

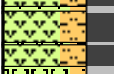




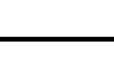
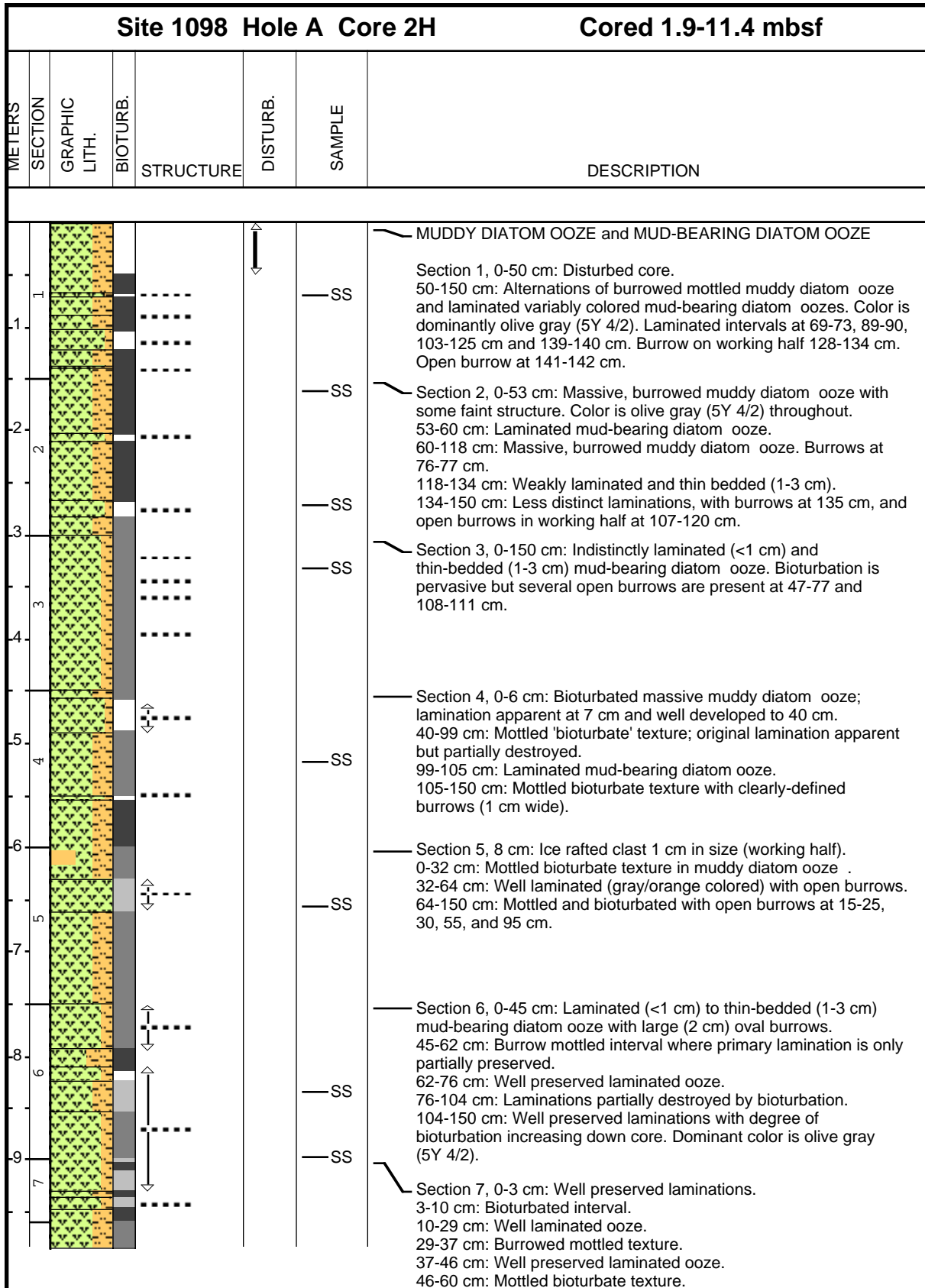


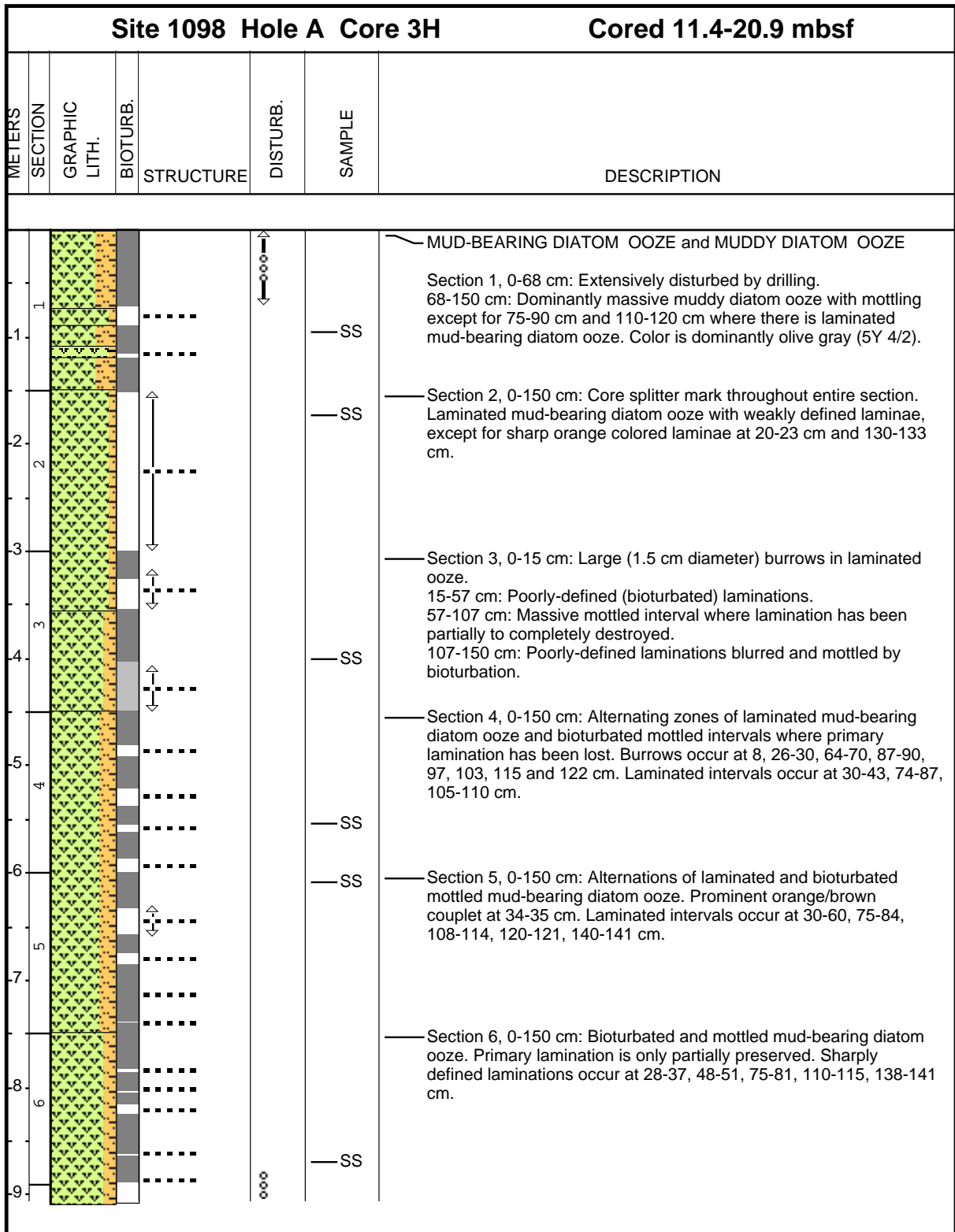
Core Image

Site 1098 Hole A Core 1H							Cored 0.0-1.9 mbsf	
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION	
1						SS	MUDDY DIATOM OOZE and MUD-BEARING DIATOM OOZE	
1						SS	Section 1, 0-24: Greenish gray (5Y 4/2) muddy diatom ooze with some darker (5Y 3/2) laminae.	
2						SS	24-50 cm: Laminated dark greenish gray mud-bearing diatom ooze (5Y 3/2 and 5Y 4/2).	
						SS	50-80 cm: Greenish gray muddy diatom ooze (mostly massive) with scattered sand grains.	
