

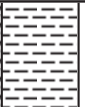
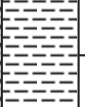
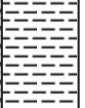
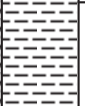
SITE 1034 HOLE A CORE 1H CORED 0.0 - 9.5 mbsf

1034A-1H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1			○	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core is composed of gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with subordinate massive intervals at Section 3, 49-75 cm; Section 4, 66-76 cm; Section 6, 73-76 cm; Section 7, 9-30 cm. The upper 104 cm is disturbed but contains laminae.</p> <p>Lamina thickness: Lamina thickness is between 10-15 mm.</p>
2		2			○	
3		3			○	
4		3			○	
5		4	Holocene		○	
6		5			○	
7		5			○	
8		6			○	
9		7			○	
10		CC			○	

SITE 1034 HOLE B CORE 1H CORED 0.0 - 4.2 mbsf

1034B-1H 1 2 3 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene		○○○○○○○○○○○○○○○○○○○○	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: DIATOMACEOUS MUD ranging in color from dark bluish gray to black in Section 1, grading to dark gray.</p> <p>General Description: The entire core is pervasively disturbed by gas escape.</p>
2		2			∞∞∞∞∞∞∞∞∞∞∞∞∞∞∞∞	
3		3			∞∞∞∞∞∞∞∞∞∞∞∞∞∞∞∞	
4		CC			∞∞∞∞∞∞∞∞∞∞∞∞∞∞∞∞	

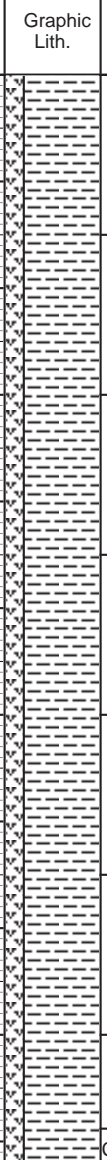
SITE 1034 HOLE B CORE 2H CORED 4.2 - 13.7 mbsf

1034B-2H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene		~~~~~	<p>DIATOMACEOUS MUD</p> <p>General Description: Sections 1 through 4 are pervasively disrupted by gas escape making assessment of the degree of lamination difficult. Sections 5 through CC are generally well laminated. Massive intervals occur in Section 6, 63-82 cm; 142-144 cm.</p> <p>Lamina thickness: In Sections 5 through 7, lamina thickness varies from 6 - 10 mm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8		CC				

SITE 1034 HOLE B CORE 3H CORED 13.7 - 23.2 mbsf

1034B-3H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section Age	Structure	Disturb	Description	
1		1			<p>DIATOMACEOUS MUD</p> <p>General Description: The sediment is mainly well laminated with some indistinctly laminated and massive intervals. A massive intervals occurs at Section 5, 136-150 cm. Indistinctly laminated intervals occur at Section 2, 73-83 cm; Section 7, 28-48 cm; and CC.</p> <p>Lamina thickness: Laminae range from 5 mm to 15 mm in thickness and generally are present in packets of similar thickness.</p>	
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
8		6				
9		7				
10		CC		~		

SITE 1034 HOLE B CORE 4H CORED 23.2 - 32.7 mbsf

1034B-4H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene			<p>DIATOMACEOUS MUD</p> <p>General Description: The sediment is mainly well laminated with occasional massive intervals at: Section 5, 136-150 cm. Indistinctly laminated intervals occur at Section 2, 26-40 cm; 132-141 cm Section 6, 40-42 cm; and 58-62 cm; Section 7, 74-84 cm. Gray silty clay laminae are locally common (e.g. Section 4, 84 cm) and a rare sand lamina occurs at Section 6, 42 cm.</p> <p>Lamina thickness: Laminae range in thickness between 6-10 mm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8						
9						
10		CC			W	



o

o ↗

o ↗

W

SITE 1034 HOLE B CORE 5H CORED 32.7 - 42.2 mbsf

1034B-5H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene	↑		<p>DIATOMACEOUS MUD</p> <p>General Description: The sediment is mainly well laminated with occasional massive intervals at: Section 3, 49-54 cm; Section 66-79 cm; Section 7, 0-4 cm.</p> <p>Lamina thickness. Laminae range in thickness between 5 mm in Section 1 and 10 mm in Section 2.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8						
9						
10		CC			W	

