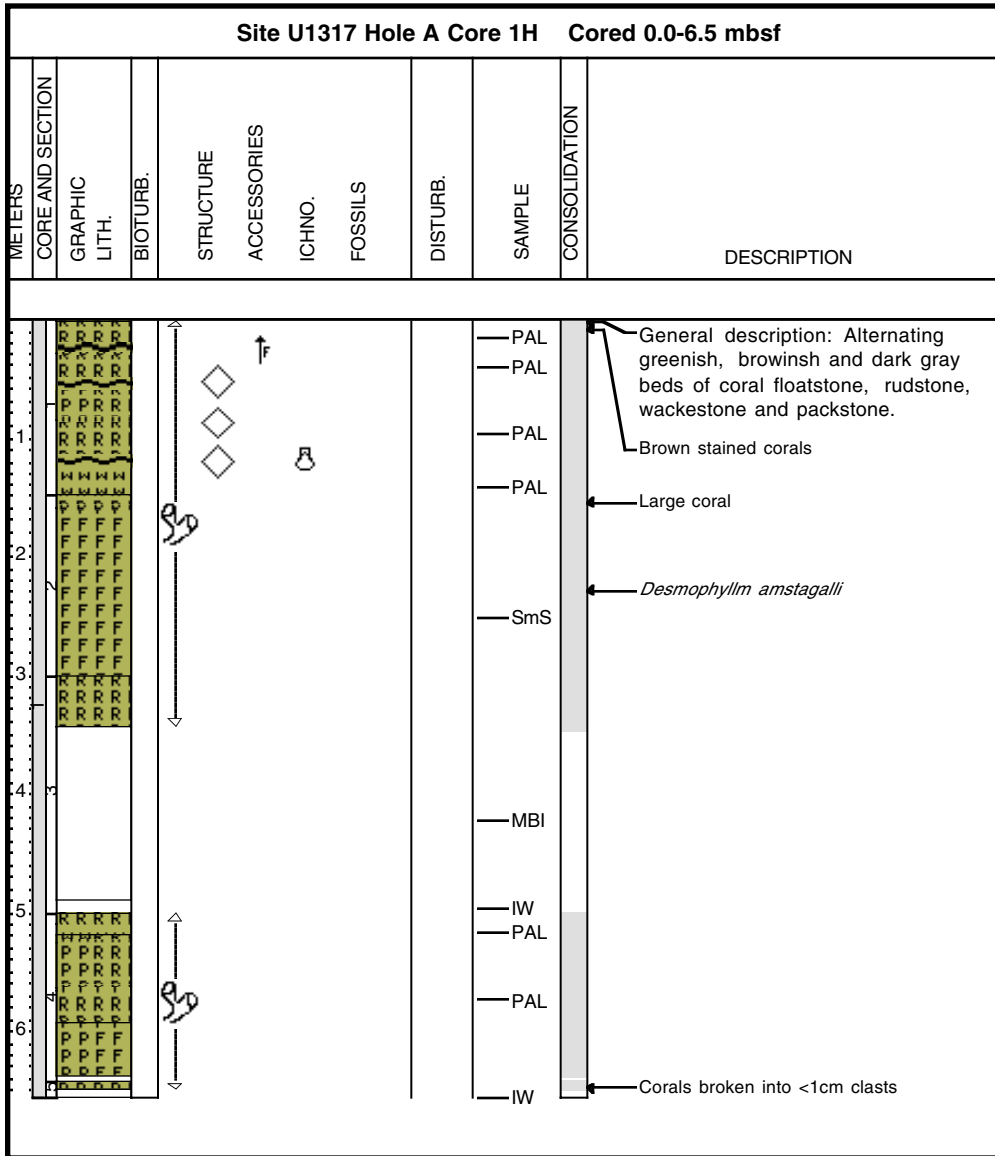
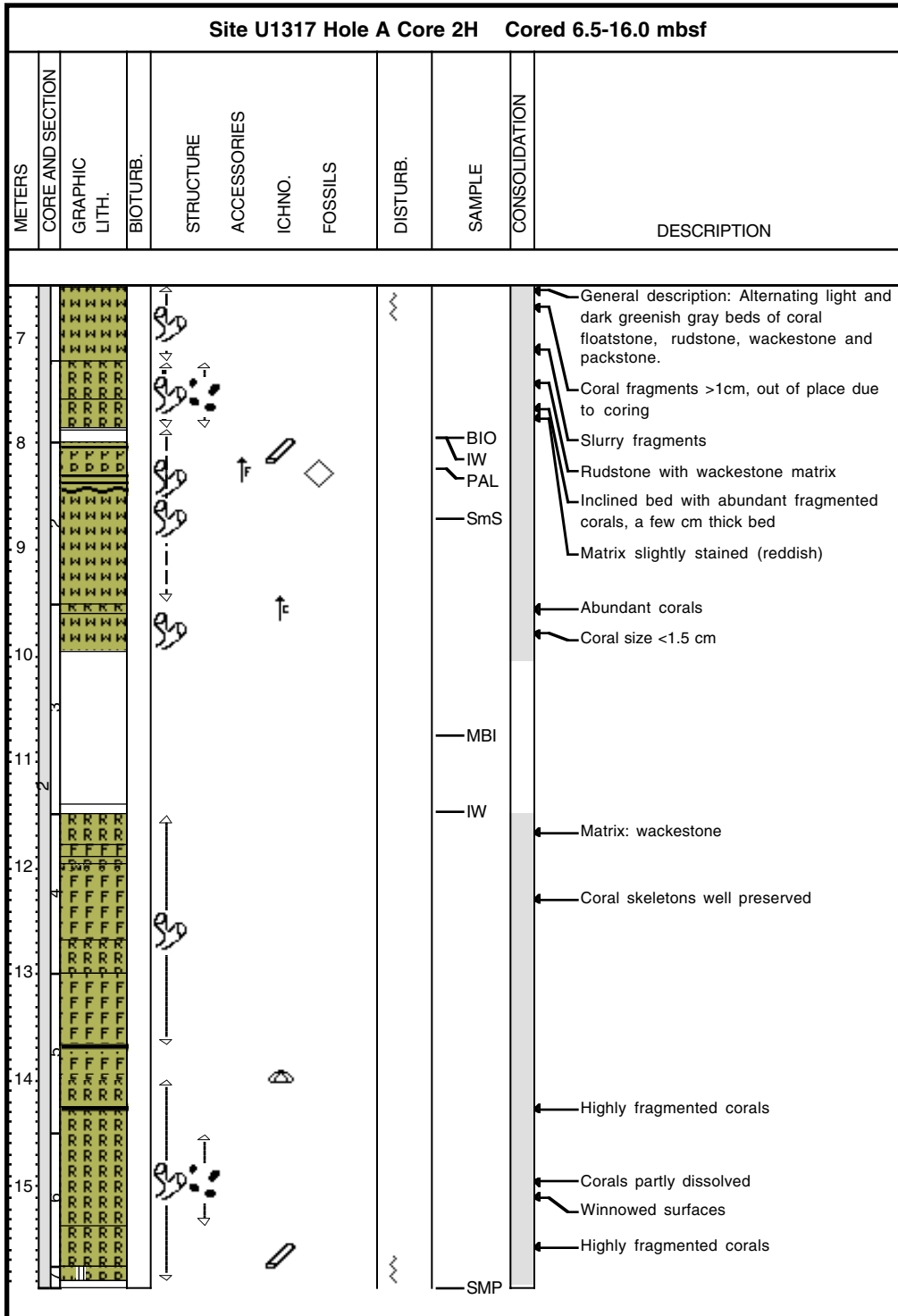


