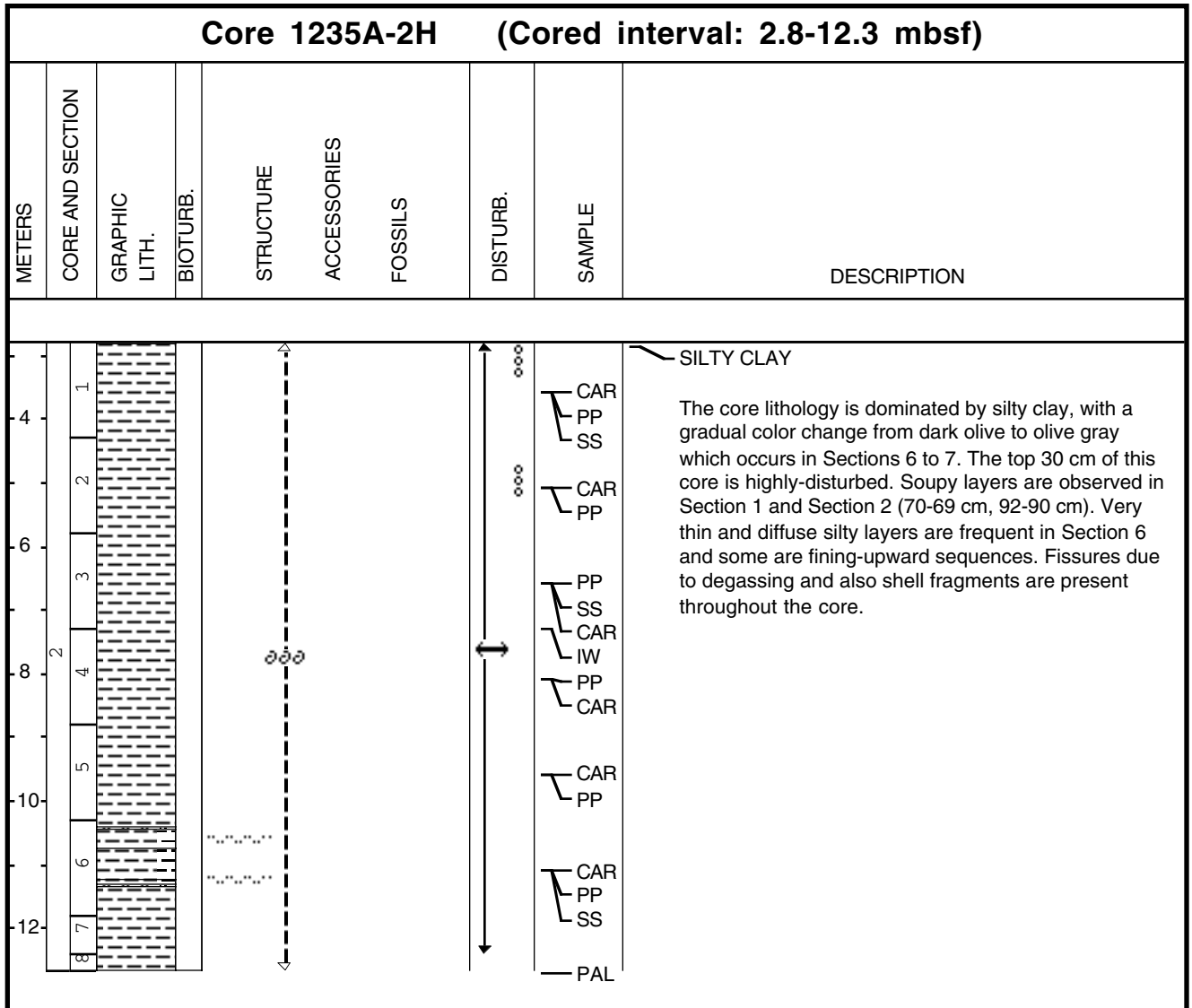


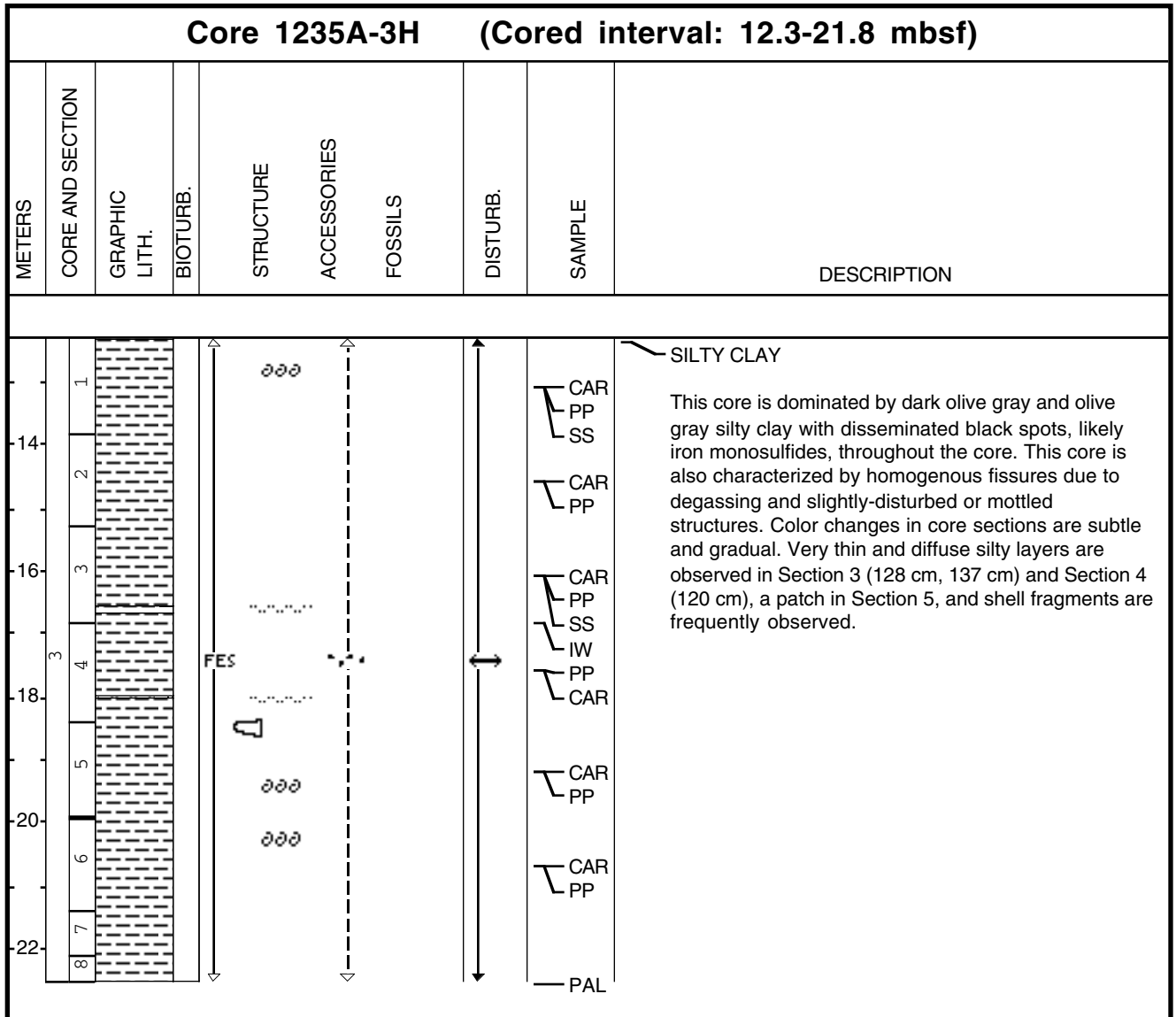
Core Photo

Core 1235A-1H (Cored interval: 0.0-2.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2	1 2							SS CAR PP IW SS PP CAR SS PAL	<p>SILTY CLAY</p> <p>This core contains soft brown clay in Section 1 and olive gray silty clay in Section 2 and the core catcher. Section 1 contains two large burrow fills of soft brown clay. At the base of Section 1, color changes subtly from brown to olive gray. The base of Section 1 contains olive gray mottles, and Section 2 contains large (5-10 cm) brown burrow fills and mottling in the upper 70 cm. Shell fragments are present throughout.</p>

