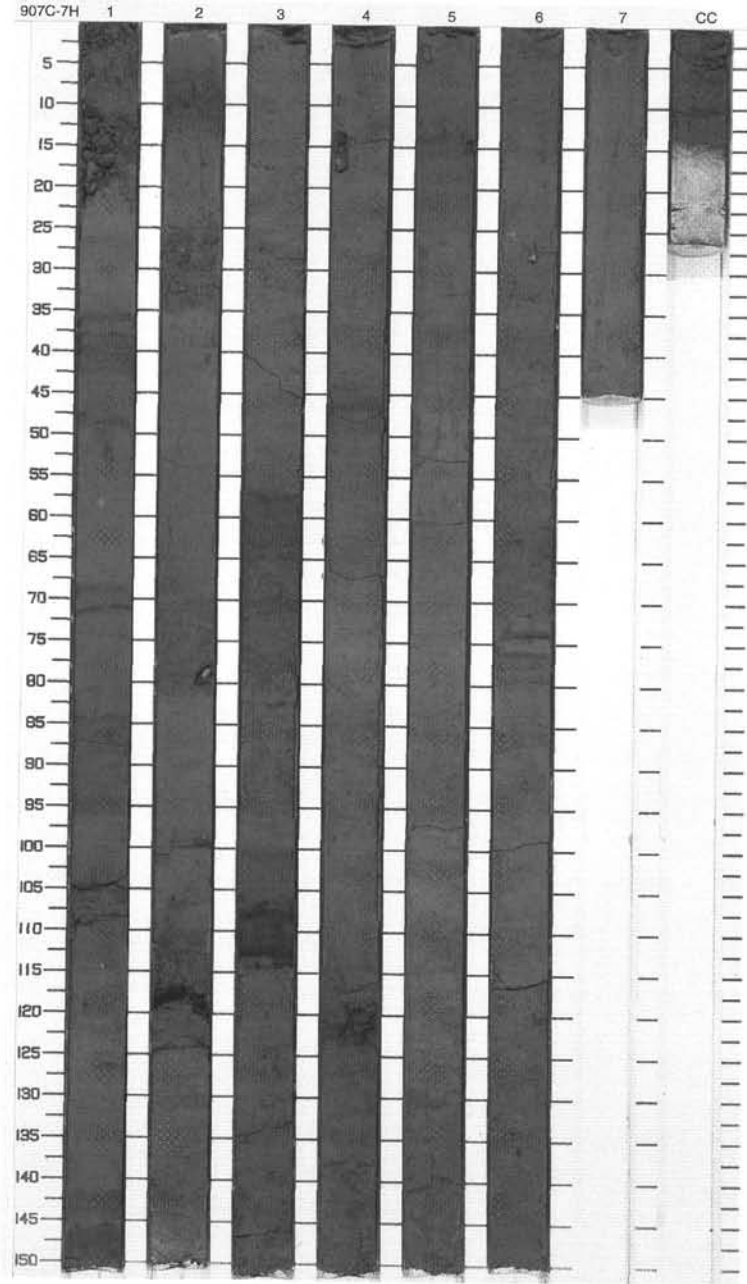
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		-A			7.5GY 4/1	<p>CLAY WITH SILT</p> <p>General Description: This core contains dark greenish gray (10Y 4/1, 7.5GY 4/1, 5BG 4/1, and 5GY 4/1), and grayish green (5G 4/2) CLAY WITH SILT. Color changes are variable with sharp and gradual contacts. Both thin and thick color bands are dispersed throughout. Greenish color bands occur in Sections 1 to 4, whereas grayish layers with coarse sediment at the bottom are concentrated in Sections 4 and 5. Sediment is firm and homogeneous. Slight bioturbation occurs throughout the entire core. Ash-rich layers are present in Section 1, 42–53 cm, in Section 3, 105–107 cm, and in Section 5, 29–31 cm. Dropstones occur in Section 2, 60–62 cm (3-cm-sized angular flintstone), and in Section 5, 115 cm (round white quartzite). In addition, a 6-cm-sized subrounded quartzite is present in Section 5, 90–96 cm.</p>
2		2		◇		S		
3		3		-A			5GY 4/1	
4		4		-A				
5		4	Pliocene			S	5G 4/2 To 10Y 4/1	
6		5		-A			10Y 4/1	
7		5		◇		S	10Y 4/1 To 5BG 4/1	
8		6		P			10Y 4/1	
9		7		P			7.5GY 4/1	
		CC				M		



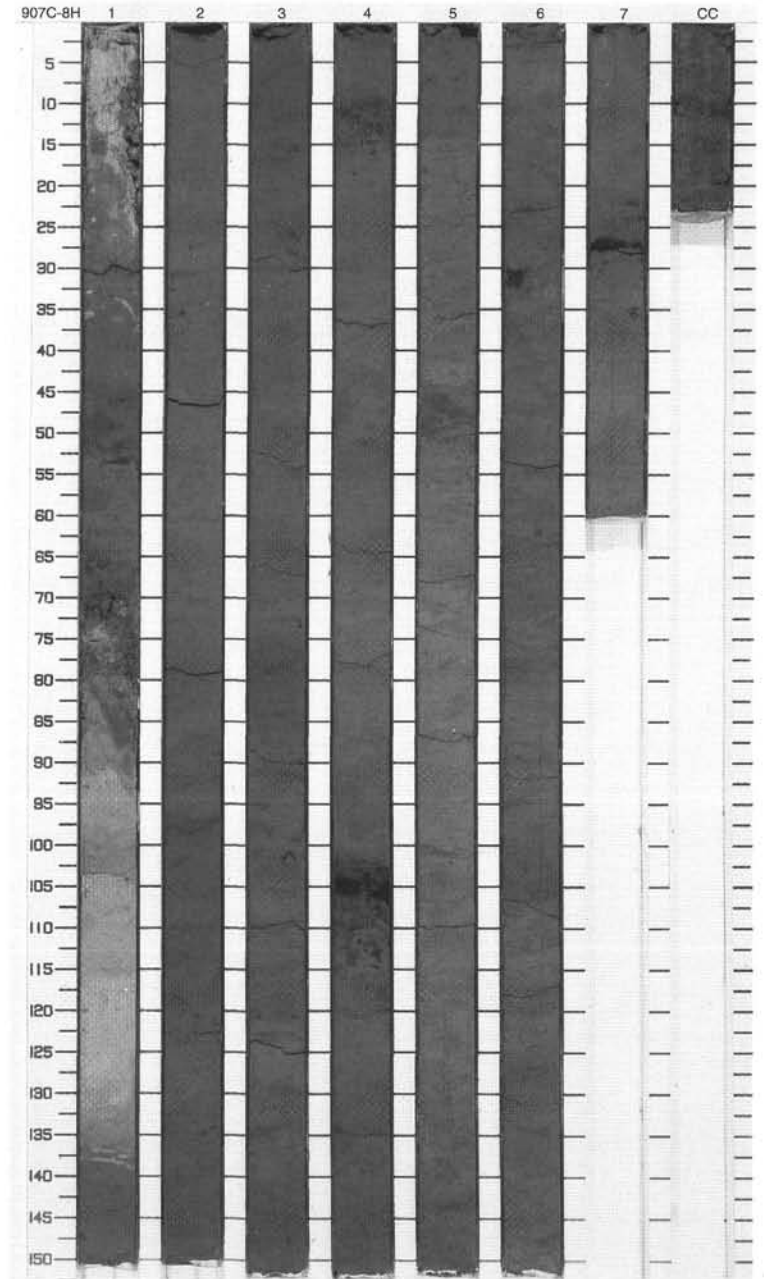
SITE 907 HOLE C CORE 7H

CORED 53.6 - 63.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Hatched pattern]	1		} P		S	5GY 4/1	<p><b>SILTY CLAY</b></p> <p>General Description: This core contains dark greenish gray (5GY 4/1) and very greenish gray (10Y 4/1) SILTY CLAY. Dark greenish color bands are scattered throughout the core. The core contains two volcanic ash layers at Section 2, 118 cm and Section 3, 106-113 cm with sharp lower and upper contact. Uppermost portion of Section 1 (0-22 cm) is slightly disturbed. The core also contains dropstone at Section 2, 79-80 cm (2.1-cm, black shale?). Color change is gradational throughout. Slight bioturbation occurs throughout the core. Disseminated pyrite occurs at several layers. Core Catcher (20 cm) contains nannofossil-rich gray (10Y 6/1) sediment.</p>
2	[Hatched pattern]	2		} }			5GY 4/1 To 10GY 4/2	
3	[Hatched pattern]	3		} -A				
4	[Hatched pattern]	3		} }				
5	[Hatched pattern]	3		} }			5GY 4/1	
6	[Hatched pattern]	4		} }				
6	[Dotted pattern]	4		} -A				
7	[Hatched pattern]	5		} }		S	10Y 4/1	
8	[Hatched pattern]	5		} }				
9	[Hatched pattern]	6		} }			5GY 4/1	
	[Hatched pattern]	7		} P				
	[Hatched pattern]	CC				M		