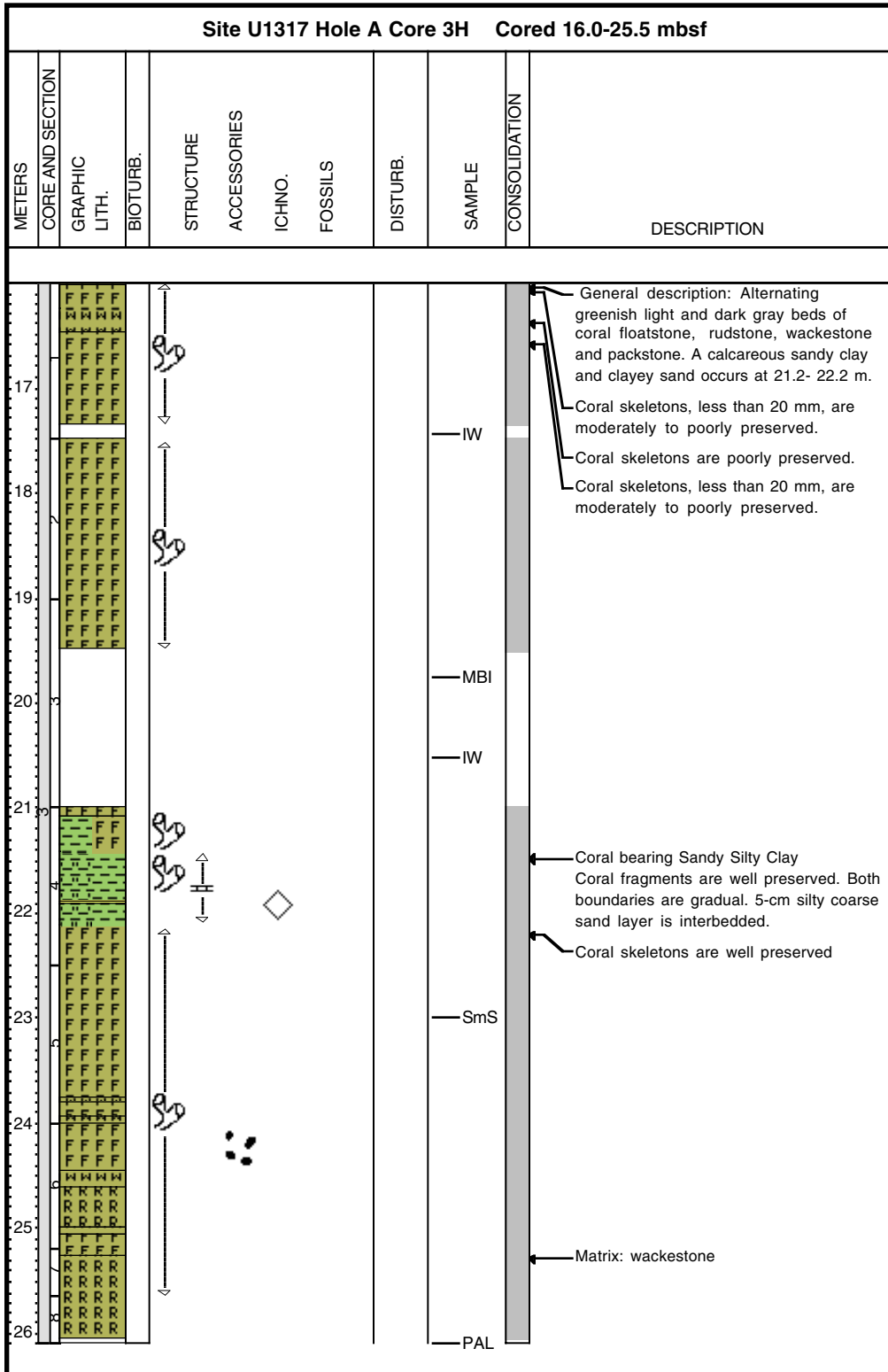
### Core Photo



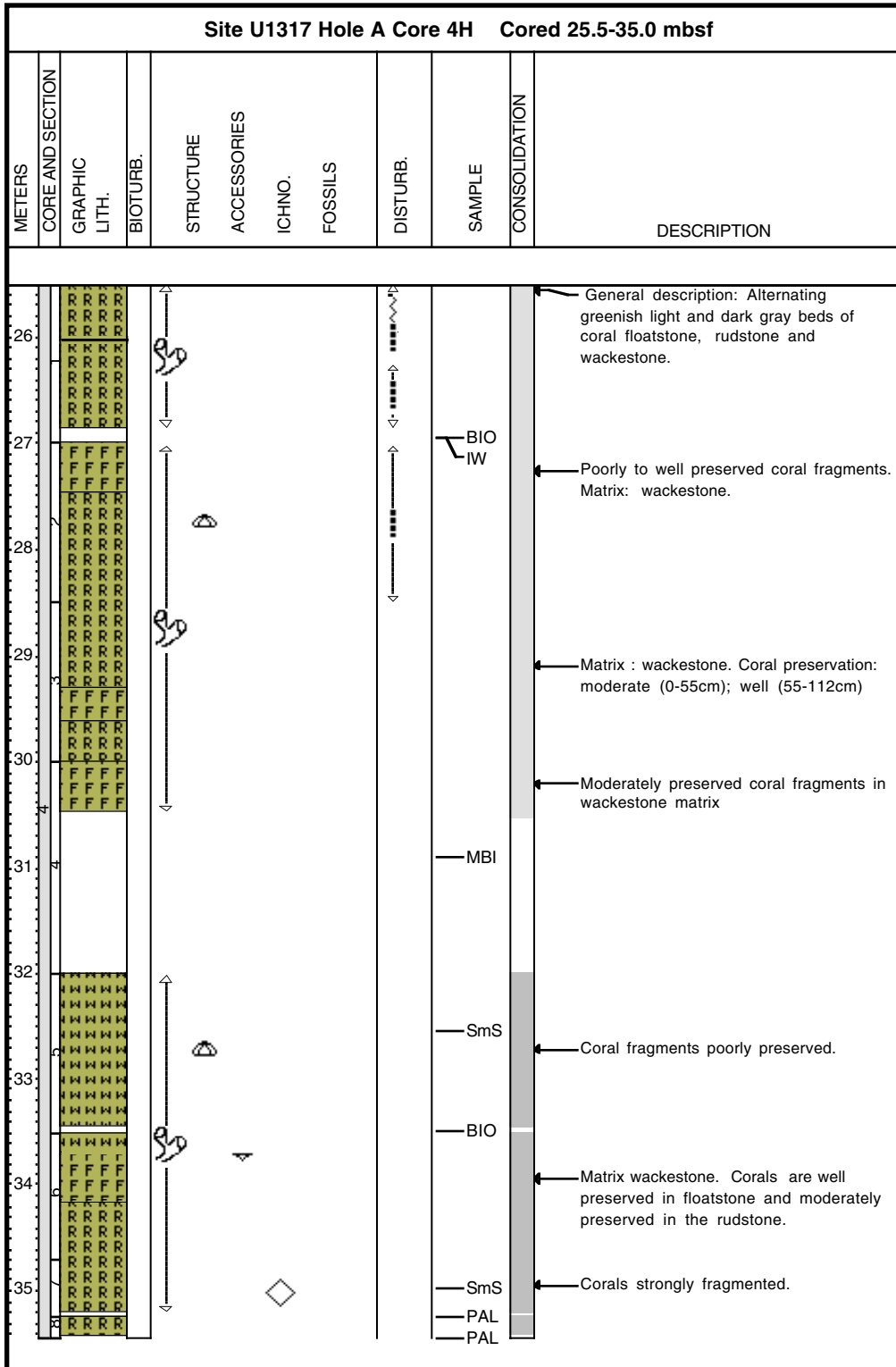
### Core Photo



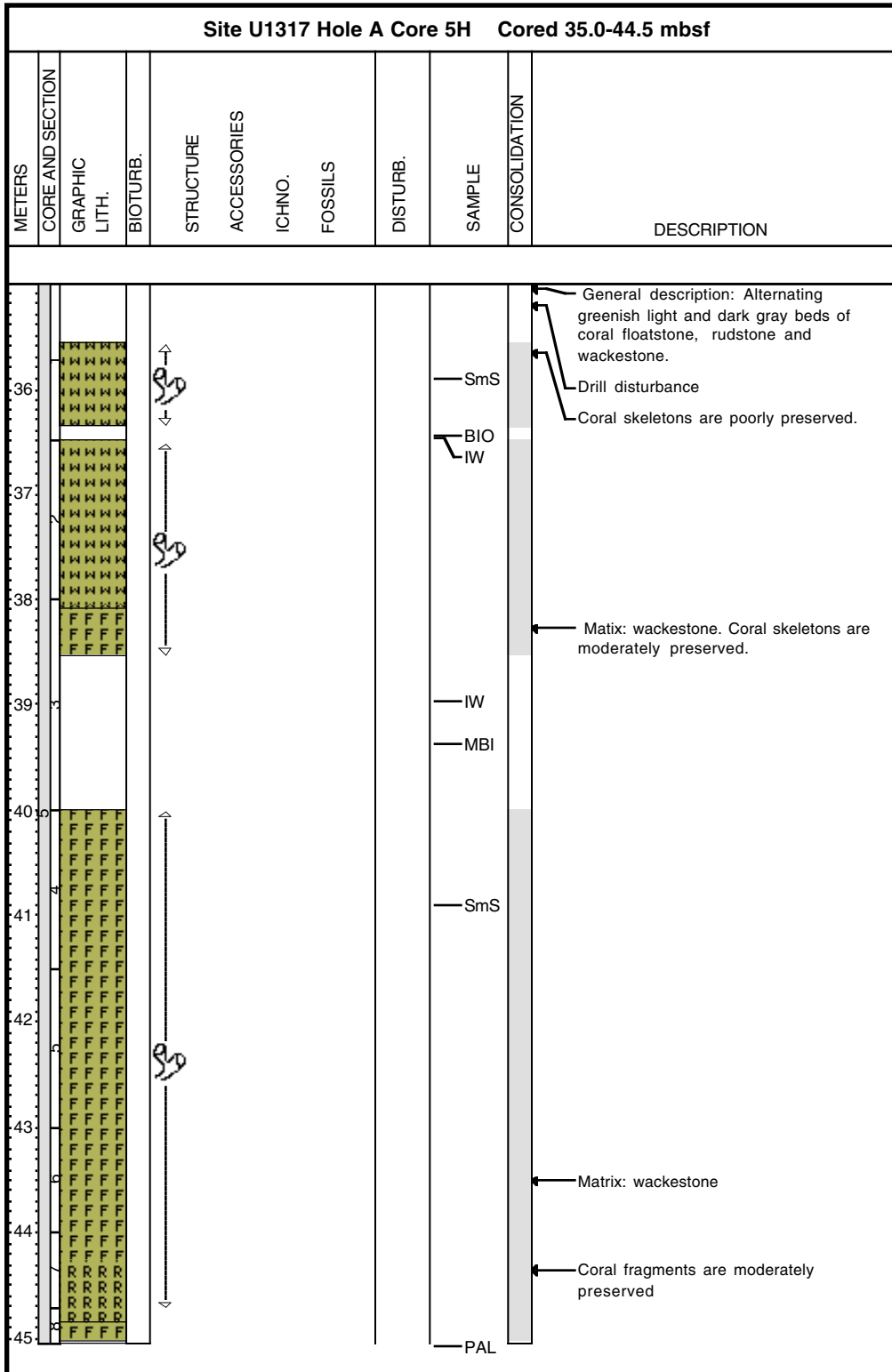
### Core Photo



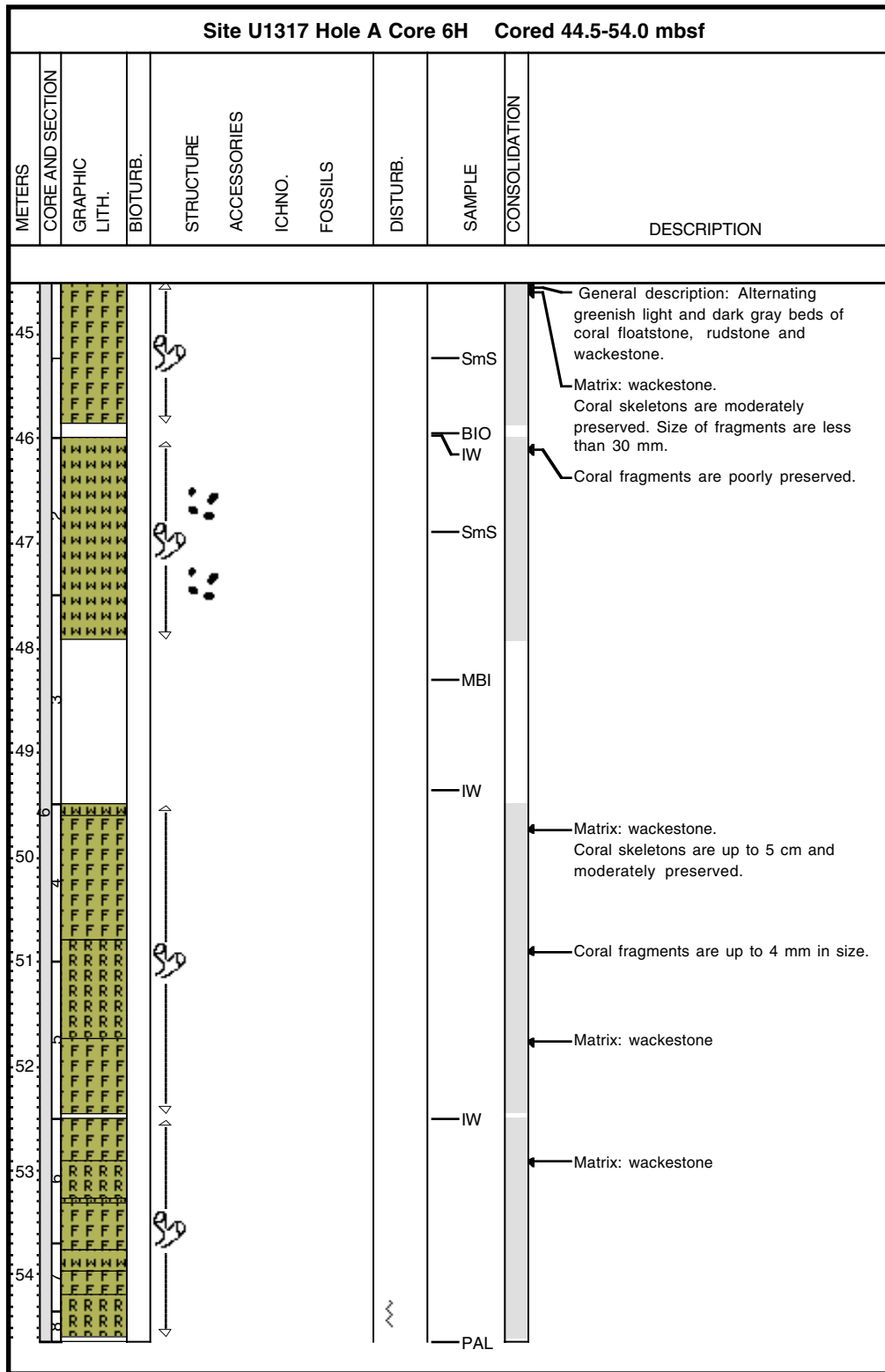
### Core Photo



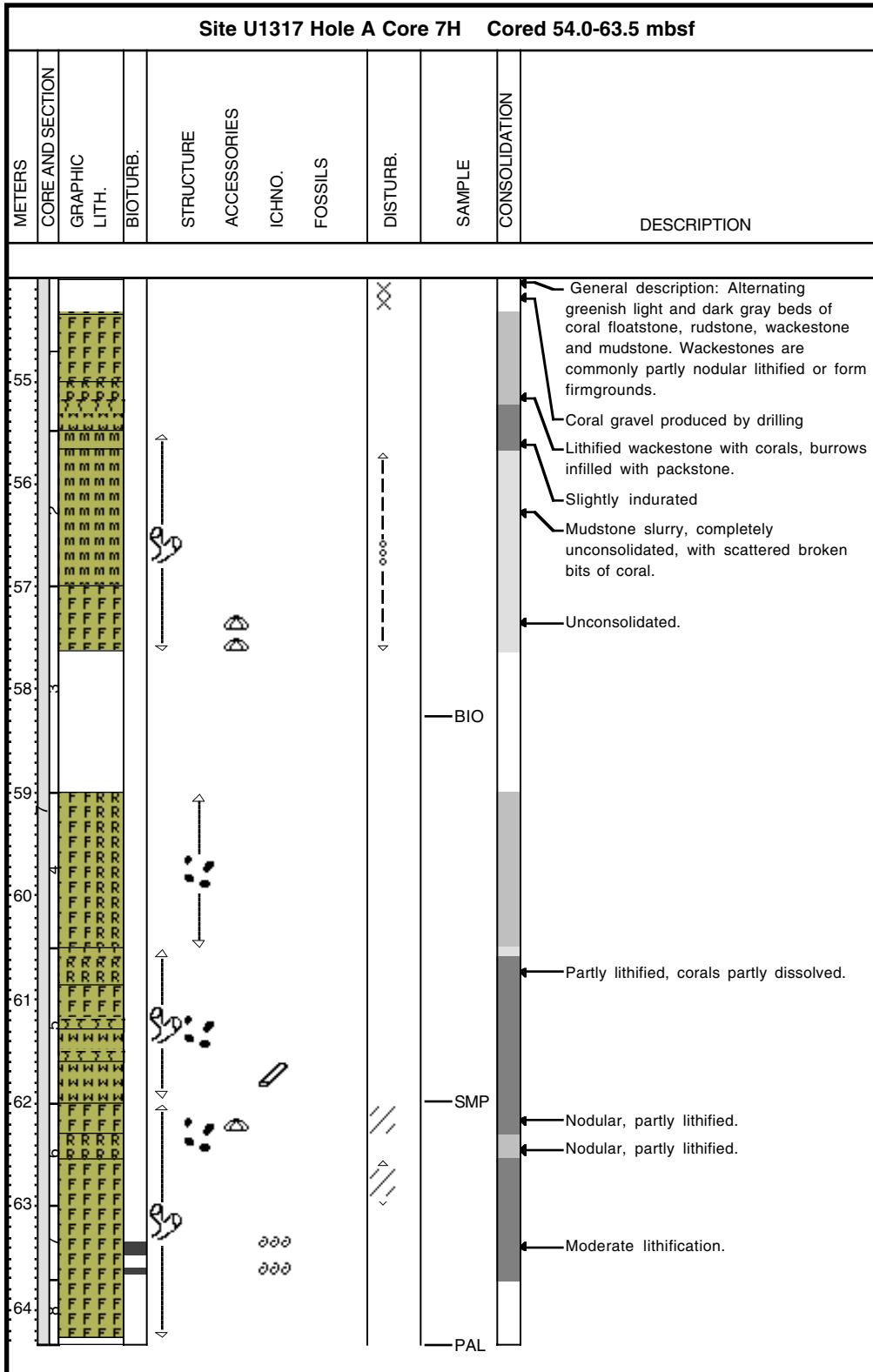
### Core Photo



### Core Photo

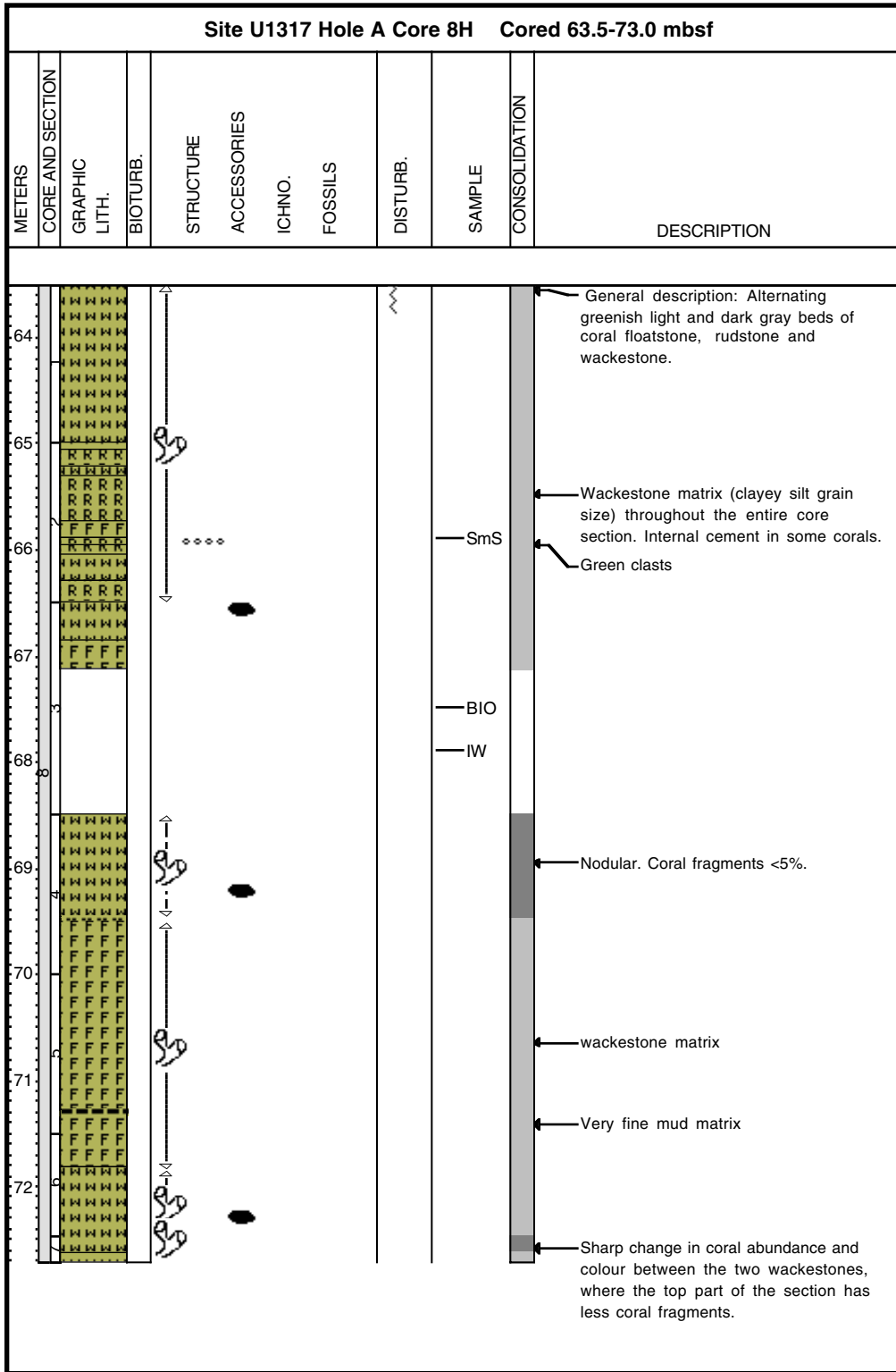


### Core Photo

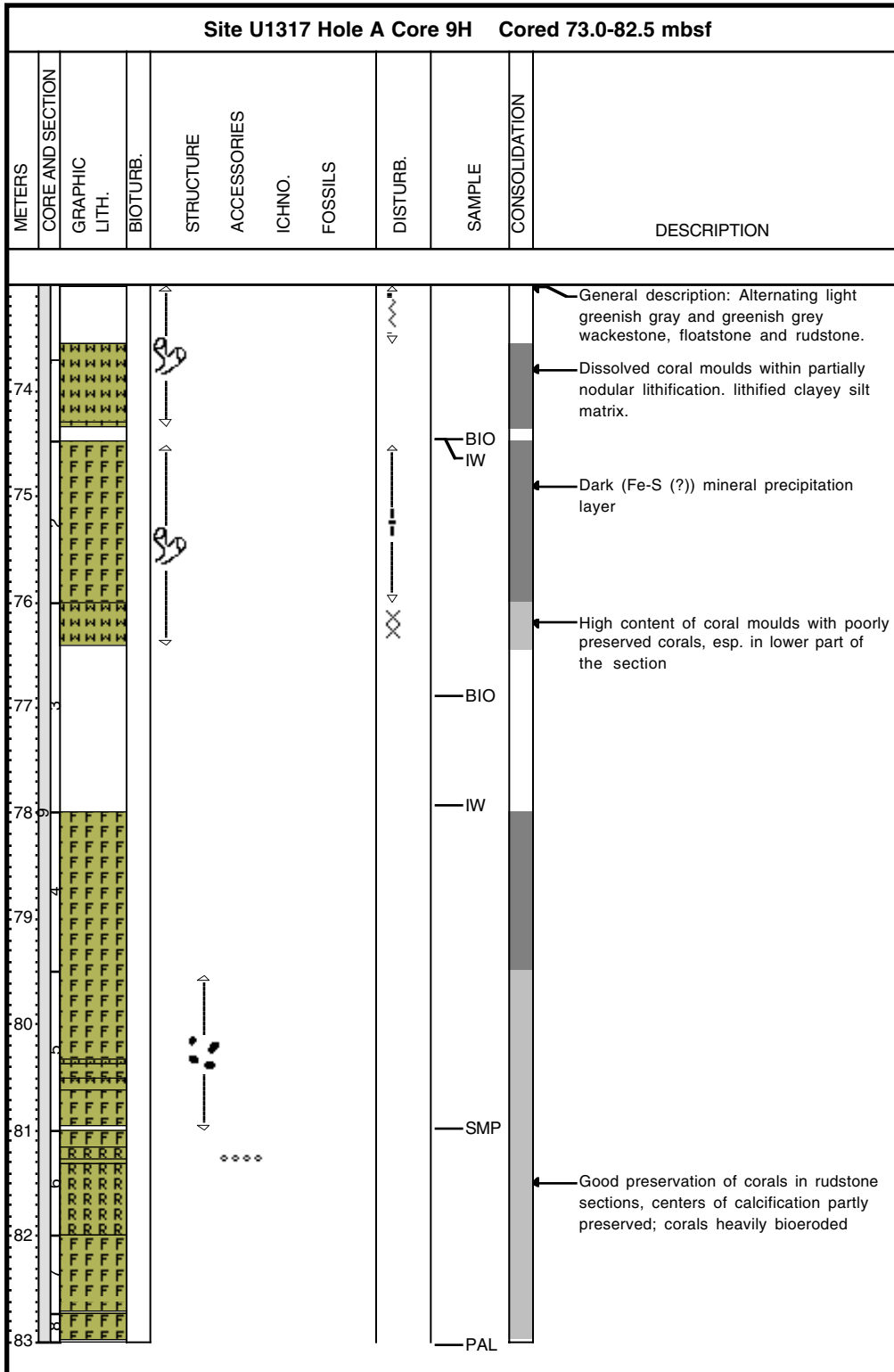




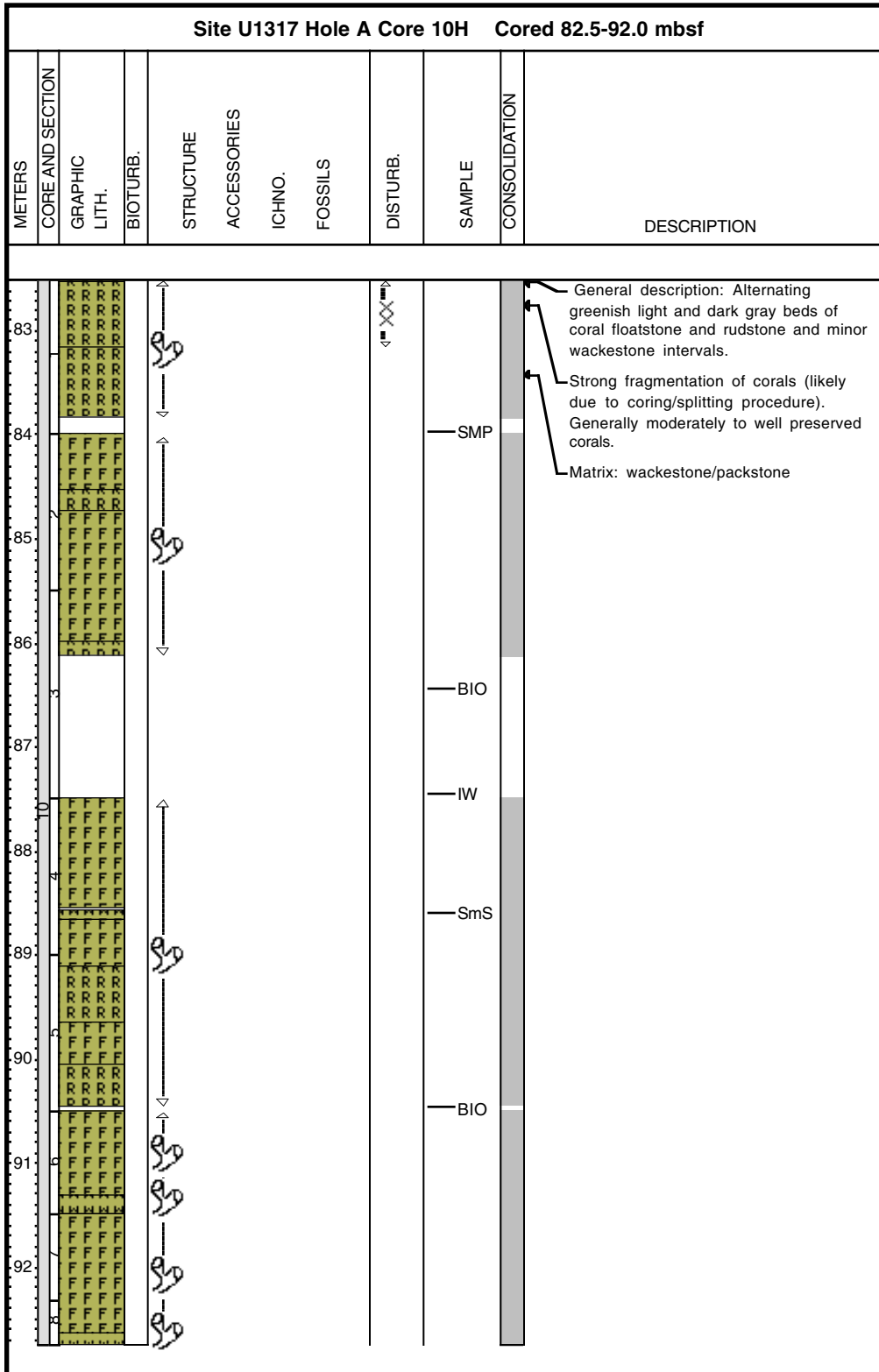
### Core Photo



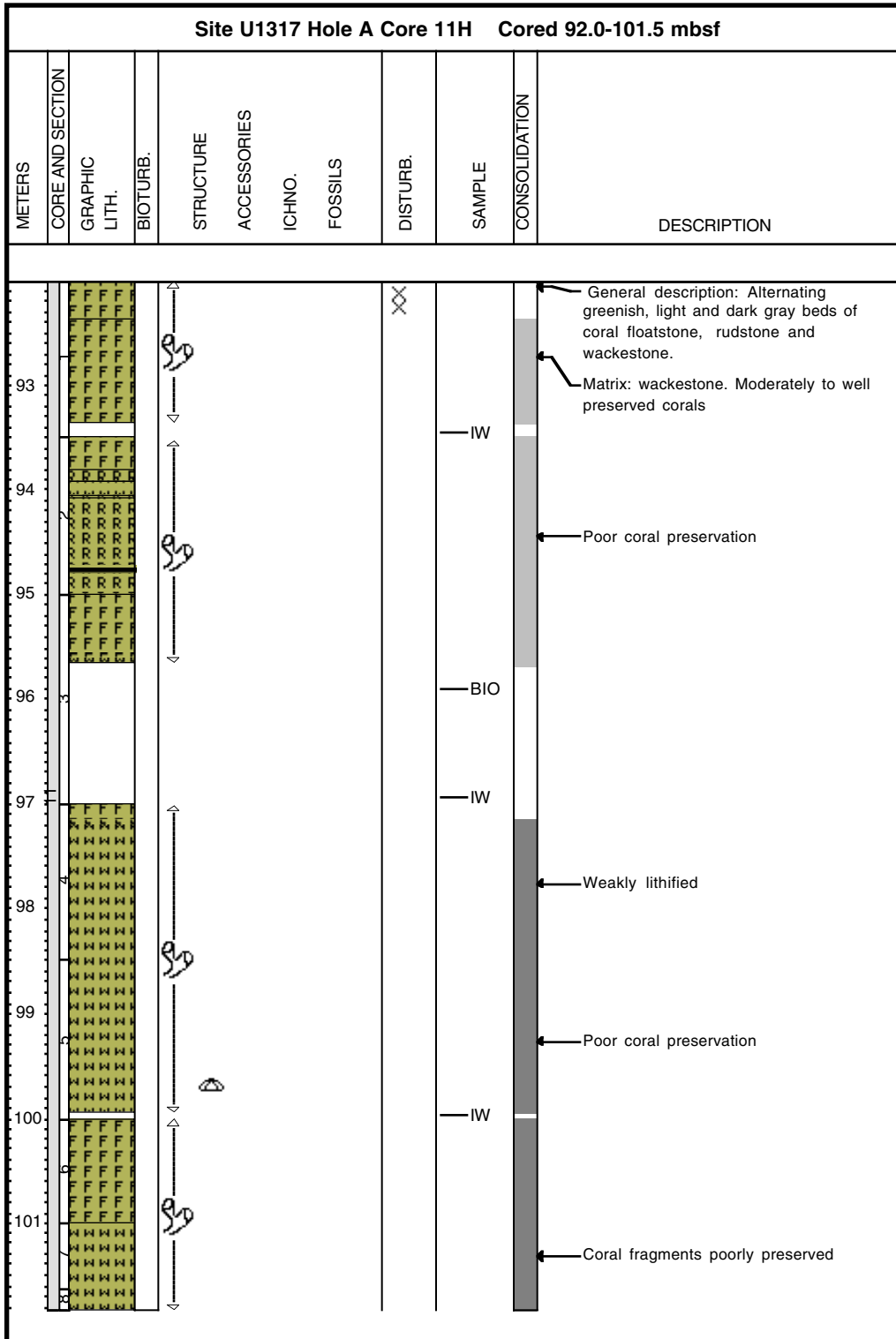
### Core Photo



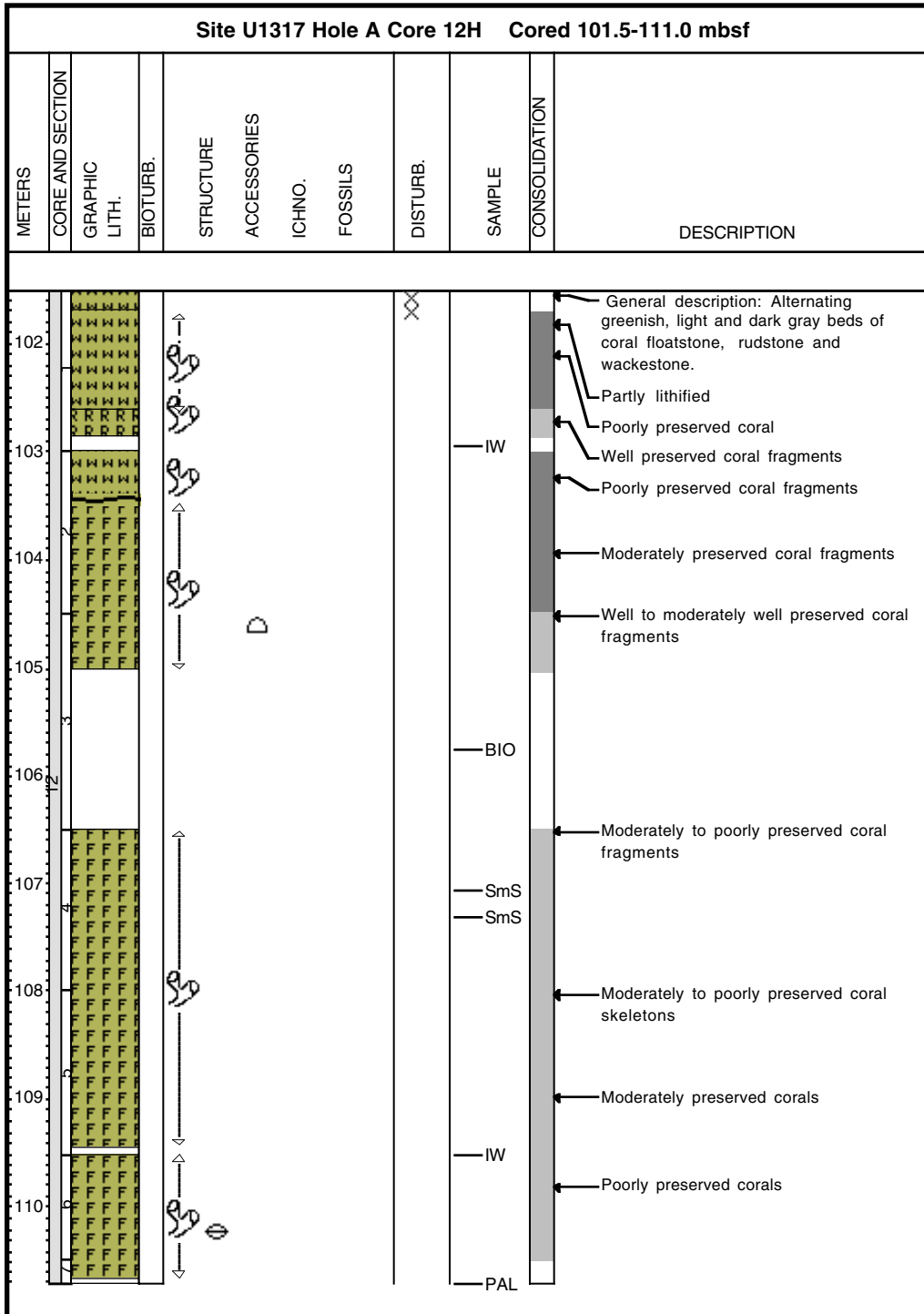
### Core Photo



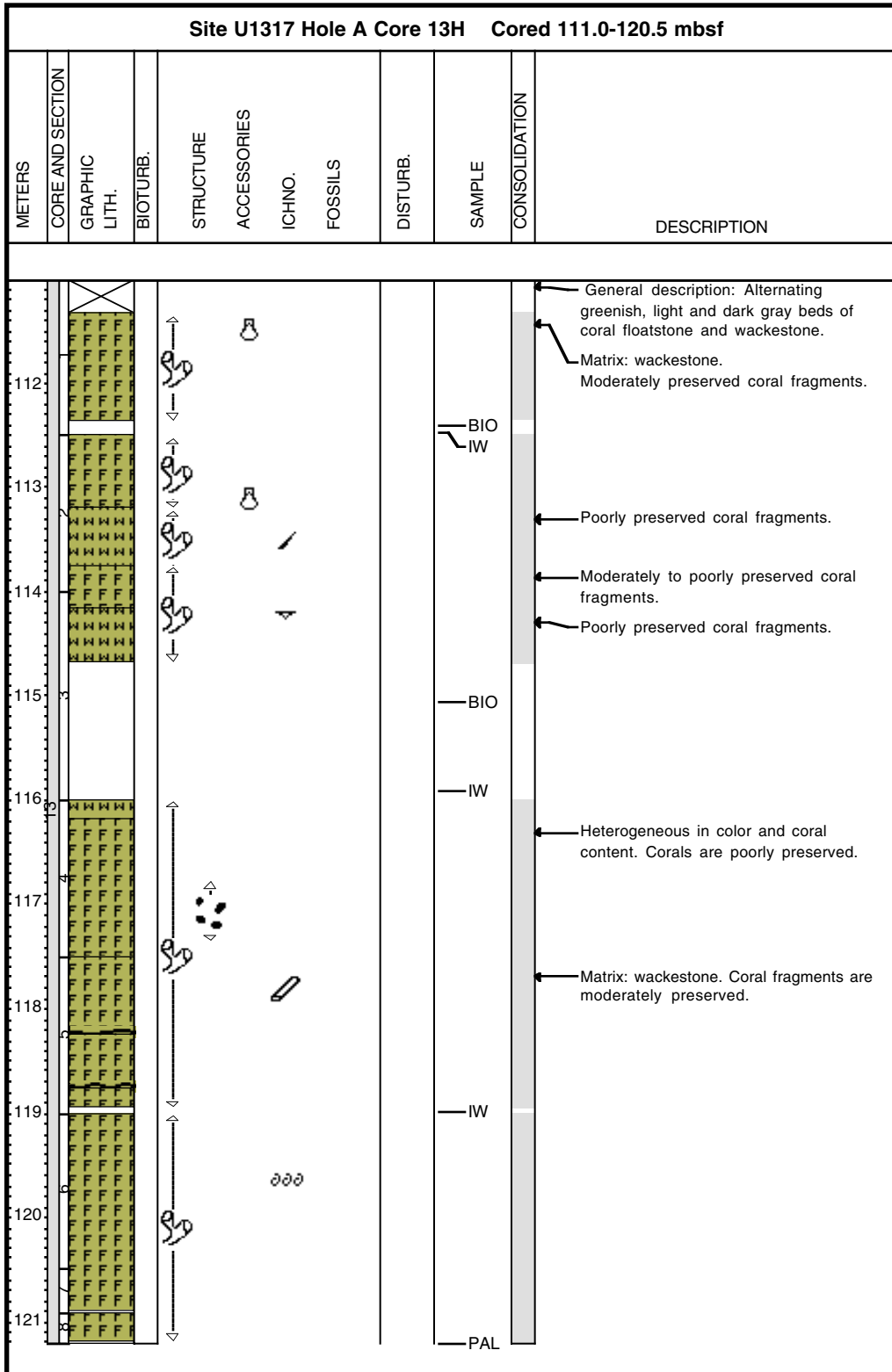
### Core Photo



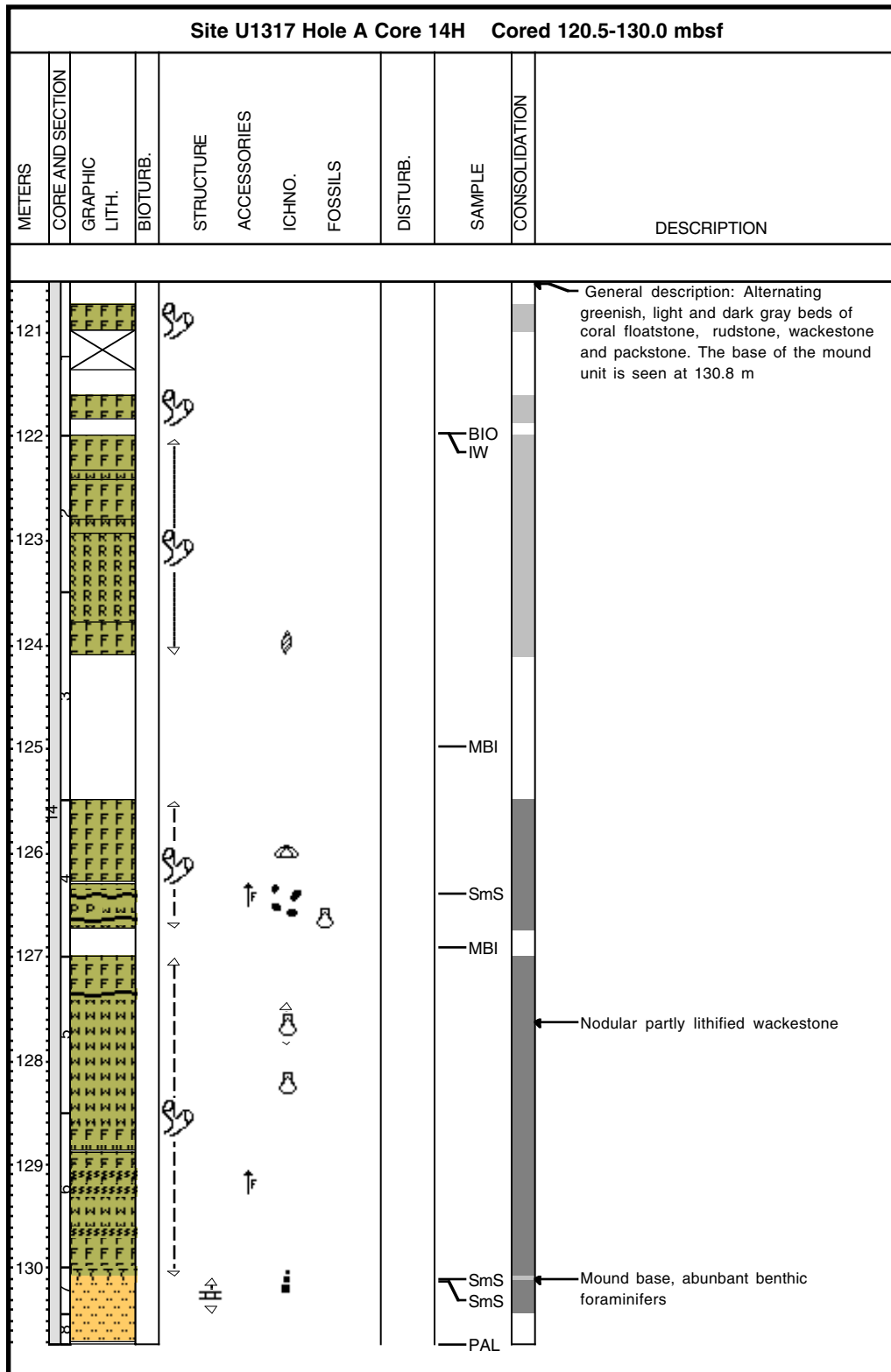
### Core Photo



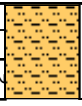

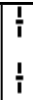
### Core Photo



# Core Photo



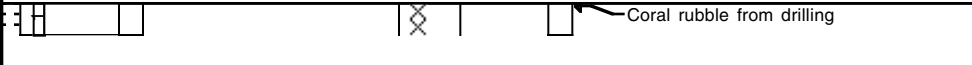
### Core Photo

Site U1317 Hole A Core 15H Cored 130.0-130.5 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
130.5 130.0											General description: Greenish gray clayey siltstone with dark sand grains.

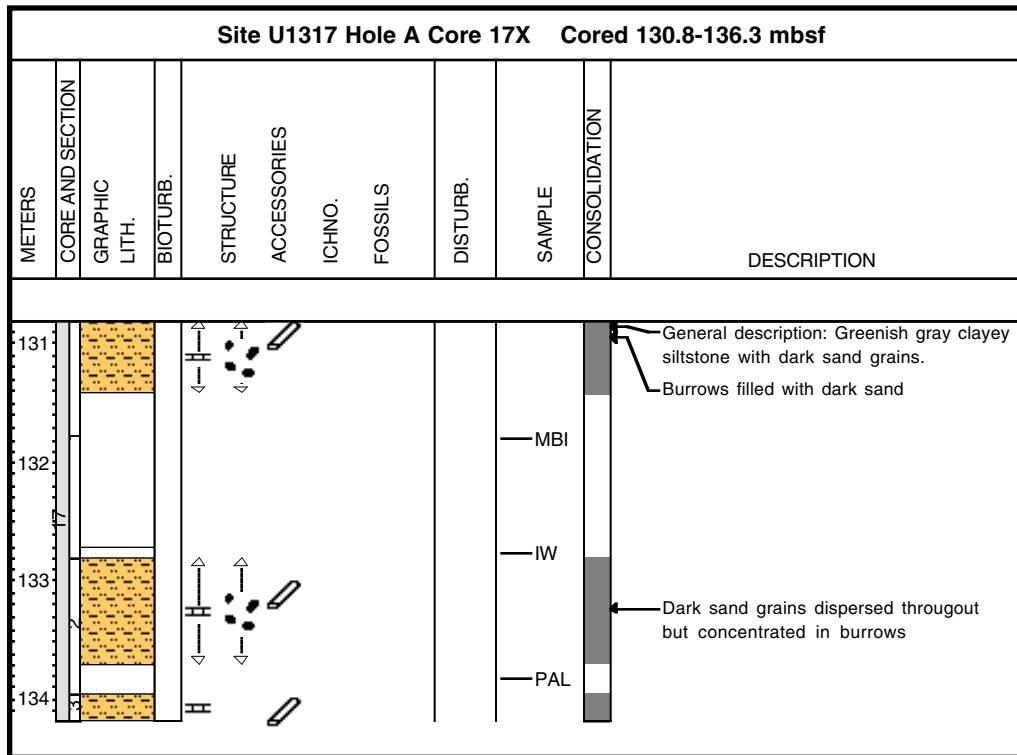




## Core Photo

Site U1317 Hole A Core 16H Cored 130.5-130.8 mbsf								