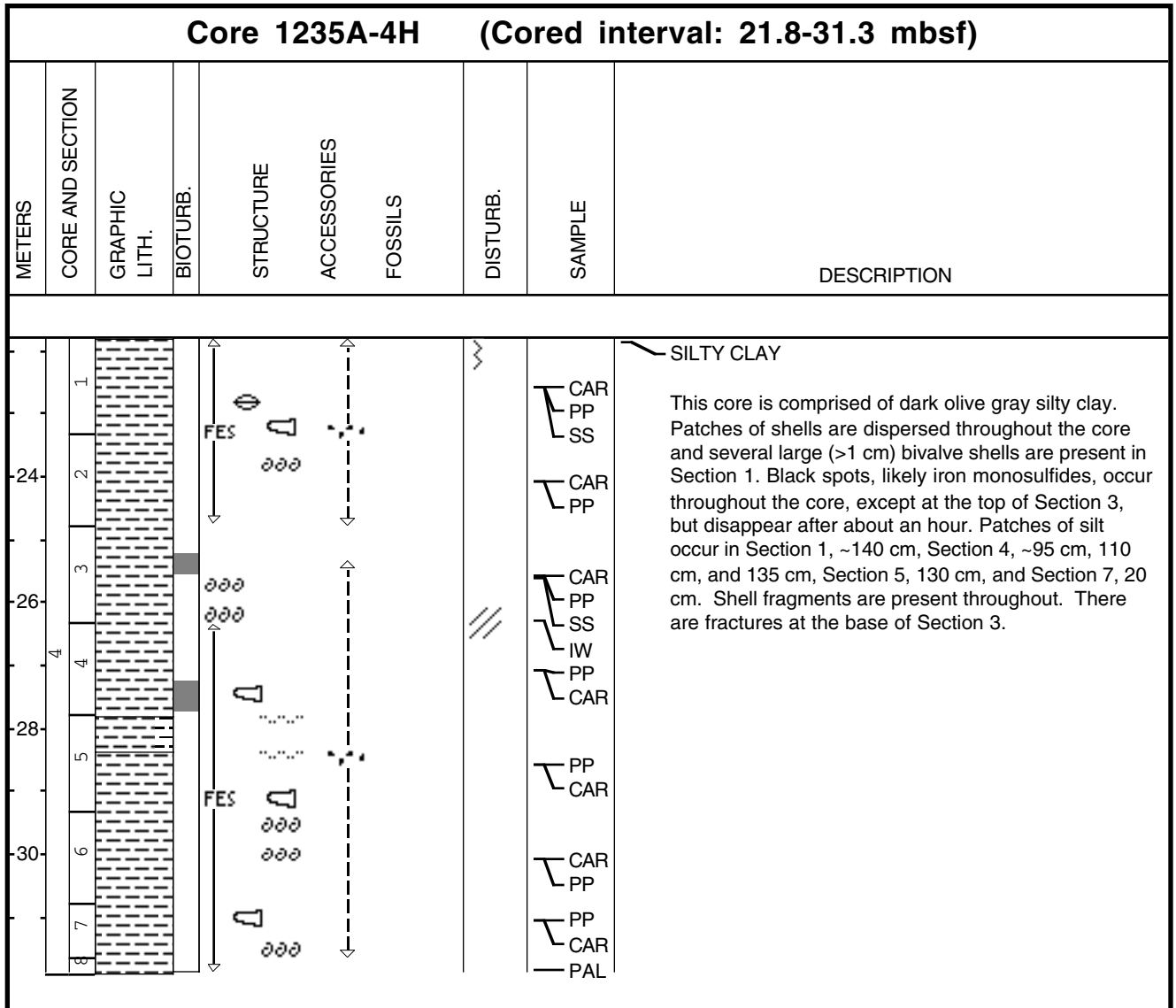
Core Photo



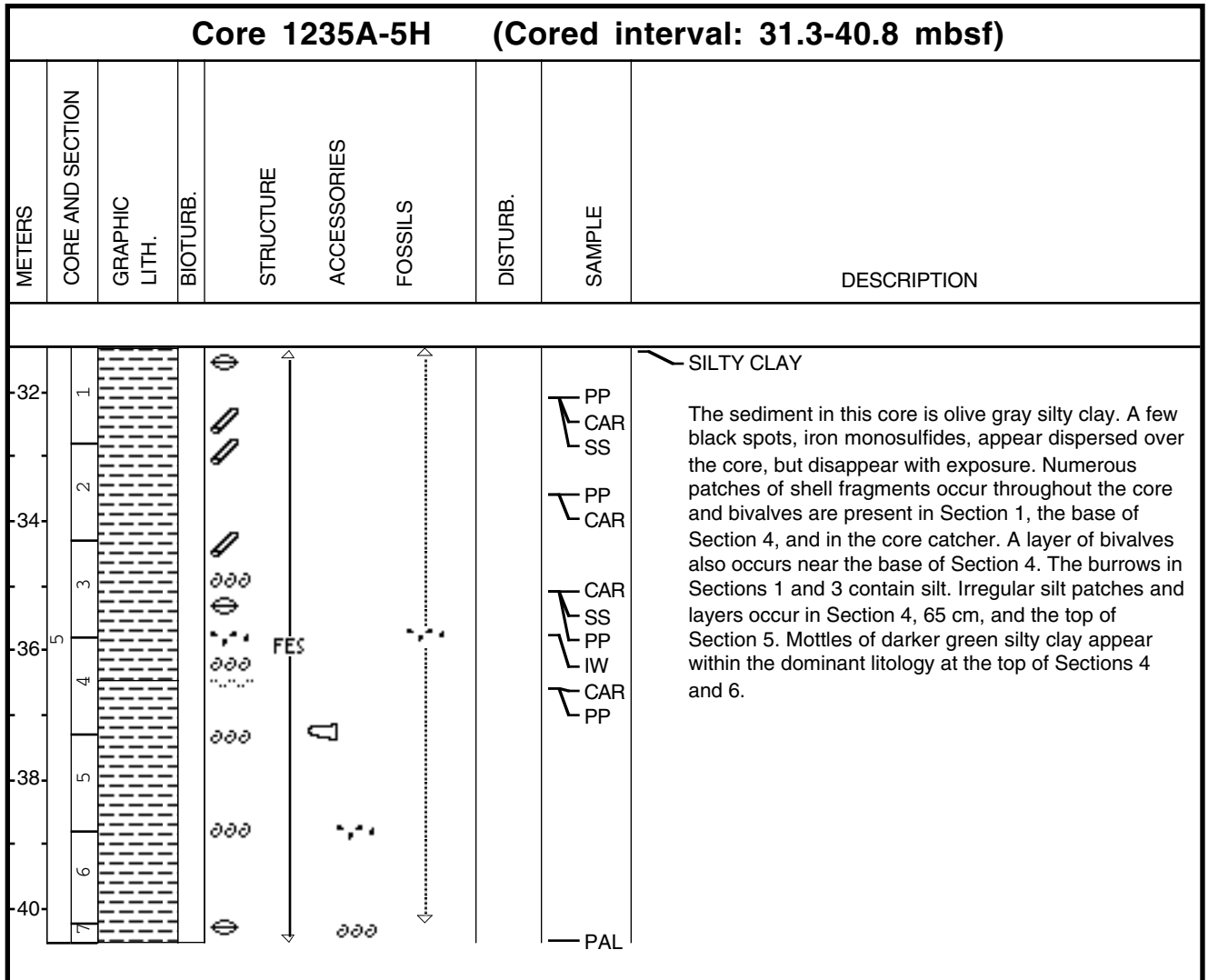
Core Photo



Core Photo



Core Photo



Core Photo

Core 1235A-6H (Cored interval: 40.8-50.3 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
42	1							CAR PP SS	<p>SILTY CLAY</p> <p>This core is comprised of dark olive gray silty clay. Fragments of shells and some bivalves are dispersed throughout the core and a number of silt-lined burrows are present. The burrow at the top of Section 2 has a lighter green halo. A sandy patch is present in Section 1, ~60 cm. In Section 2, a darker green clayey interval with shell fragments is present.</p>
44	2							PP CAR	
46	3							CAR PP SS IW	
46	4							CAR PP	
48	5							CAR PP PP CAR	
48	6							CAR PP	
50	7							CAR PP	
50	8							PAL	

