

CORE DESCRIPTIONS
VISUAL CORE DESCRIPTIONS, SITE 1099

1

Core Image

Site 1099 Hole A Core 1H					Cored 0.0-5.3 mbsf	
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	DISTURB.	SAMPLE	DESCRIPTION
1					—SS	MUD-BEARING DIATOM OOZE and MUDDY DIATOM OOZE
1				-----	—SS	Section 1 to Section 3, 10 cm: Mud bearing and muddy diatom ooze, olive (5Y 4/3), mostly massive, with isolated laminae of various colors. In Section 1, at 10 cm, very dark gray (2.4Y 3/2), 1 cm thick diffuse lamina occurs. Pale olive (5Y 6/3) diatom ooze lamina (1 cm thick) occurs at 49 cm. Section 2, at 132 cm there is a 2 mm thick laminae containing very fine sand (turbidite base). Below 132 cm, diffuse olive gray (5Y 4/2) laminae occur.
2				-----	—SS	
3				-----	—SS	Section 3, 10-75 cm: Olive (5Y 4/4) mud-bearing diatom ooze with dark patchy laminae that is mottled with one burrow. Prominent dark olive (5Y 3/2) laminae occur at 48 and 59 cm, lighter olive (5Y 5/3) lamina 1 cm thick occurs from 61-62 cm, at 73 cm a 1.7 cm thick olive (5Y 4/4) lamina with sharp contacts composed of mostly Chaetoceros spores occurs.
3				-----	—SS	
4				-----	—SS	Section 3, 75 cm through Section 4: Strongly bioturbated, olive (5Y 4/3 to 5Y 4/4) homogeneous mud bearing diatom ooze occurs. At Section 4, 30 cm, olive (5Y 4/4) lamina, 1 cm thick; from 31 cm to end of core, dark olive (5Y 3/2), patchy and bioturbated diatom ooze. The core catcher is mottled with olive and dark gray, weakly laminated and bioturbated.
5				-----	—SS	

CORE DESCRIPTIONS
VISUAL CORE DESCRIPTIONS, SITE 1099

3

Core Image

Site 1099 Hole A Core 3H					Cored 14.8-24.3 mbsf	
METERS	SECTION	GRAPHIC	LITH.	Bioturb.	SAMPLE	DESCRIPTION
			STRUCTURE	DISTURB.		
1					— SS	DIATOM OOZE and MUD-BEARING DIATOM OOZE Section 1, 0-22 cm: Laminated diatom ooze, olive gray (5Y 4/2) and olive (5Y 4/3), with laminae of various colors. Disturbed by burrowing. Section 1, 22-45 cm: Graded diatom ooze and mud bearing diatom ooze. Bioturbated at top. Section 1, 45-55 cm: Massive diatom ooze, olive (5Y 5/3). Highly bioturbated. Section 1, 55 cm to Section 4, 68 cm: Massive mud-bearing diatom ooze, olive gray (5Y 4/2). Only bioturbated by subvertical, non-fill burrows. Top mottled by bioturbation. 1 cm thick diffuse lamina occurs at Section 3, 75 cm.
2					— SS	
3					— SS	
4					— SS — SS	Section 4, 68 cm: Diatom-bearing terrigenous silt laminae (turbidite base) Section 4, 68-74 cm: Massive mud bearing diatom ooze, olive (5Y 5/3). Highly bioturbated. Section 4, 68 cm to Section 5, 87 cm: Laminated diatom ooze, olive gray (5Y 4/2) and olive (5Y 4/3), thin bedded and with laminae of various colors. Most bed show graded sequences, laminated at the bottom and intensively (mottled) burrowed at the top.
5					— SS	
6					— SS	Section 5, 87-90 cm: Massive diatom ooze, olive (5Y 5/3). Highly bioturbated. Section 5, 90 cm to Section 6, 80 cm: Massive mud-bearing diatom ooze, olive gray (5Y 4/2). Only bioturbated by subvertical, unfilled burrows. Top mottled by bioturbation.
7					— SS	
8					— SS	Section 6, 80 cm to bottom Core Catcher: Laminated mud-bearing diatom ooze, olive gray (5Y 4/2) and olive (5Y 4/3), thin bedded and with laminae of various colors. Most bed show graded sequences, laminated at the bottom and intensively (mottled) burrowed at the top.
9					— SS — SS	
7						