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES	ICHNO. FOSSILS	DISTURB.	SAMPLE CONSOLIDATION	DESCRIPTION
						XX		
								

### Core Photo

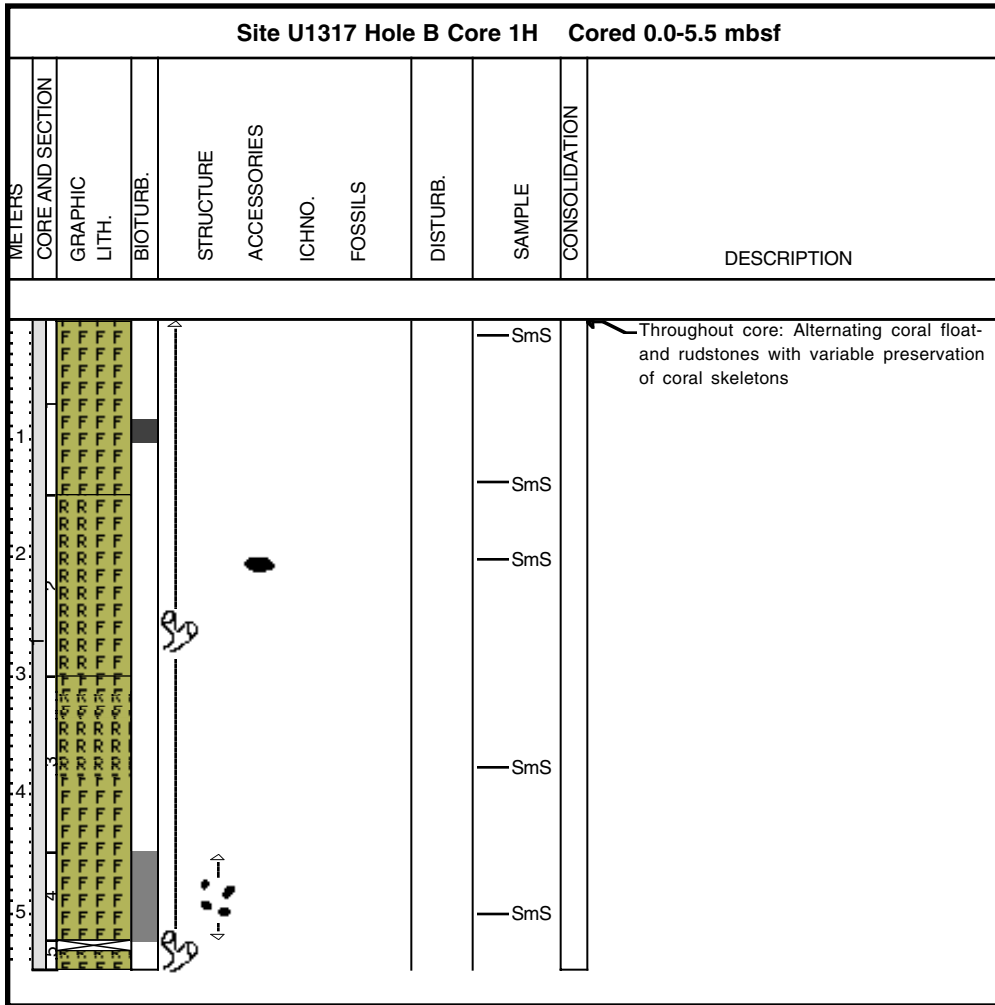


### Core Photo

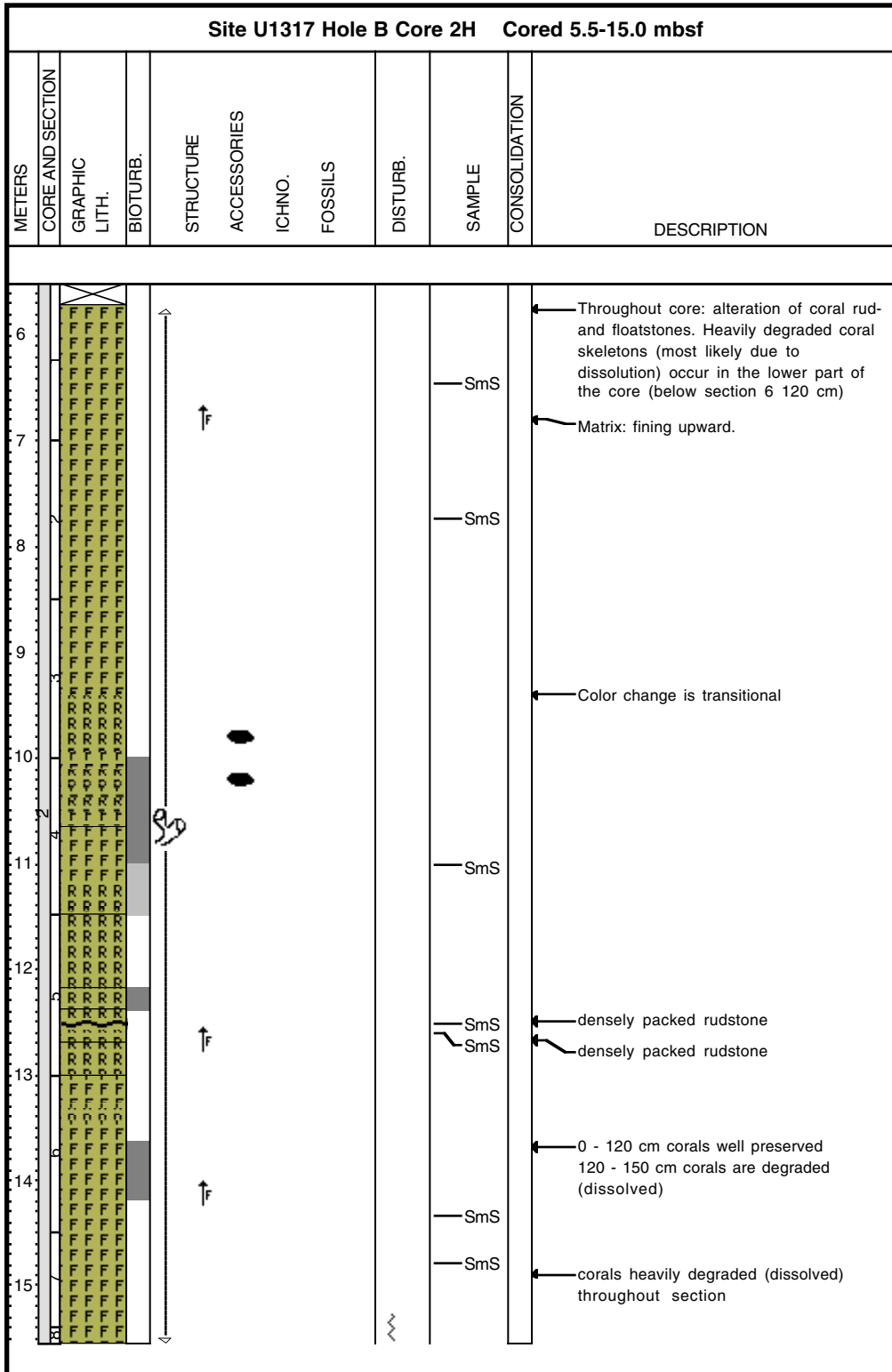
Site U1317 Hole A Core 18X Cored 136.3-138.8 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
137									IW		<p>General description: Greenish gray clayey siltstone with dark sand grains.</p> <p>Bioclasts are less than 2%</p>



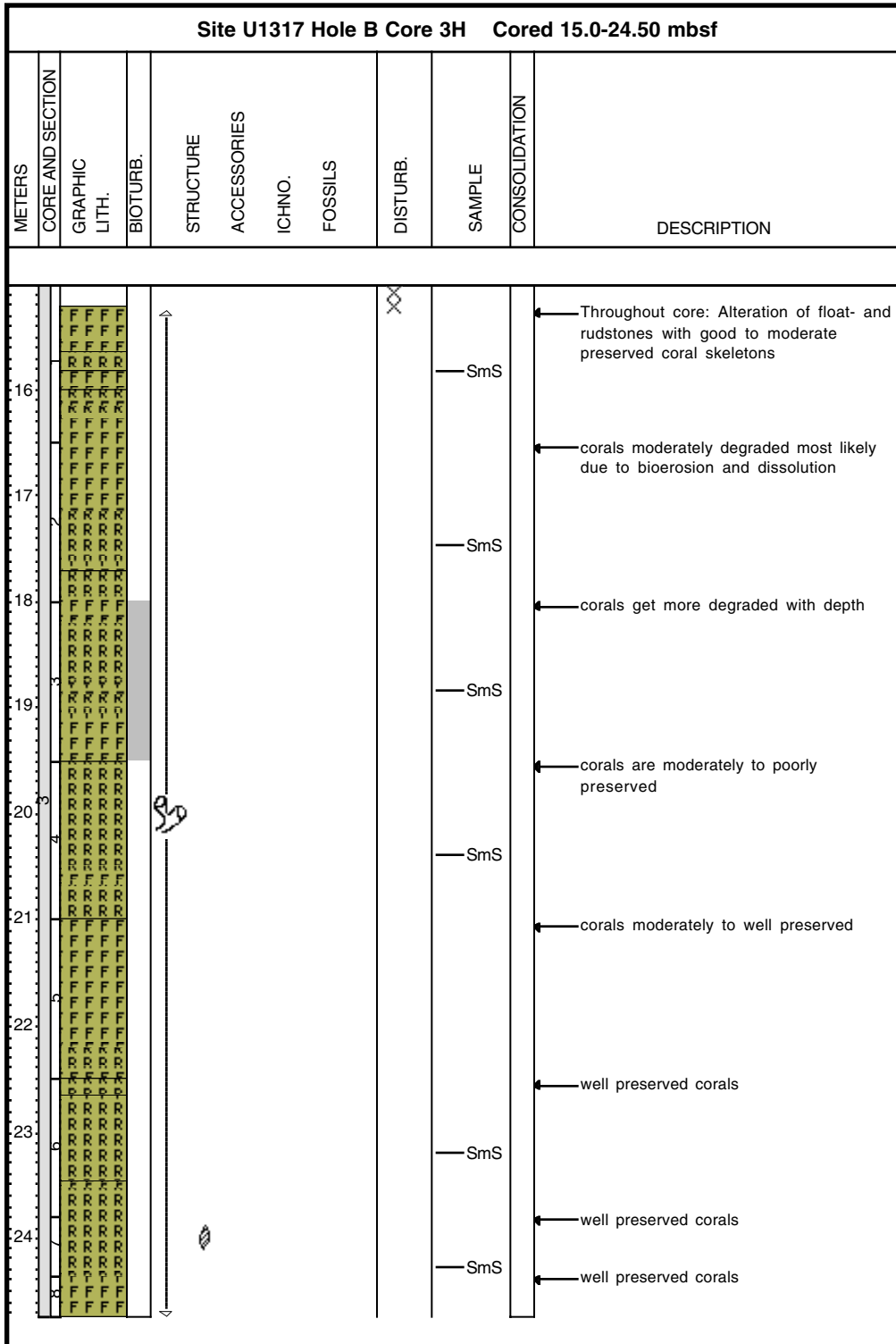
### Core Photo



### Core Photo



### Core Photo

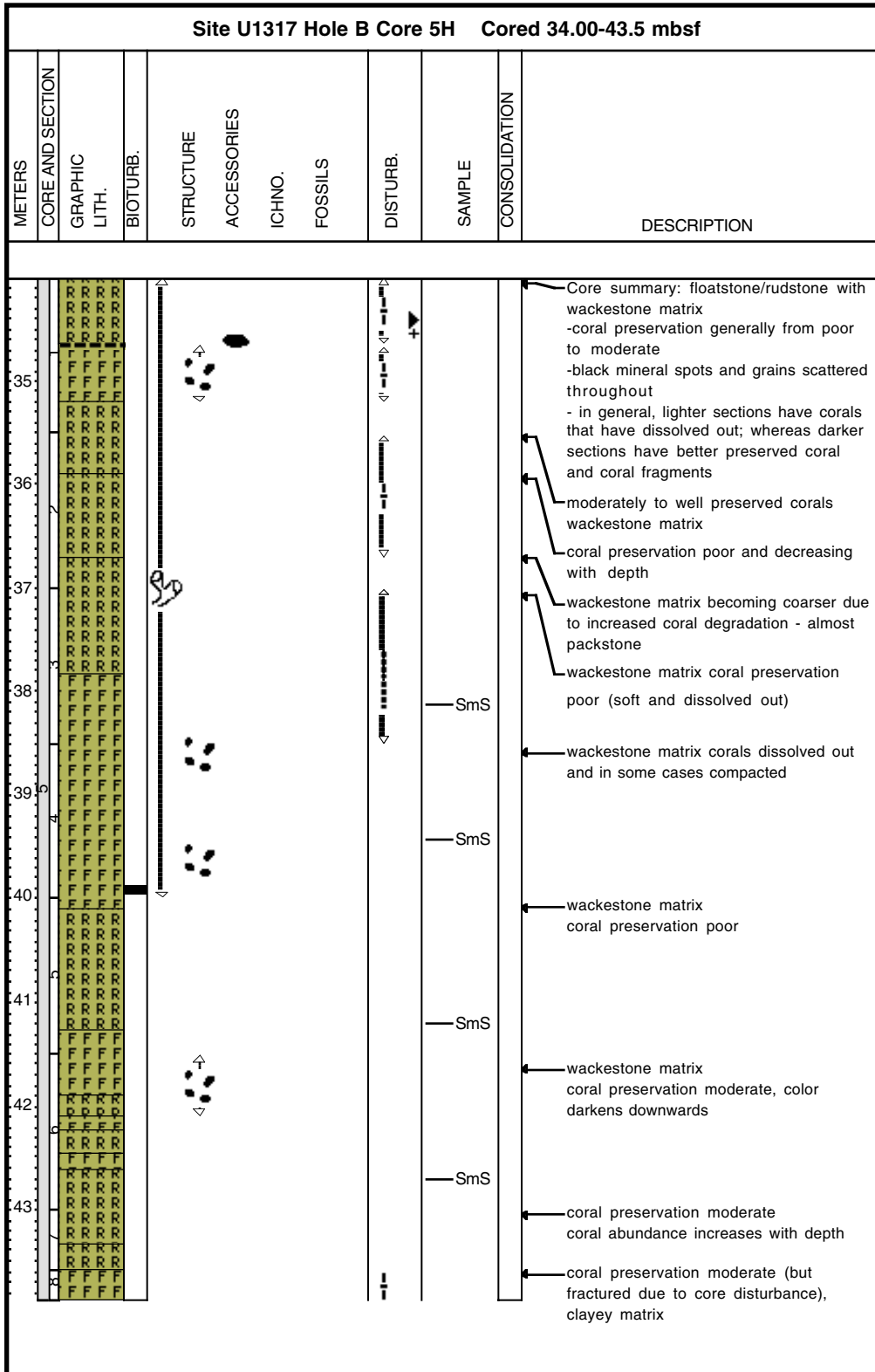


### Core Photo

Site U1317 Hole B Core 4H Cored 24.50-34.0 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
25		FF			●			XX	SmS		Throughout core: Alteration of coral float- and rudstones, corals are dominantly poorly preserved
26		FF									well preserved corals
27		FF									moderately preserved corals color changes gradationally
28		FF									poor to moderate coral preservation
29		FF							SmS		corals poorly preserved, below 130 cm dissolved
30		FF									poor coral preservation
31		FF									poor coral preservation
32		FF									poor coral preservation
33		FF									poor coral preservation
34		FF									poor coral preservation