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene			<p>DIATOMACEOUS MUD</p> <p>General Description: The sediment is mainly well laminated with thin intercalated massive and indistinctly laminated. Massive intervals occur at: Section 2, 89-102 cm; 141-144 cm; Section 66-79 cm; Section 7, 3-9 cm. Indistinctly laminated intervals occur at: Section 2, 102-106 cm; Section 5, 120-150 cm; Section 5, 78-150 cm.</p> <p>Lamina thickness: Laminae range in thickness between 5 mm in Section 1 and 10 mm in Section 2.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8		8				
9		9				
10		CC				

SITE 1034 HOLE B CORE 7H CORED 51.7 - 61.2 mbsf

1034B-7H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section Age	Structure	Disturb	Description		
1		1	↕	-A	<p>DIATOMACEOUS MUD</p> <p>Minor Lithologies: A 2 cm-thick VOLCANIC ASH occurs in Section 1 2-4 cm.</p> <p>General Description: The sediment is mainly well laminated in Section 1 to Section 2, 66 cm. From Section 2, 66 cm to CC, 1-15 cm-thick packets of well laminated, indistinctly laminated and massive sediment are intercalated.</p> <p>Lamina thickness: Laminae range in thickness between 4 mm - 8 mm.</p>		
2		2				↕	
3		Holocene	3	⊗			
4						4	⊗
5						5	⊗
6		6	⊗	⊗			
7		7	⊗	⊗			
8	8	⊗	⊗				
9	9	⊗	↕				
		CC					



SITE 1034 HOLE B CORE 8H CORED 61.2 - 70.7 mbsf

1034B-8H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene	✕		DIATOM-BEARING MUD
				✕		Minor Lithologies: Gray SILTY CLAY occurs as two interbeds in Section 5. The lower of these at 97-127 cm has a very sharp base in contact with underlying olive gray DIATOM-BEARING MUD.
2				✕		General Description: The sediment is predominantly massive but contains 1-15 cm-thick packets of well laminated, indistinctly laminated sediment. Shell fragments are common to abundant throughout.
				Ca		Lamina thickness: Laminae range in thickness between 4 mm - 9 mm.
3				✕		
				Ca		
4				✕		
5						
6		4		✕		
				✕		
7		5		✕		
				✕		
8		6		✕		
				✕		
9		7		✕		
				✕		
		CC				

SITE 1034 HOLE B CORE 9H CORED 70.7 - 80.2 mbsf

1034B-9H 1 2 3 4 5 CC

Meter	Graphic Lith.	Section Age	Structure	Disturb	Description
1		1			<p>CLAYEY SILT</p> <p>Major Lithology: The dominant lithology is CLAYEY SILT, olive gray grading down core to gray.</p> <p>Minor Lithologies: Interbeds of gray SAND, ranging from 1-20 cm in thickness occur.</p> <p>Note: The original core liner for this core collapsed and the sediment was placed in a new core liner on the catwalk.</p>
2		2			
3		3			
4		4			
5		4			
6		5			
7		CC			

SITE 1034 HOLE B CORE 10H CORED 80.2 - 89.7 mbsf

1034B-10H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene	rsl		<p>SILTY CLAY AND CLAYEY SILT</p> <p>Major Lithology: This core is composed of gray CLAYEY SILT and SILTY CLAY.</p> <p>Minor Lithologies: Thin beds and blebs of gray SILT and SAND are common in Sections 1,2,5.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8	CC					



SITE 1034 HOLE B CORE 11H CORED 89.7 - 99.2 mbsf

1034B-11H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene			<p>SILTY CLAY AND CLAYEY SILT</p> <p>Major Lithology: The sediments in this core comprise massive gray SILTY CLAY and CLAYEY SILT.</p> <p>Minor Lithologies: Rare blebs and patches of SAND occur in Sections 1 and 5.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8	CC					



SITE 1034 HOLE B CORE 12H CORED 99.2 - 108.7 mbsf

1034B-12H 1 2 3 4 5 6

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene			<p>SILTY CLAY AND CLAYEY SILT</p> <p>Major Lithology: The dominant lithology in this core is massive gray SILTY CLAY and CLAYEY SILT. Minor, very thin, silty partings occur in Section 1.</p> <p>Minor Lithologies: Rare blebs, patches and disseminated grains of SAND occur in Sections 2, 5 and 6.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7						
8						