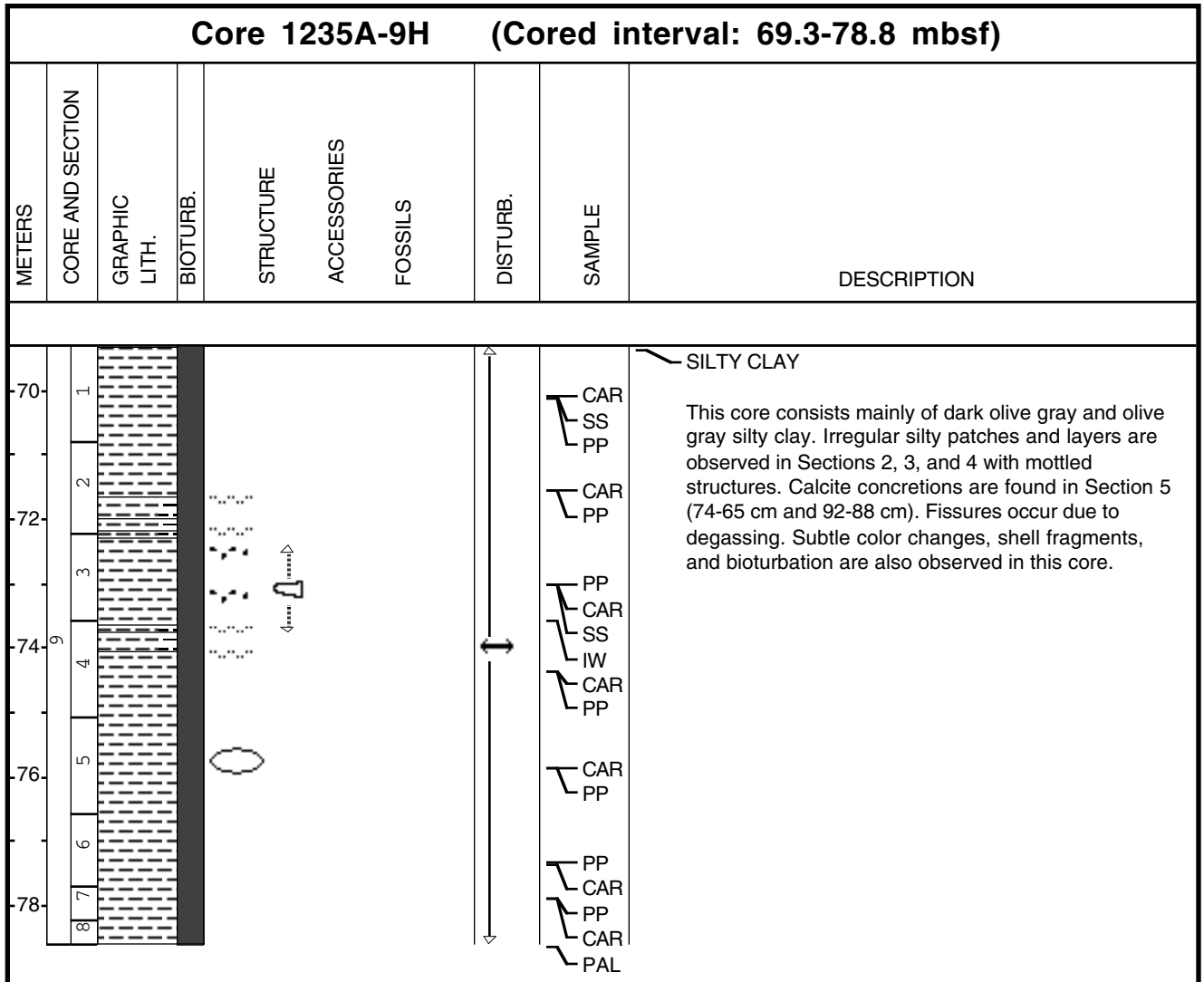
Core Photo

Core 1235A-7H (Cored interval: 50.3-59.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
52	1							PP SS CAR	<p>SILTY CLAY</p> <p>This core is comprised of olive gray silty clay which grades gradually downcore to a more grayish (less green) color by the middle of Section 3. Patches of shell fragments are dispersed throughout the core, including whole bivalves and a gastropod. Subtle mottling appears in Sections 2 and 4 consisting of a darker green color silty clay. Burrows are lined with silt. Silty patches or irregular layers occur in Section 1, ~50 cm, Section 3, ~40 cm, 90 cm, Section 4, ~35 cm, Section 5, ~15-30 cm (bioturbated), and Section 7, ~15 cm, 35 cm, and 75 cm.</p>
54	2							CAR PP	
54	3							SS PP CAR	
56	4							IW CAR PP	
56	5							CAR PP	
58	6							PP CAR	
58	7							CAR PP PAL	
58	8								