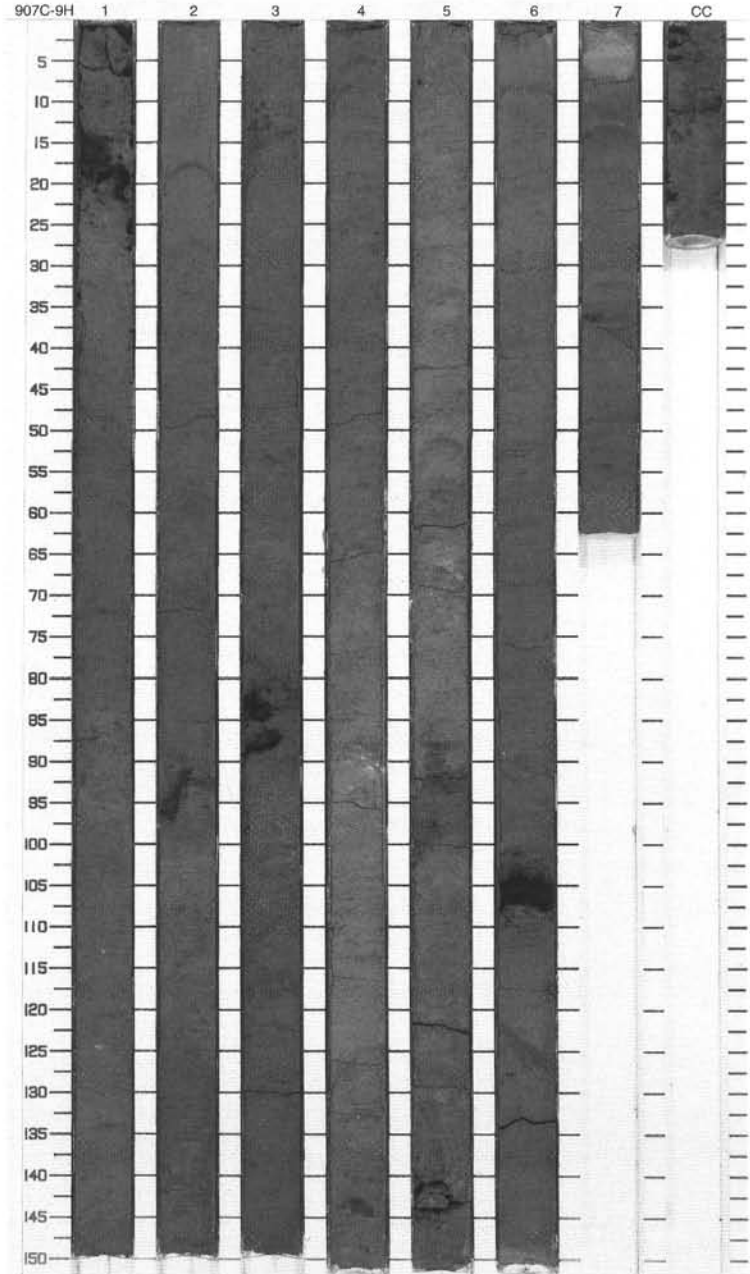
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1		A*	○	S	5Y 4/1	<p>CLAY WITH SILT AND DIATOMS and CLAY</p> <p>General Description: This core contains very dark greenish gray (5GY 3/1), dark gray (5Y 4/1), and dark greenish gray (5GY 4/1) CLAY alternating with very dark greenish gray (10Y 3/1) CLAY WITH SILT AND DIATOMS. Gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE intervals are present in Section 1, 0–15 and 90–146 cm. A dark gray (2.5Y 4/1) VOLCANIC ASH layer is situated in Section 1, 98–103 cm, inside a clayey nannofossil ooze interval. Sediment is firm and colorful with green color bands, and color mottles throughout. Slight to moderate bioturbation occurs throughout. ASH-rich layers are present in Section 4, 9–14 and 100–105 cm (with a bioturbated lower contact) and in Section 7, 26–27 cm. A disseminated pyrite and silt-rich interval is situated in Section 5, 44–49 cm. A pyrite nodule is present in Section 6, 30–32 cm. A soft 1.2-cm-long mud clast is present in Section 3, 101–102 cm.</p>
1	[Pattern]	1		-A		S	5Y 6/1	
2	[Pattern]	2		A*		S	10Y 3/1	
3	[Pattern]	3		A*		S	10Y 3/1	
4	[Pattern]	4		◇		S	5GY 4/1	
5	[Pattern]	4	Pliocene	-A		S	10Y 3/1	
6	[Pattern]	4	Pliocene	-A		S	10Y 3/1	
7	[Pattern]	5		P		S	5GY 4/1	
8	[Pattern]	6		⊙		S	5GY 4/1	
9	[Pattern]	6		⊙		S	5GY 3/1	
	[Pattern]	7		-A		S	5GY 3/1	
	[Pattern]	CC				M		



SITE 907 HOLE C CORE 9H

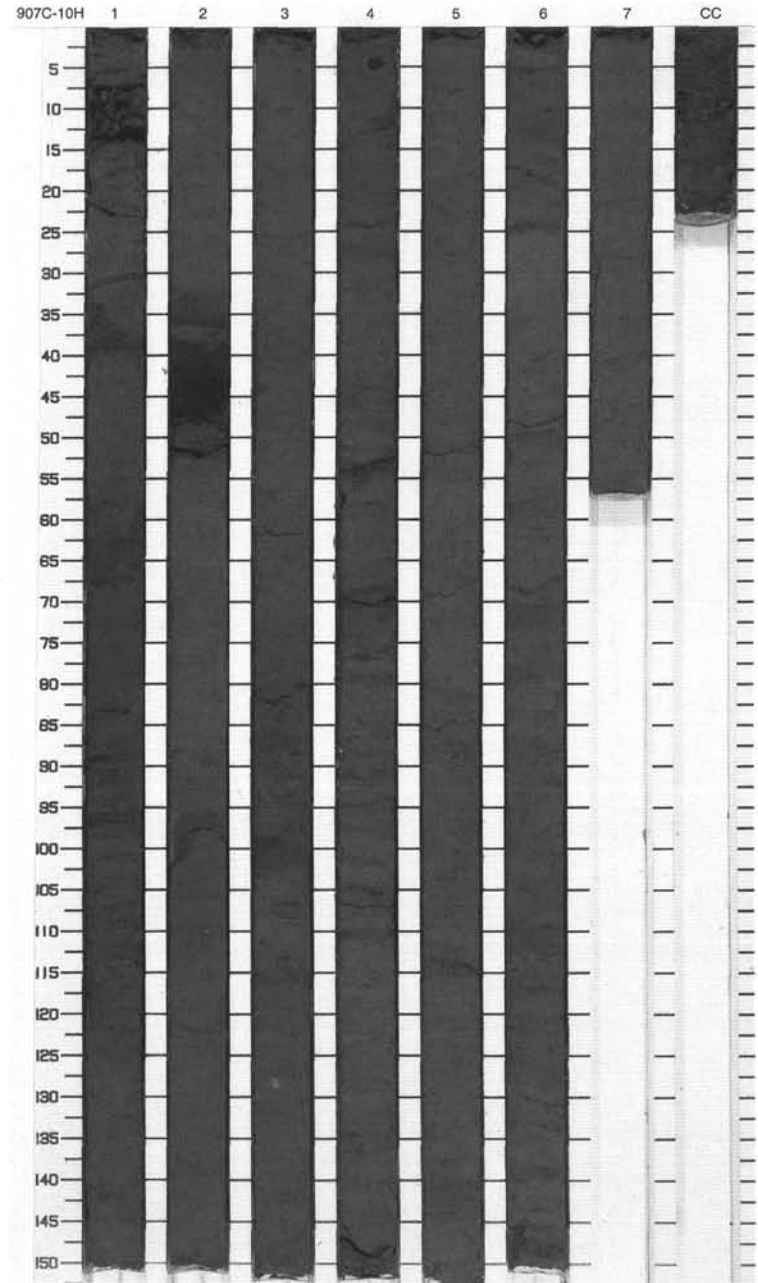
CORED 72.6 - 82.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		-A	W	S	5GY 3/1	<p>CLAY and CLAY WITH SILT</p> <p>General Description:                      This core contains very dark greenish gray (5GY 3/1) CLAY WITH SILT and dark greenish gray (5GY 4/1) CLAY. Dark ASH-rich layers are present in Section 1, 14-19 cm, in Section 2, 90-96 cm and in Section 6, 104-107 cm. A white ASH layer (rhyolitic) occurs from Section 6, 148 cm to Section 7, 7 cm. Sediment is firm, colorful, and slightly to moderately bioturbated throughout. Green color bands and green color mottles occur throughout the entire core. Pyrite nodules occur in Section 3, 83-85 cm (2.2-cm-long) and 87-90 cm (3.2-cm-long). A mud clasts-rich layer is situated in Section 3, 11-16 cm. An indurated layer is present in Section 5, 140-145 cm.</p>
2	[Dotted pattern]	2		A		S	5GY 3/1	
3	[Dotted pattern]	3		P		S	5GY 4/1	
4	[Dotted pattern]	3		P		S	5GY 4/1	
5	[Dotted pattern]	4	Pliocene			S	5GY 4/1	
6	[Dotted pattern]	6				S	5GY 4/1	
7	[Dotted pattern]	5				S	5GY 4/1	
8	[Dotted pattern]	4				S	5GY 4/1	
9	[Dotted pattern]	6		-A		S	5GY 3/1	
	[Dotted pattern]	7		-A		S	5GY 3/1	
	[Dotted pattern]	CC				M		