### Core Photo



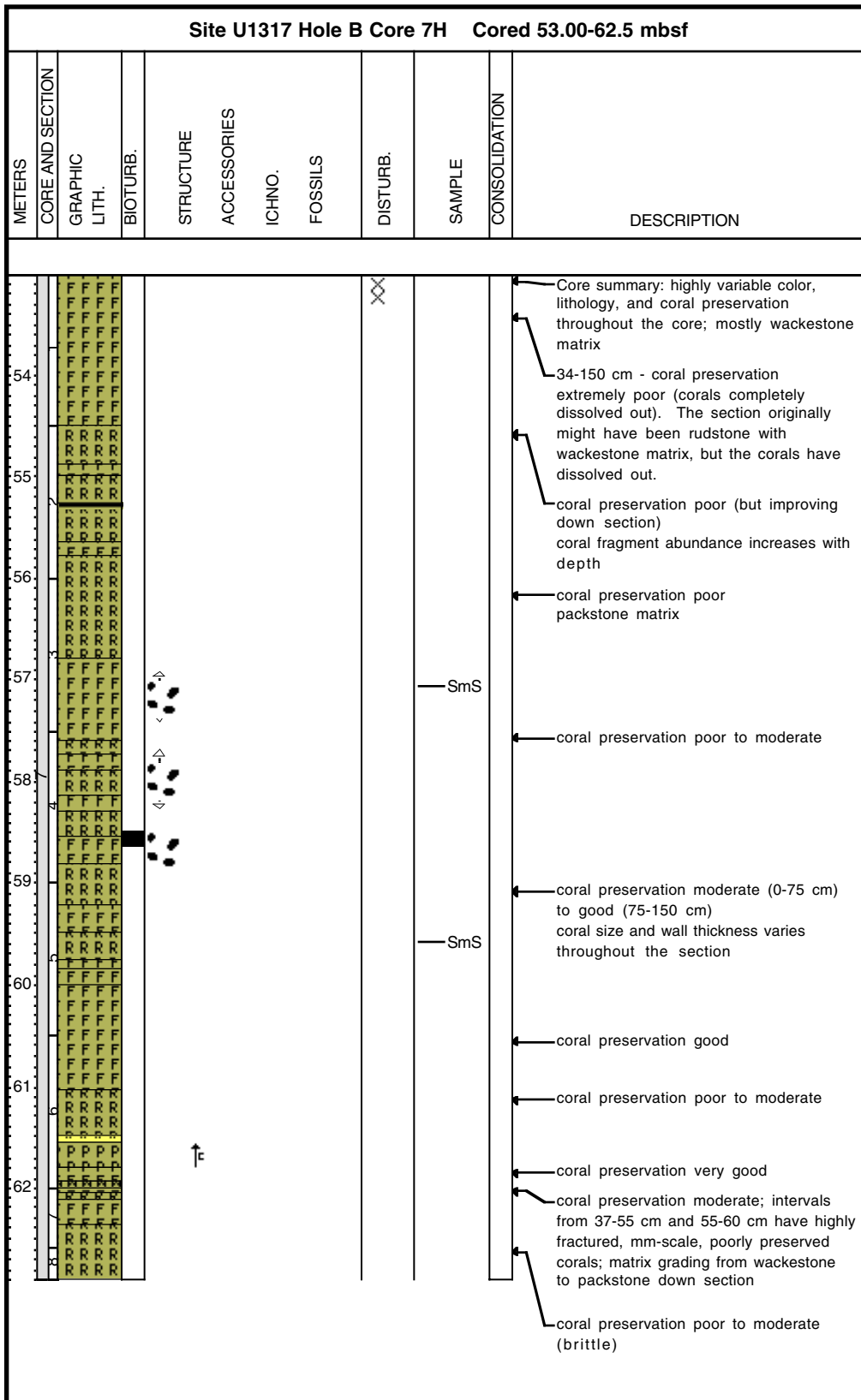


### Core Photo

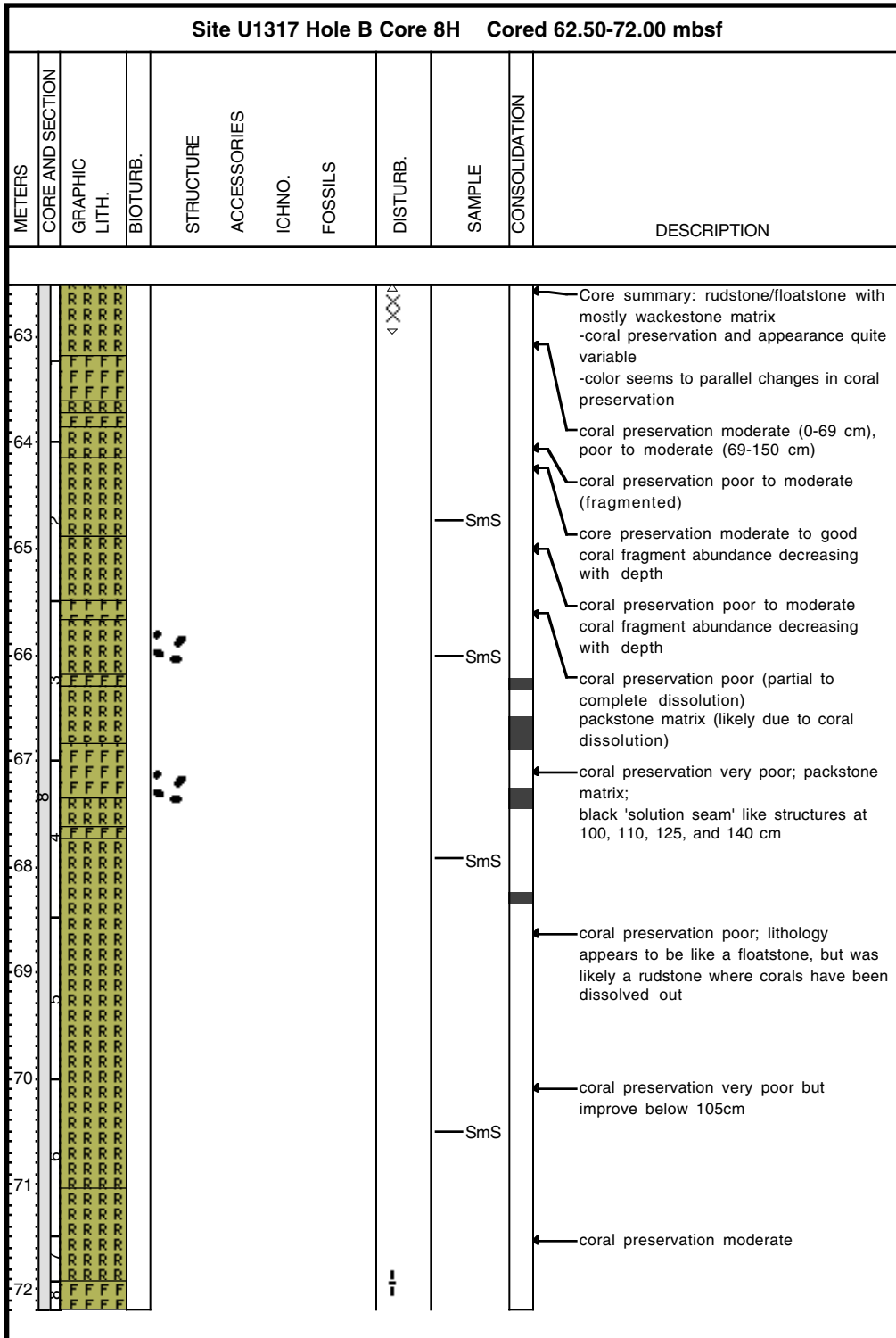
Site U1317 Hole B Core 6H Cored 43.50-53.08 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
44											Core Summary: Coral floatstone/rudstone with wackestone/packstone matrix Coral preservation good to poor.
45											coral preservation moderate to poor loosely packed rudstone
46											coral abundance decreasing downcore coral preservation poor to moderate
47											coral preservation excellent packstone matrix below 125cm (below reddish colour section)
48									SmS		coral preservation excellent sharp boundary at 40 cm
49											coral preservation poor to moderate
50											coral preservation moderate to good, loosely packed rudstone in sections 0-36 cm and 84-102 cm with coral fragments >1cm in diameter, intervals from 36-84 and 102-150 have packstone matrix due to highly fragmented and compressed corals and mm-scale lithic grains
51											coral preservation poor to moderate (0-90 cm), moderate (90-130 cm), poor (dissolved out and soft) (130-150 cm) matrix grain size slightly increasing from 90-150 cm (still wackestone)
52											coral preservation poor matrix coarsening with depth (likely due to highly fragmented and dissolved out coral)
53											coral preservation very poor, packstone matrix



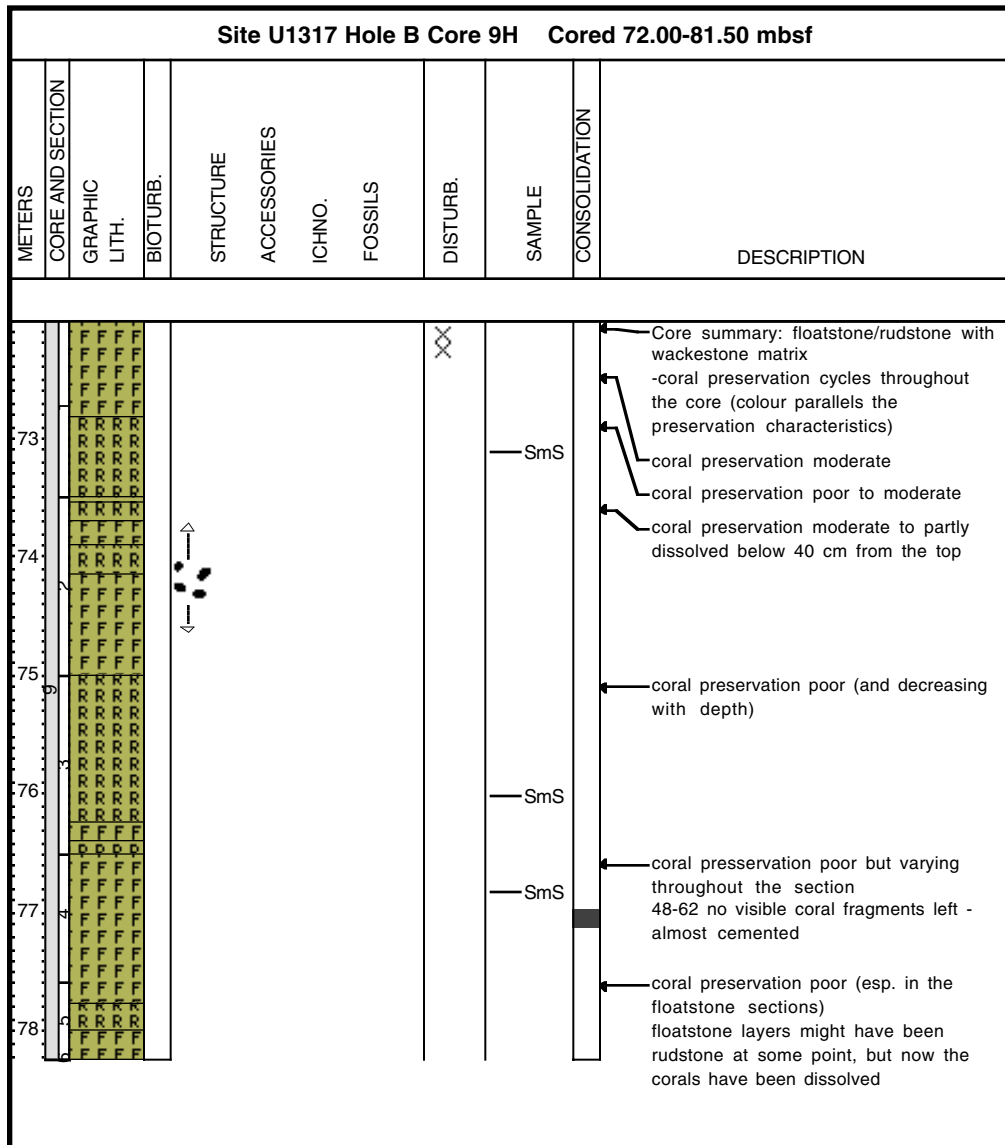
### Core Photo



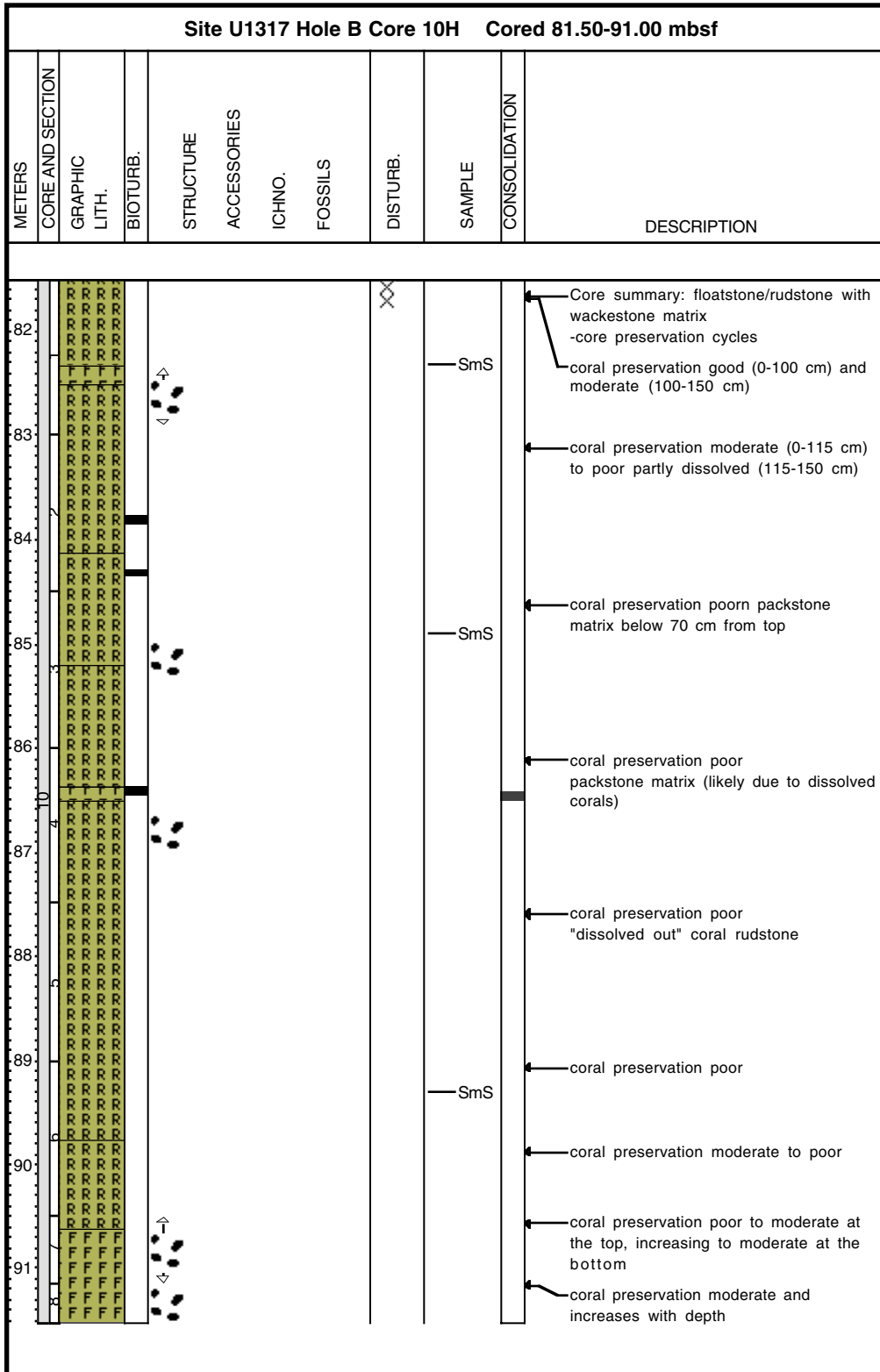
### Core Photo



## Core Photo



### Core Photo

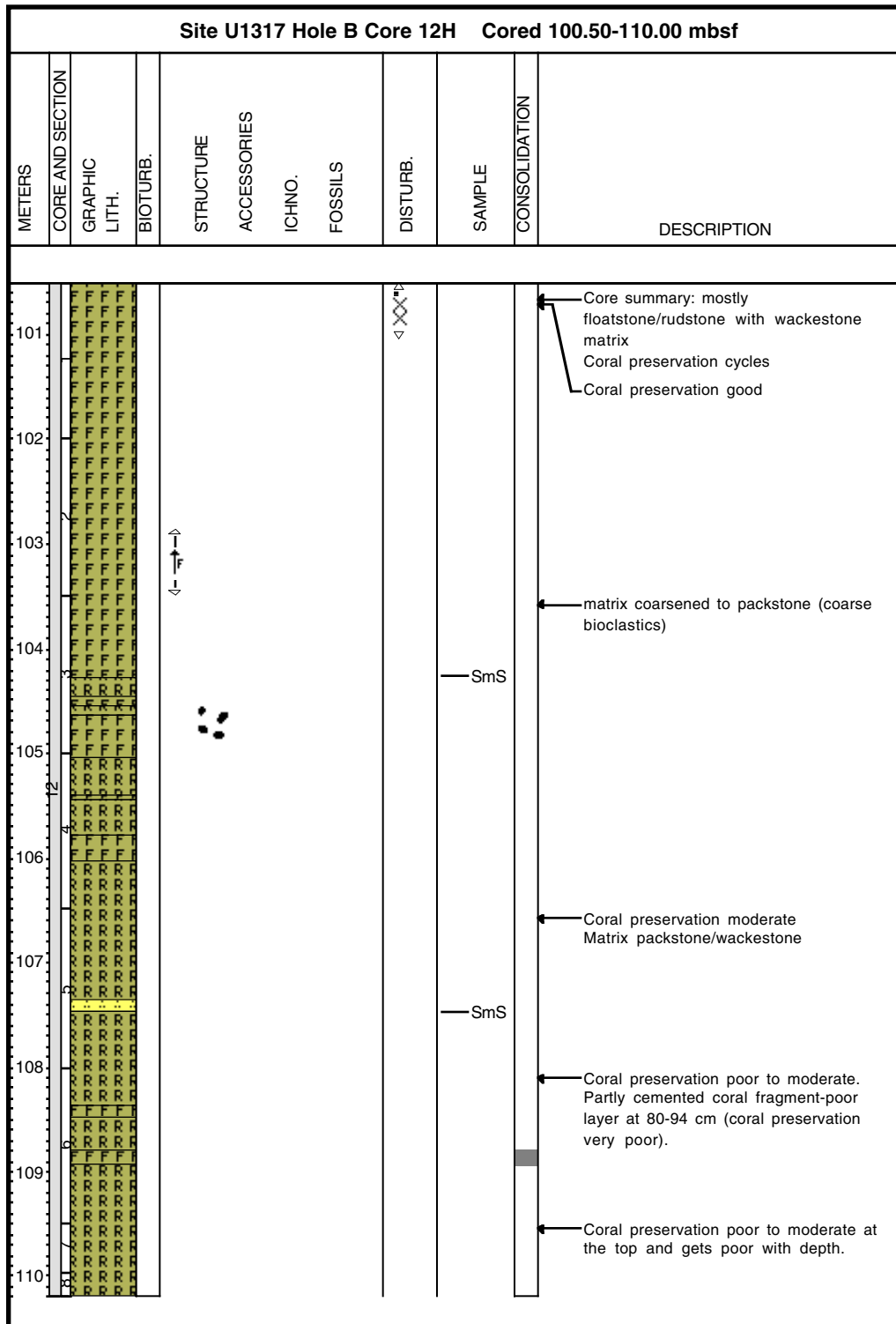


### Core Photo

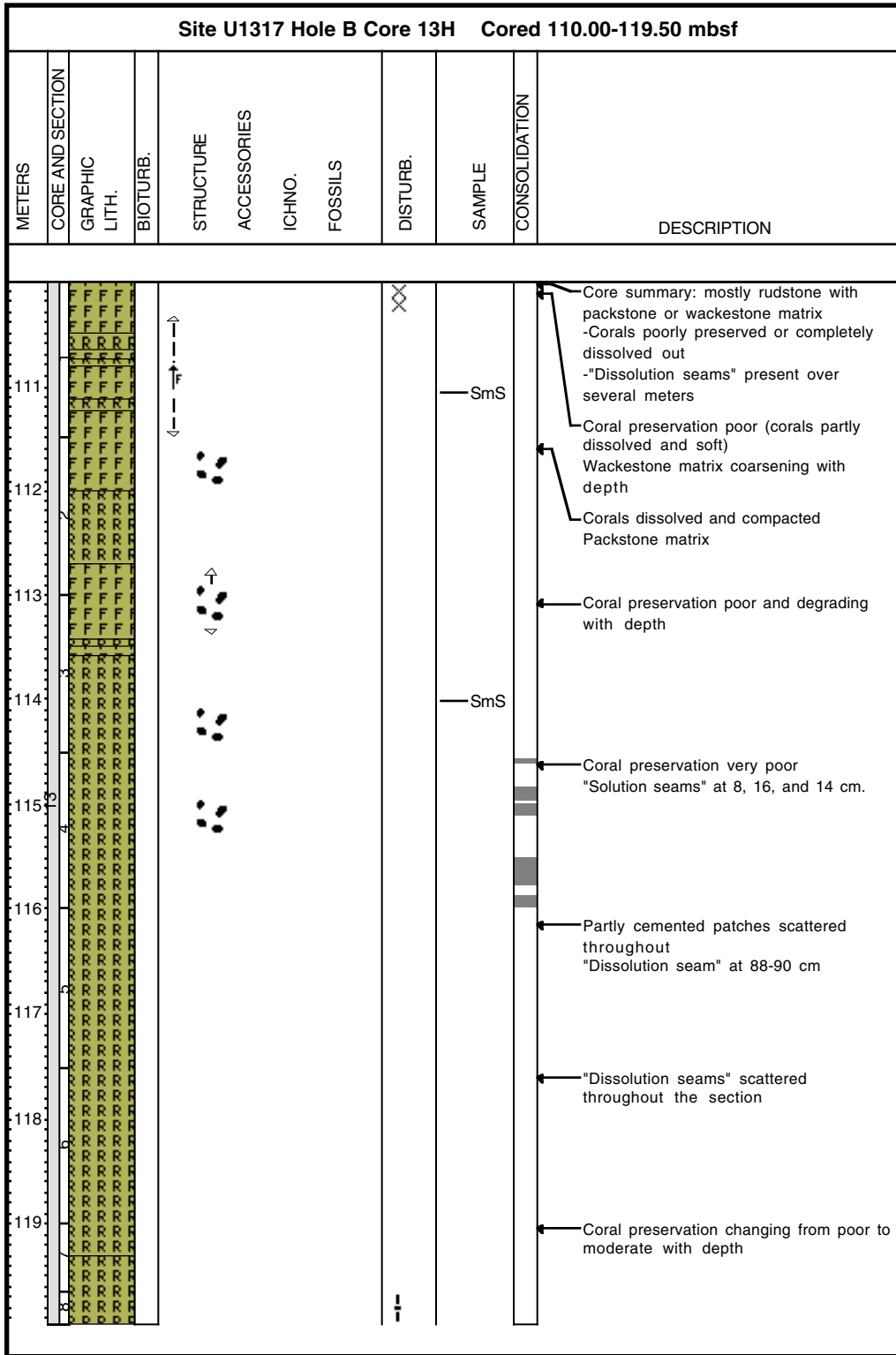
Site U1317 Hole B Core 11H Cored 91.00-100.50 mbsf									
METERS	CORE AND SECTION GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES	ICHNO. FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION	
92					XX			<p>Core Summary: floatstone/rudstone with wackeston matrix                      - coral preservation good to excellent in most of the core                      -abundance of coral fragments variable</p>	
93								<p>coral preservation very good                      abundance of corals changes (from floatstone to loosely packed rudstone) in 10 to 15 cm intervals</p>	
94								<p>coral preservation very good                      abundance of corals changes (from floatstone to loosely packed rudstone) in 10 to 15 cm intervals</p>	
95									
96									<p>coral preservation very good                      abundance of corals changes (from floatstone to loosely packed rudstone) in 10 to 15 cm intervals</p>
97									<p>coral preservation very good</p>
98									
99							SmS		<p>coral preservation excellent</p>
100									<p>coral preservation excellent                      coral abundance variable</p>
101									<p>coral preservation good                      corals rare from 15-34 cm</p>