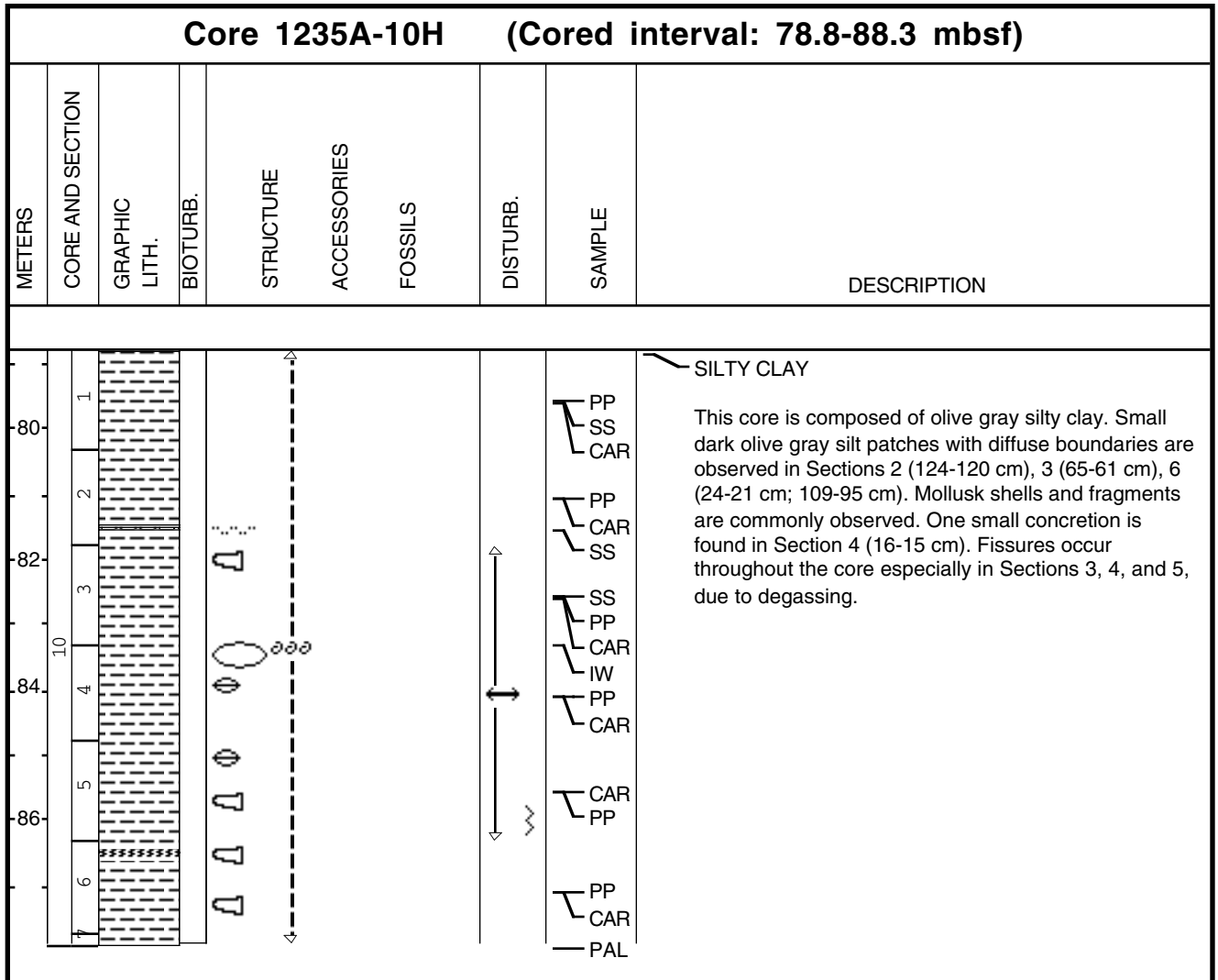
Core Photo

Core 1235A-8H (Cored interval: 59.8-69.3 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
62	1	[Hatched pattern]						CAR PP SS	<p>SILTY CLAY</p> <p>This core is comprised of lighter and darker olive gray silty clay. The top of the core is light olive gray which subtly becomes lighter in Section 2 and then changes at the base of Section 3 to a dark olive gray. Patches of shell fragments are dispersed throughout the core. Silty patches or irregular layers occur in Section 1, 80 cm, Section 2, 110 cm, and 120 cm, Section 3, 10-20 cm, 60-80 cm (bioturbated), Section 5, 70 cm, Section 6, 50 cm, and Section 7, 10-20 cm. A clayey layer is present in Section 2, ~20-30 cm and a light green patch is present in Section 6, ~25 cm. The top of the core has relatively few gas release fractures, but gas release fractures are abundant in the sediment below this color change.</p>
64	2	[Hatched pattern]						CAR PP	
64	3	[Hatched pattern]						PP CAR SS IW PP CAR	
66	4	[Hatched pattern]						CAR PP	
66	5	[Hatched pattern]						CAR PP PP CAR PAL	
68	6	[Hatched pattern]							
68	7	[Hatched pattern]							
68	8	[Hatched pattern]							

Core Photo



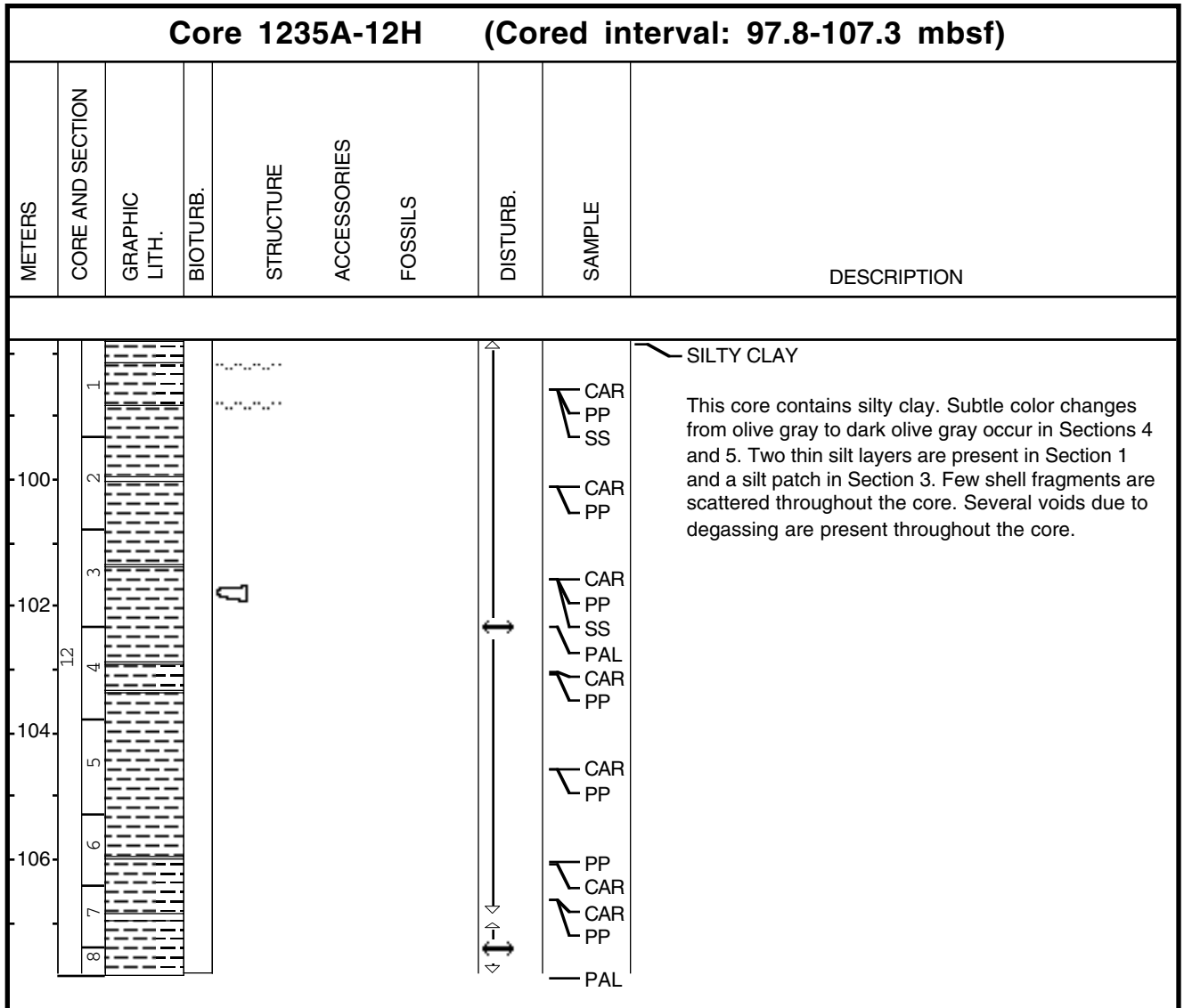
Core Photo



Core Photo

Core 1235A-11H (Cored interval: 88.3-97.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
90	1								<p>SILTY CLAY</p> <p>This core contains firm olive gray silty clay. Shell fragments are present in all sections throughout. Thin fissures, due to degassing, are present in Sections 6 and 7.</p>
92	2							SS CAR PP	
	3							PP CAR	
94	4							SS PP CAR IW CAR PP	
	5							CAR PP	
96	6							PP CAR CAR PP PAL	
	7								
	8								

Core Photo



Core Photo

Core 1235A-13H (Cored interval: 107.3-116.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
108	1	[Hatched pattern]					~	PP CAR SS	<p>SILTY CLAY</p> <p>This core contains dark gray silty clay. Very subtle gradational color changes occur, but for the most part, the core is homogeneous in color and texture. Small shell fragments as well as a mollusk shell were found in Section 5. Some fissures appear in Section 2 due to degassing.</p>
110	2	[Hatched pattern]					↑	CAR PP	
112	3	[Hatched pattern]						PP CAR SS	
113	4	[Hatched pattern]						IW PP CAR	
114	5	[Hatched pattern]	☉					PP CAR	
116	6	[Hatched pattern]						CAR PP	
	7	[Hatched pattern]							
	8	[Hatched pattern]						PAL	