						SS	80-85 cm: Muddy diatom ooze, irregularly laminated with black spots.	
							85-100 cm: Massive greenish gray (5Y 4/2) muddy diatom ooze . Scattered sand grains with vertical burrows.	
							Section 2, 0-70 cm: Alternating, bedded, diatomaceous mud and ooze. Laminated at: 16-19; 41-43; 59-69 cm. The massive beds are also very weakly laminated. Color is predominantly olive gray (5Y 4/2) with darker laminae darker olive gray (5Y 3/2). Thin vertical burrows are present. Brownish (5Y 3/2) layer at 41-43 cm.	
							Core Catcher, 0-18 cm: Massive (weakly laminated) diatomaceous mud.	

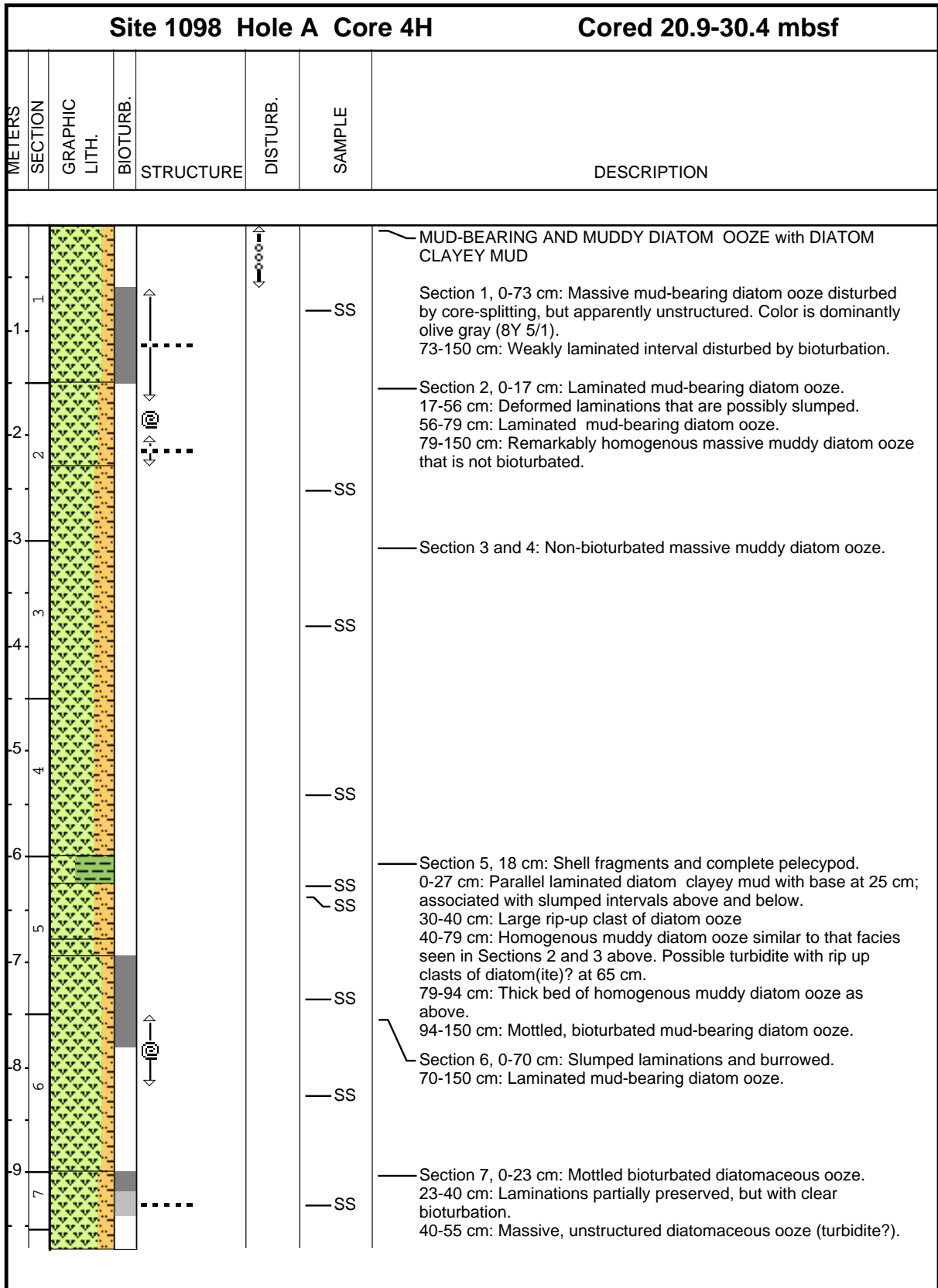