SITE 1034 HOLE B CORE 13H CORED 108.7 - 118.2 mbsf

1034B-13H 1 2 3 4 5 6 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene			<p>SILTY CLAY AND CLAYEY SILT</p> <p>Major Lithology: The sediment in this core is massive gray SILTY CLAY AND CLAYEY SILT.</p> <p>Minor Lithologies: Thin laminae, partings and blebs of gray SAND occur Sections 1, 3, 4, 5.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		CC				

SITE 1034 HOLE C CORE 1H CORED 0.0 - 8.0 mbsf

1034C-1H 1 2 3 4 5 6 CC

Meter	Graphic Lith.	Section Age	Structure	Disturb	Description
0					
1		1			<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The entire core is composed of gray to dark gray (8Y4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: Sections 1 and 2 are fluid-rich and soupy and internal structures are difficult to discern.</p> <p>Sections 3 - 6 are mainly well laminated with two massive intervals at Section 3, 106-130 cm, and Section 5, 77-103 cm.</p>
2		2			
3		3			
4		3			
5		4			
6		4			
7		5			
8		6			
		CC			



SITE 1034 HOLE C CORE 2H CORED 8.0 -17.5 mbsf

1034C-2H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The entire core is composed of gray to dark gray (8Y4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with massive intervals at Section 1, 139 cm, to Section 2, 99 cm; Section 2, 144 cm, to Section 3, 36 cm; Section 3, 119-130 cm and 139-144 cm; Section 4, 76-95 cm and 132 cm, to Section 5, 19 cm; Section 6, 49-65 cm and 109 cm, to CC. Many of the massive intervals are underlain by 10-30 mm of disrupted laminae.</p> <p>Lamina thickness: This ranges from 4 to 6 mm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8			Holocene			
9						
10		CC				

SITE 1034 HOLE C CORE 3H CORED 17.5 - 27.0 mbsf

1034C-3H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The entire core is composed of gray to dark gray (8Y4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with massive intervals at Section 4, 102-104 cm; 127-141 cm; Section 6, 11-31 cm. In Section 3, 57-60 cm, laminae are contorted by angular folds. The massive intervals contain a few cm of disrupted laminae at their base.</p> <p>Lamina thickness: Section 1: 11 mm average, Section 2: 11 mm average, Section 3: 13 mm average in upper part, Section 4: 5 mm average, Section 5: 6 mm average, Section 6: 8 mm average, Section 7: 6 mm average.</p>
2		2				
3		3				
4		4				
5		5	Holocene			
6		6				
7		7				
8		8				
9		9				
10		10				

SITE 1034 HOLE C CORE 4H CORED 27.0 - 36.5 mbsf

1034C-4H 1 2 3 4 5 6 7 CC

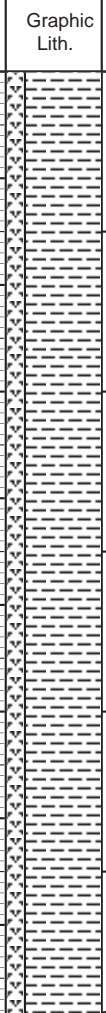
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The entire core is composed of gray to dark gray (8Y4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with massive intervals at Section 1, 1-12 cm; 114-121 cm; Section 6, 108-117 cm, 139-150 cm; Section 7, 6-8 cm. Orange colored aggregates of calcite occur in Sections 3 and 4. The massive intervals contain a few cm of disrupted laminae at their base.</p> <p>Lamina thickness: Sections 1,2: 8 mm average, Section 2: 8 mm average, Section 3: 10 mm average in upper part, Section 4: 9 mm average, Sections 5,6: 8 mm average.</p>
2		2				
3		3			C	
4		4	Holocene		C	
5		5				
6		6				
7		7				
8		CC				

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The entire core is composed of gray to dark gray (8Y4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with massive intervals at Section 2, 101-111 cm; Section 6, 13-17 cm. Fragments of charcoal are present in Section 4, 12 cm. The massive intervals contain a few cm of disrupted laminae at their base.</p> <p>Lamina thickness: Average is 8-9 mm.</p>
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
8		CC				