### Core Photo

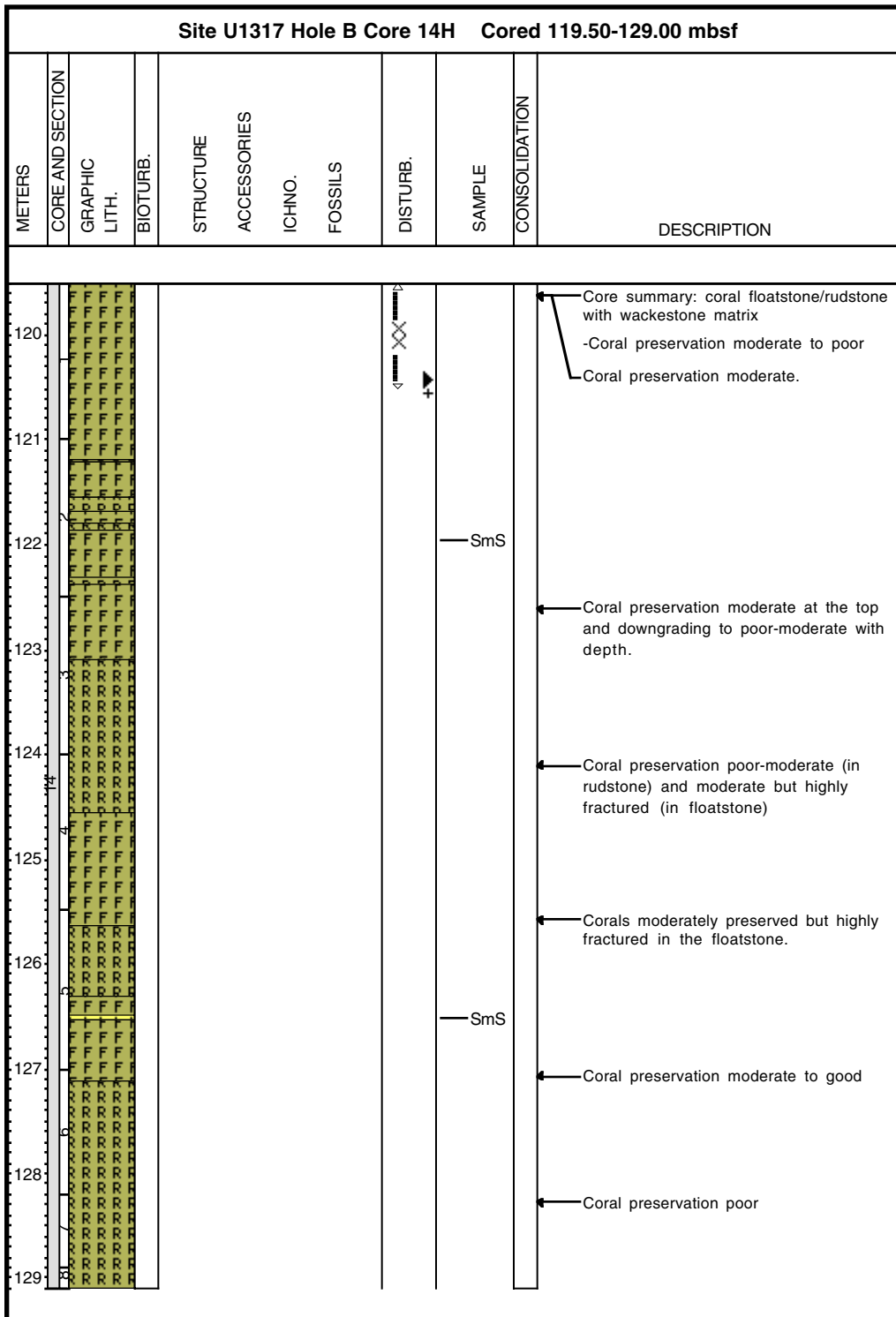


### Core Photo

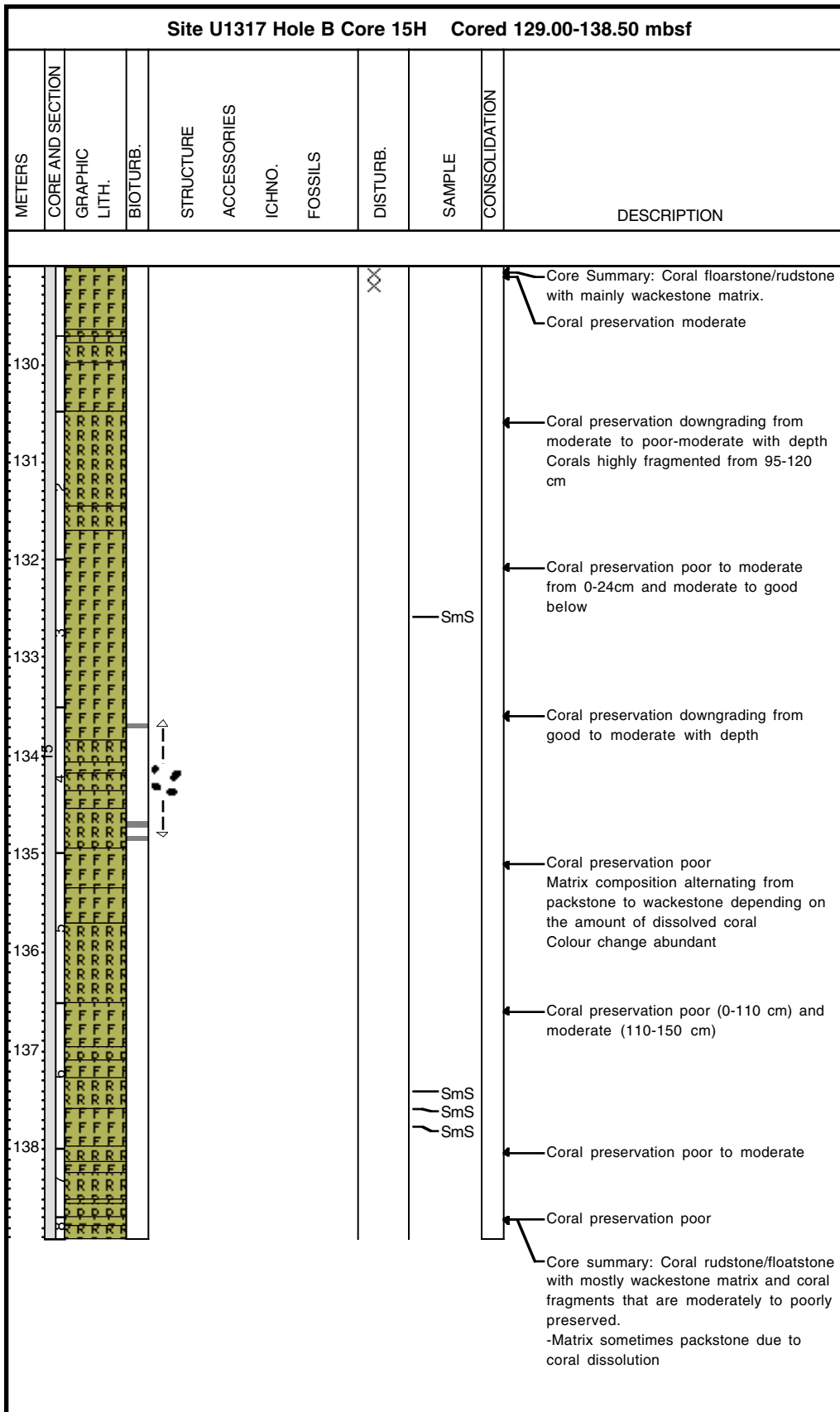




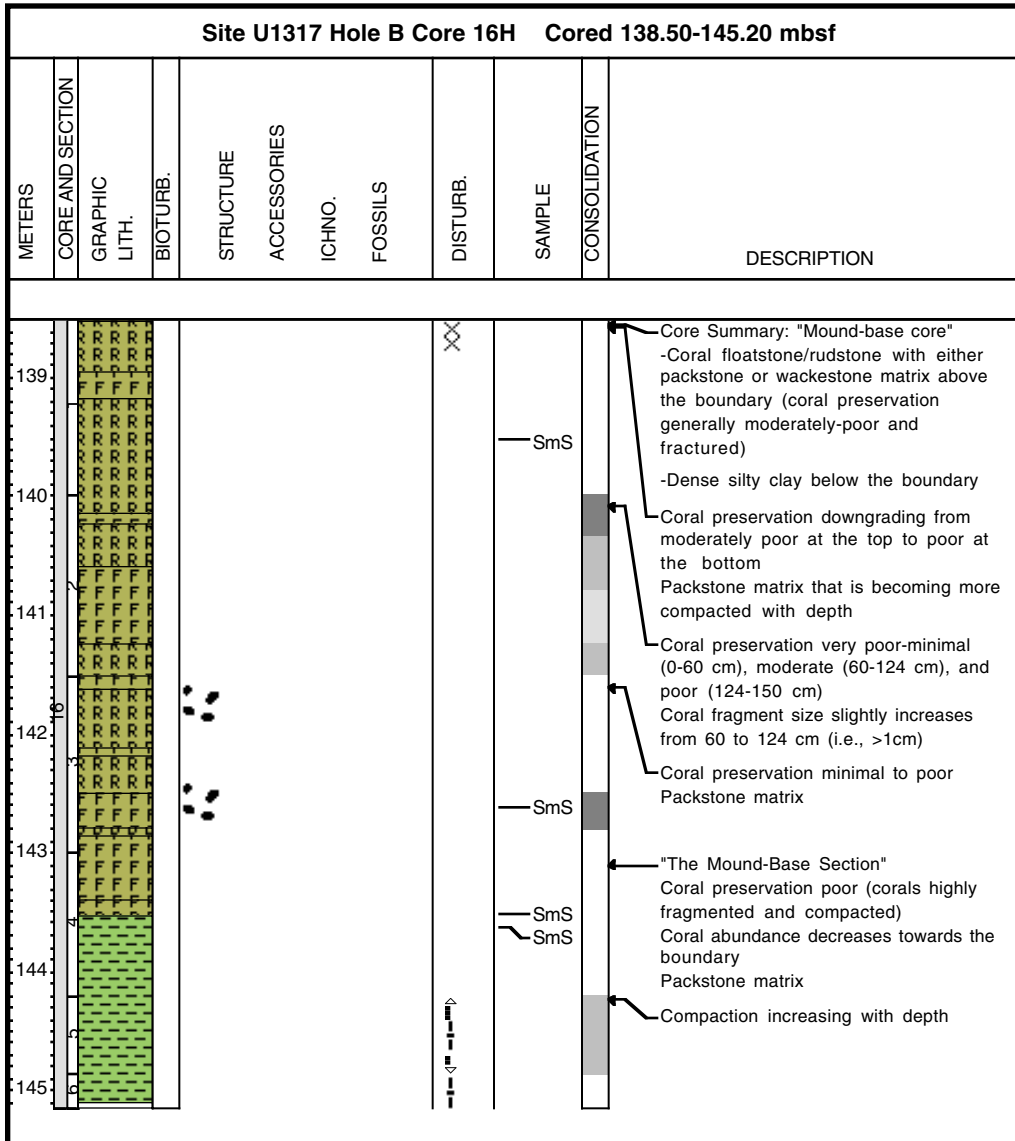
### Core Photo



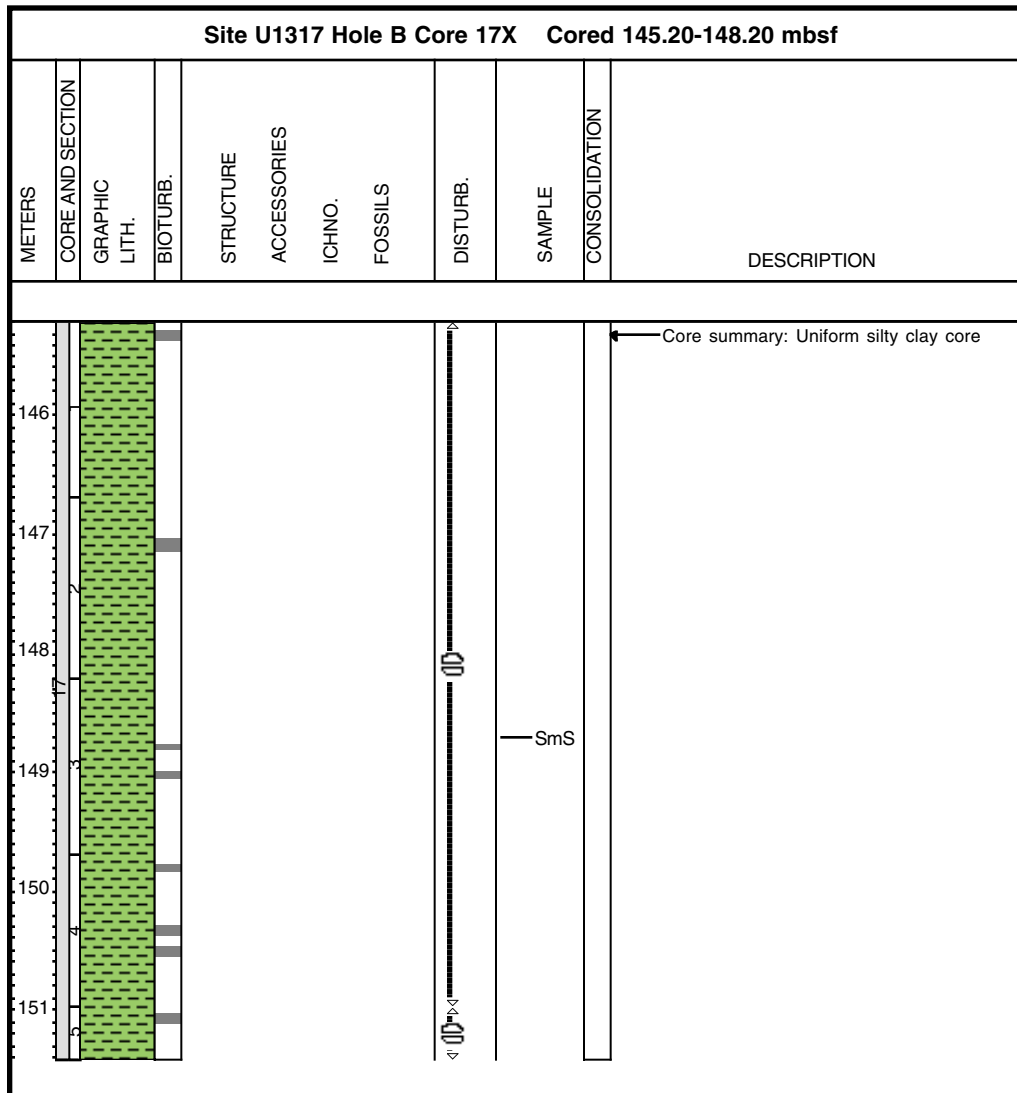
### Core Photo

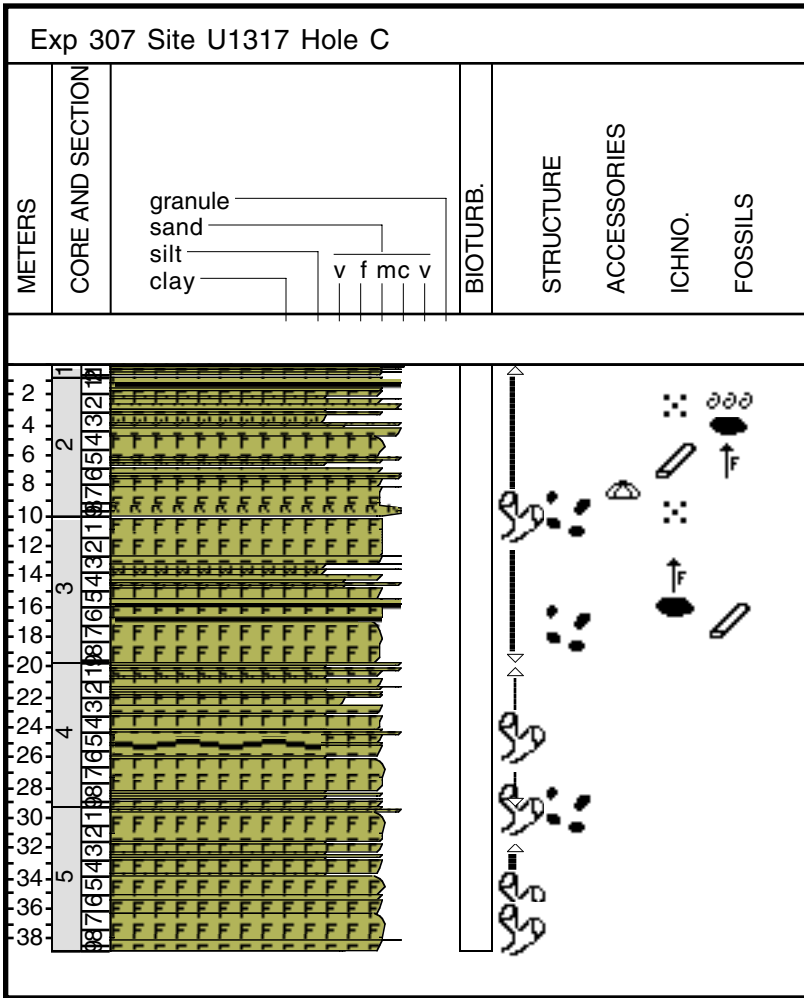


### Core Photo

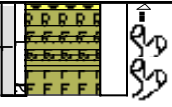


### Core Photo





### Core Photo

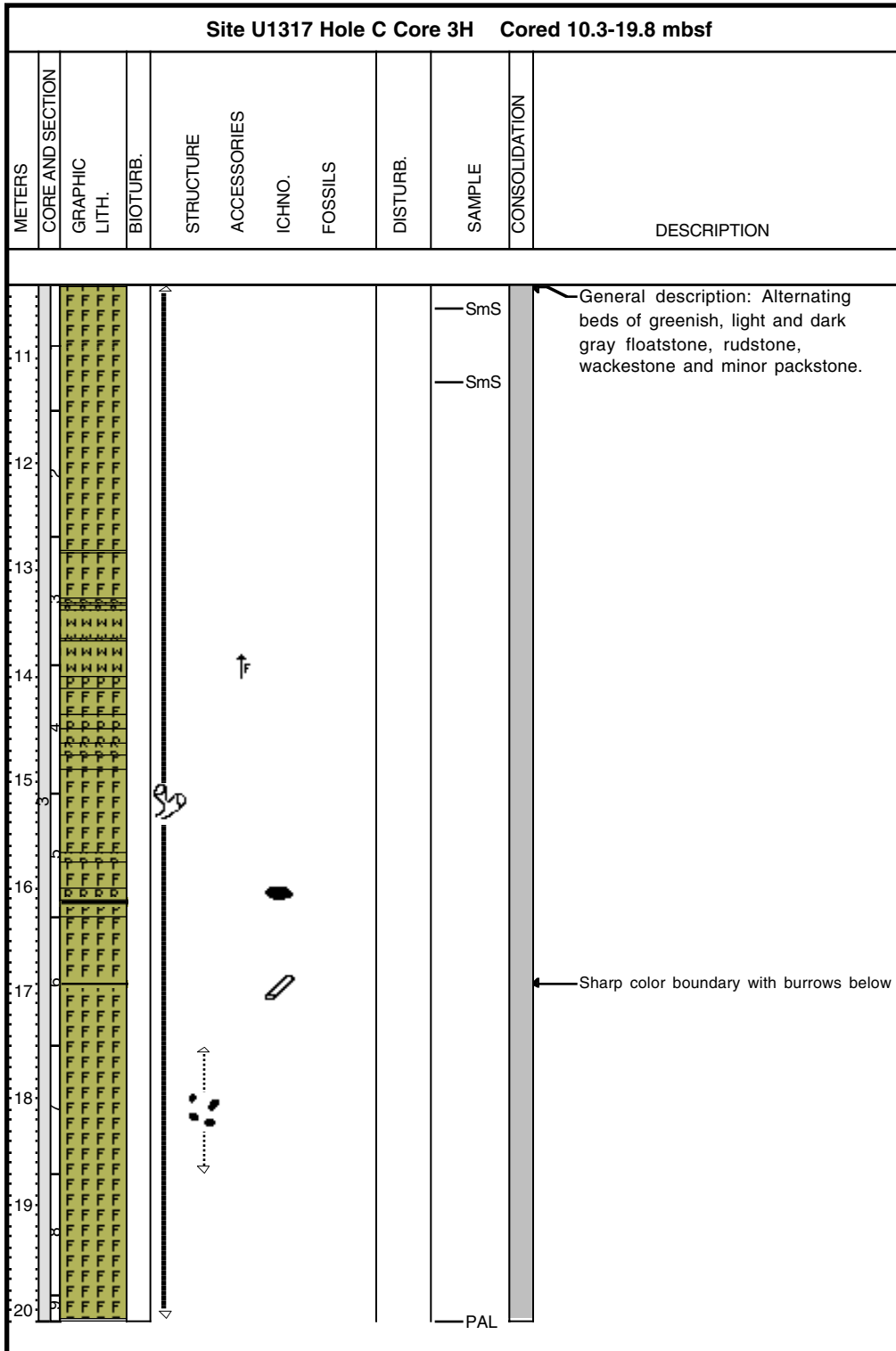
Site U1317 Hole C Core 1H Cored 0.0-0.8 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
											General description: Alternating beds of greenish gray and dark gray floatstone, rudstone and wackestone.