CORE DESCRIPTIONS
VISUAL CORE DESCRIPTIONS, SITE 1099

4

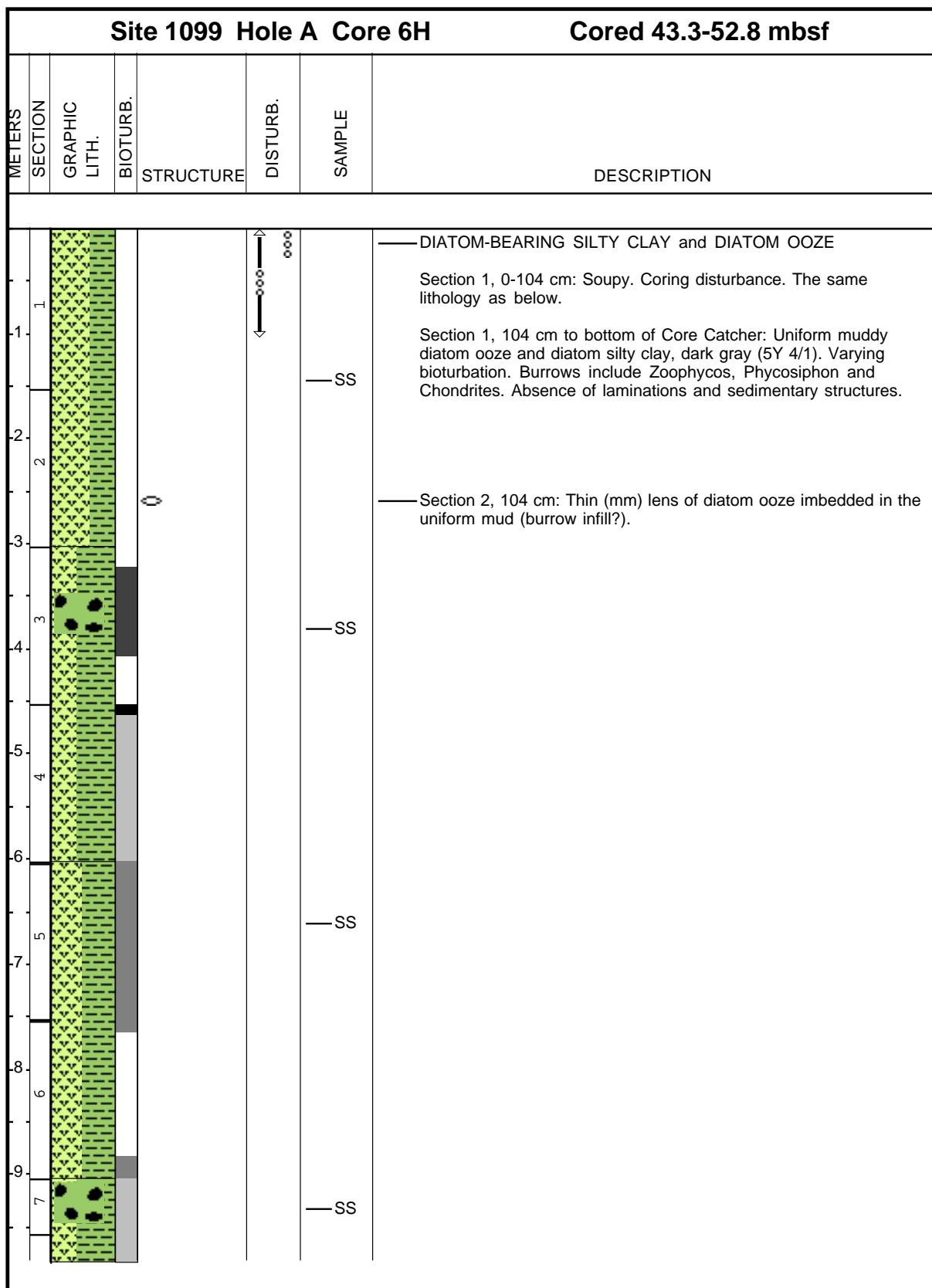
Core Image

Site 1099 Hole A Core 4H					Cored 24.3-33.8 mbsf		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
1							MUDDY DIATOM OOZE, DIATOM CLAYEY SILT, DIATOM-BEARING CLAYEY SILT and DIAMICT
1.0						SS	Section 1, 0 cm to Section 6, 50 cm: Muddy diatom ooze grading down to diatom clayey silt, olive gray (5Y 4/2), darker towards base. Disturbed in top 47 cm with remains of darker burrow mottles. Mica flakes conspicuous on surface in upper part of Section 6.
2							Five cm of material expanded from bottom of Section 1 was archived separately as residue.
3						SS	
4						SS	
5						SS	
6						SS	
7						SS	
8						SS	Section 6, 50-115 cm: Diatom clayey silt and diatom-bearing silty mud, dark gray to very dark gray (5Y 4/1 to 5Y 3/1).
9						SS	Section 6, 115 cm to Core Catcher: Clast poor diamict. Many sand grains, granules and pebbles up to 2 cm. Pebbles increase in abundance downwards. Burrow mottled, may have been originally laminated.
7						SS	Angular, 2.5 cm, schist pebble at Section 6, 135 cm; subangular, 2 cm, basalt pebble at Section 6, 145 cm.