SITE 1034 HOLE C CORE 6H CORED 46.0 - 55.5 mbsf

1034C-6H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene - Pleistocene			<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The entire core is composed of gray to dark gray (8Y4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: Section 1 is well laminated with one thin massive interval at Section 1, (138-143) cm. Sections 2 to CC contain indistinctly laminated sediment with thin massive intervals at Section 6, 30-34 cm, and 103-105 cm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
10		CC				

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene			<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The entire core is pervasively disrupted.</p>
2		2		⊗		
3		3				
4		4				
5		5		⊗		
6		6		⊗		



SITE 1034 HOLE C CORE 8H CORED 65.0 - 74.5 mbsf

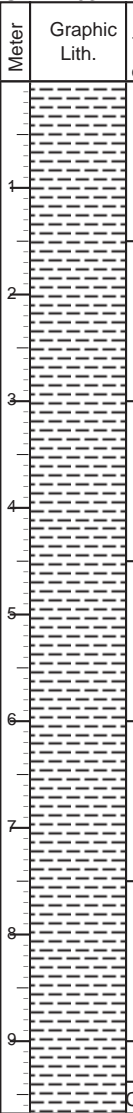
1034C-8H 1 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene	<ul style="list-style-type: none"> ○ ∅ ∅ ∅ 	<ul style="list-style-type: none"> ∇ ∇ 	<p>SILTY CLAY</p> <p>Major Lithology: The core comprises highly disrupted gray SILTY CLAY.</p> <p>General Description: A hard dolomitized (?) concretion with preserved laminae is present at the top of the core.</p>



SITE 1034 HOLE C CORE 9H CORED 74.5 - 84.0 mbsf

1034C-9H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section Age	Structure	Disturb	Description	
1		1	...		<p>SILTY CLAY</p> <p>Major Lithology: The entire core comprises gray SILTY CLAY.</p> <p>General Description: Thin beds of SAND and thin SILT laminae are common.</p>	
2		2	...			
3		3	...			
4		4	Pleistocene	...		
5		5	...			
6		6	...			
7		7	...			
8	CC					

SITE 1034 HOLE C CORE 10H CORED 84.0 - 93.5 mbsf

1034C-10H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene	...		<p>SAND and SILTY CLAY</p> <p>Major Lithologies: The core is composed mainly of gray SAND with thin to medium interbeds of gray SILTY CLAY.</p> <p>General Description: The sand beds which range in thickness from a few cm to 2 m are commonly graded from coarse to very fine sand grade. Several of the bedding contacts are contorted, and locally, blebs of mud are contained within sand.</p>
2		2		▲ ₁ F		
3		3		▲ ₁ F		
4		4		▲ ₁ F		
5		5		▲ ₁ F		
6		6		▲ ₁ F		
7		7		▲ ₁ F		
8		8	...			
9		9	...			
CC		CC		○		

SITE 1034 HOLE C CORE 11H CORED 93.5 -103.0 mbsf

1034C-11H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene	—		<p>SILTY CLAY</p> <p>Major Lithology: The dominant sediment in this core is gray SILTY CLAY.</p> <p>Minor Lithologies: The gray SILTY CLAY is intercalated with thin laminae of SILT and SAND commonly arranged in packets. Small blebs of SAND also occur.</p> <p>General Description: Pebbles occur in Sections 2 through 5.</p>
2		2		◇		
3		3		◇	—	
4		4		◇	—	
5		5		—	—	
6		6		—	—	
7		7		—	—	
8		6		—		
9		7		—		
		CC				



SITE 1034 HOLE D CORE 1H CORED 0.0 - 5.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
0		1	Holocene	-	○ ○	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises dark gray (8Y 3/1) to black DIATOMACEOUS MUD.</p> <p>General Description: The core is soupy in Section 1, below which it appears to be well laminated but locally has a "mousse" like texture due to gas escape. A massive (unlaminated) interval occurs in Section 3.</p> <p>Lamina thickness Average thickness ranges from 11-14 mm with diatom laminae up to 5 mm.</p>
1		2				
2		3				
3		4				
4						
5						
5.7						