### Core Photo

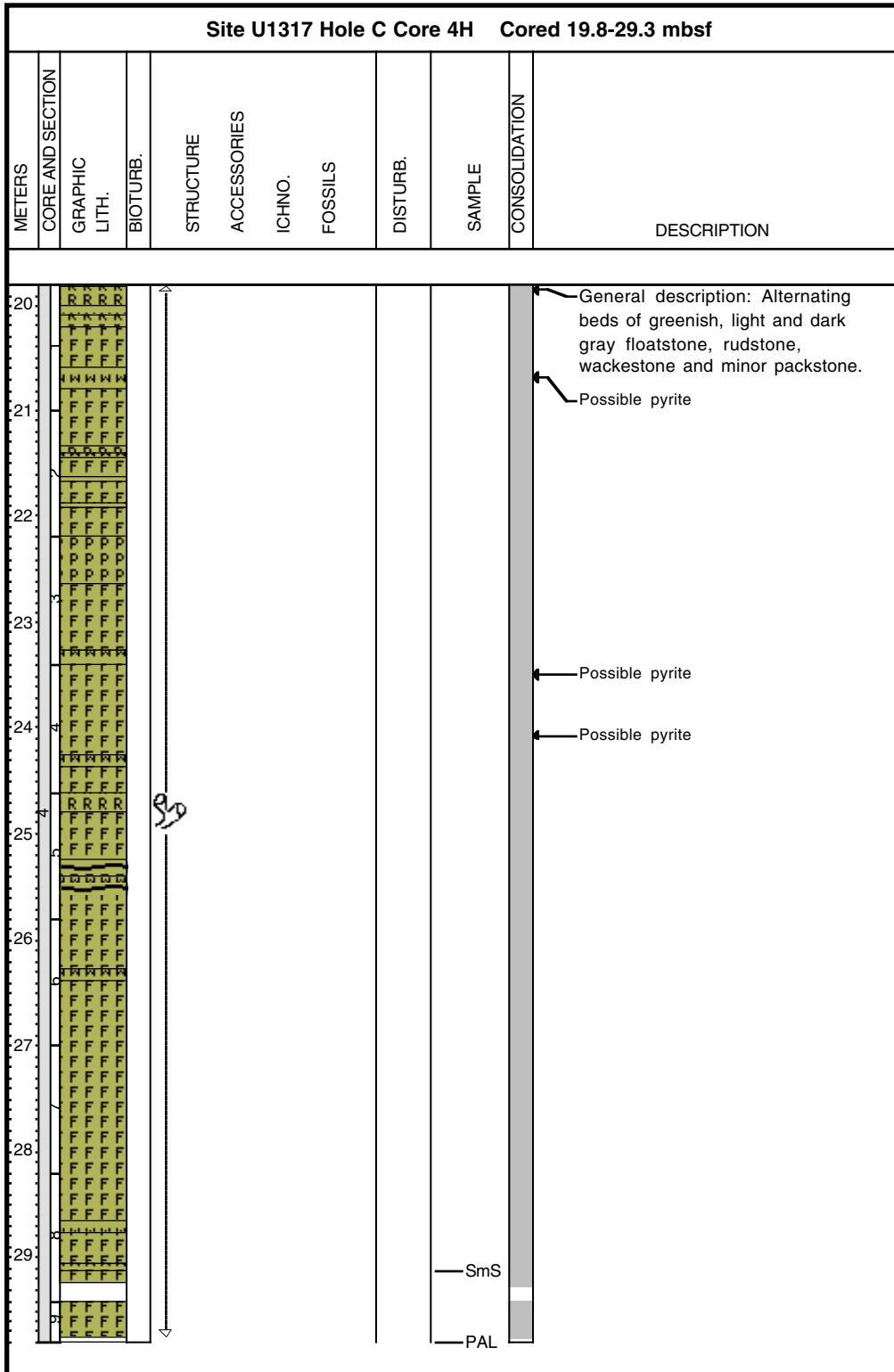
Site U1317 Hole C Core 2H Cored 0.8-10.3 mbsf										
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
1										<p>General description: Alternating beds of greenish, light and dark gray floatstone, rudstone, wackestone and minor packstone.</p> <p>Coral rubble from drilling</p> <p>Matrix: wackestone</p> <p>Matrix: wackestone</p> <p>Matrix: wackestone</p>
2										
3										
4										
5										
6										
7										
8										
9										
10										

### Core Photo

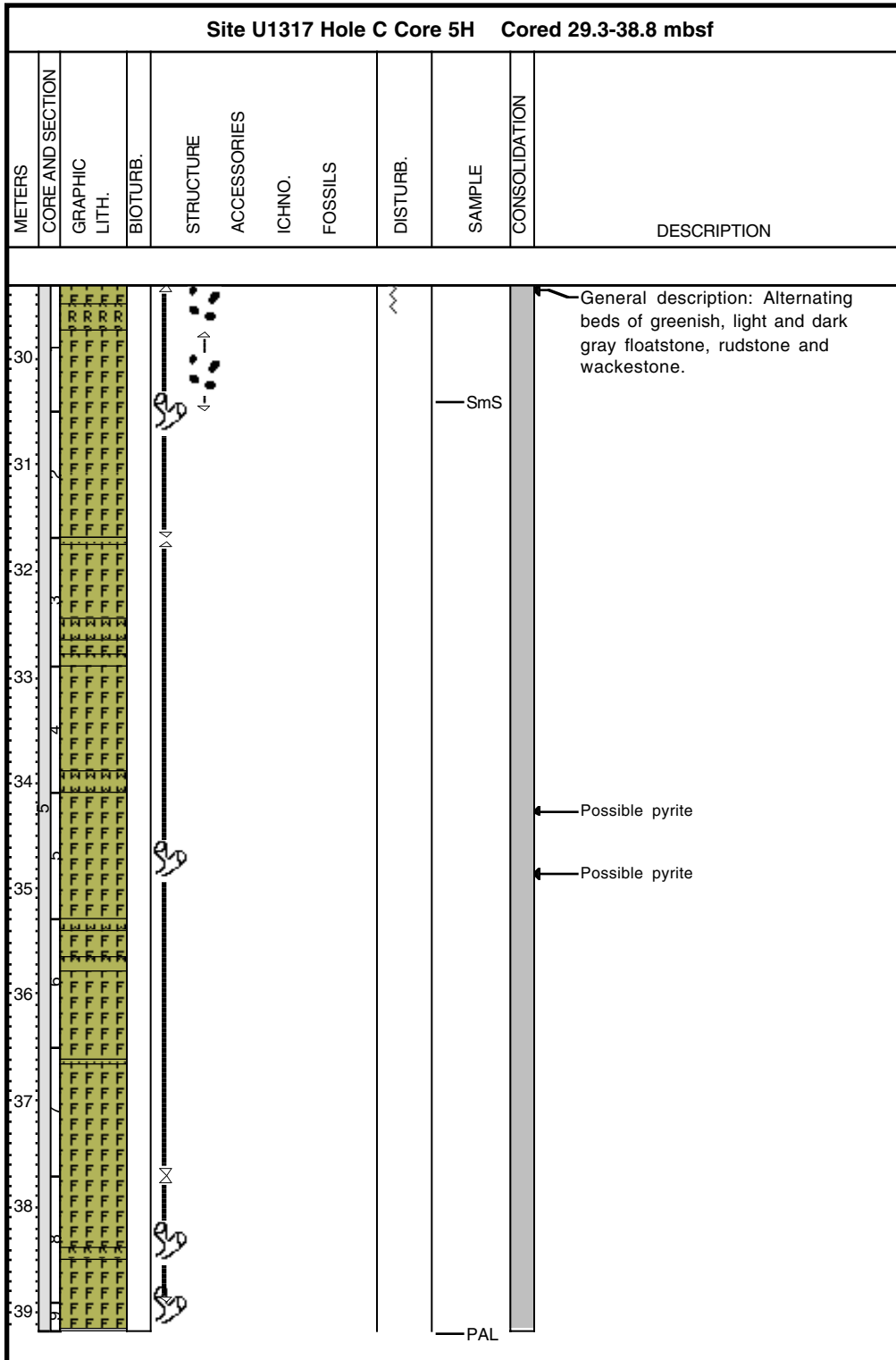




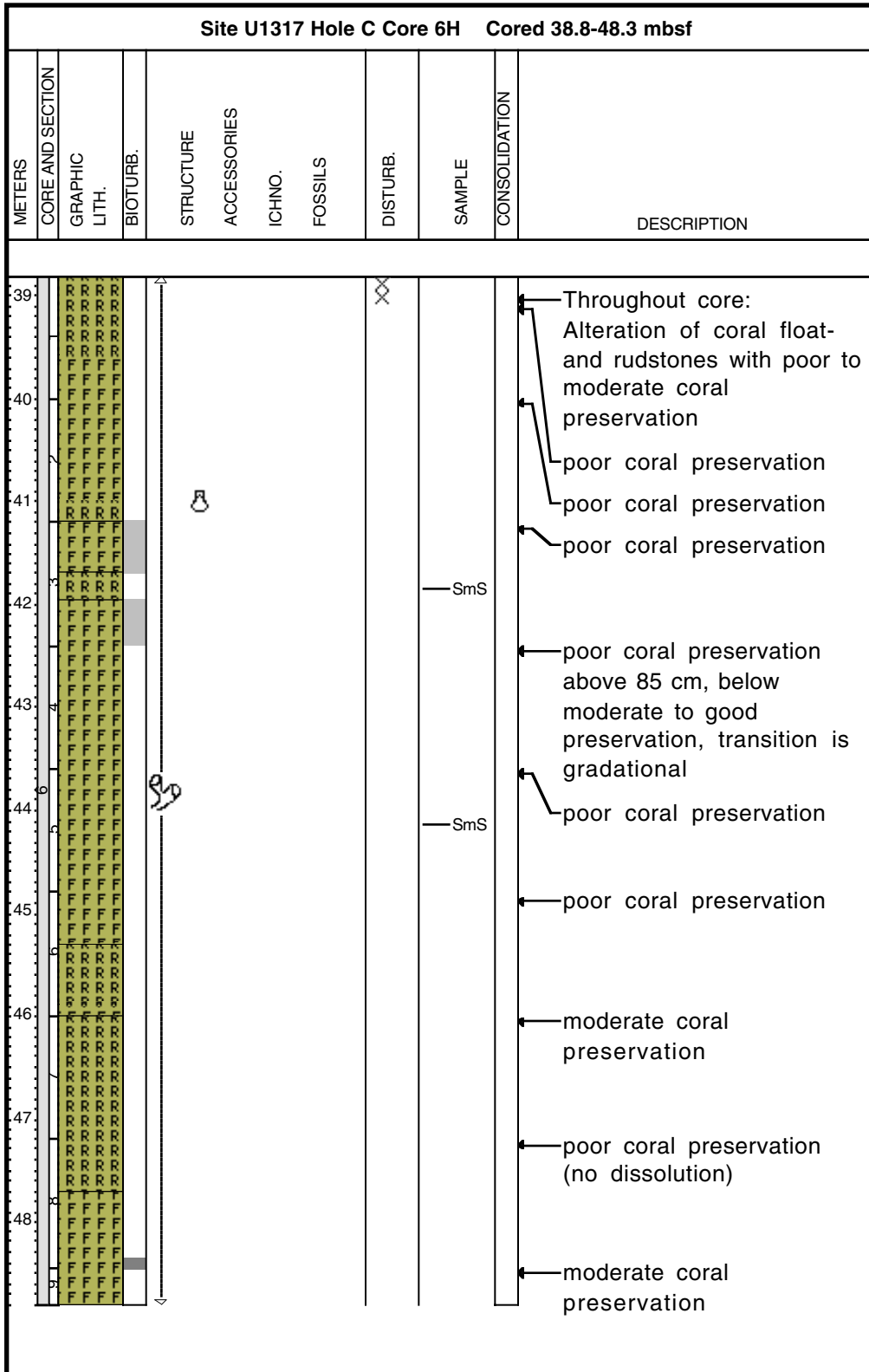
### Core Photo



### Core Photo



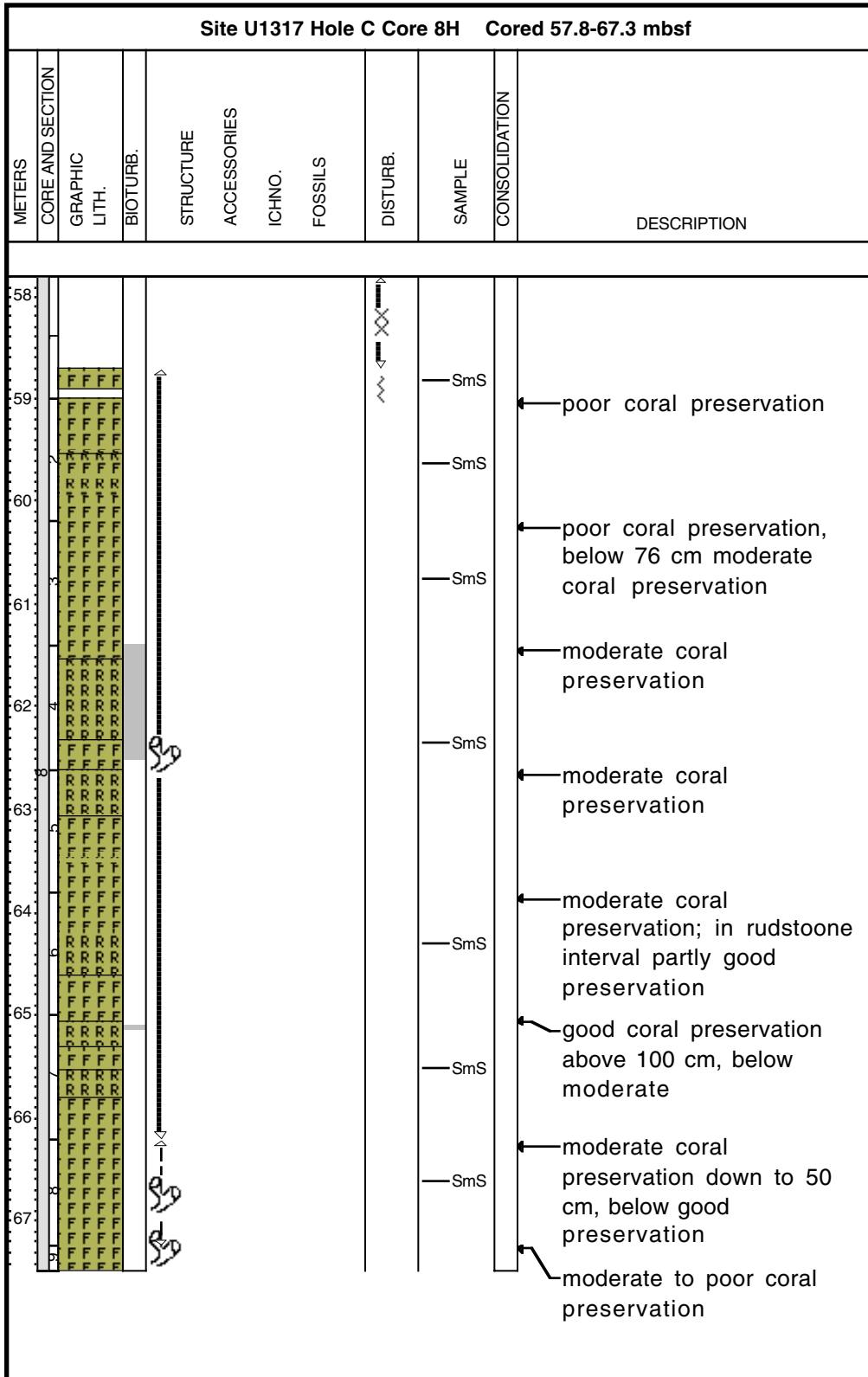
### Core Photo



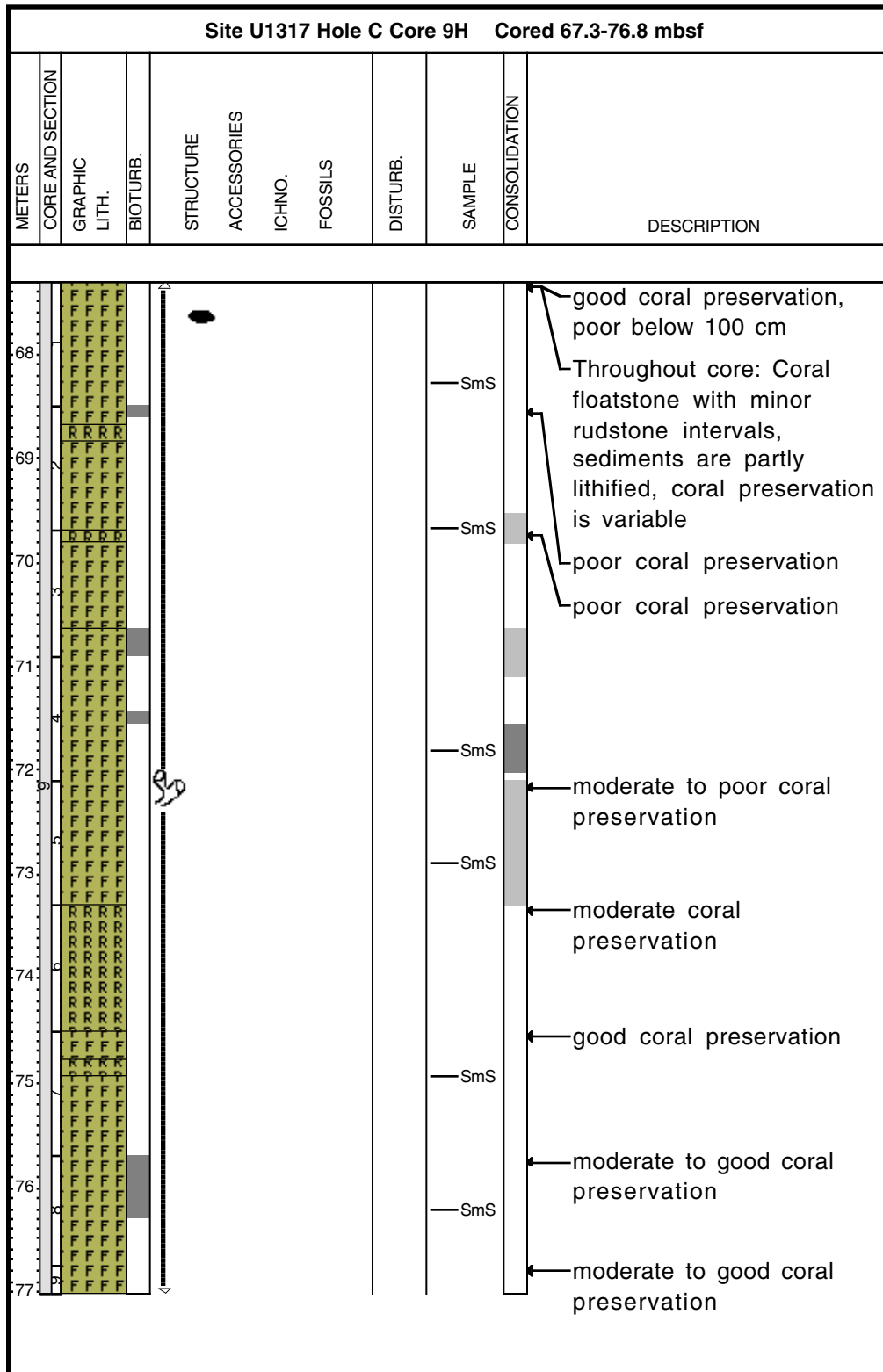
# Core Photo

Site U1317 Hole C Core 7H Cored 48.3-57.8 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
49		F F F F F						XX	SmS		good coral preservation above 90 cm, below moderately preserved
50		R R R R R							SmS		below 80 cm corals are heavily dissolved
51		F F F F F							SmS		poor coral preservation
52		F F F F F							SmS		poor coral preservation
53		R R R R R							SmS		poor coral preservation and decreasing with depth
54		F F F F F							SmS		poor coral preservation
55		F F F F F							SmS		
56		F F F F F									moderate coral preservation
57		F F F F F							SmS		moderate coral preservation, poor between 40 and 48 cm
58		F F F F F							SmS		moderate coral preservation in floatstone, poor in rudstone