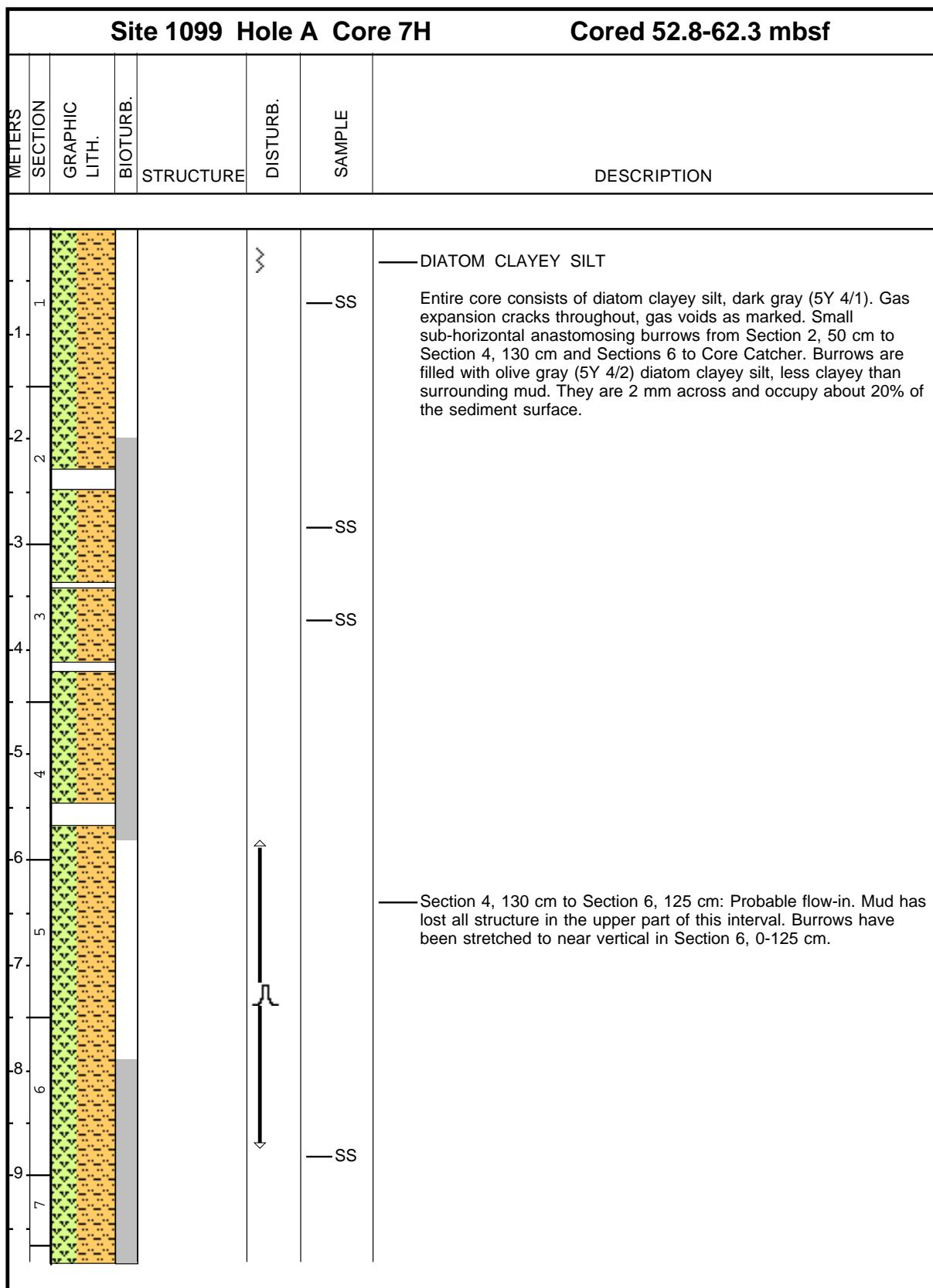
Core Image

Site 1099 Hole A Core 5H					Cored 33.8-43.3 mbsf		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
1						— SS	DIATOMACEOUS CLAYEY SILT, DIAMICT, and DIATOM OOZE Section 1 to Section 2, 20 cm: Clast poor diamict with diatomaceous clayey silt matrix, olive (5Y 4/3), pebbles are up to 2 cm in diameter and are subangular to subrounded, observed lithology of pebbles is basalt. Core is soupy in Section 1, and fractured by gas expansion in Section 2 to end of core.
2						— SS	Expanded material from core archived separately: Section 2: 5 cm from top and 5 cm from bottom Section 3: 10 cm from bottom Section 4: 2 cm from top Section 5: 5 cm from bottom
3						— SS	Section 2, 20 cm to 113 cm: Dark olive (5Y 3/2) clayey diatom ooze, dark mottles occur between 49-90, and 113 to 130 cm, massive very fine sand bed with sharp lower contacts and gradational upper contact. From 130-150 cm laminated mud.
4						— SS	Section 3, 15-30 cm: Folded laminae, possible slump, dark olive (5Y 3/2) clayey diatom ooze, angular felsic igneous rock at 100 cm, angular basalt with pyrite at 110 cm, subangular basalt at 134 cm, from 136-150 cm is thinly laminated with alternating dark and light laminae from 1 to 3 mm thick, dark laminae are diatom ooze with abundant Chaetoceros spores.
5						— SS	Section 4: Mottled black layer from 22 to 29 cm, disrupted laminae from 20 to 53 cm, possible slump, dark olive and black mottled layer from 70-90 cm, light gray lamina at 105-106 cm, thinly laminated from 134-150 cm, "orange laminae" at 130 cm (1 cm thick) and 140 cm (0.5 cm thick).
6						— SS	Section 5: Dark olive gray (5Y 3/2) diatomaceous silty clay , massive from 0-40 cm, laminated from 40-87 cm, thicker "orange" to "black" laminae occur from 40 to 60 cm; lighter overall color below 60 cm with few thin "black and yellow-orange" laminae. Massive olive brown (10Y 4/4) muddy diatom ooze occurs from 87 to 150 cm.
7						— SS	Section 6, 0-29 cm: Olive brown (10Y 4/2) massive clayey diatom ooze. From 29-40 cm, well developed silt laminae at top and bottom of interval, diffuse and mottled laminae from 30-37 cm. From 40-150 cm, massive with faint silt, wispy laminae, bioturbated(?)
8						— SS	Section 7 to end of Core: Massive olive (5Y 4/2) clayey diatom ooze, silty pod, 1 cm in diameter at 16 cm in Section 7.