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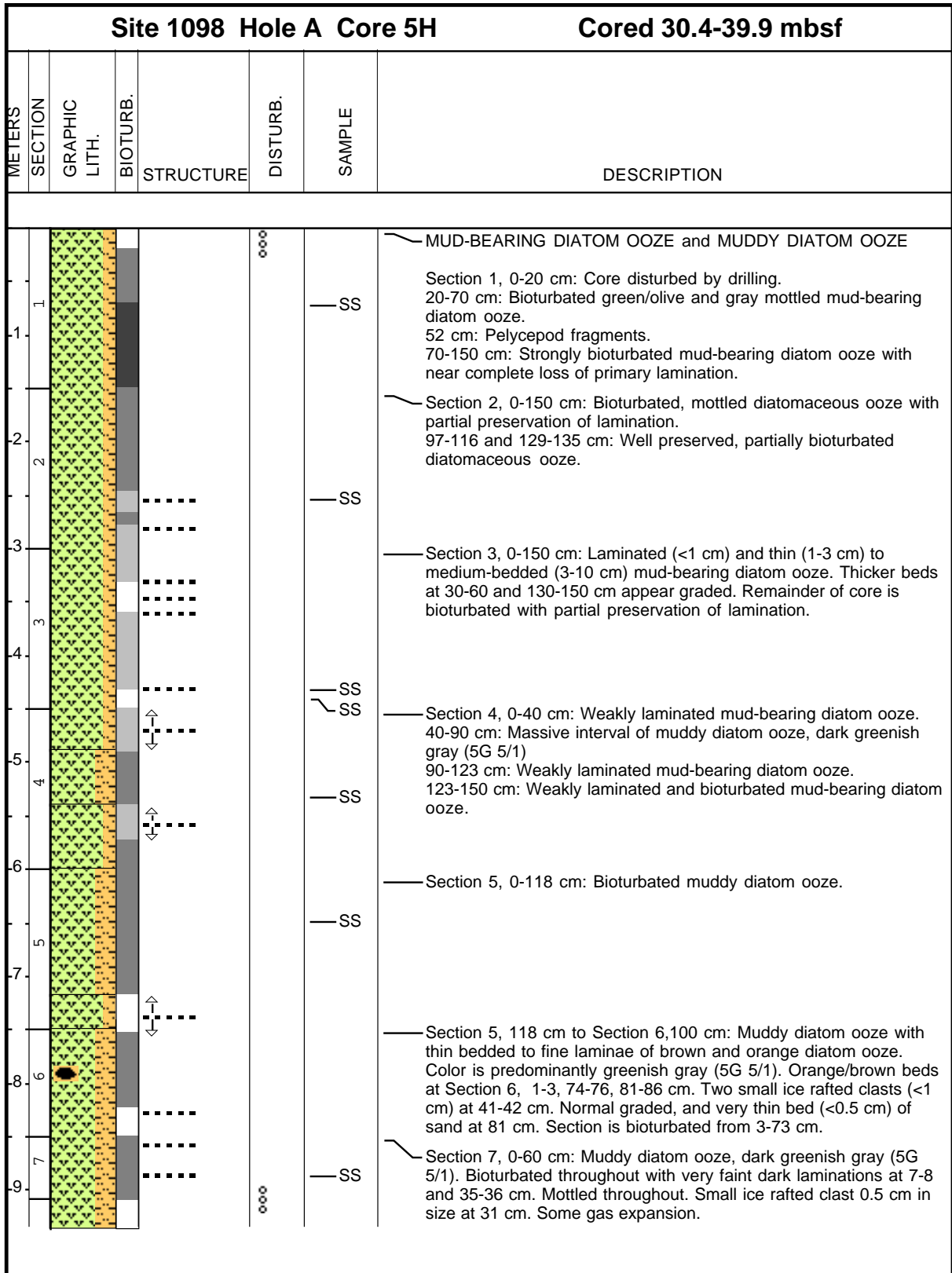
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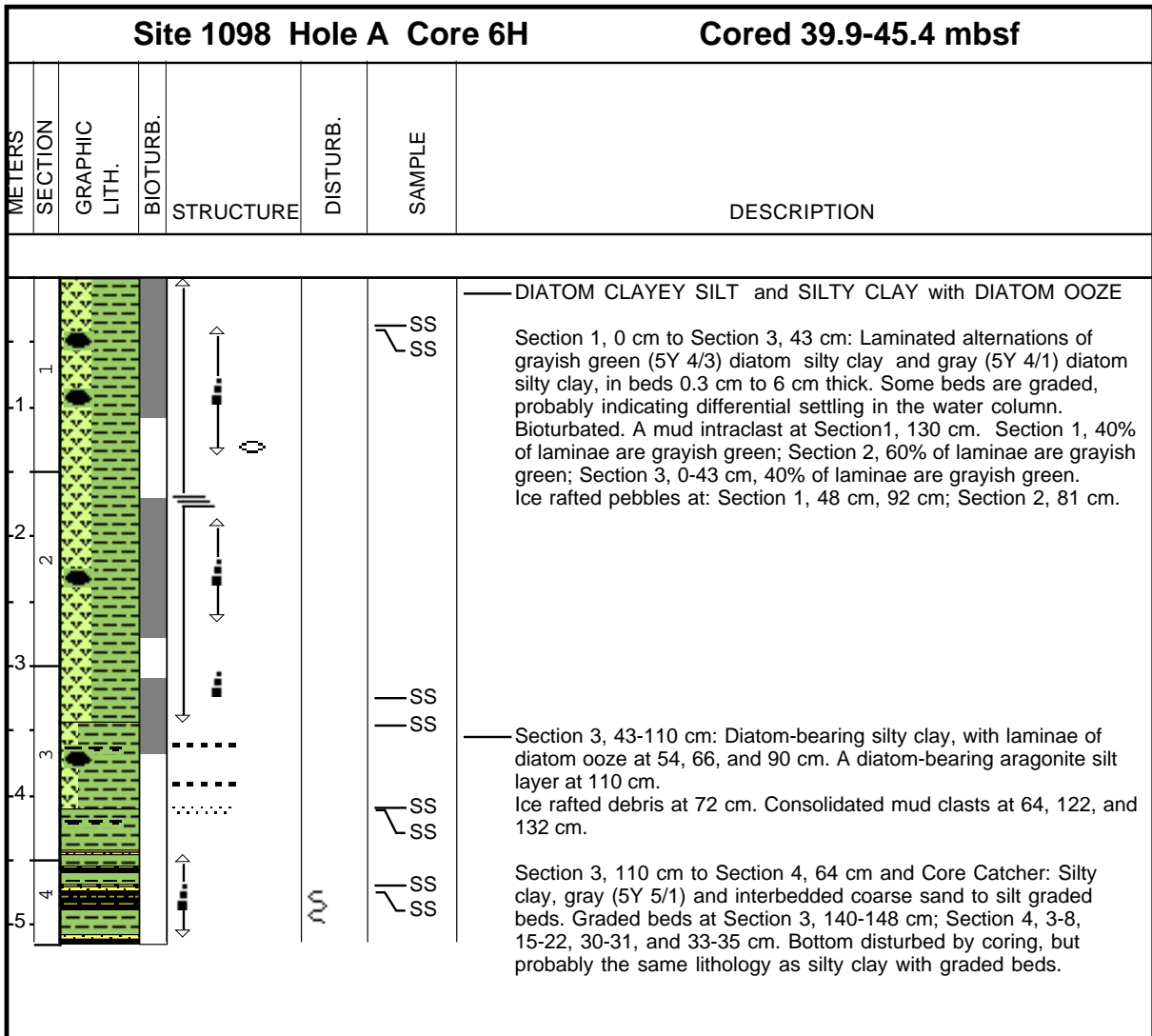
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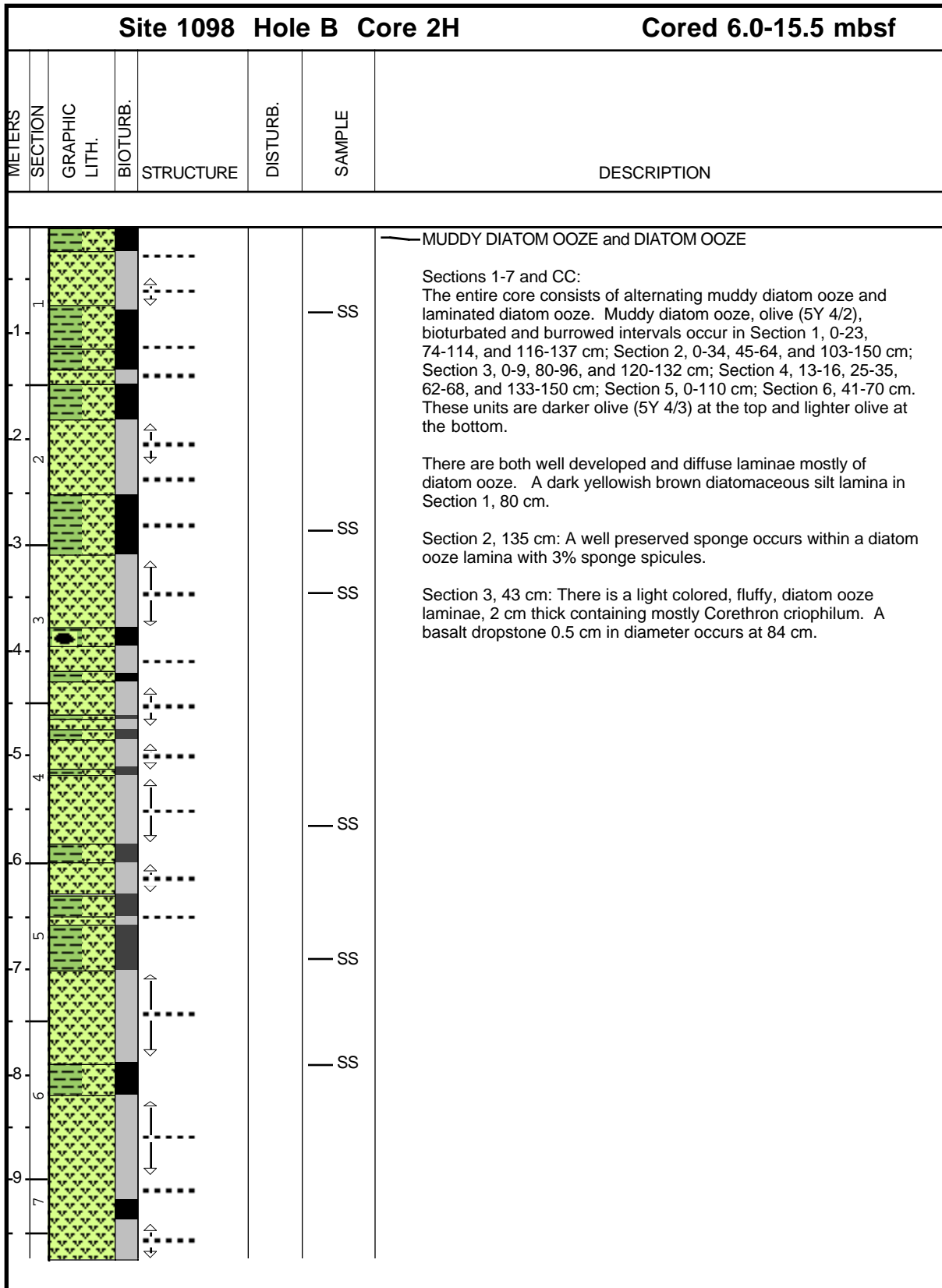
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Site 1098 Hole A Core 7H							Cored 45.4-45.9 mbsf
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
						SS	DIATOM CLAYEY SILT Diatom clayey silt, completely homogenized by drilling; dark gray (5Y 4/1).

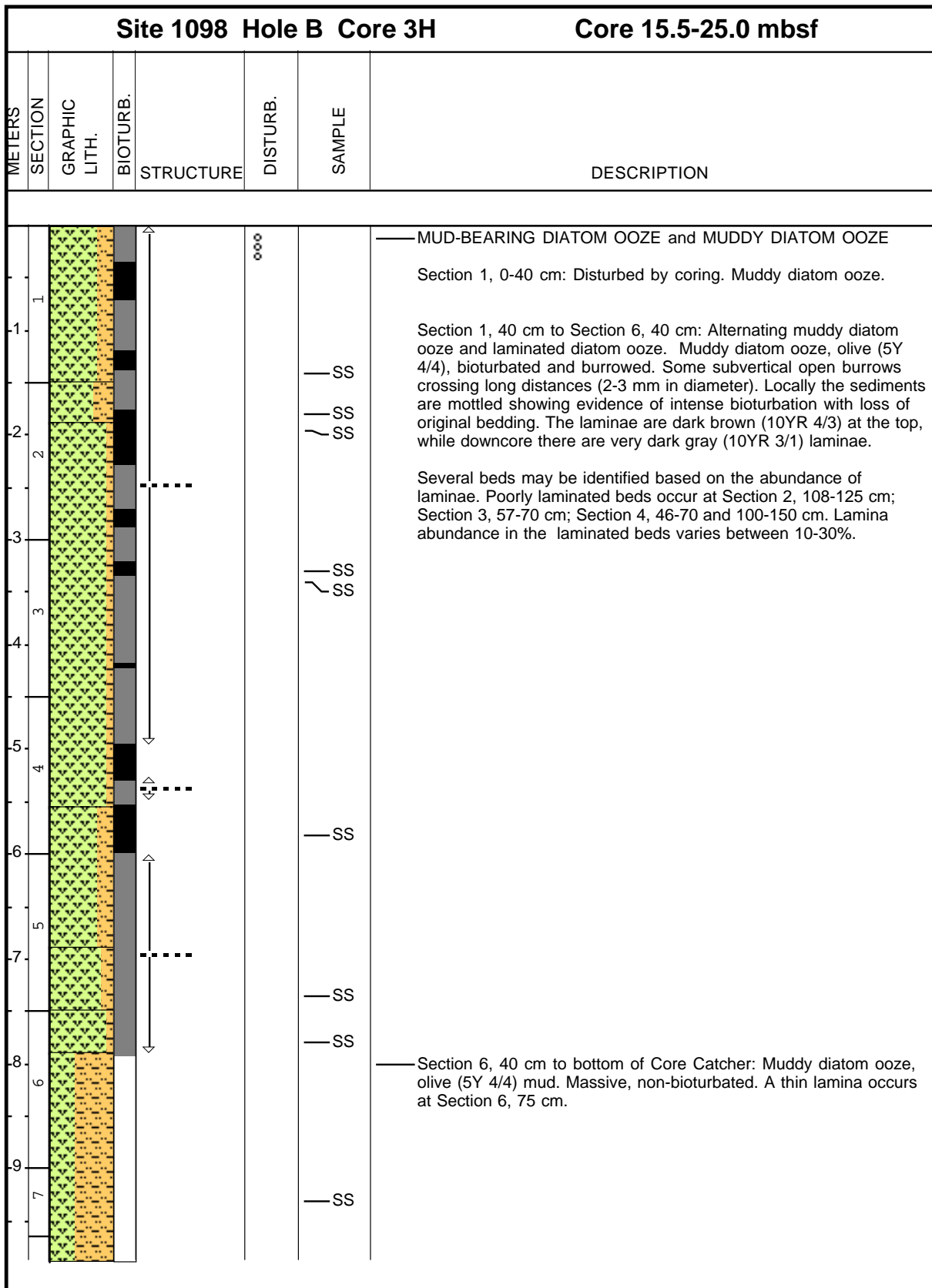
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Site 1098 Hole B Core 1H						Cored 0.0-6.0 mbsf	