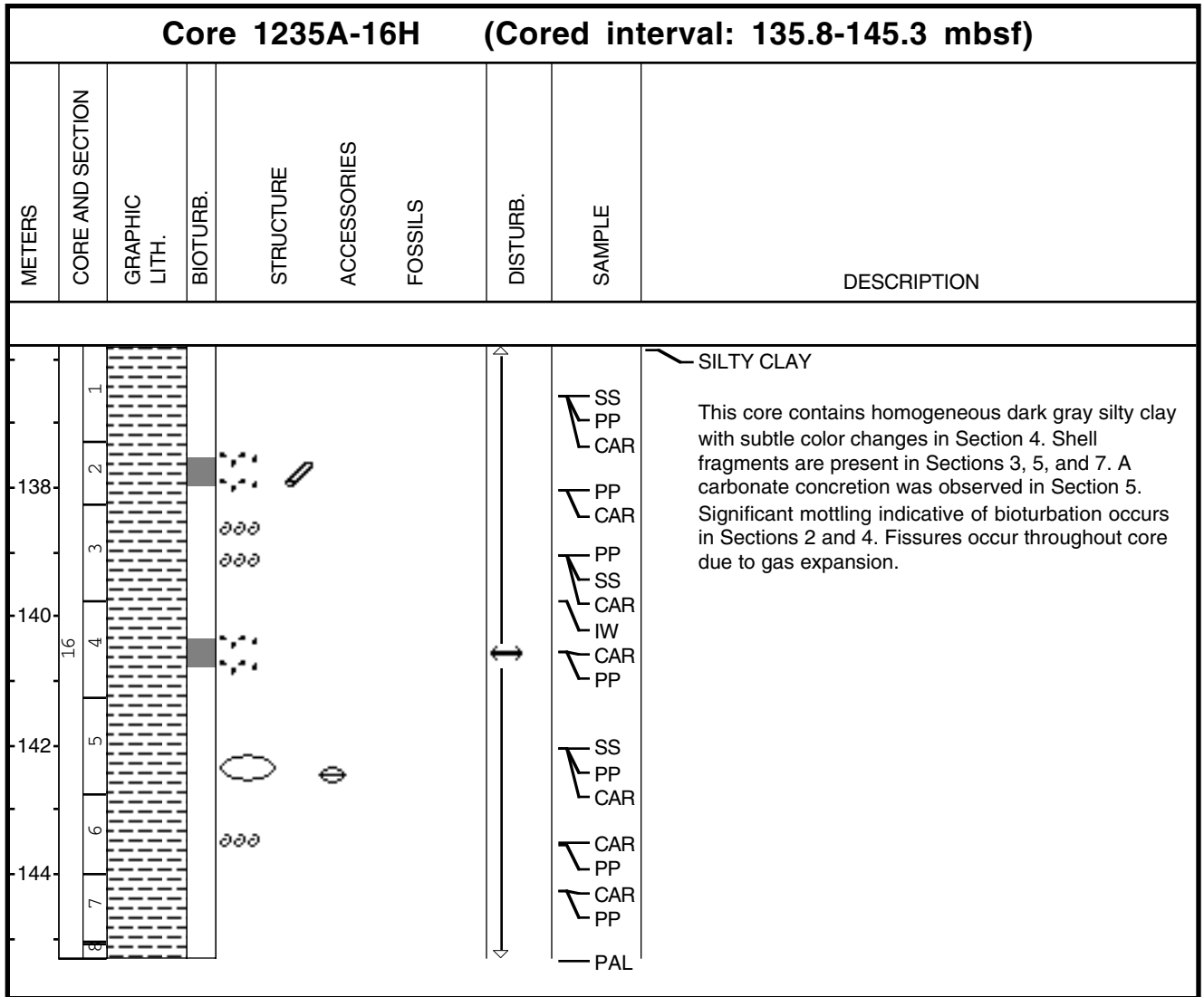
Core Photo

Core 1235A-14H (Cored interval: 116.8-126.3 mbsf)										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
118	1								<p>SILTY CLAY</p> <p>This core contains firm dark olive gray silty clay. The core is homogeneous in color and texture. Shell fragments are present in Sections 2, 3, and 5. Some fissures due to gas expansion occur in Sections 1, 2, and 6.</p>	
	2									CAR PP
	3									CAR PP SS IW
120	4									PP CAR
122	5									CAR PP
124	6									CAR PP
	7									CAR PP PAL

Core Photo

Core 1235A-15H (Cored interval: 126.3-135.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
128	1							CAR PP	<p>SILTY CLAY</p> <p>This core contains firm olive gray silty clay. Minor amounts of shell fragments occur scattered throughout. Several voids and fissures due to degassing are present throughout the core.</p>
	2							CAR PP	
130	3							SS PP CAR	
132	4							CAR PP	
	5							CAR PP	
134	6							PP CAR	
	7							CAR PP	
136	8								

Core Photo



Core Photo

Core 1235A-17H (Cored interval: 145.3-154.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
146	1			ooo				SS PP CAR	<p>SILTY CLAY</p> <p>This core contains silty clay that is homogeneous in texture and contains subtle color changes between olive gray and dark olive gray. Small patches of shell fragments are present in Sections 1, 2, 3, 4, 6, 7.</p>
148	2			ooo				PP CAR	
	3			ooo				SS CAR PP	
150	4			ooo				PAL PP CAR	
152	5							CAR PP	
	6								
154	7			ooo				PP CAR CAR PP	
	8			ooo					

Core Photo

Core 1235A-19H (Cored interval: 164.3-173.8 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
166	1	[Hatched pattern]							<p>SILTY CLAY</p> <p>This core contains mottled olive gray silty clay. The core is dark olive gray at the top and becomes lighter in Section 1, at ~80 cm, and changes back to dark olive gray at the top of Section 6. Some silty patches and layers are present in Sections 1 and 6. A large concretion, possibly calcite, occurs in Section 1 between 97-105 cm. A light tan clayey patch is present at the top of Section 7.</p>
168	2	[Hatched pattern]							
	3	[Hatched pattern]							
170	4	[Hatched pattern]							
172	5	[Hatched pattern]							
	6	[Hatched pattern]							
	7	[Hatched pattern]							
174	8	[Hatched pattern]							

Core Photo

Core 1235A-20H (Cored interval: 173.8-181.3 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
176 178 180	1 2 3 4 5 6 7 8								<p>SILTY CLAY</p> <p>This core contains olive gray, dark olive gray, and brownish gray silty clay with some tan calcitic concretions (Section 4, 50 cm and Section 5, 20 cm and 44-50 cm) and layers (Section 4, 20 cm and 59-70 cm). The top of the core is medium olive gray with darker mottles. The color changes to dark olive gray in Section 2, and Section 3 is medium olive gray. Below the concretions in Section 5, the silty clay is a homogenous medium olive gray. The sediment in Section 6 is a brownish-gray color that becomes green olive gray at the top of Section 7. Section 7 has a vertical dark green streak from ~20-120 cm that may be the result of a drilling disturbance.</p>
									<p>SS PP CAR</p> <p>PP SS CAR</p> <p>IW CAR PP</p> <p>PP CAR</p> <p>PP CAR</p>

Core Photo

Core 1235B-1H (Cored interval: 0.0-7.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
0.0	1	[Hatched pattern]		[Diagonal lines]					<p>SILTY CLAY</p> <p>This core contains heavily burrowed olive gray silty clay. The large burrows in Section 1 contain more silt. Silt patches are olive gray and dark gray. The base of Section 1 is bioturbated and the lighter gray color changes to dark gray silty clay. A disturbed but sharp silt contact occurs in the core catcher. Shell fragments are present throughout.</p>
0.2	2	[Hatched pattern]		[Diagonal lines]					
0.4	3	[Hatched pattern]		[Diagonal lines]					
0.6	4	[Hatched pattern]		[Diagonal lines]					
0.8	5	[Hatched pattern]		[Diagonal lines]					
1.0	6	[Hatched pattern]		[Diagonal lines]					










Core Photo

Core 1235B-2H (Cored interval: 7.0-16.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
8	1								<p>SILTY CLAY</p> <p>This core contains olive gray silty clay. The color of the silty clay is brownish gray at the top of the core, in Section 4 (35 cm) color changes to a medium olive gray and dark olive gray silty clay. Thin silt layers and patches occur in Section 1, 52 cm, Section 2, 10 cm and 101 cm, Section 3, 84-134 cm (dispersed silt layers), Section 4, 17-30 cm, 45 cm, and 70-90 cm. A tan carbonate hardspot is present in Section 5, ~70 cm, a large tanish green carbonate concretion is present in Section 6 and a possible carbonate layer is present in Section 6, 60-80 cm. Large obvious burrows occur in Sections 1 and 2. Shell fragments are present throughout. Sections 7 and 8 (CC) contain flow-in.</p>
10	2								
12	3								
14	4								
16	5								
	6								
	7								
	8								