1034D-1H 1 2 3 4 CC



Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with subordinate massive intervals at Section 1, 83-94 cm; Section 3, 88-92 cm; Section 4, 22-39 cm; Section 5, 28-44 cm; Section 6, 103-123 cm; Section CC, 0-22 cm. Several of the massive intervals have disaggregated lamina fragments in their basal few cm.</p> <p>Lamina thickness: Sections 1 through 4: 10 mm; Section 5: 11 mm; Sections 6, 7: 9 mm.</p>
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
8		CC				

SITE 1034 HOLE D CORE 3H CORED 15.2 - 24.7 mbsf

1034D-3H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene		---	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with subordinate massive intervals at Section 1, 57-73 cm; Section 6, 63-65 cm; 90-106. The massive intervals have disaggregated lamina fragments in their basal few cm. Laminae are inclined and truncated in Section 9, 29 cm. A distinctive orange bleb occurs in Section 5, 107 cm.</p> <p>Lamina thickness: Sections 1 and 2, 9-10 mm; Sections 3, 4: 13 mm; Sections 5 through 7: 7-8 mm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8		CC				



Meter	Graphic Lith.	Section Age	Structure	Disturb	Description
1		1			<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with subordinate massive intervals at Section 1, 16-19 cm; Section 2, 33-47 cm and 142-150 cm; Section 4, 146-148 cm; Section 6, 90-92 cm and 108-111 cm. The massive intervals have disaggregated lamina fragments in their basal few cm.</p> <p>Lamina thickness: Sections 1-5: 7 mm; Sections 6, 7: 9 mm.</p>
2		2			
3		3			
4		4			
5		5			
6		6			
7		7			
8		CC			

Holocene

SITE 1034 HOLE D CORE 5H CORED 34.2 - 43.7 mbsf

1034D-5H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated with subordinate massive intervals at Section 1, 102-105 cm; Section 2, 110-119 cm. The massive intervals have disaggregated lamina fragments in their basal few cm. A distinctive orange bleb occurs in Section 3, 117 cm.</p> <p>Lamina thickness: 6-7 mm.</p>
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
		CC				

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene - Pleistocene		-	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is well laminated with intervals of indistinct laminae which become more dominant towards the base of the core. Massive intervals occur at Section 2, 116-118 cm; Section 2, 125-129 cm; Section 7, 10-17 cm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8		CC				

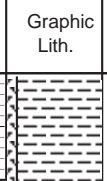
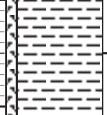
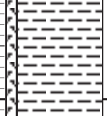
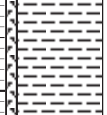
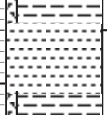
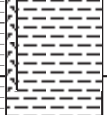
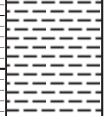
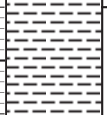
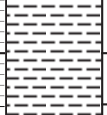
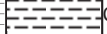


SITE 1034 HOLE D CORE 7H CORED 53.2 - 62.7 mbsf

1034D-7H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The dominant lithology is gray (8Y 4/1) DIATOMACEOUS MUD.</p> <p>Minor Lithologies: A 2-cm-thick gray VOLCANIC ASH occurs in Section 1, 86-88 cm.</p> <p>General Description: The sediment is mainly discontinuously laminated with a few remnant distinct laminae.</p> <p>Lamina thickness: Around 4 mm.</p>
2		2				
3		3				
4		4	Pleistocene			
5		5				
6		6				
7		7				
CC		CC				



Meter	Graphic Lith.	Section Age	Structure	Disturb	Description
1		1	Ø	Ø	<p>DIATOMACEOUS MUD and SILTY CLAY</p> <p>Major Lithologies: The sediment in the upper part of the core is gray (8Y 4/1) DIATOMACEOUS MUD. In the lower part of the core the sediment is a gray SILTY CLAY.</p> <p>Minor Lithologies: A distinctive bed of gray (N4) CLAY occurs in Section 3, 143 cm, to Section 4, 57 cm.</p> <p>General Description: The core is mainly structureless although there is some coring disturbance throughout which makes determination of fine structure difficult.</p>
2		2	Ø	Ø	
3		3	Ø	Ø	
4		4	Ø	Ø	
5		5	Ø	Ø	
6		6	Ø	Ø	
7		7	Ø	Ø	
8		8	Ø	Ø	
9		9	Ø	Ø	
		CC	Ø	Ø	