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
1	1					— SS	<p>— MUDDY DIATOM OOZE and MUD-BEARING DIATOM OOZE</p> <p>Sections 1-4 and CC: Core consists of alternating muddy diatom ooze and laminated, variegated mud-bearing diatom ooze. Muddy diatom ooze, olive (5Y 4/3), intensely bioturbated obliterating any primary structures, occurs in Section 1, 0-12 and 42-124 cm; Section 1, 145 cm to Section 2, 52 cm; Section 2, 76-127 cm; Section 3, 8-26, 33-58, and 92-139 cm; Section 4, 20-73 and 103 cm to base of CC. The uppermost few cm of each massive interval is slightly grayer in color, and gray burrow mottles occur within most intervals. The diatoms are very well preserved and the flora is diverse, including <i>T. antarctica</i>.</p> <p>Laminated mud-bearing diatom ooze consists of laminae 5-20 mm thick with fuzzy tops and bases. Minor to moderate bioturbation disrupts some laminae. Burrows are of <i>Planolites</i> type. Colors include olive (5Y 4/3, 5Y 5/3), olive gray (5Y 4/2), dark gray (5Y 4/1, mainly in Section 1, 12-42 cm), and dark brown (10YR 3/3). Diatom preservation is excellent. The dark brown laminae are <i>Chaetoceros</i> spore oozes. Many of the laminae are rich in <i>Corethron criophilum</i>. There is no consistent color sequence within the laminated intervals.</p> <p>A very long vertical open burrow, 6 mm in diameter, is present in Section 2, 13-65 cm and Section 3, 110-142 cm.</p>