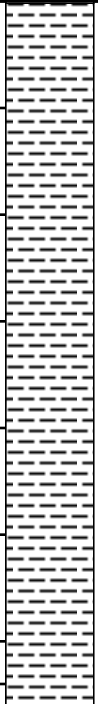
Core Photo

Core 1235B-3H (Cored interval: 16.5-26.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
18	1								<p>SILTY CLAY</p> <p>This core contains dark olive gray silty clay. Subtle dark mottles are present throughout the core. Irregular silty layers are present in Sections 2, 4, and 7. Silty patches exist in Section 1, 22 cm, Section 2, ~40 cm, Section 3, 40 cm and 60 cm, Section 4, 32 cm, and Section 7, 40 cm. Shell fragments are present throughout and a large bivalve is in Section 3.</p>
20	2								
22	3								
24	4								
26	5								
	6								
	7								
	8								

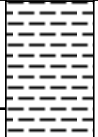

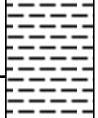
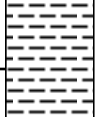
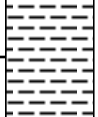

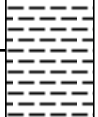
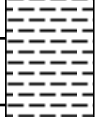

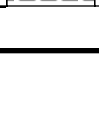

Core Photo

Core 1235B-4H (Cored interval: 26.0-35.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
28	1								<p>SILTY CLAY</p> <p>This core contains homogeneous dark olive gray silty clay with small silt patches and irregular or diffuse layers (Section 2, 70 cm, 135 cm, and 140 cm, Section 3, 100-110 cm and 135 cm, Section 4, 40 cm and 100 cm, and Section 5, 120-132 cm). Shell fragments occur frequently. A large bivalve is present in Section 7.</p>
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								

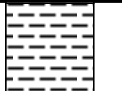




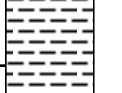
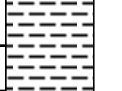

Core Photo

Core 1235B-5H (Cored interval: 35.5-45.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
36-	1								<p>SILTY CLAY</p> <p>This core contains homogeneous dark olive gray silty clay with multiple fissures throughout due to gas expansion. Shell fragments are also present throughout the length of the core.</p>
38-	2			∅∅∅					
40-	3			∅∅∅					
42-	4			∅∅∅					
44-	5			∅∅∅					
	6			∅∅∅					
	7			∅∅∅					
	8							SS	

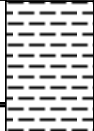
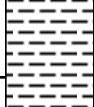
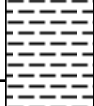
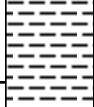
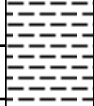


Core Photo

Core 1235B-6H (Cored interval: 45.0-54.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
46	1								<p>SILTY CLAY</p> <p>This core contains dark olive gray silty clay. The sediment is mostly homogeneous. Shell fragments are frequent throughout the core. Thin fissures occur in Section 1 and Section 6.</p>
48	2								
	3								
50	4							PP CAR	
52	5							CAR PP	
	6								
54	7								
	8								

Core Photo

Core 1235B-7H (Cored interval: 54.5-64.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
56	1								<p>SILTY CLAY</p> <p>This core contains dark olive gray silty clay. The sediment is mostly homogeneous. Slight mottling occurs in the lower half of Section 1 and the upper portion of Section 6. A subtle color contact is present in Section 2, 39 cm. Shell fragments occur in Sections 1-6 and are most abundant in Sections 3-5.</p>
58	2								
	3								
	4								
	5								
62	6								
	7								
	8								

Core Photo

Core 1235B-8H (Cored interval: 64.0-73.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
66	1								<p>SILTY CLAY</p> <p>This core contains dark olive gray silty clay, homogeneous in color and texture. Shell fragments are abundant in Sections 1-3, and fissures are present all throughout the core due to gas expansion.</p>
66	2								
68	3								
68	4								
70	5								
	6								
	7								

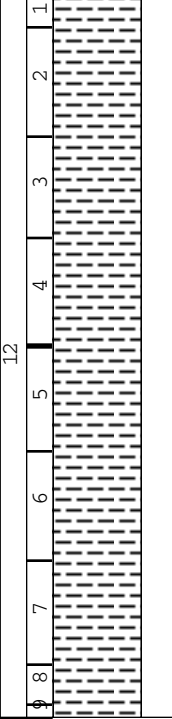
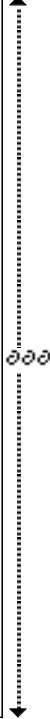
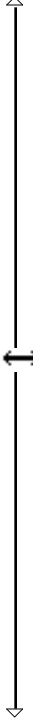
Core Photo

Core 1235B-10H (Cored interval: 83.0-92.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
84	1								<p>SILTY CLAY</p> <p>This core contains silty clay and is homogeneous in texture throughout. Sections 1 and 2 are light olive gray. Color changes from light olive gray to brownish-gray in Section 3 and then to olive gray in Sections 4 and 5. A light olive gray mottle is present at the top of Section 5. At the base of Section 5, a mottled color transition occurs from olive gray to brownish-gray and the remainder of the core is brownish gray. Section 4 contains a light beige fine-grained carbonate-rich layer from 113-120 cm. Fissures due to gas expansion are prominent in Sections 3 and 6-8. Trace amounts of sulfide are present as faded black spots in Sections 1-3. Shell fragments are observed in Sections 6 and 7.</p>
86	2								
	3								
	4								
88	5								
	6								
90	7								
92	8								

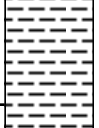
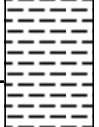
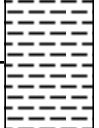
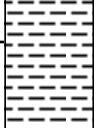
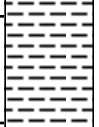
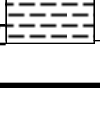

Core Photo

Core 1235B-11H (Cored interval: 92.5-102.0 mbsf)										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
94	1								<p>SILTY CLAY</p> <p>This core contains olive gray silty clay that is homogeneous in color and texture throughout. Shell fragments are abundant in Sections 1-3. Fissures are present throughout the entire core, but the largest (cm-scale) fissures are noted in the core log.</p>	
	2							↕		PP CAR
	3									PP CAR
	4							↕		PP PP
	5							↕		CAR PP
	6							↕		CAR PP
	7							↕		CAR PP
102	8							↕		CAR PP

Core Photo

Core 1235B-12H (Cored interval: 102.0-111.5 mbsf)							
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
104 106 108 110 112	1 2 3 4 5 6 7 8						<p>SILTY CLAY</p> <p>This core contains firm olive gray silty clay. Minor amounts of shell fragments are scattered throughout. Fissures due to gas expansion are present in all sections.</p>

Core Photo

Core 1235B-13H (Cored interval: 111.5-121.0 mbsf)							
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
112	1			ooo			<p>SILTY CLAY</p> <p>This core contains dark olive gray silty clay, homogeneous in color and texture throughout. Shell fragments are abundant in Sections 2, 3, 6, and 7. Large (cm-scale), disturbed fissures are present due to gas expansion in Sections 3 and 6 and smaller fissures occur throughout.</p>
114	2			ooo o o			
	3			ooo	↑		
116	4						
118	5				o o		
	6			ooo ooo ooo	↑ ↑		
120	7						


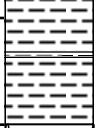
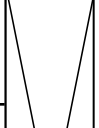
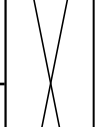
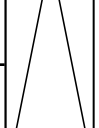
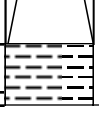



Core Photo

Core 1235B-14H (Cored interval: 121.0-130.5 mbsf)							
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
122	1	[Hatched pattern]		ooo			<p>SILTY CLAY and VOLCANIC ASH</p> <p>This core contains homogeneous dark olive gray silty clay. A few patches of shell fragments are present throughout the core. A light colored ash layer is present in Section 5 between 123 and 127 cm with patches of ash ranging from 116 to 140 cm.</p>
124	2	[Hatched pattern]		ooo			
	3	[Hatched pattern]		ooo			
126	4	[Hatched pattern]		ooo		CAR PP	
	5	[Hatched pattern]		ooo		CAR PP	
128	6	[Hatched pattern]		ooo		SS	