Core Image



Core Image



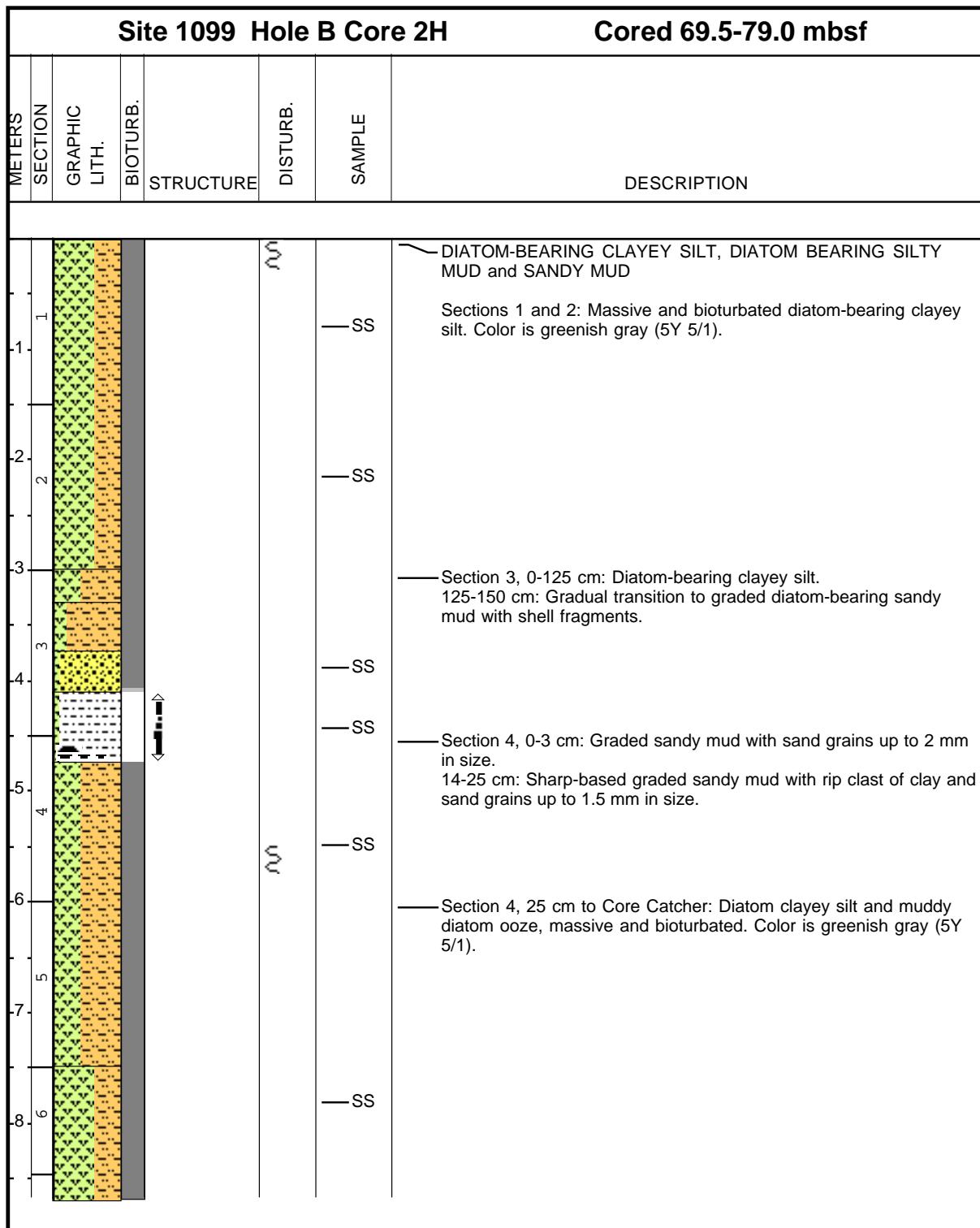
CORE DESCRIPTIONS
VISUAL CORE DESCRIPTIONS, SITE 1099

8

Core Image

Site 1099 Hole B Core 1H				Cored 60.0-69.5 mbsf	
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	DISTURB.	SAMPLE
					DESCRIPTION
1					DIATOM CLAYEY SILT
1.0				ooo	Sections 1-7 and Core Catcher: Diatom clayey silt, dark gray (5Y 4/1) with laminations expanded by gas. Diffuse mottling due to horizontal bioturbation. Section 1, 50-65 cm: Soupy due to coring disturbance.
2					
3					
4					
5					
6					
7					
8					
9					
7					

Core Image



Core Image

Site 1099 Hole B Core 3H					Cored 79.0-88.5 mbsf		
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	DISTURB.	SAMPLE	DESCRIPTION
1						SS	MUDDY DIATOM OOZE and MUD-BEARING DIATOM OOZE Section 1-7 and Core catcher: Massive, homogeneous mud-bearing and muddy diatom ooze with small subhorizontal burrows; with intervals of black laminae and orange staining. Color is predominantly olive gray (5Y 5/2). Some scattered ice rafted debris, with gas fractures and voids throughout core.
2						SS	Section 3, 0-145 cm: Intense bioturbation along horizontal surfaces, and the sediment is massive and not laminated.
3						SS	
4						SS	
5						SS	Section 5, 5 cm: Sharp-based bed of graded silt. 18-20 and 105-6 cm: Prominent black burrowed laminae. 47-48 cm: Prominent orange staining along burrows.
6						SS	
7						SS	
8						SS	Section 6, 39-62, 124-130 cm: Intervals of dark gray (N6) laminated muddy diatom ooze with orange staining along burrows.
9						SS	
10						SS	

Core Image

Site 1099 Hole B Core 4H					Cored 88.5-98.0 mbsf		
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