1						— SS	
2	2					— SS	
3						— SS	
3	3					— SS	
4						— SS	
4	4					— SS	
5						— SS	
5	4					— SS	

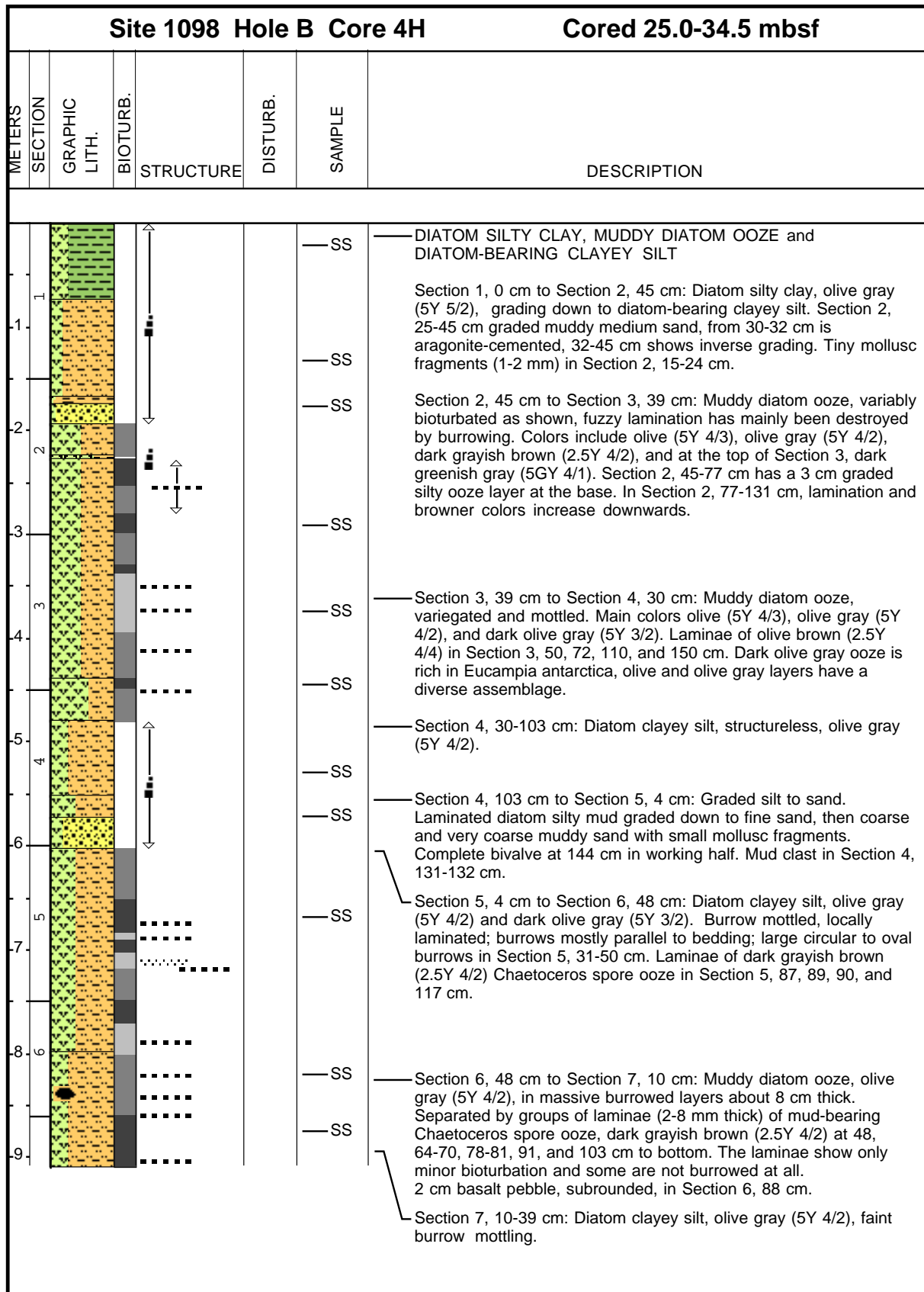
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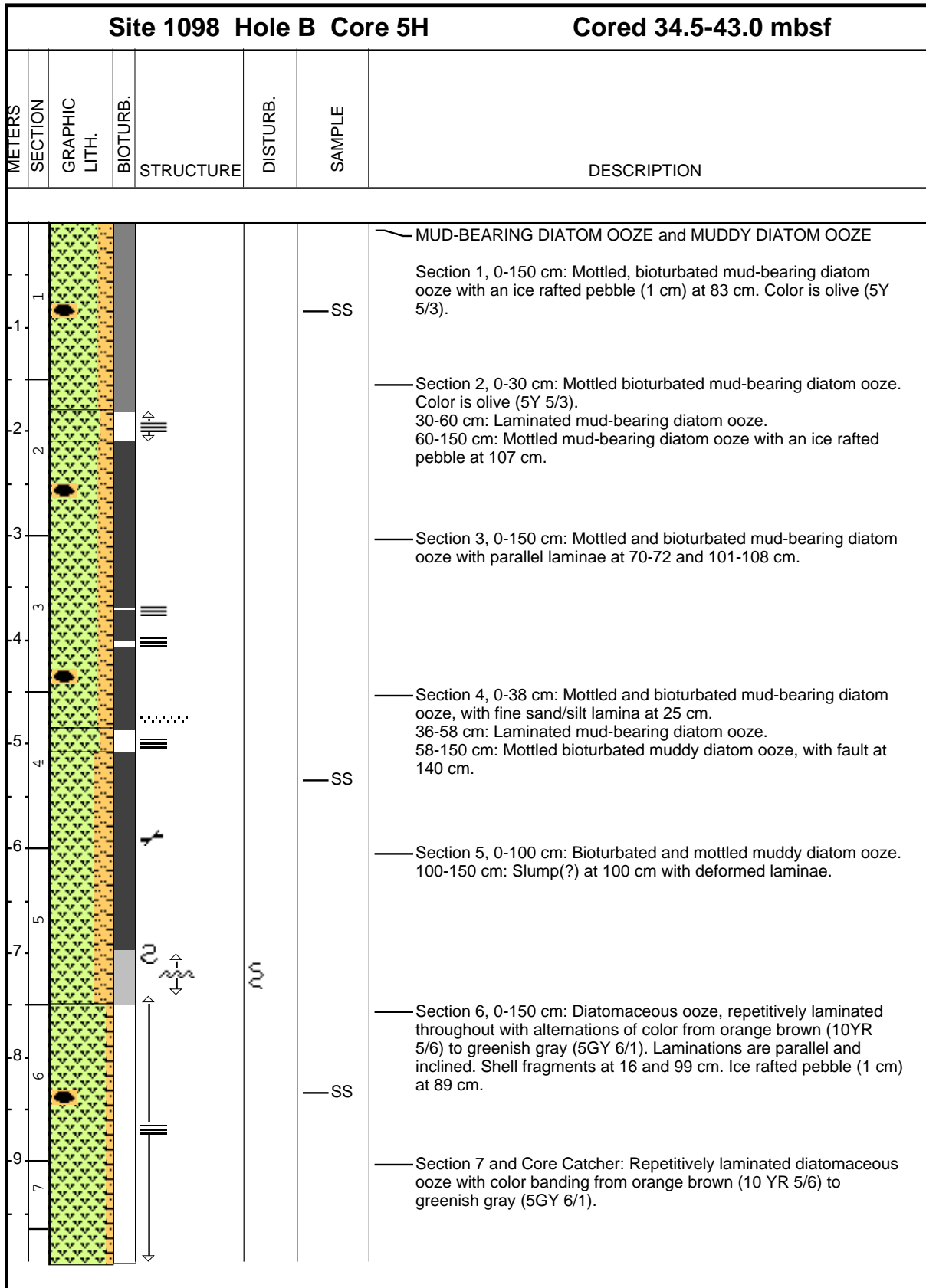
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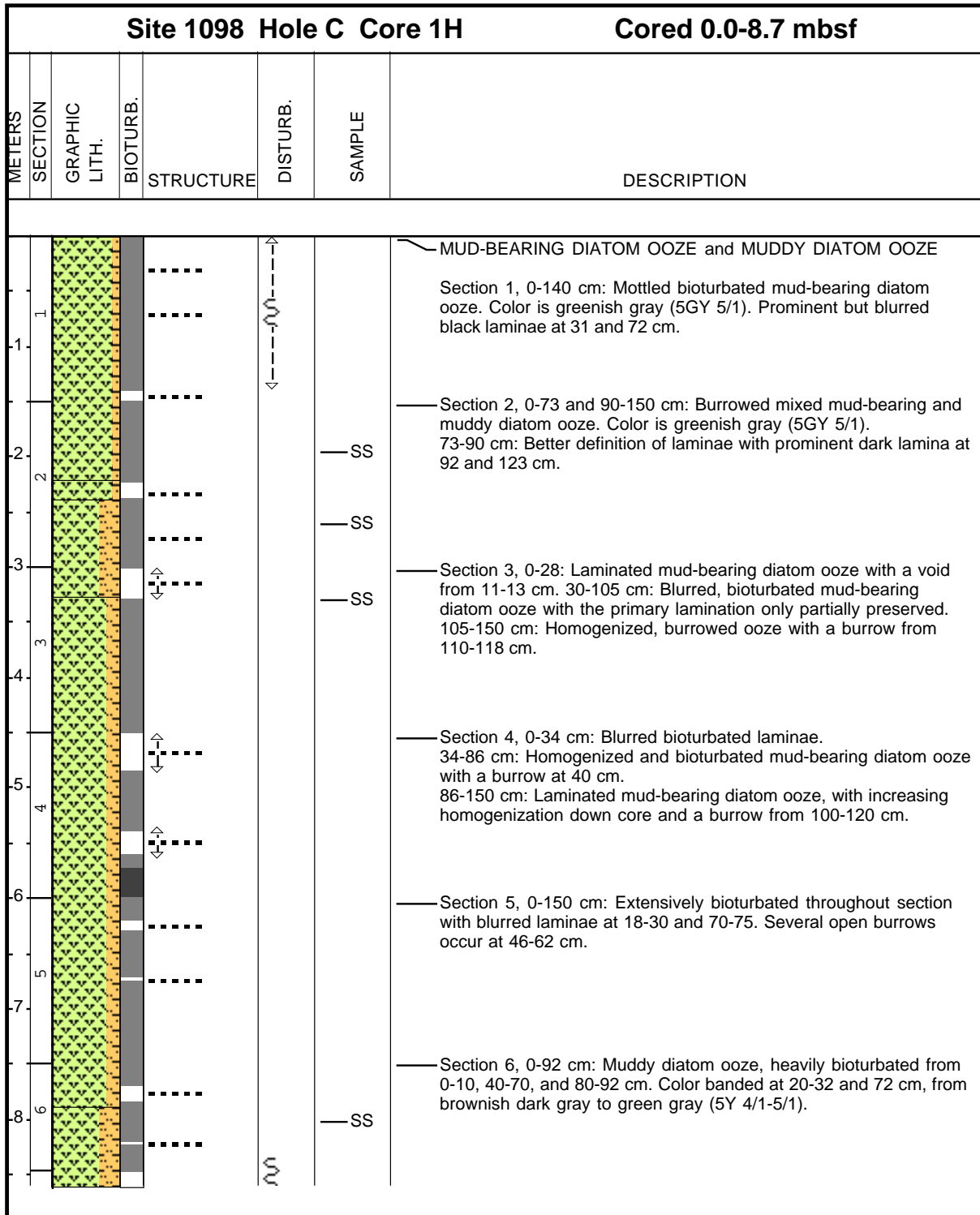
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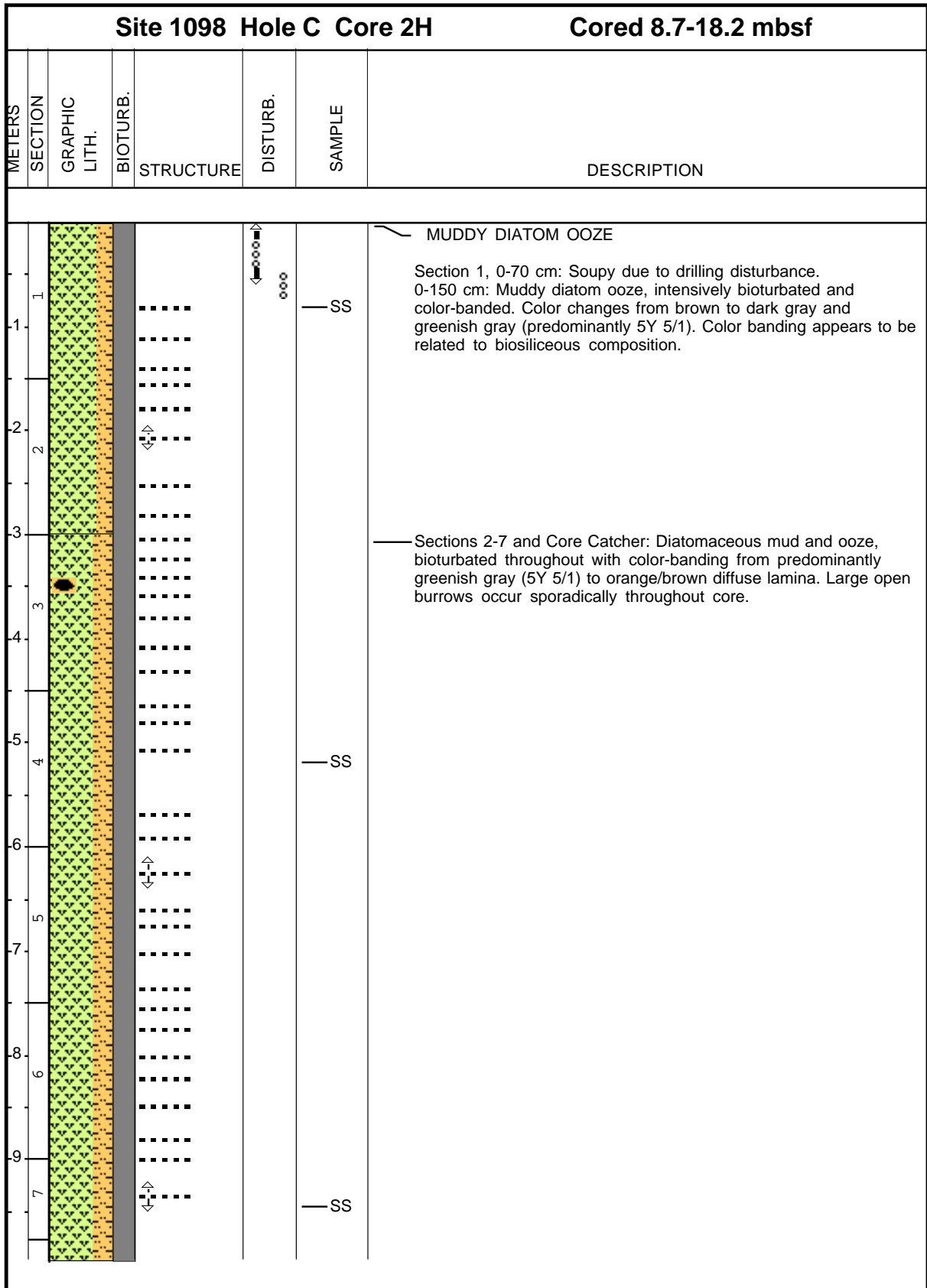
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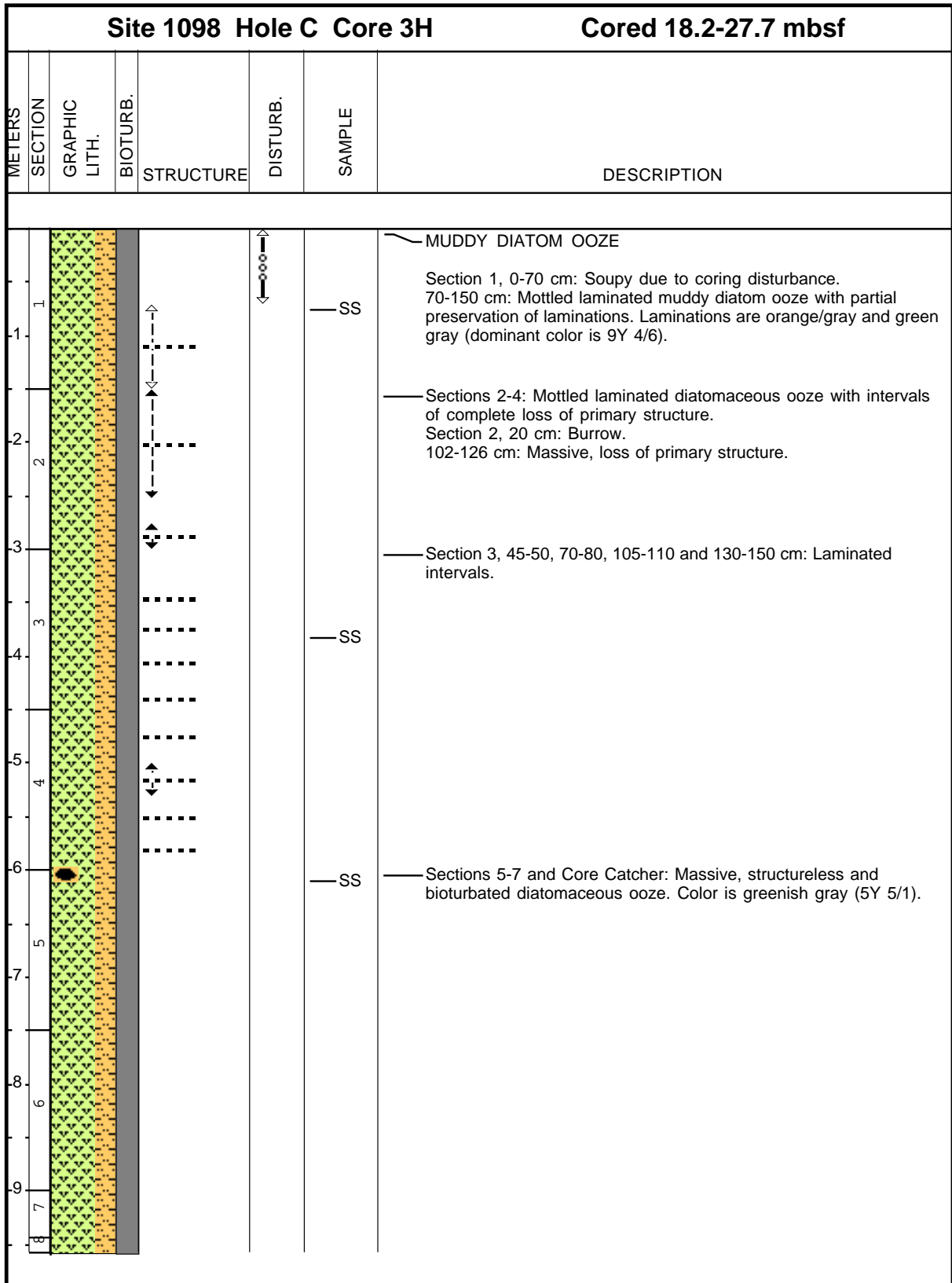
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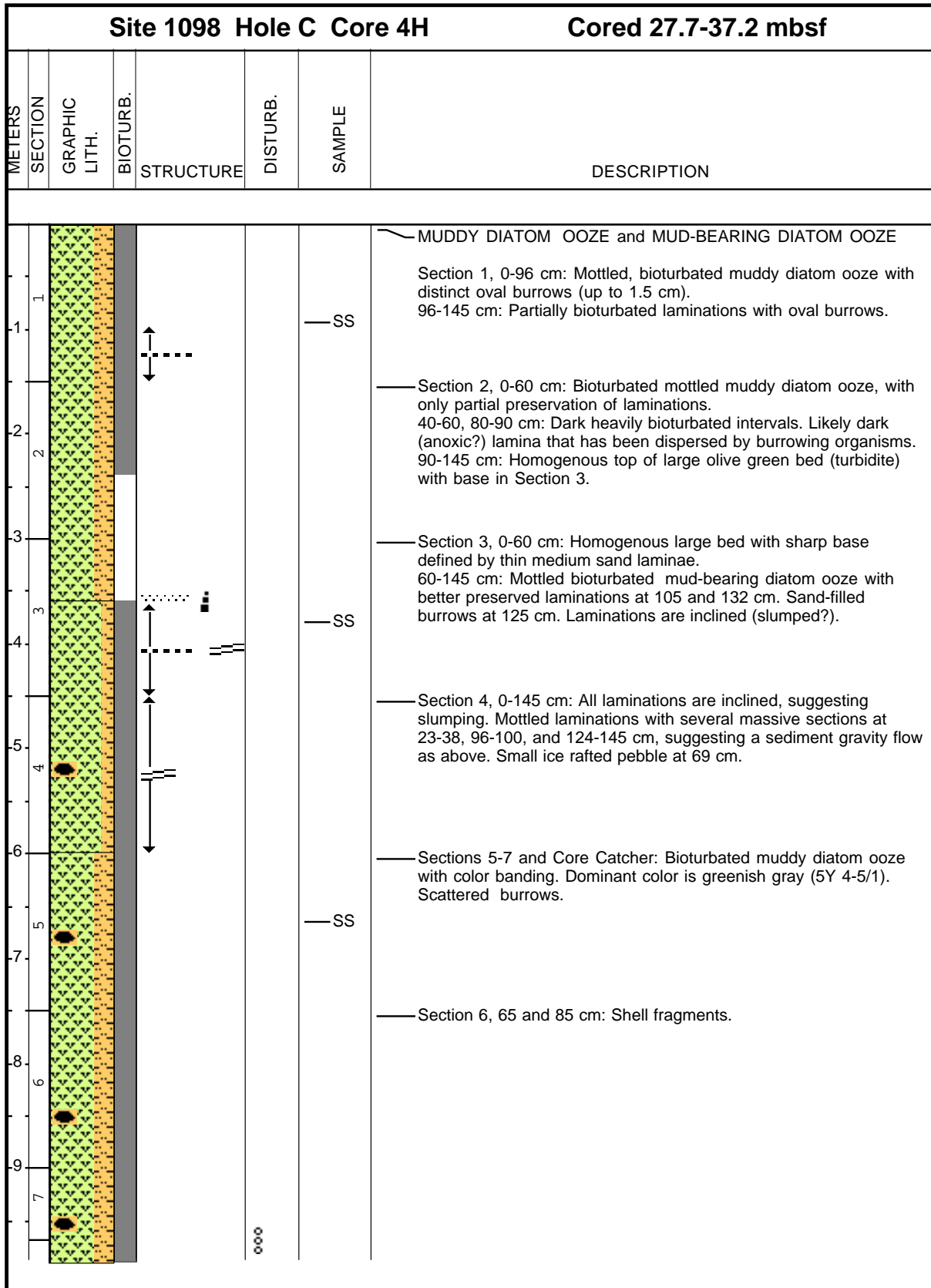