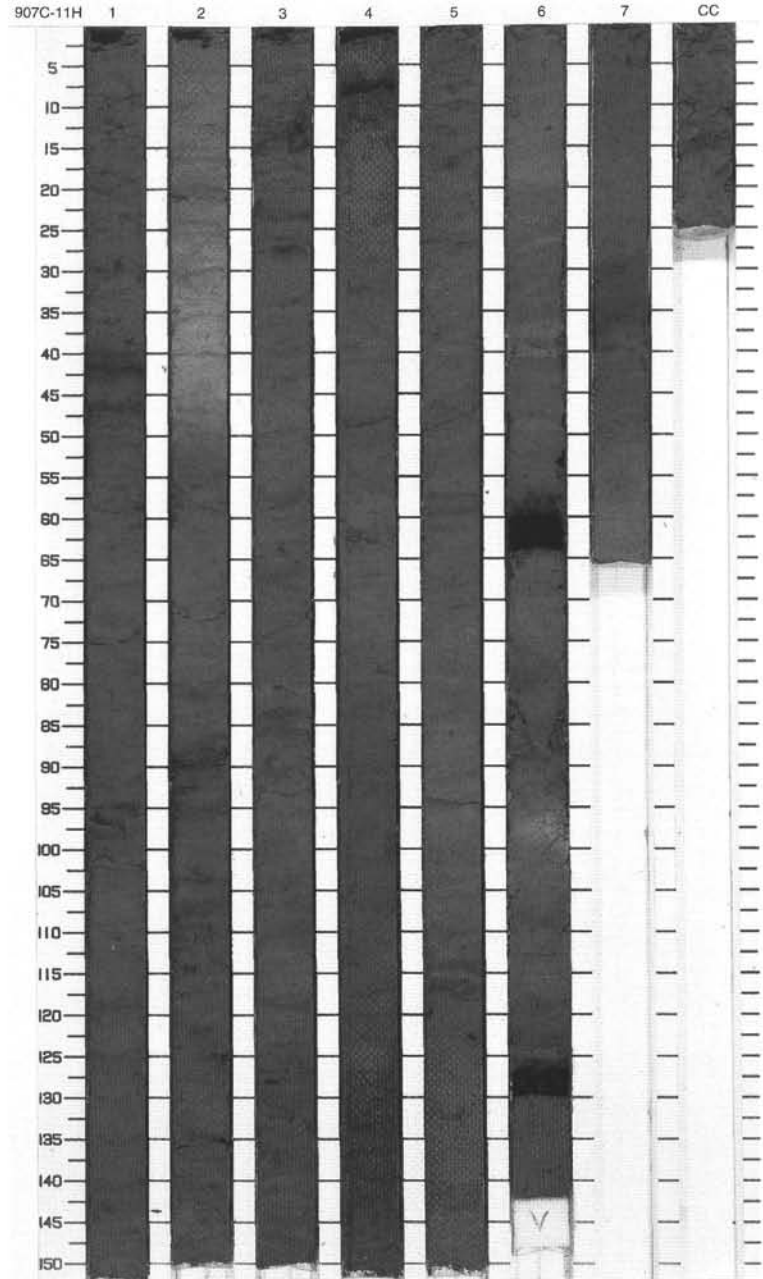


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		[Wavy lines]	○	S	5GY 4/1	<p>CLAY</p> <p>General Description: This core contains very dark greenish gray (5GY 3/1), dark greenish gray (5GY 4/1), and dark gray (5Y 4/1) CLAY. A dark (N2) VOLCANIC ASH layer is present in Section 2, 32-47 cm. Sediment is firm, colorful, and slightly to moderately bioturbated throughout. Green color bands and color mottles occur throughout the entire core. A contorted contact is situated in Section 2, 102 cm.</p>
2	[Dotted pattern]	2		[Wavy lines]		S	N2	
3	[Dotted pattern]	3		[Wavy lines]		S	5GY 4/1	
4	[Dotted pattern]	3		[Wavy lines]		S	5Y 4/1	
5	[Dotted pattern]	4	Pliocene-Miocene	[Wavy lines]		S	5GY 3/1	
6	[Dotted pattern]	4		[Wavy lines]		S	5GY 3/1	
7	[Dotted pattern]	5		[Wavy lines]		S	5GY 3/1	
8	[Dotted pattern]	6		[Wavy lines]		S	5GY 3/1	
9	[Dotted pattern]	7		[Wavy lines]		M	5Y 4/1	
	[Dotted pattern]	CC		[Wavy lines]		M	5GY 3/1	

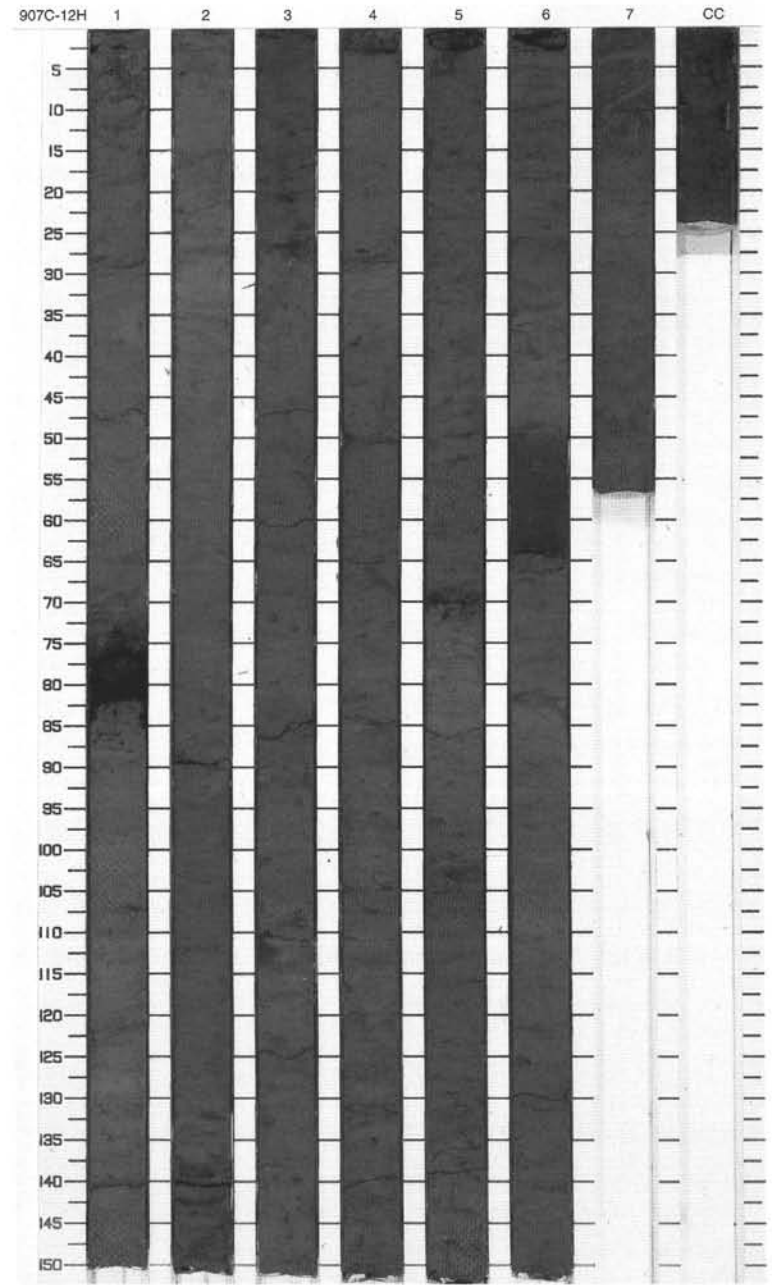


SITE 907 HOLE C CORE 11H CORED 91.6 - 101.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		[Symbol]			10Y 4/1	<p>CLAY</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) and greenish gray (10Y 5/1) CLAY. Light VOLCANIC ASH-rich layers are situated in Section 3, 83-86 cm, Section 6, 36-40 cm and in Section 7, 29-38 cm. Black ASH layers are situated in Section 6, 59-64 and 125-128 cm (indurated layer with lots of sulfides). Sediment is very firm with multiple shades of dark greenish gray (7.5GY 3/1), gray, and black. Overall the core has a very mottled and irregular color banded appearance which is more pronounced in Sections 1-5. Some green layers are very indurated and fracture easily. Bioturbation is extensive and both <i>Chondrites</i> and <i>Zoophycus</i> burrows are recognized.</p>
2	[Dotted pattern]	2		[Symbol]		S	10Y 5/1	
3	[Dotted pattern]	3		[Symbol]				
4	[Dotted pattern]	3		[Symbol]				
5	[Dotted pattern]	4	Miocene	[Symbol]				
6	[Dotted pattern]	4		[Symbol]		S		
7	[Dotted pattern]	5		[Symbol]			10Y 4/1	
8	[Dotted pattern]	6		[Symbol]		S		
9	[Dotted pattern]	7		[Symbol]				
CC						M		