1							MUD BEARING DIATOM OOZE and SANDY SILT Section 1, 0-15 cm: Disturbed by coring. 15-90 cm: Decimetric alternations of olive green (5Y 5/2) and darker (5Y 3/2) beds of mud bearing diatom ooze. 90-150 cm: Uniform mud bearing diatom ooze which is burrowed throughout.
2						— SS	Section 2, 0-147 cm: Alternating bands of burrowed mud-bearing diatom ooze with horizontal light-colored burrows and diffuse laminated mud-bearing diatom ooze with Phycosiphon.
3						— SS	Section 3, 0-150 cm: Mud-bearing diatom ooze with decimetric thick bands of olive-colored (5Y 4/2) bioturbated facies with escape structures (Fugichnia) and darker, weakly laminated facies with abundant Phycosiphon traces (5Y 3/1).
4						— SS	Section 3, 0-134 cm: Alteration of olive green uniform mud-bearing diatom ooze with escape traces (Fugichnia) versus darker colored (anoxic) weakly laminated dark mud-bearing diatom ooze with Phycosiphon. This is repeated at different scales. Sharp-based turbidites with 1 cm thick sandy silt occur at 25, 89, 110, and 134 cm.
5						— SS	Section 4, 0-132 cm: Alternations as in previous section, olive green uniform mud-bearing diatom ooze with escape traces (Fugichnia) versus darker colored (anoxic) weakly laminated dark mud-bearing diatom ooze with Phycosiphon. At 87-120 cm a sharp-based turbidite has a 4 cm thick sandy silt bed at base.
6						— SS	Section 6, 0-150 cm: Laminated mud-bearing diatom ooze that is weakly bioturbated alternating with massive homogenous mud-bearing diatom ooze with no bioturbation.
7						— SS	Section 7, 0-33 cm: Mud-bearing diatom ooze with well preserved Fugichinia (trace escape structure).
8							
9							