Core Photo

Core 1235B-15H (Cored interval: 130.5-140.0 mbsf)							
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
132	1						<p>SILTY CLAY</p> <p>This core contains dark olive gray silty clay with subtle mottling and frequent patches of shell fragments. A patch of silt is present in Section 4, at 120 cm. Fractures due to gas expansion occur in Sections 2 and 4.</p>
134	2						
136	3						
136	4						
138	5						
138	6						
140	7						

Core Photo

Core 1235B-16H (Cored interval: 140.0-149.5 mbsf)							
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.
							DESCRIPTION
142	1						
144	2						
146	3						
148	4						
	5						
	6						
	7						
	8						
	16						
							<p>SILTY CLAY</p> <p>This core exploded on the catwalk and Sections 2-6 were pulverized. The remaining sections contain homogeneous olive gray and light olive gray silty clay with patches of shell fragments. The top of the core is olive gray which becomes lighter at the base of Section 1. In Section 2, a light olive gray, possibly calcareous-rich layer, is present between 48 and 54 cm. The color becomes darker towards the base of Section 2. Section 7 and the core catcher are dark olive gray. A patch of silt is present in Section 1, at 124 cm.</p>

Core Photo

Core 1235B-17H (Cored interval: 149.5-159.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
150	1								<p>SILTY CLAY</p> <p>This core contains olive to dark olive gray silty clay. Patches of shell fragments are present throughout the core, occasional patches of spicules are visible, and mottling is subtle. Silt patches occur in Section 1, 42 cm and Section 3, 2-4 cm. A burrow (1.5 cm thick) is present in Section 8, 24-31 cm.</p>
152	2								
154	3								
156	4								
158	5								
	6								
	7								
	8								

Core Photo

Core 1235B-18H (Cored interval: 159.0-168.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
160	1								<p>SILTY CLAY</p> <p>This core contains olive gray and grayish olive silty clay. The top of the core is dark olive gray and faintly mottled and becomes lighter at approximately 85 cm in Section 1. The top of Section 1 and Section 2 contain olive gray silty clay that may be nannofossil-rich. In Sections 3 and 4, subtle to slight mottling of the grayish olive and olive gray sediment is present except in Section 4 at ~50-100 cm where a pale olive patch is visible in homogeneous olive gray silty clay. Sections 6 and 7 and the core catcher are grayish olive in color and may be nannofossil-rich. A number of silt patches are present in Section 1, between 7-42 cm, 72-77 cm, and at 118 cm, in Section 2, at 8 cm, 100 cm, 110 cm, and in Section 7, between 10-13 cm. Two calcareous concretions are present in Sections 3 and 4 and yellowish gray calcified patches are visible in Sections 5 and 6.</p>
162	2								
164	3								
164	4								
166	5								
166	6								
168	7								

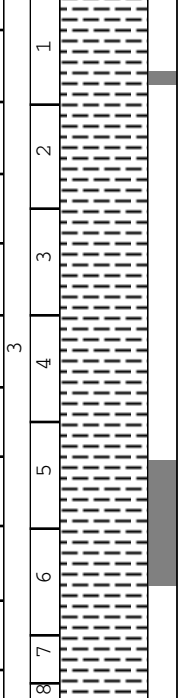
Core Photo

Core 1235B-19H (Cored interval: 168.5-176.2 mbsf)						
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES FOSSILS	DISTURB.	SAMPLE
DESCRIPTION						
170 172 174 176	1 2 3 4 5 6 7					<p>SILTY CLAY</p> <p>This core contains grayish olive and olive gray silty clay with patches of shell fragments dispersed throughout the core. The grayish olive color present at the top of the core becomes darker near the top of Section 2. Faint mottling of grayish olive and olive gray is visible at the base of Section 2 through Section 4, 40 cm. The rest of the sediment in the core is homogeneous in grayish olive silty clay, except where mottling intervals or calcified layers are noted. Hard yellowish gray calcified layers are present in Sections 2, 4, and 5 (diffused) and hard yellowish gray calcified patches are present in Section 2, 91 cm, Section 4, 10 cm, Section 5, 66 cm, and Section 6, 3-6 cm. Silt patches are present in Section 1, at 42 cm and 59 cm, Section 2, 128 cm, and Section 3, 94 cm.</p>

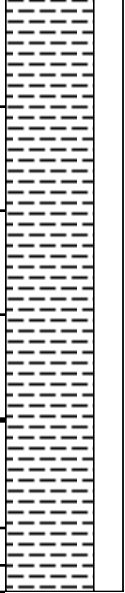
Core Photo

Core 1235C-1H (Cored interval: 0.5-10.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1	1								<p>SILTY CLAY</p> <p>This core contains primarily olive gray silty clay. A darker, brownish gray sandy silt layer is present in Section 1, ~10 cm through Section 2, ~25 cm. Many sandy silt patch are dispersed approximately every 15 cm between ~25 cm in Section 3 through ~80 cm in Section 5. A large (4-5 cm long) gastropod shell is present at the base of Section 1 and a number of patches of shell fragments are present in Sections 2 and 4. Large burrows filled with brownish gray sandy silt are visible in Section 2 between 57 and 116 cm.</p>
2	2								
3	3								
4	4								
5	5								
6	6								
7	7								
8	8								

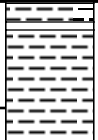

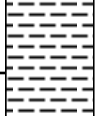
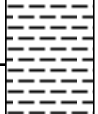

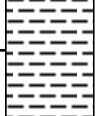
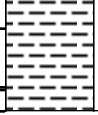
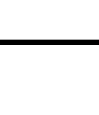



Core Photo

Core 1235C-3H (Cored interval: 19.5-29.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
20-	1								<p>SILTY CLAY</p> <p>This core contains olive gray silty clay with dark olive mottles and some siltier or sandier patches. The silty patches occur in Section 1, 5 cm and 146 cm, Section 2, 3-5 cm, 33 cm, 84 cm, Section 4, 53 cm, 81 cm (sandy), 98-106 cm (numerous), 117-120 cm (numerous), Section 5, 14 cm, and Section 7, 80 and 83 cm. Patches of shell fragments are dispersed throughout the core. Expansion fissures occur in some sections.</p>
22-	2								
24-	3						↑		
26-	4								
28-	5								
	6								
	7						↑		
	8								

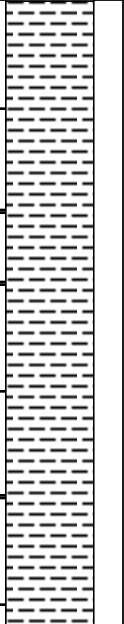
Core Photo

Core 1235C-4H (Cored interval: 29.0-38.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
30	1								<p>SILTY CLAY</p> <p>This core contains very firm dark olive gray silty clay. Thin fissures, probably due to gas expansion, occur in most sections. Patches of shell fragments are dispersed throughout the core.</p>
32	2								
	3								
34	4								
	4								
36	5								
	6								
	7								

Core Photo

Core 1235C-5H (Cored interval: 38.5-48.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
40	1								<p>SILTY CLAY</p> <p>This core contains firm and homogeneous dark olive gray silty clay. Small shell fragments are scattered throughout, and larger fragments are noted in the log. At 62 cm in Section 6 there are cm-scale patches of lighter-colored sediment. Multiple small fissures due to gas expansion occur throughout the core. The uppermost 60 cm of Section 1 are disturbed.</p>
42	2								
	3								
	4								
	5								
	6								
46	7								

Core Photo

Core 1235C-6H (Cored interval: 48.0-57.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
50 52 54 56	1 2 3 4 5 6 7								<p>SILTY CLAY</p> <p>This core consists of firm and homogeneous dark olive gray silty clay. Shell fragments are scattered throughout the core and are particularly abundant in Sections 3 and 4. Small fissures due to gas expansion are present throughout.</p>

Core Photo

Core 1235C-7H (Cored 57.5-67.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
58- 60- 62- 64- 66-	1 2 3 4 5 6 7							SS SS	<p>SILTY CLAY</p> <p>This core contains primarily firm and homogeneous silty clay. Sediment color gradually changes in Section 1 down core from dark olive gray to olive gray and, beginning at 130 cm in Section 2, again back to dark olive gray. A sharp color contact to brownish olive gray is present. Downcore sediments gradually change again to dark olive gray. A carbonate concretion (cm-scale) occurs Section 2 at 34-38 cm. Shell fragments are scattered throughout the core. Multiple small fissures due to gas expansion occur in some intervals.</p>