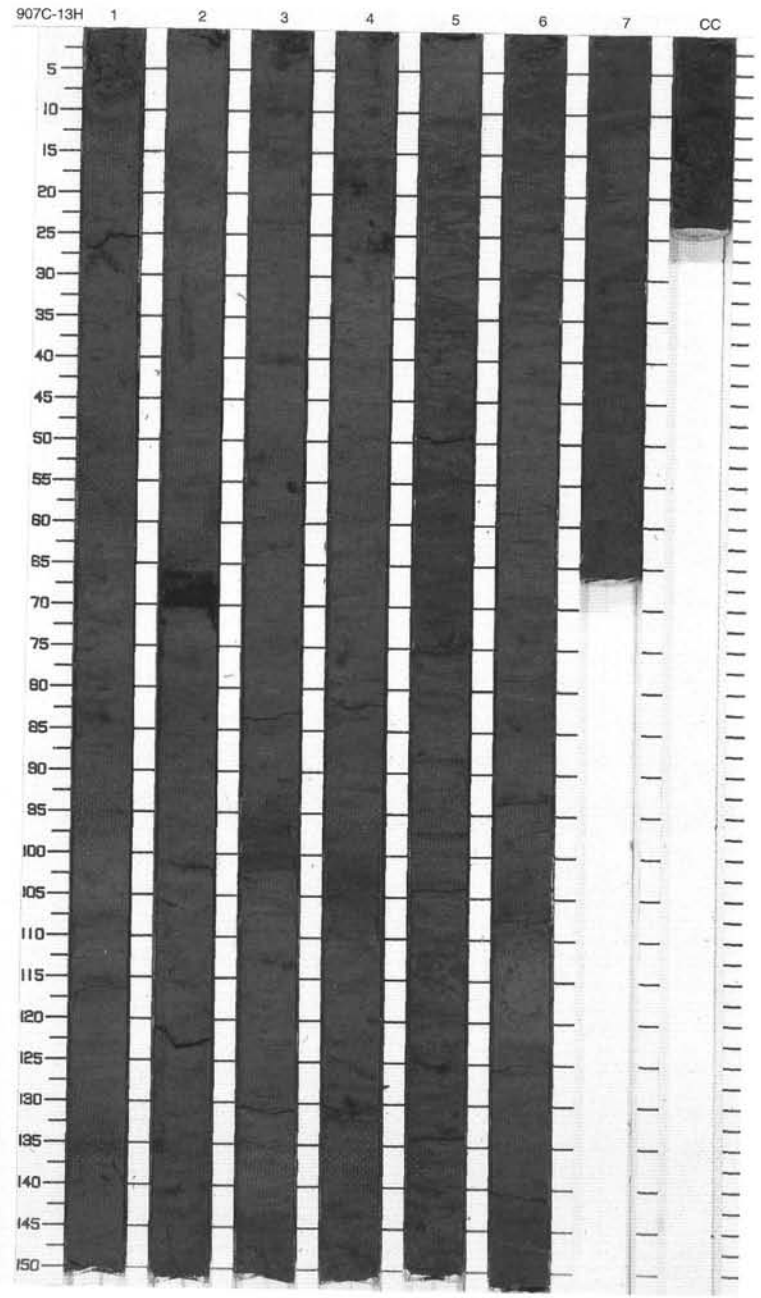


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		[Wavy lines]	-	S		<p>CLAY WITH SILT</p> <p>General Description: This core contains very dark greenish gray (5GY 3/1) and dark greenish gray (5GY 4/1) CLAY WITH SILT. A PYRITIC VOLCANIC ASH layer with a 5-cm-long pyrite nodule is present in Section 1, 73-82 cm. ASH-rich layers are present in Section 5, 70 cm and in Section 6, 50-64 cm. Sediment is very firm, colorful, and moderately bioturbated. Green color bands and mottles occur throughout the entire core.</p>
2	[Dotted pattern]	2		[Wavy lines]		S	5GY 4/1	
3	[Dotted pattern]	3		[Wavy lines]		S		
4	[Dotted pattern]	4	Miocene	[Wavy lines]			5GY 3/1	
5	[Dotted pattern]	5		[Wavy lines]				
6	[Dotted pattern]	6		[Wavy lines]			5GY 4/1	
7	[Dotted pattern]	7		[Wavy lines]			5GY 3/1	
9	[Dotted pattern]	CC				M		

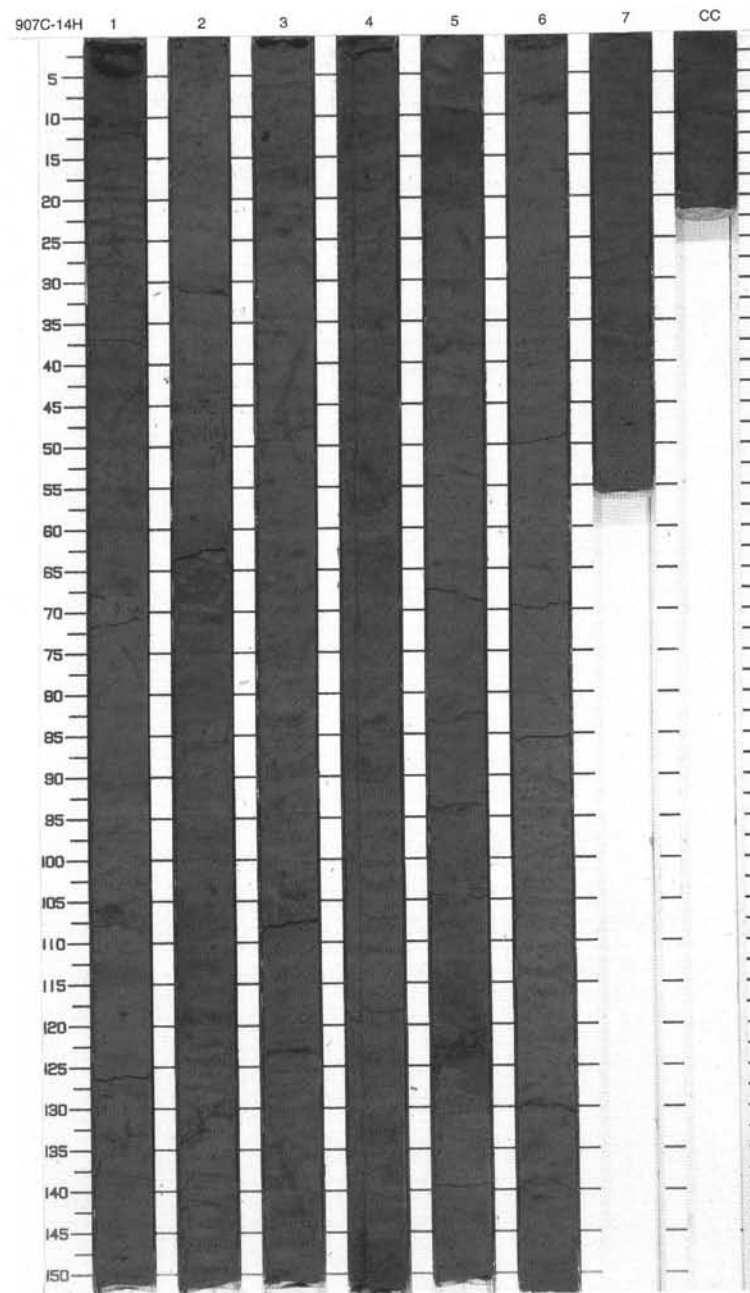


SITE 907 HOLE C CORE 13H CORED 110.6 - 120.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			W/W			<p>CLAY WITH SILT AND SILICOFAGELLATES and CLAY WITH SILT</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT and dark greenish gray (10Y 4/1) CLAY WITH SILT AND SILICOFAGELLATES. A PYRITIC VOLCANIC ASH layer is present in Section 2, 66-70 cm. ASH-rich layers are present in Section 3, 94-102 cm and in Section 4, 96-110 cm. Very firm, highly mottled green, yellowish green, and gray black sediments. Although color changes are abundant, they mostly fall within the range 10Y 3/1 and 10Y 4/1.</p>
2		2		A P		S S	10Y 3/1	
3		3		P				
4		4	Miocene	A P				
5		5						
6		6						
7		7						
8		6					10Y 4/1	
9		7				S		
		CC				M		