Core Image

Site 1099 Hole B Core 5H					Cored 98.0-107.5 mbsf	
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	DISTURB.	SAMPLE	DESCRIPTION
1					SS	MUD BEARING DIATOM OOZE and MUDDY DIATOM OOZE Section 1, 0-14 cm: Sharp-based turbidite with sand-size laminae. 14-150 cm: Alternation of massive homogenous mud-bearing diatom ooze (olive green 5Y 5/6) with very finely laminated gray/black (N4) mud-bearing diatom ooze lacking bioturbation (anoxia). Upper parts of the dark intervals show increasing Phycosiphon. Olive green facies (5Y 5/6) contains horizontal escape traces that yellow when freshly scraped.
2					SS	Sections 2-5: Alternating facies of Phycosiphon-bioturbated dark laminae and more uniform olive green (5Y) mud-bearing diatom ooze with yellow grazing traces. Few gas voids present. Section 2, 0-65 cm: Sharp-based turbidites in mud-bearing diatom ooze with thin (mm) basal sand laminae at 22 and 65 cm.
3					SS	
4					SS	
5					SS	
6					SS	
7					SS	
8					SS	Section 6, 0-42 cm: Sand-based turbidite. 42-64 cm: Anoxic laminations with pyrite, diatoms and spores. 76-148 cm: Dark greenish gray (5G 5/1) laminated muddy diatom ooze.
9					SS	Section 7, 0-150 cm: Laminated dark gray (N4) muddy diatom ooze with abundant Phycosiphon.
10					SS	Core Catcher: Deformed by drilling.