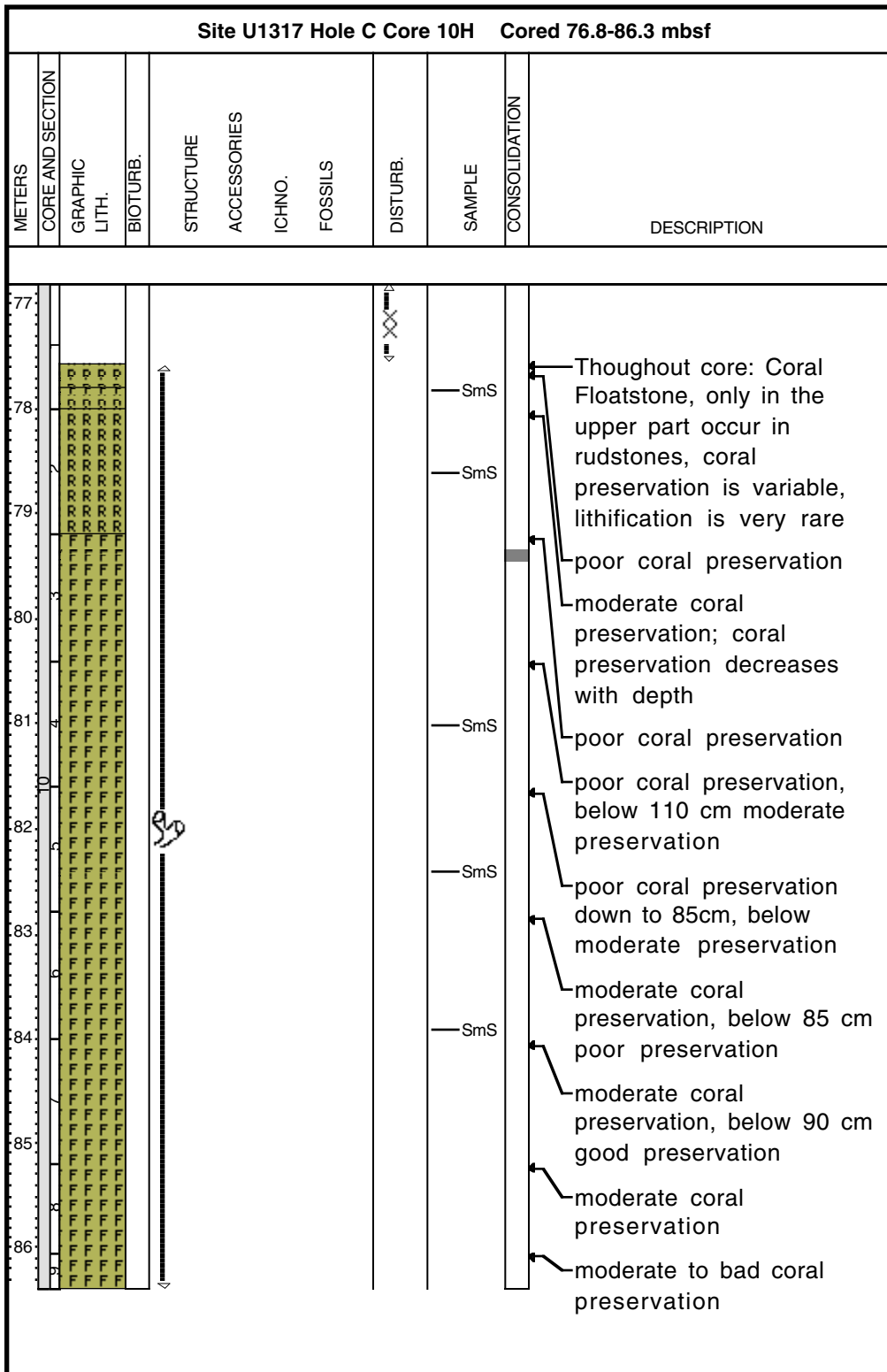
### Core Photo



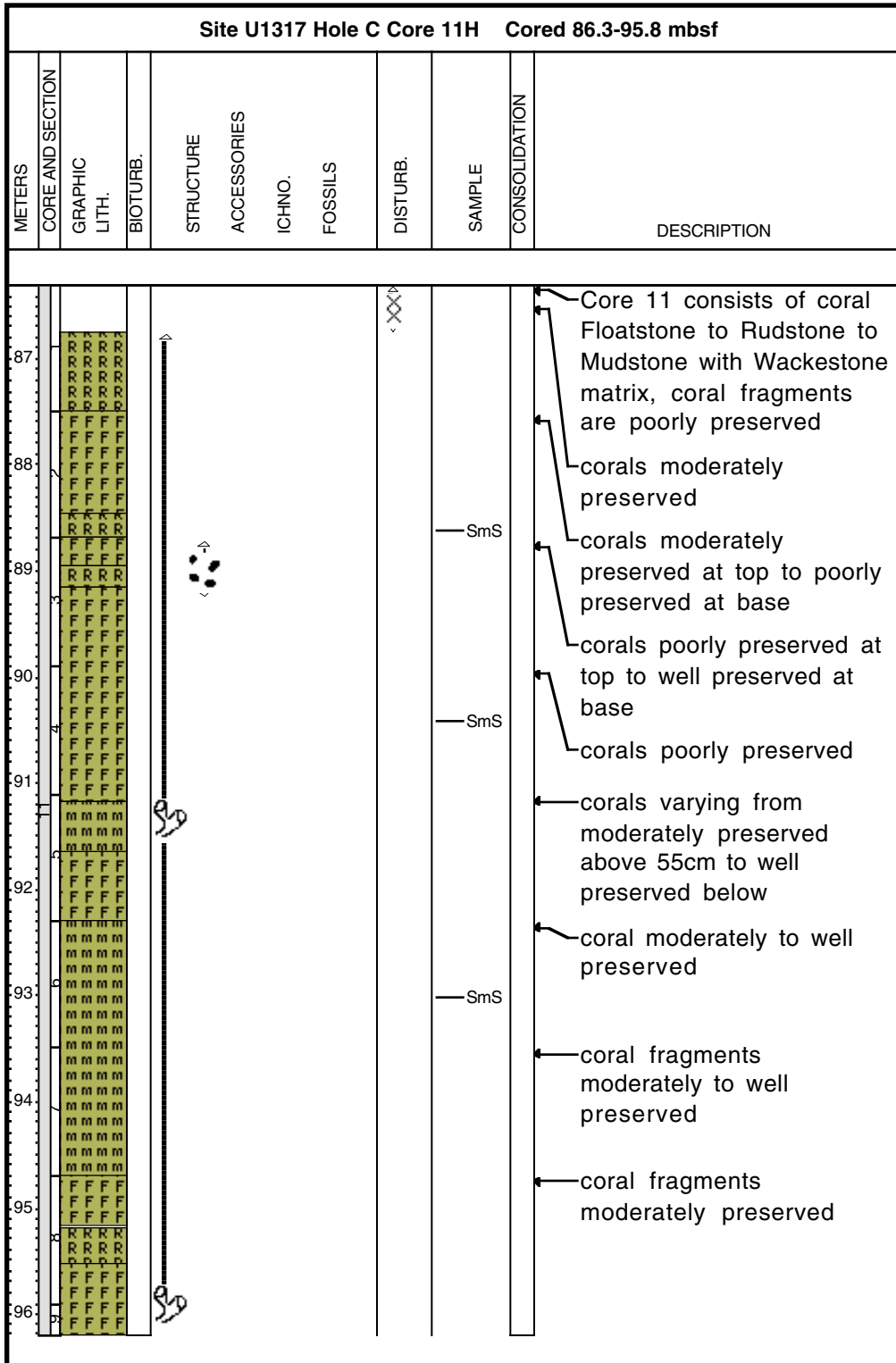
### Core Photo



### Core Photo

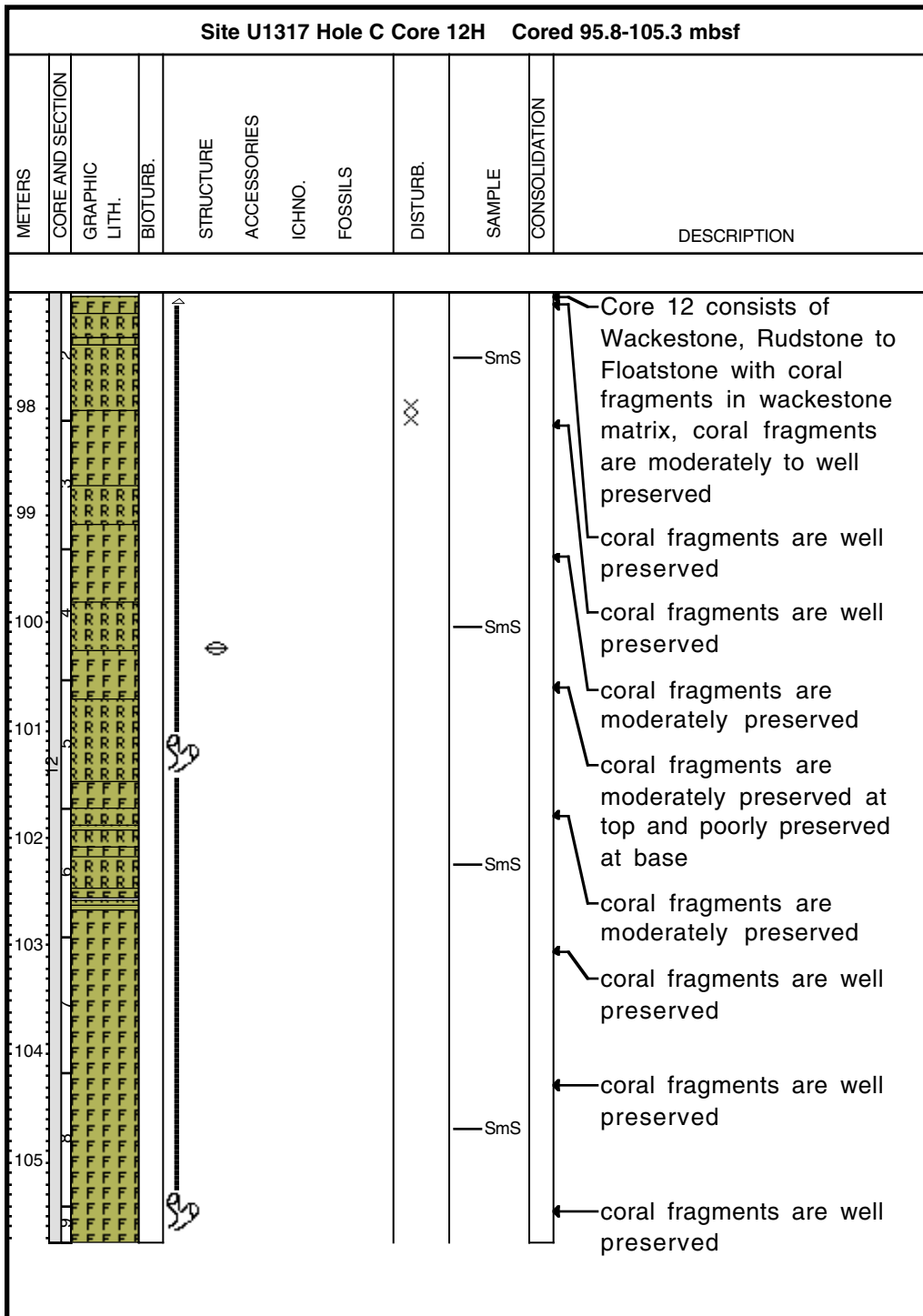


### Core Photo

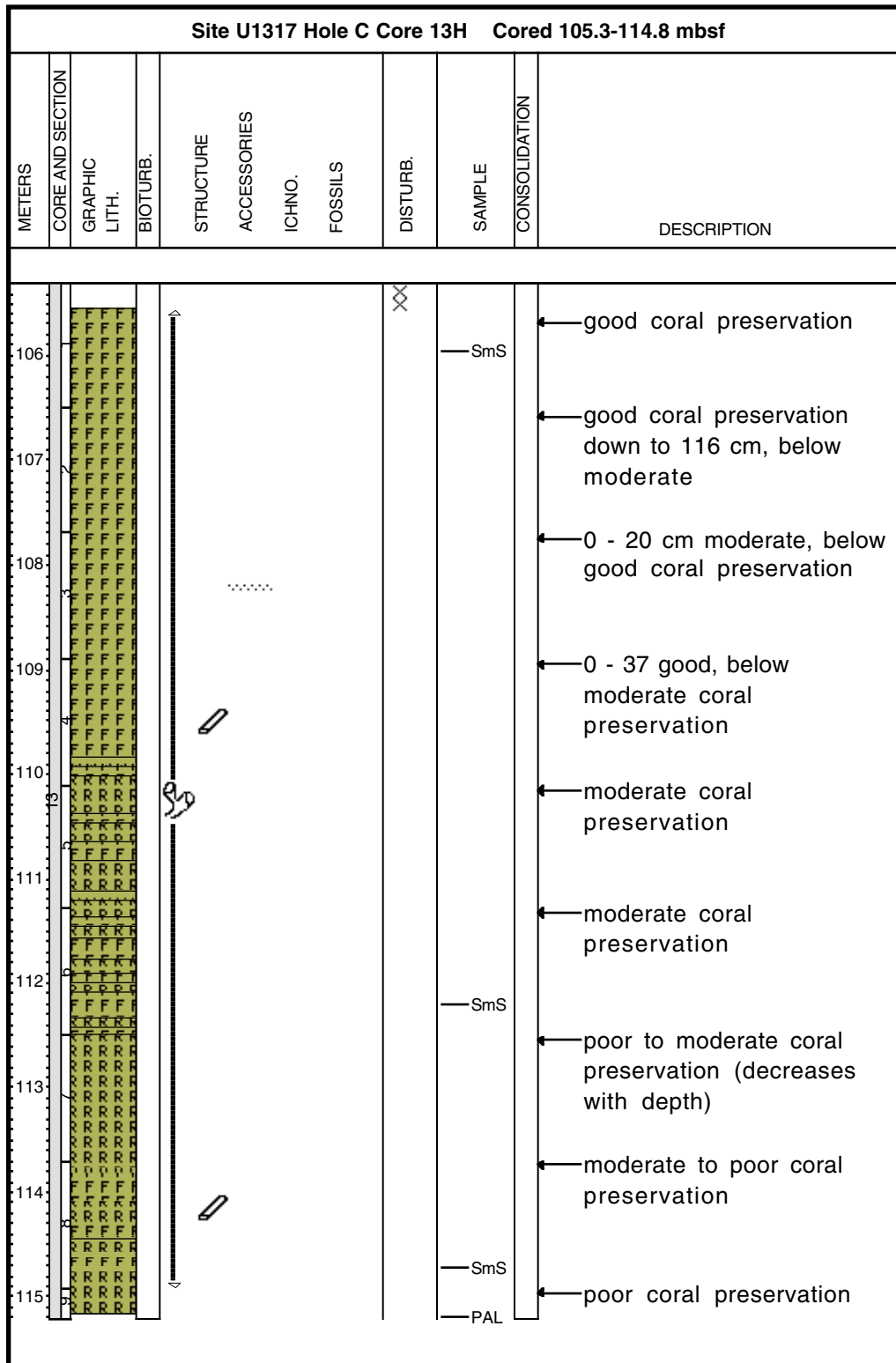




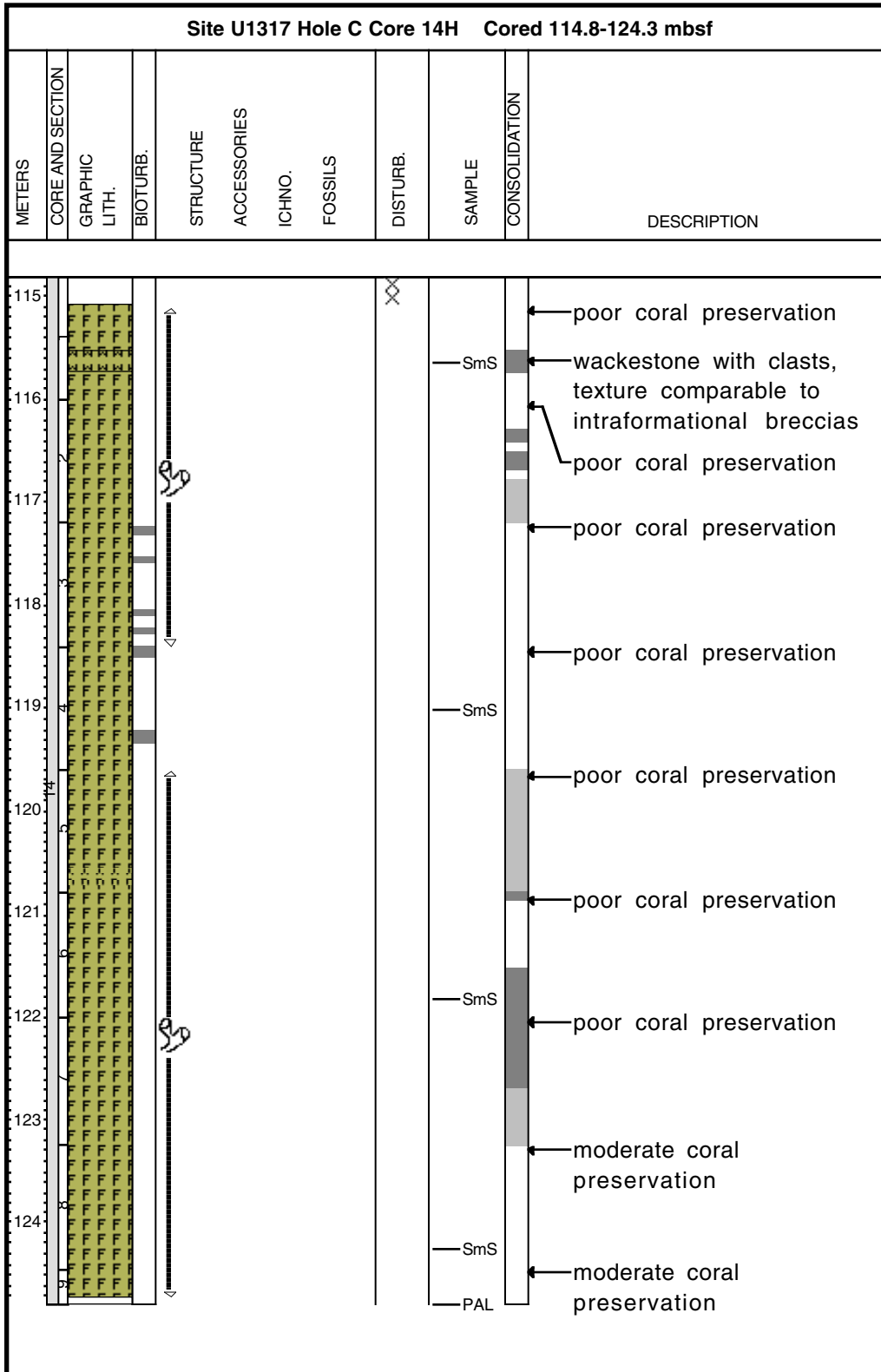
### Core Photo



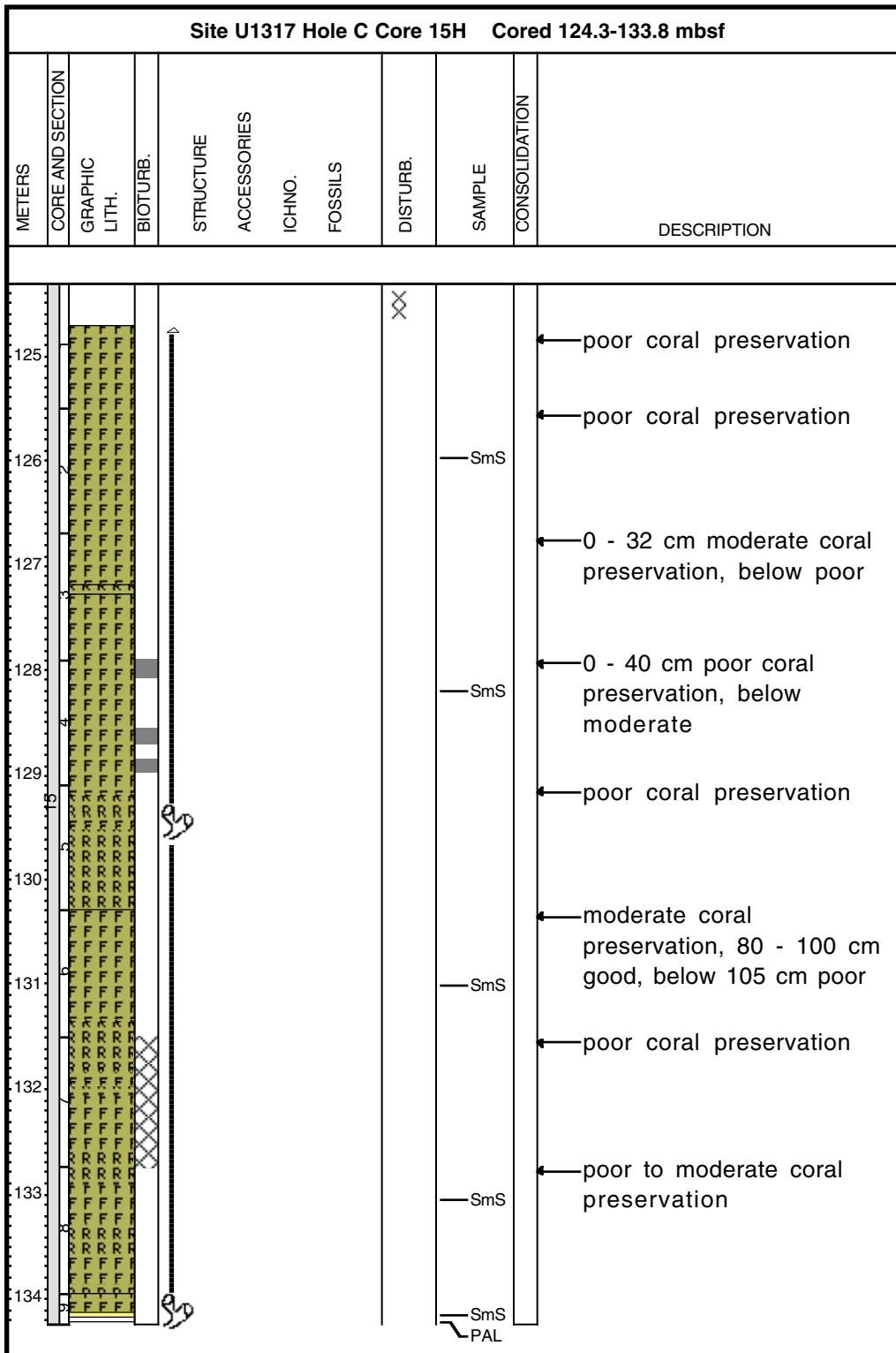
### Core Photo



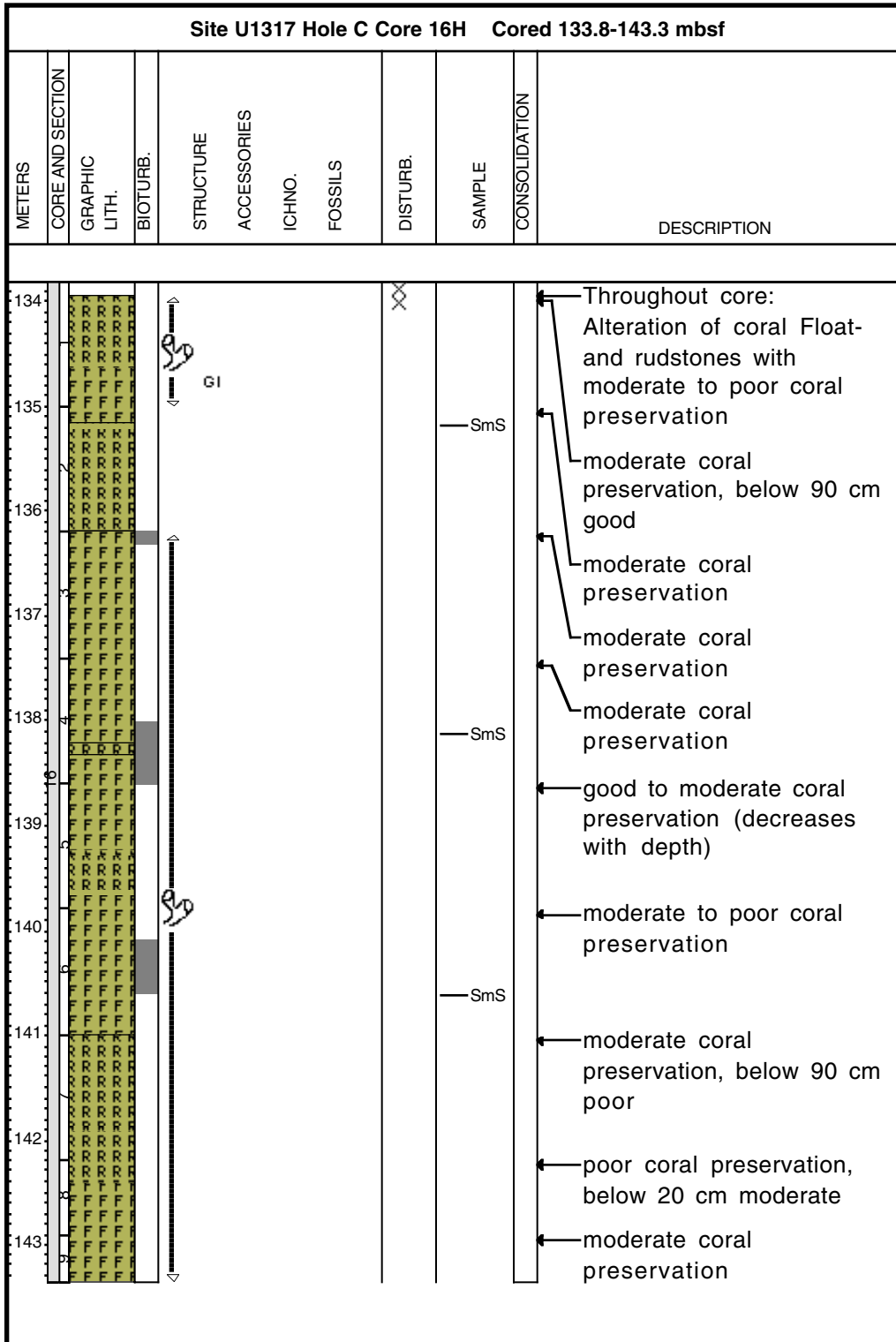
### Core Photo



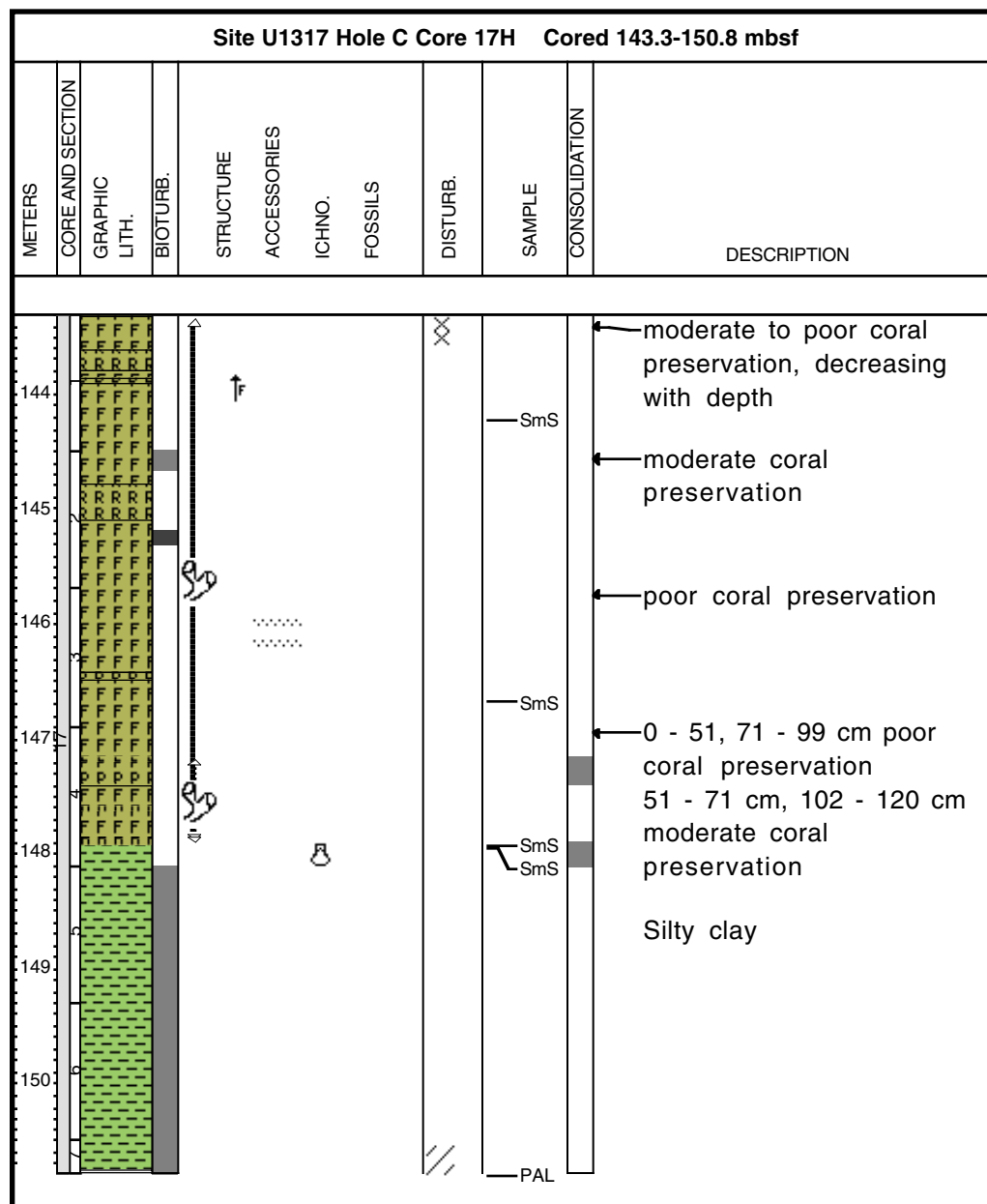
### Core Photo



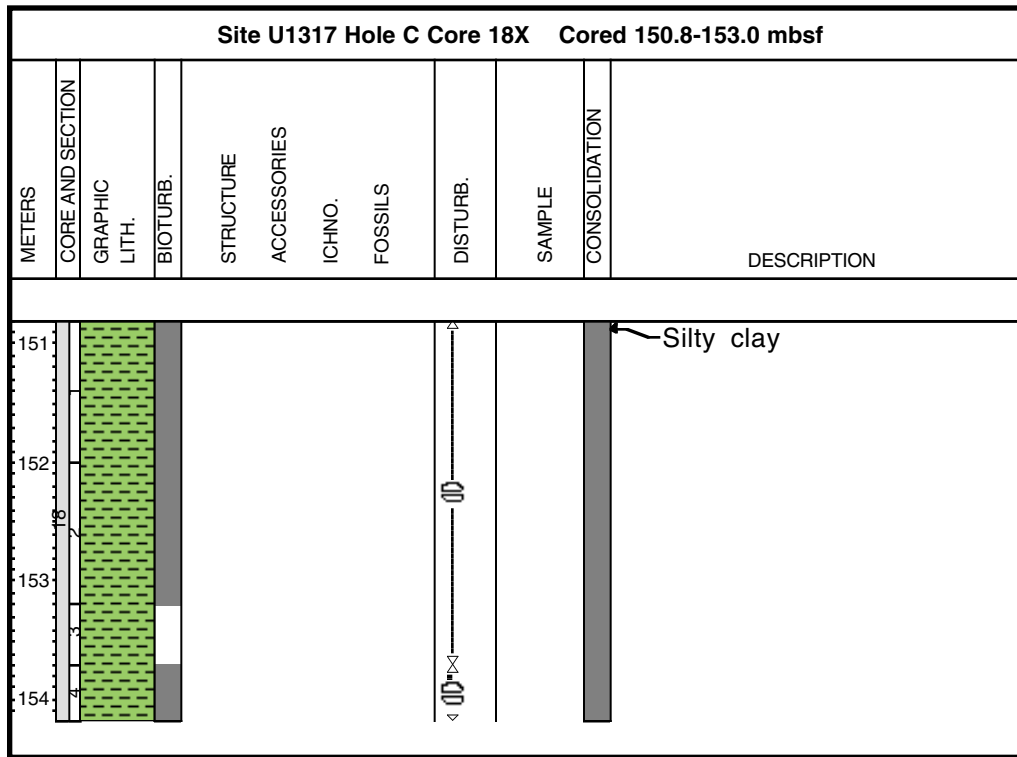
### Core Photo

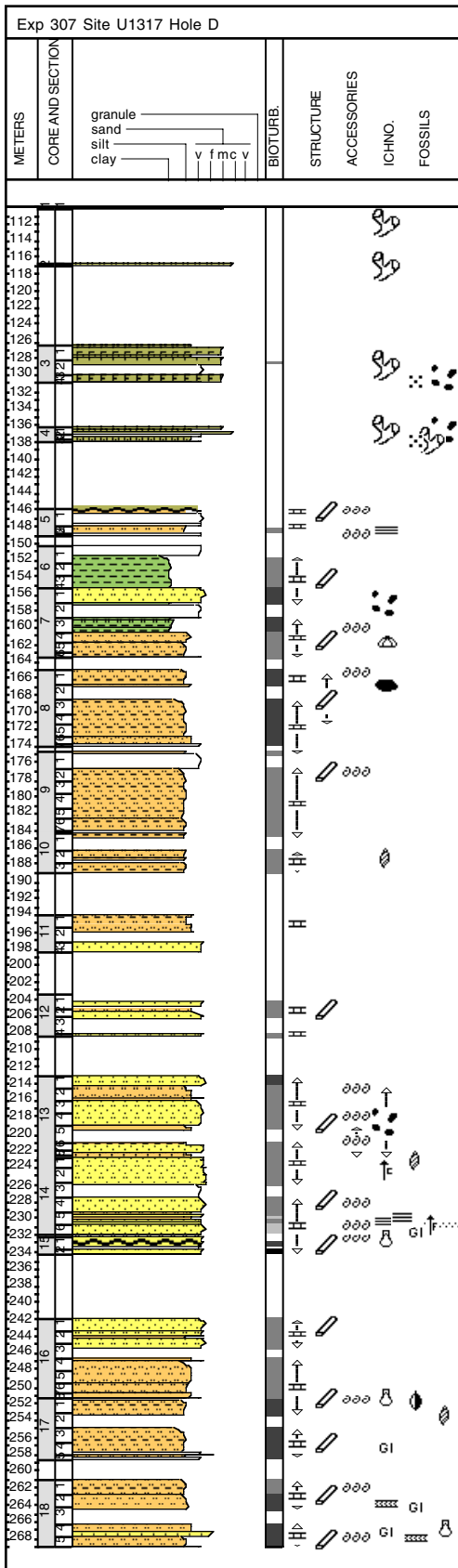


# Core Photo




### Core Photo





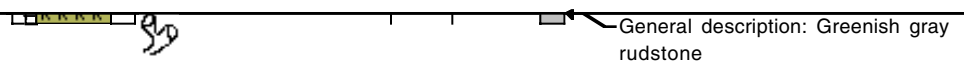


### Core Photo

Site U1317 Hole D Core 1R Cored 110.0-116.9 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
											General description: Alternating beds of greenish, light and dark gray floatstone.



## Core Photo

Site U1317 Hole D Core 2R Cored 116.9-126.6 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
											 <p>General description: Greenish gray rudstone</p>

### Core Photo

Site U1317 Hole D Core 3R Cored 126.6-136.2 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