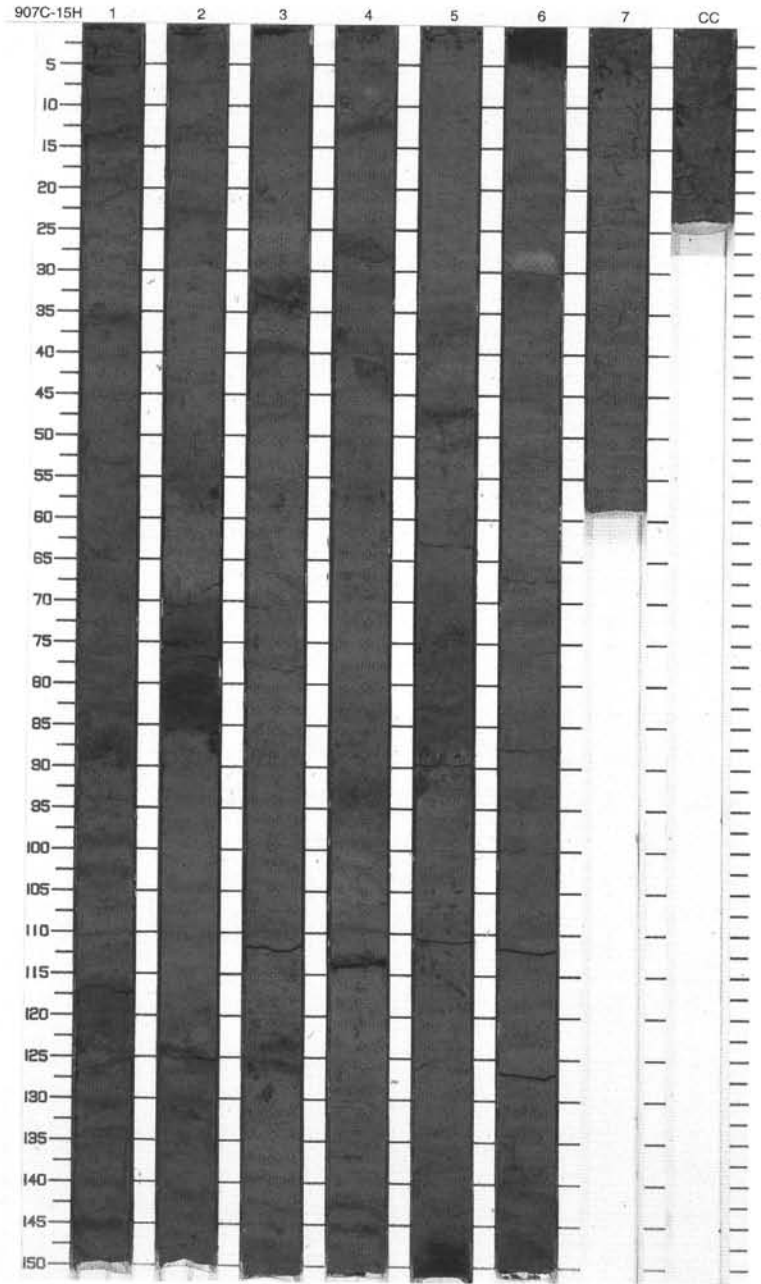


Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		[Symbol]	W	S		CLAY WITH SILT and CLAY WITH SILT AND DIATOMS  General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT and CLAY WITH SILT AND DIATOMS. ASH-rich layers with disseminated pyrite are present in Section 2, 59-64 cm, and from Section 4, 145 cm to Section 5, 10 cm (sharp lower and upper contacts). Sediment is bioturbated and color mottled throughout with distinct small scale color changes. A branching burrow is present at Section 3, 35-55 cm. A pyrite nodule inside a pyrite layer occurs in Section 5, 118-123 cm.
2	[Dotted pattern]	2		[Symbol]				
3	[Dotted pattern]	3		[Symbol]				
4	[Dotted pattern]	4		[Symbol]				
5	[Dotted pattern]	5	Miocene	[Symbol]		S	10Y 3/1	
6	[Dotted pattern]	6		[Symbol]				
7	[Dotted pattern]	7		[Symbol]				
	[Dotted pattern]	CC				M		



SITE 907 HOLE C CORE 15H  
 CORED 129.6 - 139.1 mbsf

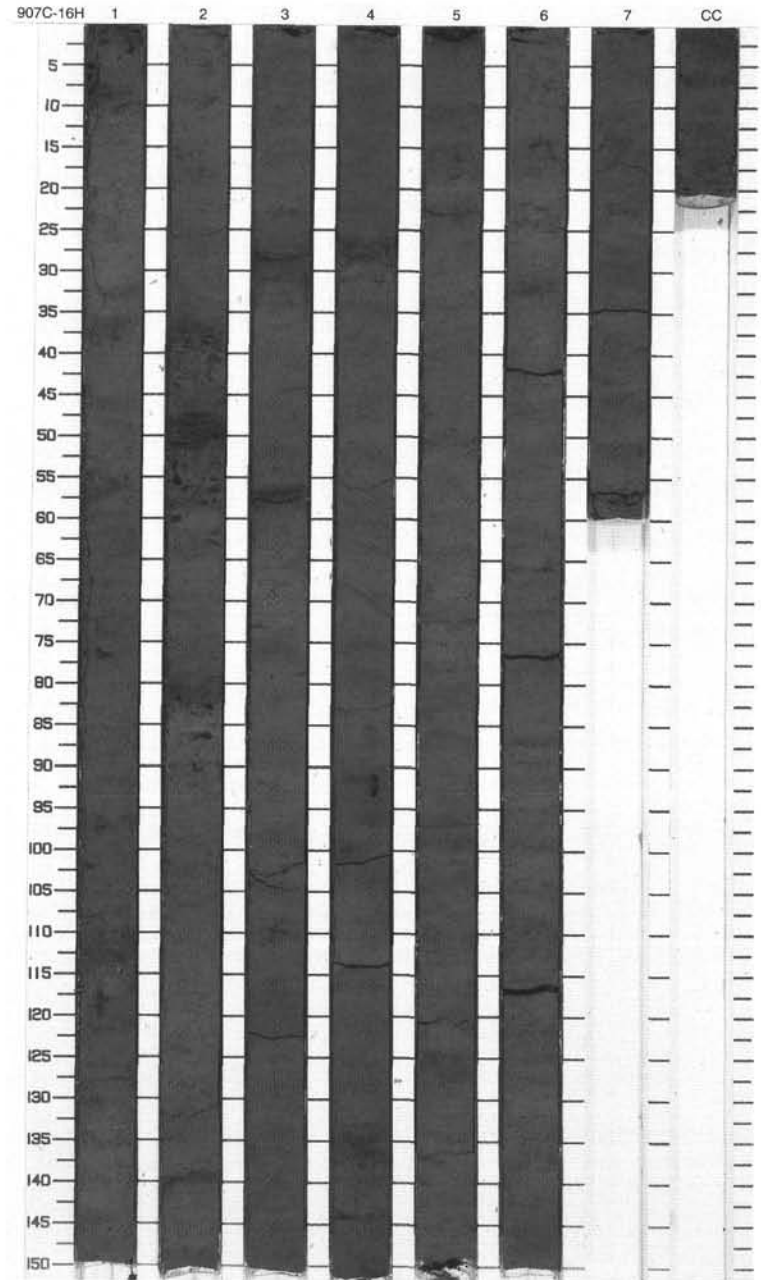
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1		~ -A		S		<b>CLAY WITH SILT</b>  General Description: This core contains very dark greenish gray (10Y 3/1) and dark greenish gray (10Y 4/1) CLAY WITH SILT. Dark PYRITIC VOLCANIC ASH layers are present in Section 1, 84-88 and 117-123 cm, in Section 2, 70-90 cm, in Section 5, 70-88 cm and in Section 6, 0-4 and 28-30 cm. Light gray ASH-rich layers are present in Section 2, 50-60 cm, in Section 3, 103-113 cm, in Section 4, 35-40, 55-58, and 85-92 cm, in Section 5, 34-41 cm, and in Section 6, 28-30 cm. Sediment is very firm, colorful, and moderately bioturbated throughout. Distinct green color bands and color mottles occur throughout the entire core. Normal faults are present in Section 3, 60-80 cm and in Section 4, 30-45 cm. These faults may be natural ones or due to coring disturbance. An indurated yellowish layer is situated in Section 3, 30 cm.
2	[Dotted pattern]	2		~ -A				
3	[Dotted pattern]	3		~ -A				
4	[Dotted pattern]	4		~ -A				
5	[Dotted pattern]	5	Miocene	~ -A			10Y 3/1 To 10Y 4/1	
6	[Dotted pattern]	6		~ -A		S		
7	[Dotted pattern]	7		~ -A				
8	[Dotted pattern]	8		~ -A				
9	[Dotted pattern]	9		~ -A				
	[Dotted pattern]	CC				M		