Core Photo

Core 1235C-9H (Cored interval: 76.5-86.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
78	1								<p>SILTY CLAY</p> <p>This core contains firm olive gray silty clay. Two carbonate concretions are present in Section 1, 4 cm and 148 cm. A inorganic calcite layer occurs in Section 2, 1-7 cm and a 0.5 cm silt layer is at 45 cm. Minor shell fragments are scattered throughout.</p>
	2								
	3								
	4								
	5								
	6								
	7								
86	8								

Core Photo

Core 1235C-10H (Cored interval: 86.0-95.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
88- 90- 92- 94-	1 2 3 4 5 6 7 8 9 10								<p>SILTY CLAY</p> <p>This core contains primarily firm and homogeneous dark gray olive silty clay. In Section 1, 5 cm and 22 cm, carbonate concretions are present. Small shell fragments are scattered throughout. Minor fissures due to degassing occur in Sections 3, 4, 7, and 8.</p>

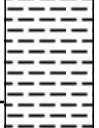
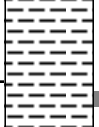
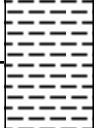
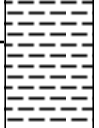
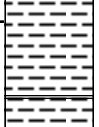
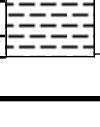

Core Photo

Core 1235C-11H (Cored interval: 95.5-105.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
96	1								<p>SILTY CLAY</p> <p>This core contains compacted, homogeneous dark olive gray silty clay. Larger shell fragments are present in Sections 4 and 5. Occasional minor fissures due to gas expansion occur throughout the core, larger fissures (cm-scale) are present in Section 5 at 64 and 131 cm.</p>
98	2								
	3			∅∅∅					
	4			∅∅∅					
100	5								
102	6								
	7								
104	8								

Core Photo

Core 1235C-12H (Cored interval: 105.0-114.5 mbsf)							
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
106	1						<p>SILTY CLAY</p> <p>This core contains primarily firm and homogeneous dark olive gray silty clay. A few shell fragments are scattered throughout the core. A larger shell fragment is present in Section 6 at 36 cm. Minor fissures due to gas expansion occur in Section 7.</p>
108	2						
	3						
110	4						
	5						
112	6						
	7						
114	8						

Core Photo

Core 1235C-13H (Cored interval: 114.5-124.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
116	1						↑		<p>SILTY CLAY</p> <p>This core contains firm silty clay (homogeneous in texture) with gradational changes between light olive gray, olive gray and dark olive gray. Section 1 is light olive gray. The top of Section 2 is dark olive gray from 0-10 cm, at which point it changes gradationally back to light olive gray. Section 3 is olive gray with light olive gray mottles from 15-36 cm. Between 40 and 70 cm, there is a gradational change from olive gray to dark olive gray. This color change is accompanied by a dramatic increase in magnetic susceptibility, so smear slides were taken on each side of the transition. The remainder of the core is dark olive gray. Shell fragments occur in Sections 3-6. A void exists in Section 6 from 106-112 cm. Fissures (< cm-scale) due to gas expansion occurs in Sections 3 and 4.</p>
118	2						↑	SS	
	3						↑		
120	4						↑	SS	
122	5								
	6								
124	7								

Core Photo

Core 1235C-14H (Cored interval: 124.0-133.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
126	1	[Hatched pattern]							<p>SILTY CLAY</p> <p>This core contains firm and homogeneous (texture) silty clay with a gradational color change at the top of Section 5 from dark olive gray to very dark olive gray downcore. Shell fragments are very abundant in this core and are scattered throughout. Small fissures due to gas expansion occur in most sections. A void is present in Section 7 between 50 and 55 cm.</p>
	2	[Hatched pattern]							
128	3	[Hatched pattern]							
	4	[Hatched pattern]							
130	5	[Hatched pattern]							
	6	[Hatched pattern]							
132	7	[Hatched pattern]							
134	8	[Hatched pattern]							

Core Photo

Core 1235C-15H (Cored interval: 133.5-143.0 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
134	1					ooo			<p>SILTY CLAY</p> <p>This core contains olive gray and light olive gray silty clay. An inclined silty layers (~0.5 cm thick) is present in Section 1, between 87 and 89 cm. The olive gray color persists from the top of the core until the base of Section 2, when it gradually changes to a light olive gray. Some patches of shell fragments are present. Subtle to slight mottling is present in Sections 1 and 5, occurring with a light olive gray color that contains nannofossils. A dark, hard mudclast is visible near the base of Section 3. A few very small (<3 mm) silty patches are present in Section 4, ~136 cm. The sediment is slightly fractured in the middle of Section 2 and a void is present in Section 4.</p>
136	2					ooo	↕		
138	3					ooo			
140	4					ooo			
142	5					ooo			
	6					ooo			
	7					ooo			
	8					ooo			

Core Photo

Core 1235C-16H (Cored interval: 143.0-152.5 mbsf)									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
144	1			ooo					<p>SILTY CLAY</p> <p>The dominant lithology of this core is homogeneous olive gray silty clay. In Section 3, 0-25 cm, an interval of grayish olive silty clay is present. A diffuse silt layer is present in Section 5, 53 cm. Silt spots, which are more frequent below 45 cm into Section 3 are present in Section 2, 32 cm, Section 3, 45 cm and 81-83 cm, Section 4, 33-35 cm, 47-51 cm, 60-63 cm, 78-80 cm, 85-93 cm, and 138-140 cm, Section 5, 33-34 cm, 64 cm, 102 cm, 106 cm and 148 cm, Section 6, 29 cm, 93-94 cm, 110 cm, 120-123 cm, 140-145 cm, and Section 7, 20 cm and 40 cm. Shell fragments are scattered throughout the core.</p>
146	2			ooo	↕		↕		
148	3			ooo	↕				
150	4			ooo	↕				
152	5			ooo	↕				
	6			ooo	↕				
	7			ooo	↕				

Sample				Texture			Mineral														Biogenic							Rock			Comments																		
Core	Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand (%)	Silt (%)	Clay (%)	Amphibole (8)	Clay Mineral (47)	Clinopyroxene (49)	Dolomite (62)	Epidote (67)	Feldspar (71)	Garnet (79)	Glauconite (82)	Heavy Minerals (89)	Hematite (90)	Inorganic Calcite (97)	Mica (118)	Opauques (140)	Orthopyroxene (143)	Palagonite (148)	Phillipsite (155)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Rutile (178)	Titanite (210)	Volcanic Glass (81)		Zircon (223)	Diatoms (58)	Foramifers (78)	Nannofossils (132)	Pollen (162)	Radiolarians (173)	Siliceous Sponge Spicules (185)	Silicoflagellates (189)	Bioclasts (21)	Micrite (119)	Volcanic Fragments (220)							
Hole A (continued)																																																	
20	H	4	70	176.21	M	2	15	83		R				6	4				80				R		6					2	2																		
Hole B																																																	
5	H	3	75	39.25	D	0	27	73	2	62			R	12	4				2				2	5	4			2	R			5			R														
9	H	3	75	77.26	D	0	23	77	8	38				15					8	R				8	R	8			8				8																
10	H	4	115	87.55	M	0	0	100	R	18					4				74					R					4	R																			
14	H	5	124	128.27	M	60	40	0	R				R	9						R	R	R					R		89																				
Hole C																																																	
7	H	2	35	59.35	M	0	5	95	R										95		2					R			2																				
7	H	6	140	65.54	M	0	6	94	R	86				R	R						3	R					3			7	R					R	R												
8	H	4	13	71.61	M	0	9	91	3	78			R	3	3				R		6			R	R	R			6	R																			
9	H	2	4	78.05	M	0	6	94	R					2	R				91		6					R			2																				
13	H	2	100	117.01	D	0	25	75	R	49	R		R	11	R				2			R	R		3	3	R	2	2	R	25			3			R												
13	H	4	25	119.27	D	0	23	77	R	65	R		R	13	R				1	R		R	R		9	4	R	R	1		6			R	R	R	R												