CORE DESCRIPTIONS
SMEAR SLIDES, SITE 1099

Leg	Note: 0.5 equal to tr.				Size	Composition - Siliciclastic												Composition - Biogenic												Sediment or Rock Name								
	Site	Hole	Core	Type	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum (sand+silt)	Clay	sum (sand+silts+clay)	Feldspar	Quartz	Clay (too fine to identify)	Mica	Glaucite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terigenous (tot silicicl-clay counts)	Total clay + siliciclastic	Nanofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell Debris	unidentified/other
178.1099 A 1 H 1 10 0.1	ce	2	5 85 90 10	5.0 1.0 12.0 2.0																																Diatom ooze		
178.1099 A 1 H 1 50 0.5	ce	1	5 30 35 15	5.0 2.0 10.0 5.0																																Diatom ooze		
178.1099 A 1 H 1 80 0.8	ce	1	5 85 90 10	10.0 2.0 3.0 2.0																																Diatom ooze		
178.1099 A 1 H 2 130 2.8	ce	1	8 75 83 12	10.0 1.0 10.0 2.0																																Diatom ooze		
178.1099 A 1 H 3 30 3.3	ce	1	5 8 13 15	7.0	10.0 2.0																															Diatom ooze		
178.1099 A 1 H 3 73 3.7	ce	2	2 95 97 3	5																																Diatom ooze		
178.1099 A 1 H 3 130 4.3	ce	1	3 87 90 10	10.0 2.0 2.0																																Diatom ooze		
178.1099 A 1 H CC 11 5.1	ce	1	3 77 80 10	10.0 2.0 9.0 2.0																																Diatom ooze		
178.1099 A 2 H 1 100 6.3	ce	1	3 92 95 5	10.0 2.0 5.0 2.0																																Diatom ooze		
178.1099 A 2 H 2 27 7.1	ce	2	5 70 75 25	25.0 3.0 35.0 2.0																																Diatom ooze		
178.1099 A 2 H 2 138 8.2	ce	1	1 94 95 5	5.0 1.0 3.0 1.0																																Mud-bearing Diatom ooze		
178.1099 A 2 H 3 30 8.6	ce	2	3 92 95 5	5.0 2.0 5.0																																Diatom ooze		
178.1099 A 2 H 3 38 8.7	ce	2	3 90 93 2	10.0																															Diatom ooze			
178.1099 A 2 H 3 50 8.8	ce	1	3 92 95 5	10.0 2.0 2.0																																Mud-bearing Diatom ooze		
178.1099 A 2 H 4 40 10	cjp	1	0 90 90 10	15.0 5.0 10.0	5.0																															Muddy diatom ooze		
178.1099 A 2 H 4 76 11	ce	1	3 87 90 10	10.0 2.0 4.0 1.0																																Mud-bearing Diatom ooze		
178.1099 A 2 H 4 82 11	ce	2	5 85 90 10	8.0 2.0 5.0																																Diatom ooze		
178.1099 A 2 H 4 130 11	ce	1	5 85 90 10	10.0 2.0 5.0 2.0																																Mud-bearing Diatom ooze		
178.1099 A 2 H 5 100 12	cjp	1	1 89 90 10	15.0 5.0 10.0																																Muddy diatom ooze		
178.1099 A 2 H 5 106 12	ce	2	15 75 90 10	30.0 5.0 22.0 5.0																																Diatomaceous sandy silt		
178.1099 A 2 H 6 80 14	ce	1	3 92 95 5	10.0 5.0																																Mud-bearing Diatom ooze		
178.1099 A 3 H 1 50 15	am	1	0 90 90 10	3.0 2.0																																Diatom ooze		
178.1099 A 3 H 2 138 18	am	1	1 69 70 30	0.0 3.0 10.0																																diatom mud		
178.1099 A 3 H 4 68 20	am	1	3 70 73 27	25.0 6.0 10.0																																Diatomaceous clayey silt		
178.1099 A 3 H 4 85 20	am	1	0 30 30 70	5.0																																Diatom ooze		
178.1099 A 3 H 5 42 21	am	1	0 10 10 90	2.0																																Diatom ooze		
178.1099 A 3 H 6 64 23	am	1	1 40 41 59	8.0 1.0 2.0																																Diatom ooze		
178.1099 A 3 H 6 148 24	am	1	0 60 60 40	10.0 1.0 2.0																																Diatom ooze		
178.1099 A 3 H 7 6 24	am	1	0 80 80 20	10.0 1.0 7.0																																Diatom ooze		
178.1099 A 4 H 1 70 25	cjp	1	1 79 80 20	15.0 3.0 15.0 1.0	5.0																															Diatom ooze		
178.1099 A 4 H 3 70 28	cjp	1	1 79 80 20	25.0 5.0 15.0	12.0	1.0	1.0																												Diatomaceous clayey silt			
178.1099 A 4 H 5 60 31	cjp	1	1 79 80 20	30.0 6.0 20.0	10.0	3.0	1.0																												Diatomaceous clayey silt			
178.1099 A 4 H 6 60 32	cjp	1	20 70 90 10	30.0 10.0 10.0 2.0	15.0	2.0	1.0																												Diatomaceous silty mud			
178.1099 A 4 H 6 120 33	cjp	1	1 79 80 20	38.0 5.0 15.0 1.0	8.0	1.0	1.0																												Diatomaceous clayey silt			
178.1099 A 4 H 7 60 34	cjp	1	1 60 70 30	35.0 7.0 25.0 0.5	10.0	2.0	1.0																												Diatom-bearing silty mud			
178.1099 A 5 H 1 80 35	eac	1	5 70 75 25	28.0 15.0 20.0																																Diatomaceous clayey silt		
178.1099 A 5 H 2 75 36	eac	1	2 88 90 20	20.0 2.0 14.0																																Diatom ooze		
178.1099 A 5 H 3 137 38	eac	1	6 40 46 64																																	Diatom ooze		
178.1099 A 5 H 4 84 39	eac	2	3 35 38 62	10.0 6.0 55.0 4.0																																Diatomaceous silty clay		
178.1099 A 5 H 5 57 41	ce	2	10 75 85 15	20.0 3.0 18.0																																Diatom ooze		
178.1099 A 5 H 5 76 41	ce	1	3 87 90 10	10.0 2.0 18.0 2.0																																Diatom ooze		
178.1099 A 5 H 5 120 41	eac	1	5 40 45 65																																	Diatom ooze		
178.1099 A 6 H 1 143 45	am	1	0 50 50 50	10.0 2.0	20.0																														Diatom-bearing silty clay			
178.1099 A 6 H 3 76 47	am	1	0 30 30 70	5.0	25.0																														Diatom ooze			
178.1099 A 6 H 5 56 50	am	1	0 40 40 60	13.0	28.0																														Diatom-bearing silty clay			
178.1099 A 6 H 7 27 53	am	1	0 35 35 65	15.0 3.0	30.0																															Diatom-bearing silty clay		