SITE 907 HOLE C CORE 16H

CORED 139.1 - 148.6 mbsf

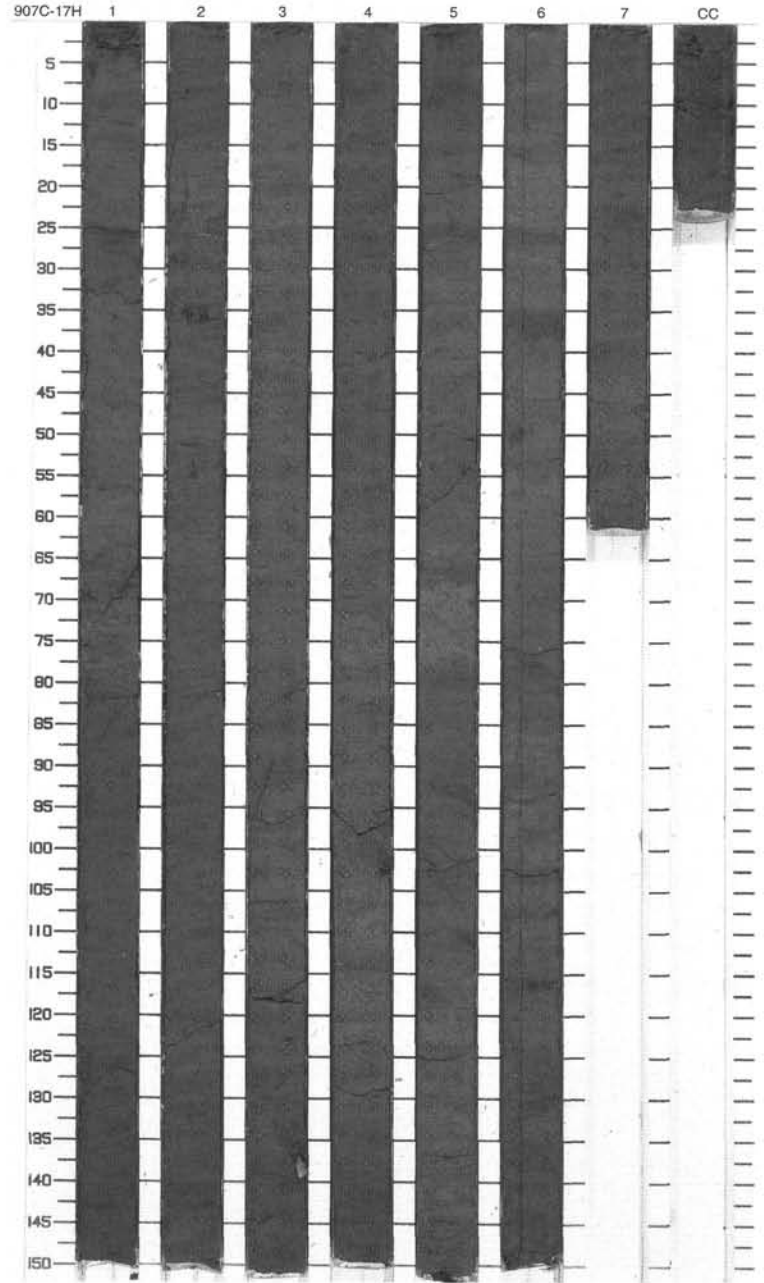
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	Miocene	}		M	5GY 4/1	<p>CLAY WITH DIATOMS</p> <p>General Description: This core contains dark greenish gray (10Y 4/1, 5GY 4/1) CLAY WITH DIATOMS. The sediment is firm throughout. Gradual color changes occur within each section, and color bands are scattered throughout the core. Within the dark layers, the CLAY WITH DIATOMS contains a slightly higher percentage of silt-size pyrite. Moderate bioturbation occurs throughout. All color contacts are gradational. The Core Catcher and uppermost 20 cm of Section 1 are moderately disturbed.</p>
2							10Y 4/1	
3							5GY 4/1	
4							10Y 4/1	
5							5GY 4/1	
6							10Y 4/1	
7							5GY 4/1	
8							10Y 4/1	
9							5GY 4/1	
10							10Y 4/1	
11							5GY 4/1	
12							10Y 4/1	
13							5GY 4/1	
14							10Y 4/1	



SITE 907 HOLE C CORE 17H

CORED 148.6 - 158.1 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color C	Description
1	[Dotted pattern]	1	} P			5GY 4/1	<p>SILTY CLAY WITH DIATOMS and CLAY WITH SILT</p> <p>General Description: This core contains dark greenish gray (5GY 4/1) SILTY CLAY WITH DIATOMS alternating with dark greenish gray (10Y 4/1) CLAY WITH SILT. The sediment is firm and homogeneous. Color changes are subtle and gradational throughout the core. Slight bioturbation and disseminated pyrite occur throughout. Section 3, 137-139 cm contains pyrite nodule (2.5 cm), and Section 2, 34 cm contains 0.5-cm pyrite nodule. Dark greenish color bands occur throughout. Section 6 contains several black spots.</p>
	[Dotted pattern]		} P			10Y 4/1	
2	[Dotted pattern]	2	} (P)			5GY 4/1	
	[Dotted pattern]		} P				
3	[Dotted pattern]	3	} P				
4	[Dotted pattern]		} P			10Y 4/1	
	[Dotted pattern]		} (P)				
5	[Dotted pattern]	4	} P				
6	[Dotted pattern]						
7	[Dotted pattern]	5	} P			5GY 4/1 To 5GY 3/1	
8	[Dotted pattern]						
9	[Dotted pattern]	6	} P				
	[Dotted pattern]						
	[Dotted pattern]	7	} P				
	[Dotted pattern]						
	[Dotted pattern]	CC					M