SITE 1034 HOLE D CORE 9H CORED 72.2 - 81.7 mbsf

1034D-9H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	•••	∅		<p>SILTY CLAY</p> <p>Major Lithology: The core comprises gray SILTY CLAY.</p> <p>Minor Lithologies: SAND and SILT occur as thin beds, often graded and as laminae or blebs.</p> <p>General Description: The SILTY MUD appears mainly structureless although burrow mottling is observed on partly oxidized surfaces.</p> <p>Note: Expanded material from Sections 3, 4, 5, and 6 is shown at the bottom of the photograph. This material continues from the 150-cm level in each section.</p>
2		2		∞	∅	
3		3		∞	∅	
4		4		∞	∅	
5		5		∞	∅	
6		6		∞	∅	
7		7		∞	∅	
8		CC		•••		

Pleistocene

SITE 1034 HOLE D CORE 10H CORED 81.7 - 91.2 mbsf

1034D-10H 1 2 3 4 5 6 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene	∞ ∞ ⊗		<p>SANDY MUD</p> <p>Major Lithology: The core is composed of gray SANDY MUD.</p> <p>General Description: Other than the top 126 cm which reveals moderately bioturbated sediment, the entire core is pervasively deformed by coring.</p>
2		2		⊗		
3		3		⊗		
4		4		⊗		
5		5		⊗		
6		6		⊗		
CC						

SITE 1034 HOLE D CORE 11H CORED 91.2 - 100.7 mbsf

1034D-11H 1 2 3 4 5 6 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene	◇		<p>SILTY CLAY</p> <p>Major Lithology: The core comprises gray SILTY CLAY.</p> <p>Minor Lithologies: Sand and Silt occur as thin beds, laminae and in pods throughout the core.</p> <p>General Description: Scattered sand and granules are common throughout the core. Pebbles occur (as indicated) in isolation or in groups.</p>
2		—				
3		—				
4		◇				
5		—				
6		—				
7		—				
8		◇				
9		◇				
		CC				



SITE 1034 HOLE E CORE 1H CORED 0.0 - 4.0 mbsf

1034E-1H 1 2 3 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene		○○○○○	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: A single massive interval occurs at the base of the core. The upper meter is black soupy mud.</p> <p>Lamina thickness: Average lamina thickness is 15 mm.</p>
2		2				
3		3				
4		CC				



SITE 1034 HOLE E CORE 2H CORED 4.0 - 13.4 mbsf

1034E-2H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The core is mainly well laminated with subordinate massive intervals at: Section 1, 117-123 cm; Section 3, 127-136 cm; Section 4, 69-83 cm; Section 5, 83-97 cm; Section 6, 97-99 cm; Section 7, 17-41 cm. Several of the massive intervals have a thin zone of fragmented laminae in their basal 1-2 cm.</p>
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
9		CC				

SITE 1034 HOLE E CORE 3H CORED 13.4 - 23.0 mbsf

1034E-3H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene			<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The core is mainly well laminated with subordinate massive intervals at Section 1, 138 cm, to Section 2, 5 cm; and Section 7, 9-13; 37-53 cm. The massive intervals have a thin zone of fragmented laminae in their basal 1-2 cm.</p> <p>Lamina thickness: Sections 1, 2: 9 mm; Section 3: 13 mm; Section 4: 12 mm; Section 5: 10 mm; Sections 6, 7: 7-8 mm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8		8				
9		9				
10		10				
11		11				
12		12				
13		13				
14		14				
15		15				
16		16				
17		17				
18		18				
19		19				
20		20				
21		21				
22		22				
23		23				

SITE 1034 HOLE E CORE 4H CORED 23.0 - 32.5 mbsf

1034E-4H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The core is mainly well laminated with subordinate massive intervals at: Section 2, 128-142 cm; Section 3, 96-110 cm. The massive intervals have a thin zone of fragmented laminae in their basal 1-2 cm.</p> <p>Lamina thickness: Sections 1, 2: 4-6 mm; Section 3: 4-10 mm; Section 4: 5-8 mm; Section 5: 5-7 mm; Section 6: 7-10 mm; Section 7: 7-8 mm. Sections 6, 7: 7-8 mm.</p>
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
8						
9						
10		CC				