CORE DESCRIPTIONS
SMEAR SLIDES, SITE 1099

Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mod)	Described by	Major lithology (1)	Minor lithology (2)	Size	Composition - Siliciclastic										Composition - Biogenic										Sediment or Rock Name							
													Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glaucite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silicl-clay counts)	Total clay + siliciclastic	Nanofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell Debris	unidentified/other
178.1099	A	7	H	1	70	54			cjp	1		5	65	70	30		25.0	7.0	25.0	1.0															40	Diatomaceous clayey silt				
178.1099	A	7	H	2	133	56			cjp	2		5	75	80	20		30.0	7.0	15.0	1.0	5.0		1.0												40	Diatomaceous clayey silt				
178.1099	A	7	H	3	70	57			cjp	1		2	68	70	30		25.0	7.0	25.0	1.0															40	Diatomaceous clayey silt				
178.1099	A	7	H	6	130	62			cjp	1		2	68	70	30		20.0	4.0	25.0	2.0	5.0		3.0												40	Diatomaceous clayey silt				
178.1099	B	2	H	1	78	70			wlf	1		12	55	67	33		12.0	8.0	2.0		13.0														40	Diatomaceous clayey silt				
178.1099	B	2	H	2	64	72			wlf	2		3	95	98	2		2.0	1.0	0.0		1.0														40	Diatom ooze				
178.1099	B	2	H	3	86	73			wlf	1		45	45	90	10		20.0	10.0	9.0	7.0	28.0		2.0	1.0	3.0	5.0	7.0	76	85	93.0	2.0								40	sandy mud
178.1099	B	2	H	3	141	74			wlf	2		30	60	90	10		18.0	3.0		8.0	10.0			25.0	5.0	7.0	70	70	0.5	10.0	2.0	5.0	13.0	30	Diatom-bearing silty mud					
178.1099	B	2	H	4	97	75			wlf	1		10	70	80	20		13.0	7.0			15.0		2.0	8.0	10.0	5.5	55	2.0	31.0	2.0	10.0		45	Diatomaceous silty mud						
178.1099	B	2	H	6	30	77			wlf	1		2	88	90	10		12.0	7.0	2.0		18.0		2.0	4.0	10.0	4.3	45	27.0	1.0	12.0	10.0	55	Diatomaceous silt							
178.1099	B	3	H	1	79	80			wlf	1		8	50	58	42		12.0	7.0	3.0		12.0		5.0	4.0	42	4.5	45	39.0	8.0	8.0	5.5	55	Diatomaceous clayey silt							
178.1099	B	3	H	2	132	82			wlf	1		2	60	62	38		9.0	4.0	6.0		12.0		1.0	3.0	5.0	3.4	40	40.0	5.0	10.0	5.0	60	Diatomaceous clayey silt							
178.1099	B	3	H	4	103	85			wlf	1		1	59	60	40		6.0	3.0	6.0	1.0	9.0		1.0	2.0		2.0	22	28	0.4	59.0	3.0	12.0		72	Diatom ooze					
178.1099	B	3	H	5	48	86			wlf	2		1	95	96	4		2.0	1.0	1.0	1.0	3.0		1.0	1.0		2.0	14	15	83.0	2.0				85	Diatom ooze					
178.1099	B	3	H	5	105	86			wlf	2		2	95	97	3		2.0	1.0			2.0			1.0	1.0	1.0	10	10	85.0	3.0	2.0		90	Diatom ooze						
178.1099	B	3	H	6	38	87			wlf	2		1	95	96	4		2.0	1.0	0.0	1.0	3.0		1.0	1.0		22.0	3.5	35	58.0	0.5	0.5	2.0	5.0	65	Diatom ooze					
178.1099	B	3	H	6	50	87			wlf	2		2	68	70	30		5.0	3.0	2.0	2.0	7.0		2.0	4.0	5.0	28	30	56.0	1.0	8.0	5.0	5.0	70	Diatom ooze						
178.1099	B	4	H	1	110	90			wlf	1		2	60	62	38		5.0	3.0	4.0		6.0	1.0		2.0	1.0	18	22	67.0	2.0	9.0			78	Diatom ooze						
178.1099	B	4	H	3	57	92			wlf	1		2	60	62	38		10.0	3.0	2.0		5.0		1.0	1.0	1.0	2.0	23	25	62.0	1.0	7.0	5.0	5.0	75	Diatom ooze					
178.1099	B	4	H	3	103	93			wlf	2		100	0	100	0										0	0	##							100	Foraminifer ooze					
178.1099	B	4	H	5	120	96			wlf	2		96	2	98	2		30.0	20.0	0.0	5.0	15.0		5.0	20.0		3.0	98	98	1.0		1.0		2	sand						
178.1099	B	4	H	6	105	97			wlf	2		30	70	100	0		1.0	1.0	1.0						6.0	9	10	43.0	2.0	50.0	5.0	90	Diatom-bearing silty mud							
178.1099	B	5	H	1	96	99			wlf	1		5	75	80	20		4.0	3.0	2.0		4.0		1.0	1.0	1.0	1.0	16	18	75.0	2.0	5.0			82	Diatom ooze					
178.1099	B	5	H	2	150	101			wlf	1		8	80	88	12		4.0	2.0	2.0		5.0		1.0	1.0	3.0	2.0	18	20	67.0	3.0	10.0			80	Diatom ooze					
178.1099	B	5	H	5	11	104			wlf	2		70	29	99	1		2.0	1.0			2.0			20.0		10.0	95	95	3.0		2.0		5	sandy mud						
178.1099	B	5	H	6	58	106			wlf	1		10	50	60	40		7.0	4.0	3.0		5.0		3.0	3.0	5.0	27	30	4.0	62.0	2.0	2.0	2.0	70	Diatom ooze						
178.1099	B	5	H	OC	30	108			wlf	2		2	40	42	58		8.0	7.0	8.0		8.0		2.0	3.0	4.0	5.0	37	45	0.5	37.0	8.0	10.0	55	Diatom-bearing silty clay						