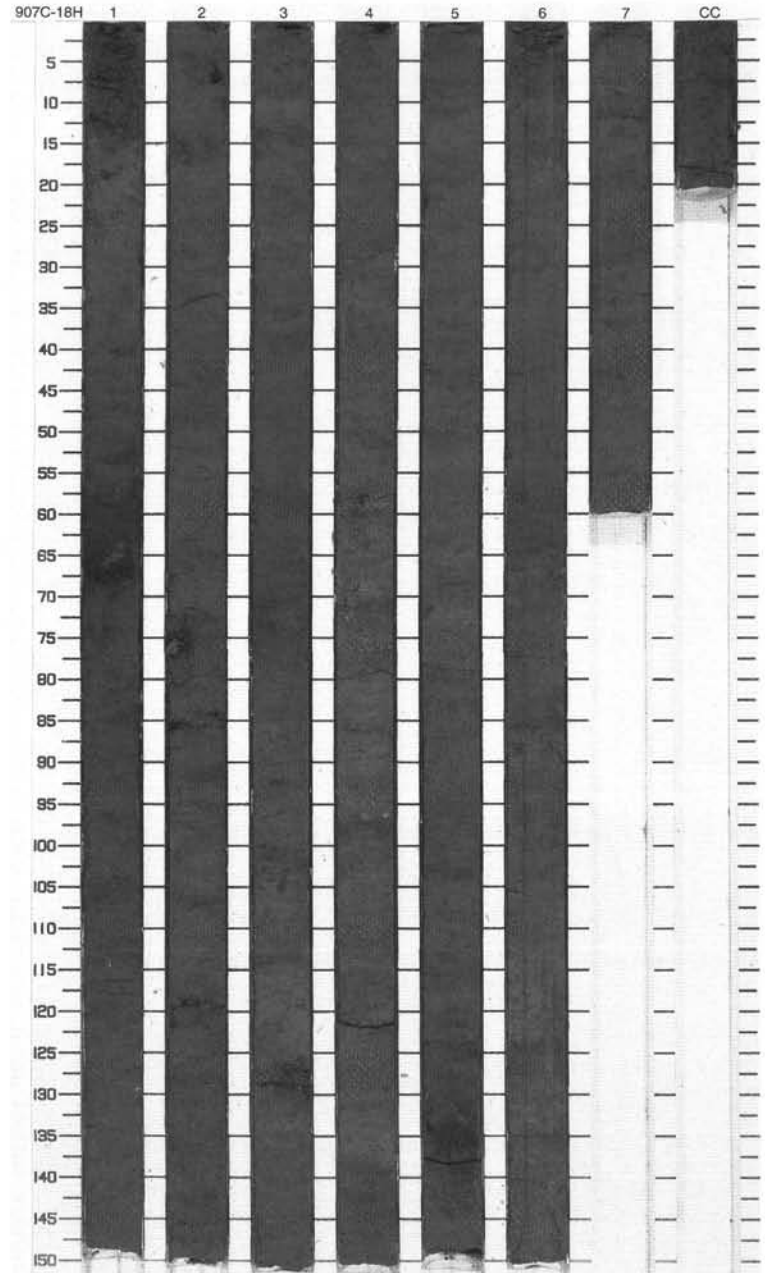




SITE 907 HOLE C CORE 18H

CORED 158.1 - 167.6 mbsf

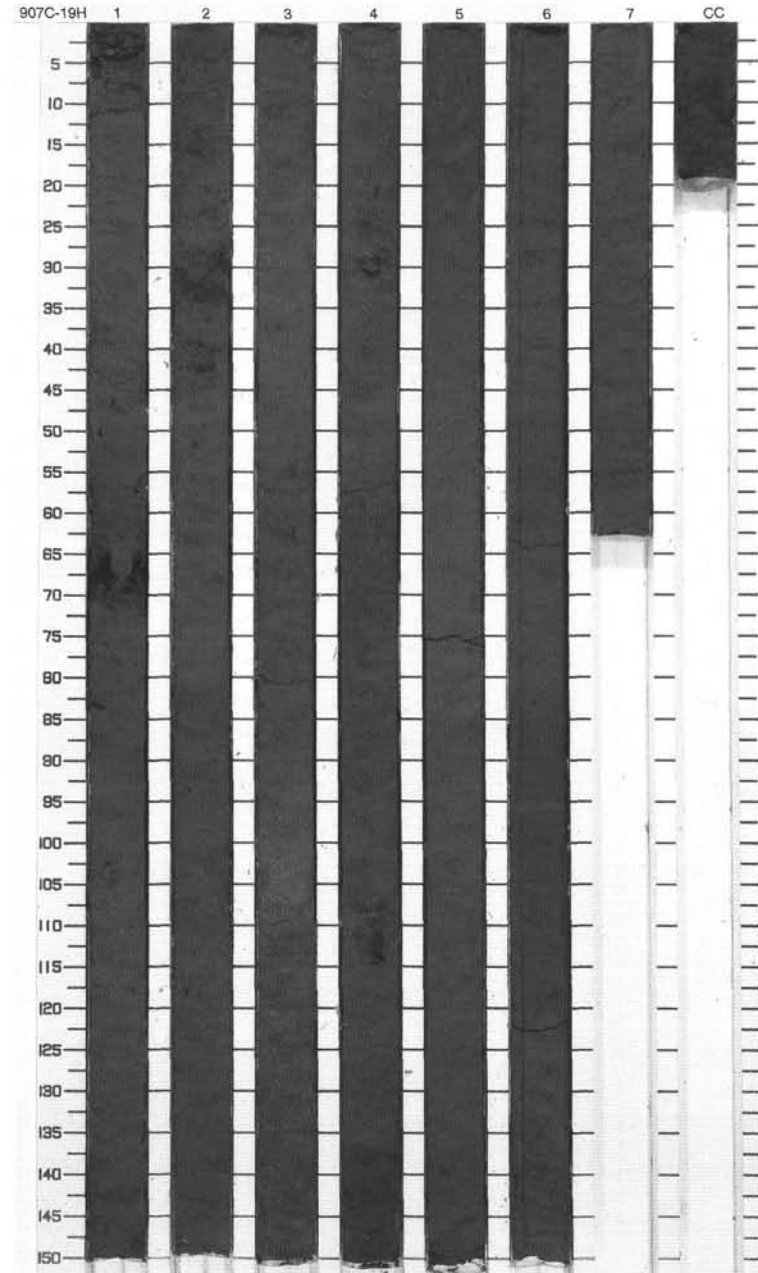
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Hatched pattern]	1				S	5GY 4/1	<p>SILTY CLAY WITH DIATOMS</p> <p>General Description: This core contains dark greenish gray (10Y 4/1 to 5GY 4/1) and very dark greenish gray (10Y 3/1 to 5GY 3/1) SILTY CLAY WITH DIATOMS. Color changes are gradational. Sediment is firm, slightly bioturbated, and colorful throughout the core. Green color bands and mottles occur in all sections. The green color bands are often harder than other sediment. Disseminated ashes are dispersed in all sections but do not form distinct layers. Both ash content and biosilica content increase and occur as a minor lithology (SILTY CLAY WITH ASH AND DIATOMS) in the very dark greenish gray (10Y 3/1) intervals. Slight bioturbation occurs throughout. A pyrite concretion is present in Section 2, 75-77 cm. The uppermost 16 cm of the core are moderately disturbed due to drilling.</p>
2	[Hatched pattern]	2		(P)		S	5GY 3/1	
3	[Hatched pattern]	3				S	10Y 4/1 To 7.5GY 4/1	
4	[Hatched pattern]	4	Miocene			S	10Y 4/1	
5	[Hatched pattern]	5				S	10Y 4/1 To 5GY 4/1	
6	[Hatched pattern]	6				S	10Y 4/1	
7	[Hatched pattern]	7				S	10Y 3/1 To 5GY 4/1	
	[Hatched pattern]					S	10Y 4/1	
	[Hatched pattern]					S	10Y 3/1 To 5GY 3/1	
	[Hatched pattern]					M	10Y 4/1	



## SITE 907 HOLE C CORE 19H

CORED 167.6 - 177.1 mbsf

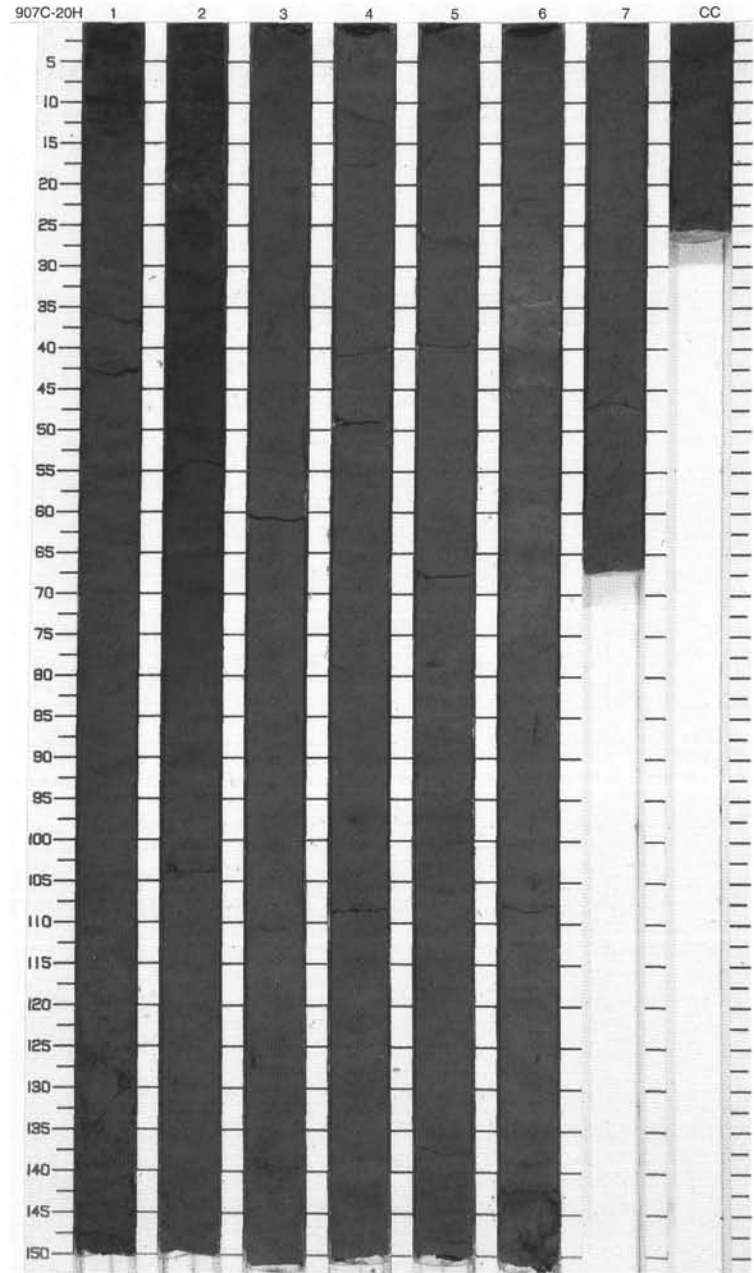
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1		}}				CLAY WITH DIATOMS AND SILT and SILTY CLAY WITH DIATOMS  General Description: This core contains dark greenish gray (5GY 4/1 to 10Y 4/1) CLAY WITH DIATOMS AND SILT and SILTY CLAY WITH DIATOMS. The sediment shows a firm and homogenous, colorful change of dark greenish gray, but its change is subtle and gradational throughout the core. One of the characteristics of this core is abundant occurrence of small pyrite nodule (0.1-2-cm-long) and of disseminated pyrite throughout. Slight bioturbation occurs throughout the core with two <i>Zoophycus</i> trace fossils at Section 5, 18 cm and Section 6, 95 cm. Section 1, 71 cm contains a black ash pod and a small sulfide nodule band (1-cm-thick).
				}}				
2		2		}}				
				}}				
3		3		}}				
				}}				
4		3		}}				
				}}				
5		4	Miocene	}}			5GY 4/1 To 10Y 4/1	
				}}				
6		4		}}				
				}}				
7		5		}}				
				}}				
8		5		}}				
				}}				
9		6		}}				
				}}				
		7		}}				
				}}				
		CC						