SITE 1034 HOLE E CORE 5H CORED 32.5 - 42.0 mbsf

1034E-5H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section Age	Structure	Disturb	Description
1		1			<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The core is mainly well laminated with subordinate massive intervals at Section 1, 37-49 and 70-78 cm; Section 2, 36-47 cm; and Section 4, 127-137 cm. The massive intervals have a thin zone of fragmented laminae in their basal 1-2 cm.</p> <p>Lamina thickness: Sections 1-5: 4-6 mm; Sections 5, 6: 6-8 mm.</p>
2		2			
3		3			
4		4			
5		5			
6		6			
7		7			
8	CC				

SITE 1034 HOLE E CORE 6H CORED 42.0 - 51.5 mbsf

1034E-6H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1				<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The core comprises gray to dark gray (8Y 4/1 to 8Y 3/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly well laminated in Sections 1 through 4 with intervals of indistinct or discontinuous laminae. In Sections 5 through CC the sediment is mainly indistinctly laminated, with thin intervals of well laminated sediment.</p> <p>Lamina thickness: Lamina thickness ranges between 3 and 6 mm.</p>
2		2				
3		3				
4		4	Holocene			
5		5				
6		6				
7		7				
8		CC				

SITE 1034 HOLE E CORE 7H CORED 51.5 - 61.0 mbsf

1034E-7H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene		-	<p>DIATOMACEOUS MUD</p> <p>Major Lithology: The sediment in this core comprises gray (8Y 4/1) DIATOMACEOUS MUD.</p> <p>General Description: The sediment is mainly indistinctly laminated with rare intervals of well-preserved laminae (4-6 mm thick) in Section 1. Distinct thin intervals of massive (structureless) mud occur in Sections 2, 3 and 6. A zone of contorted bedding occurs in Section 4, 77-82 cm.</p>
2		2				
3		3				
4		4				
5		5				
6		6				
7		7				
8	CC					

SITE 1034 HOLE E CORE 8H CORED 61.0 -70.5 mbsf

1034E-8H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Holocene - Pleistocene	⊗	-	DIATOMACEOUS MUD and SILTY CLAY
2		2		⊗		Major Lithologies: The sediment in this core comprises gray (8Y 4/1) DIATOMACEOUS MUD and SILTY CLAY.
3		3		⊗		Minor Lithologies: Section CC contains a distinctive gray (N3) CLAY.
4		4		⊗		General Description: The sediment contains indistinct laminae or traces of laminae with few massive intervals between Sections 1 and Section 3, 72 cm. From here to Section 5, 90 cm the sediment is structureless, below which traces of laminae are, again, present.
5		5		⊗		
6		6		⊗		
7		7		⊗		
8		8		⊗		
9		9		⊗		
10		CC		⊗		



SITE 1034 HOLE E CORE 9H CORED 70.5 - 80.0 mbsf

1034E-9H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1		∅ ∅ ∅ ∅ ∅		<p>SILTY CLAY</p> <p>Major Lithology: The dominant lithology in the core comprises gray (8Y 4/1) SILTY CLAY.</p> <p>Minor Lithologies: Gray SAND and SILT occur as thin (mm -thick) laminae, occasional thin beds and as round blebs.</p> <p>General Description: Shell fragments are locally abundant in the core and a bed of shell debris occurs in Section 1, 86 cm.</p>
2		2		∅ ∞ ∞		
3		3		∞		
4		3		••• •••		
5		4	Pleistocene	— — —		
6		4				
7		5		•••		
8		6		•••		
9		6				
10		7		∞		
		CC				



SITE 1034 HOLE E CORE 10H CORED 80.0 - 89.5 mbsf

1034E-10H 1 2 3 4 5 6 7 CC

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Description
1		1	Pleistocene	⊙		<p>SILTY CLAY</p> <p>Major Lithology: The dominant lithology in the core comprises gray (8Y 4/1) SILTY CLAY.</p> <p>Minor Lithologies: Gray SAND occurs as vertical pipes (due to coring deformation) in Sections 2 through 6.</p> <p>General Description: Below a prominent concretion (containing preserved laminae) at Section 1, 70 cm, the entire core is pervasively disturbed by coring. Isolated pebbles and shell fragments occur throughout.</p>
2		2		⊗		
3		3		⊗		
4		4		⊗		
5		5		⊗		
6		6		⊗		
CC		CC				