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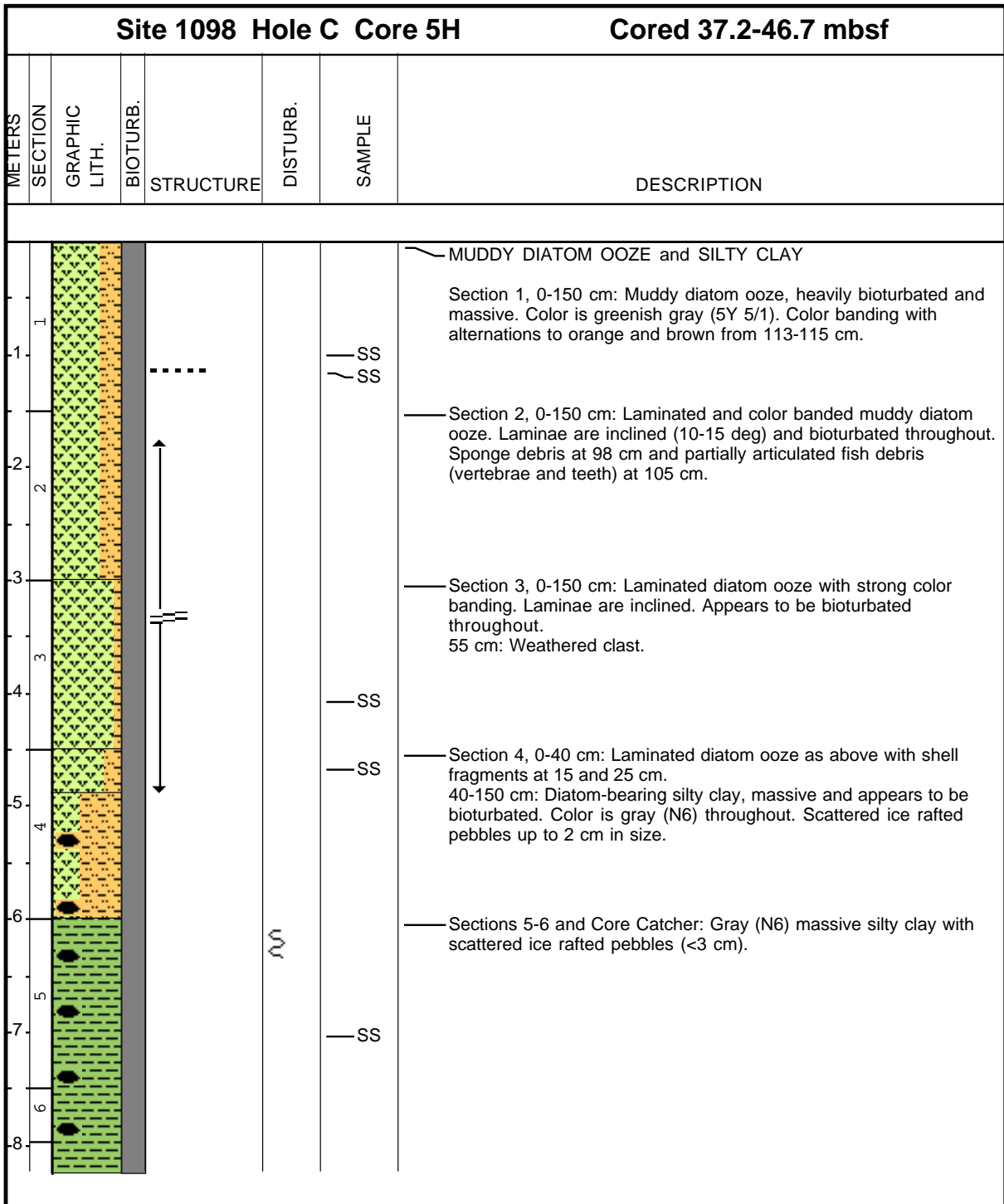
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Note: 0.5 equal to tr.										Size		Composition - Siliciclastic													Composition - Biogenic										Sediment or Rock Name											
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum (sand+silt)	Clay	sum (sand+silt+clay)	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Frambooids/micronodules	Other	Terrigenous (tot silicl.-clay counts)	Total clay + siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name					
178	1098	C	4	H	5	63	34.33		wlf	1		3	57	60	40	100	10.0	4.0		2.0										35																diatom ooze
178	1098	C	5	H	1	99	38.19		wlf	1		1	60	61	39	100	8.0	4.0	0.0	2.0		7.0								30			25.0			2.0	3.0			40.0	7.0			diatom ooze		
178	1098	C	5	H	1	115	38.35		wlf		2	1	45	46	54	100	9.0	4.0	5.0			2.0			10.0	3.0				35			25.0				8.0			33.0	6.5			diatom ooze		
178	1098	C	5	H	3	105	41.3		wlf	1		1	95	96	4	100	1.0	1.0	1.0			1.0								5			10.0			1.0	8.0			76.0	9.5			diatom ooze		
178	1098	C	5	H	4	17	41.92		wlf	1		8	85	93	7	100	12.0	2.0	2.0	3.0						3.0				25			12.0			1.0	8.0			54.0	7.5			diatom ooze		
178	1098	C	5	H	5	102	44.27		wlf	1		2	40	42	58	100	30.0	21.0	20.0	4.0						5.0	10.0				92			2.0				1.0		5.0	8			silty clay		

**CORE DESCRIPTIONS
SMEAR SLIDES, SITE 1098**