SITE 907 HOLE C CORE 20H

CORED 177.1 - 186.6 mbsf

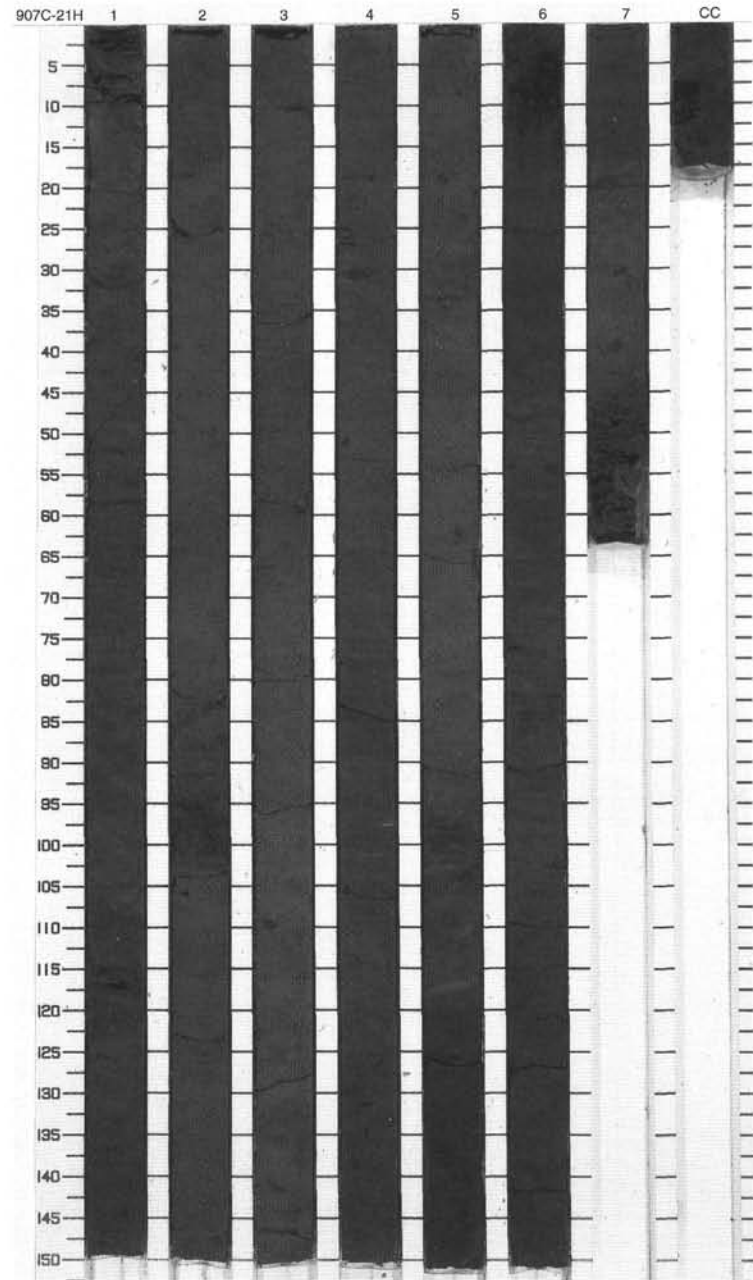
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1					10Y 3/1	<p>CLAY WITH SPICULES</p> <p>General Description: This core contains dark greenish gray (10Y 4/1) and very dark greenish gray (10Y 3/1, 10GY 3/1, and 5GY 3/1) CLAY WITH SPICULES. Color changes are gradational except for the ash layer. Sediment is firm, slightly bioturbated, and colorful throughout the core. Green color bands and mottles occur especially in Sections 3 to 6. A gray volcanic ash layer is present in Section 6, 33-43 cm. In addition, disseminated ashes are dispersed in all sections but do not form distinct layers. Pyrite concretions are present in Section 3, 126 and 138 cm, and in Section 4, 97 cm.</p>
2		2				S	5Y 3/1	
3		3					10Y 3/1	
4		4				S	10Y 3/1 To 10GY 3/0	
5		5	Miocene				10Y 3/1	
6		6					10Y 3/1 To 10GY 3/0	
7		7					10Y 3/1 To 10Y 4/1	
9	CC					M		



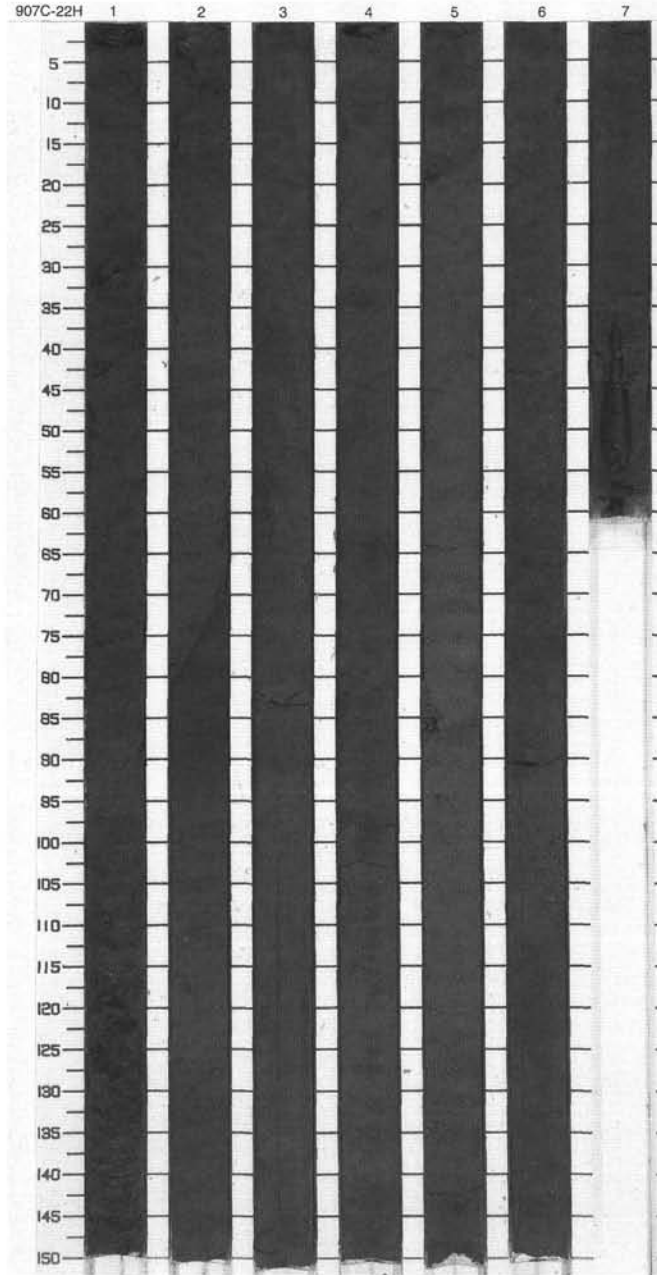
SITE 907 HOLE C CORE 21H

CORED 186.6 - 196.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	Miocene	P	W		10Y 3/1	CLAY WITH SILT  General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT. The sediment is generally firm, with softer intervals. Subtle shadings and color layers occur throughout the core. A 5-cm-long pyrite nodule is present in Section 6, 3-8 cm. Pyrite occurs in layers and scattered throughout the core. The sediment surface sparkles due to sand-sized glass shards.
2	[Dotted pattern]	2						
3	[Dotted pattern]	3		P				
4	[Dotted pattern]	4						
5	[Dotted pattern]	5		S				
6	[Dotted pattern]	6						
7	[Dotted pattern]	7		S				
8	[Dotted pattern]	8						
9	[Dotted pattern]	9	P	WW				
CC	[Dotted pattern]	CC			M			



Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	Miocene	~				<p>CLAY WITH SILT and CLAY</p> <p>General Description: This core contains very dark greenish gray (10Y 3/1) CLAY WITH SILT alternating with very dark gray (5Y 3/1) CLAY. The sediment is very firm and homogeneous. Section 5, 86 cm contains 3 cm-long pyrite nodule. Faint blackish bands are scattered at Sections 3 and 4. Color change is subtle and gradational throughout the core. Section 7, 37-bottom is slightly disturbed due to coring. Slight bioturbation occurs throughout.</p>
2	[Dotted pattern]	2		~		S	10Y 3/1	
3	[Dotted pattern]	3		~				
4	[Dotted pattern]	4		~			5Y 3/1	
5	[Dotted pattern]	5		~		S	10Y 3/1	
6	[Dotted pattern]	6		~				
7	[Dotted pattern]	7		~	⊖	S	5Y 3/1	
8	[Dotted pattern]	8		~			10Y 3/1	
9	[Dotted pattern]	9		~				
					I	M		



SITE 907 HOLE C CORE 23H CORED 205.6 - 215.1 mbsf

Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	~	-	-	10Y 3/1	<p>CLAY WITH SILT</p> <p>General Description:                      This core contains very dark greenish gray (10Y 3/1) and very dark gray (5Y 3/1 to 5Y 2/1) CLAY WITH SILT. Color changes are gradational. Sediment is firm to hard throughout the core, and slightly bioturbated in several sections. Some mm-sized burrows filled with light sediment occur in Sections 2 to 6. Few disseminated ashes are dispersed in all sections but do not form distinct layers. Pyrite concretions are present in Section 4, 12 cm, and in Section 6, 112 cm.</p>
2		2				5Y 2/1	
3		3				10Y 3/1	
4		4				5Y 3/1	
5		5				P	
6		6					
7	7	5	P	S	10Y 3/1		
8	8	6	~	-	-		
9	9	6					P
		CC			M		