127											General description: Alternating beds of greenish, light and dark gray floatstone and wackestone.
128											
129											
130											
									MBI SmS PAL		



### Core Photo

Site U1317 Hole D Core 4R Cored 136.2-145.8 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
137 4 3 2 1											General description: Alternating beds of greenish, light and dark gray floatstone, rudstone and wackestone.
									<ul style="list-style-type: none"> <li>— IW</li> <li>— SmS</li> <li>— PAL</li> </ul>		

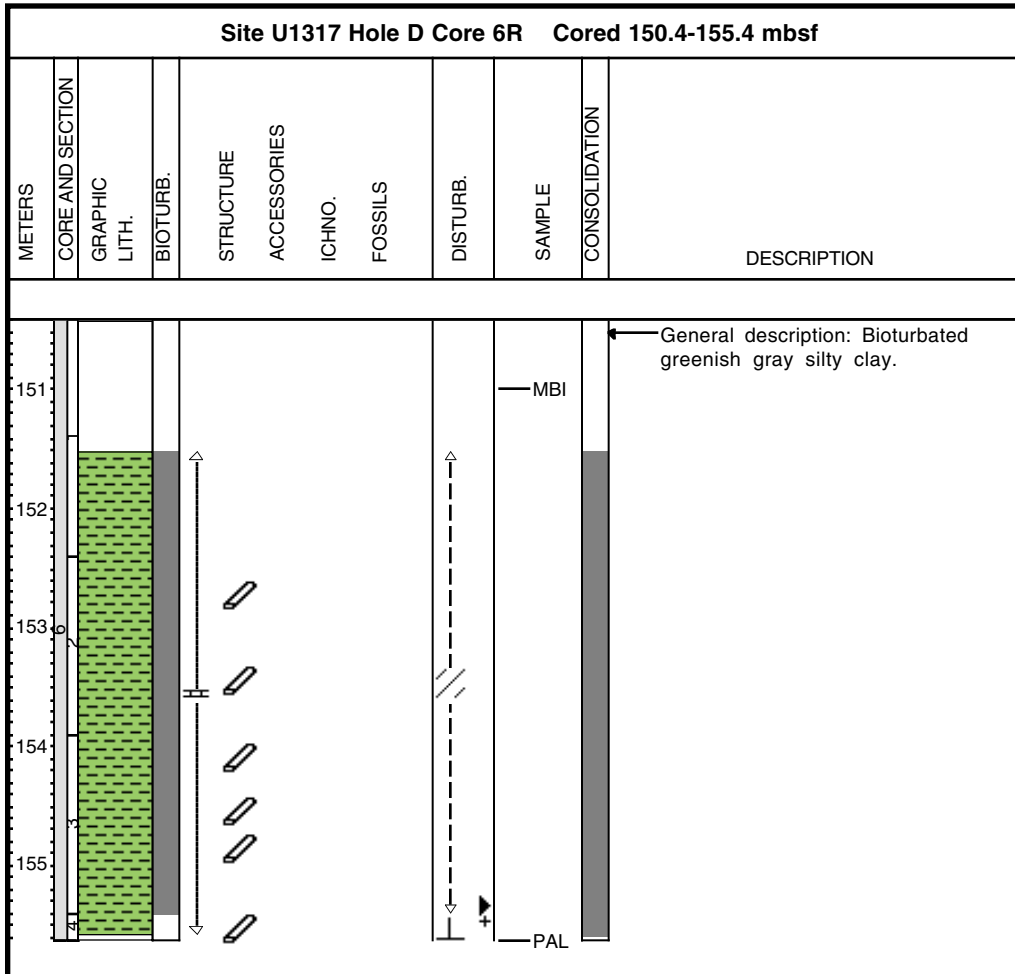


Core Photo

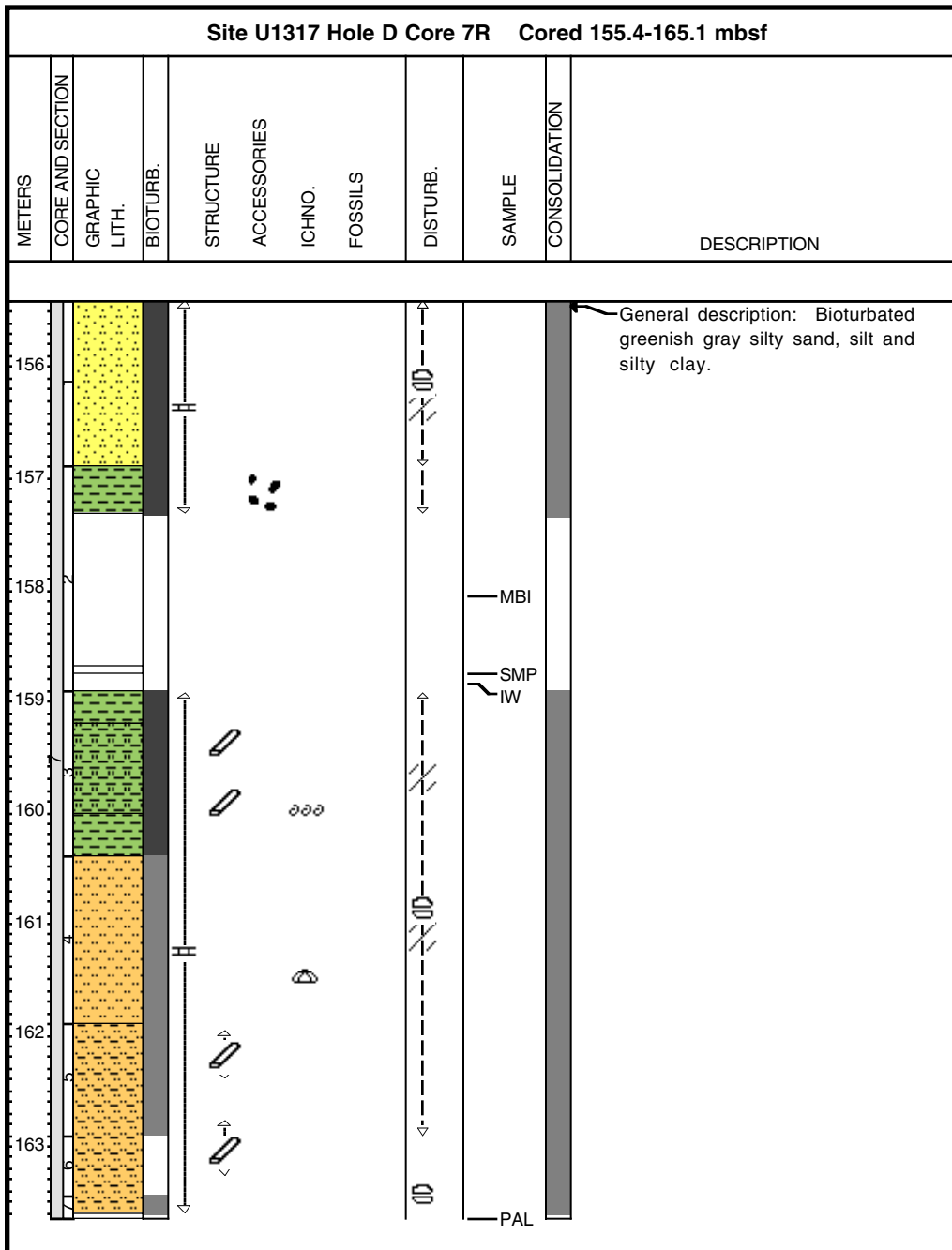
Site U1317 Hole D Core 5R Cored 145.8-150.4 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
146				H							<p>General description: Gray wackestone, packstone. Boundary of moundbase. Below calcareous clayey silt.</p> <p>Boundary of moundbase overlain by a thin packstone bed rich in benthic foraminifers.</p>
147								IW			
148				H					BIO IW		
									PAL		



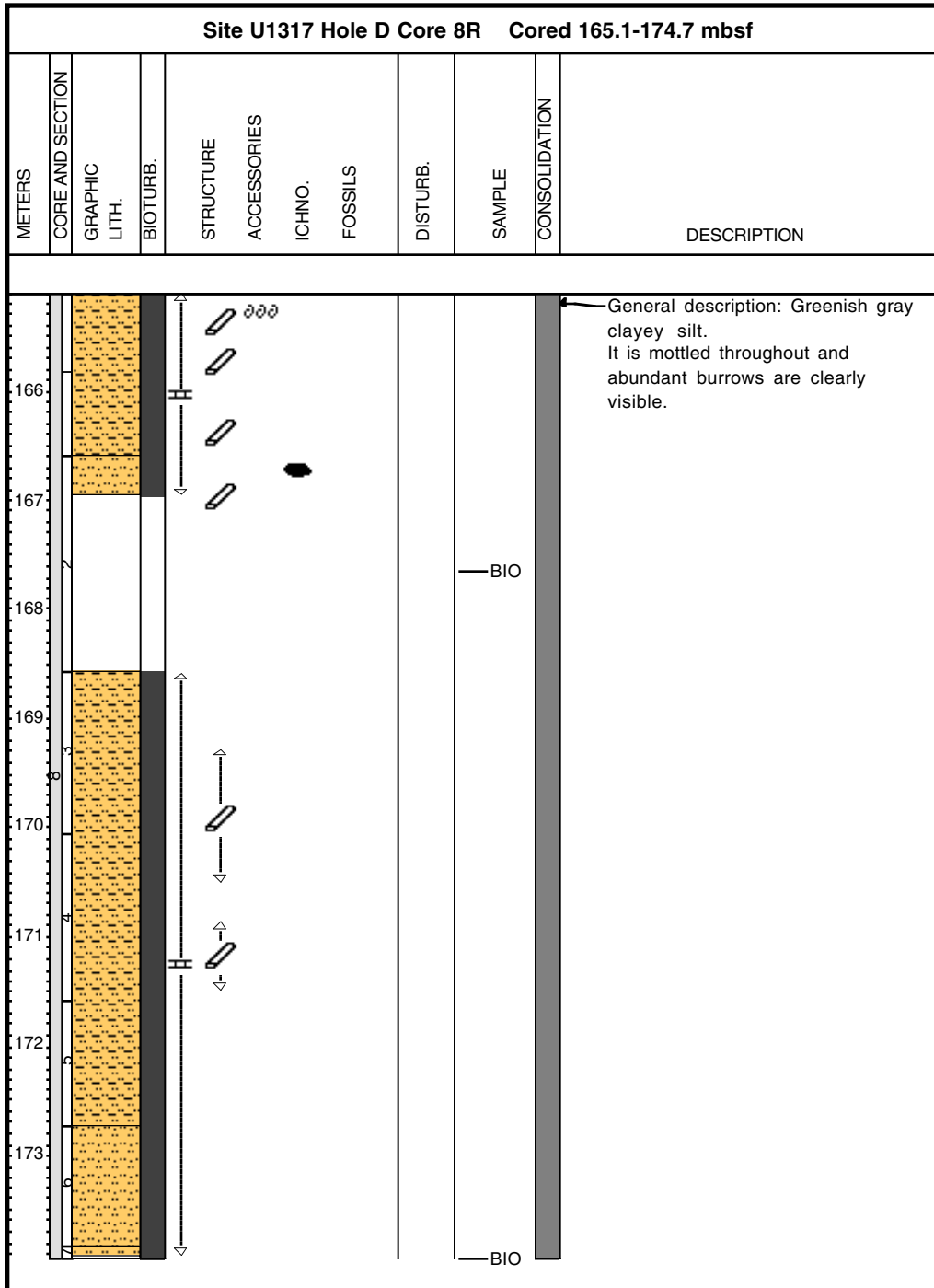
### Core Photo



### Core Photo

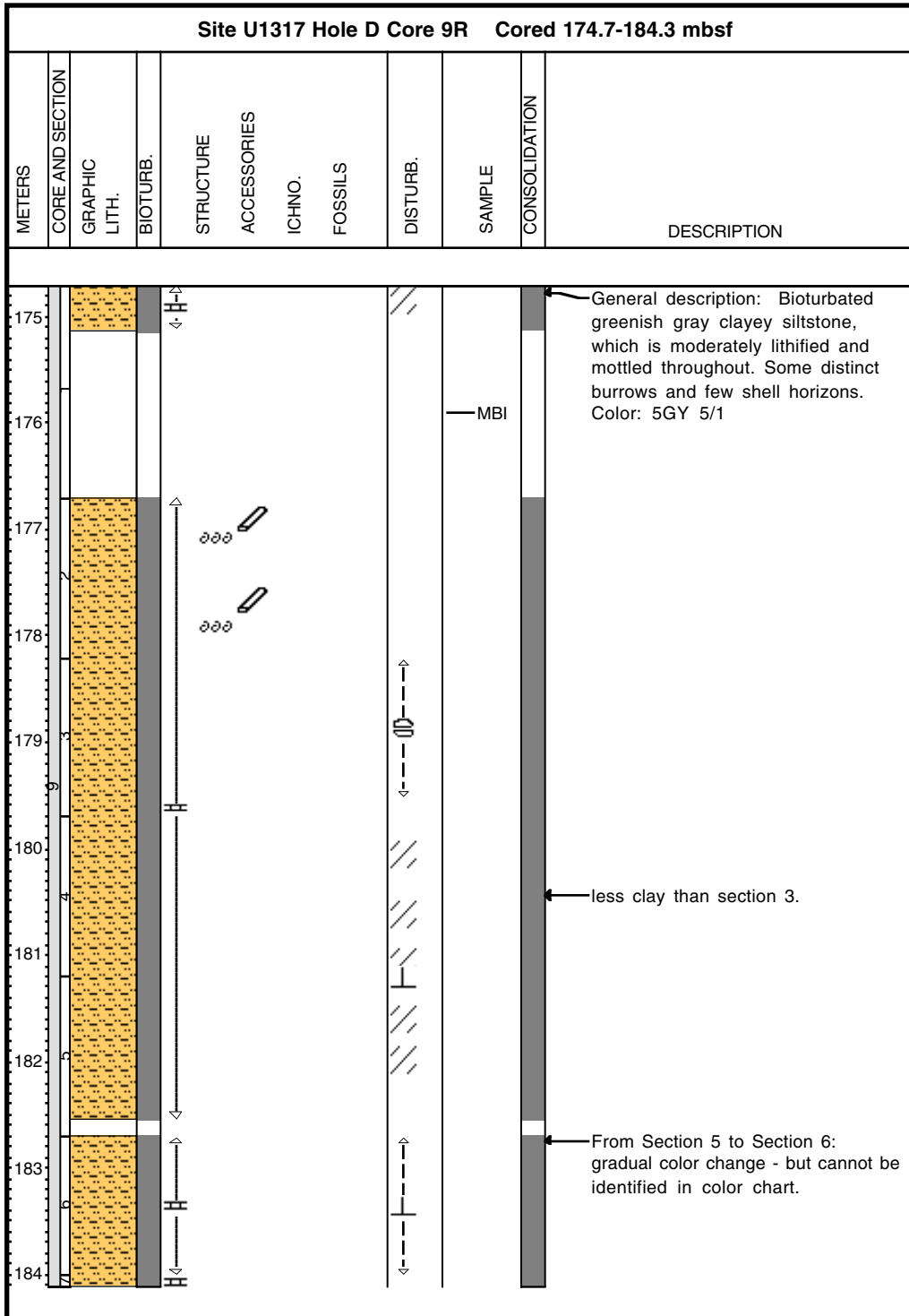


### Core Photo

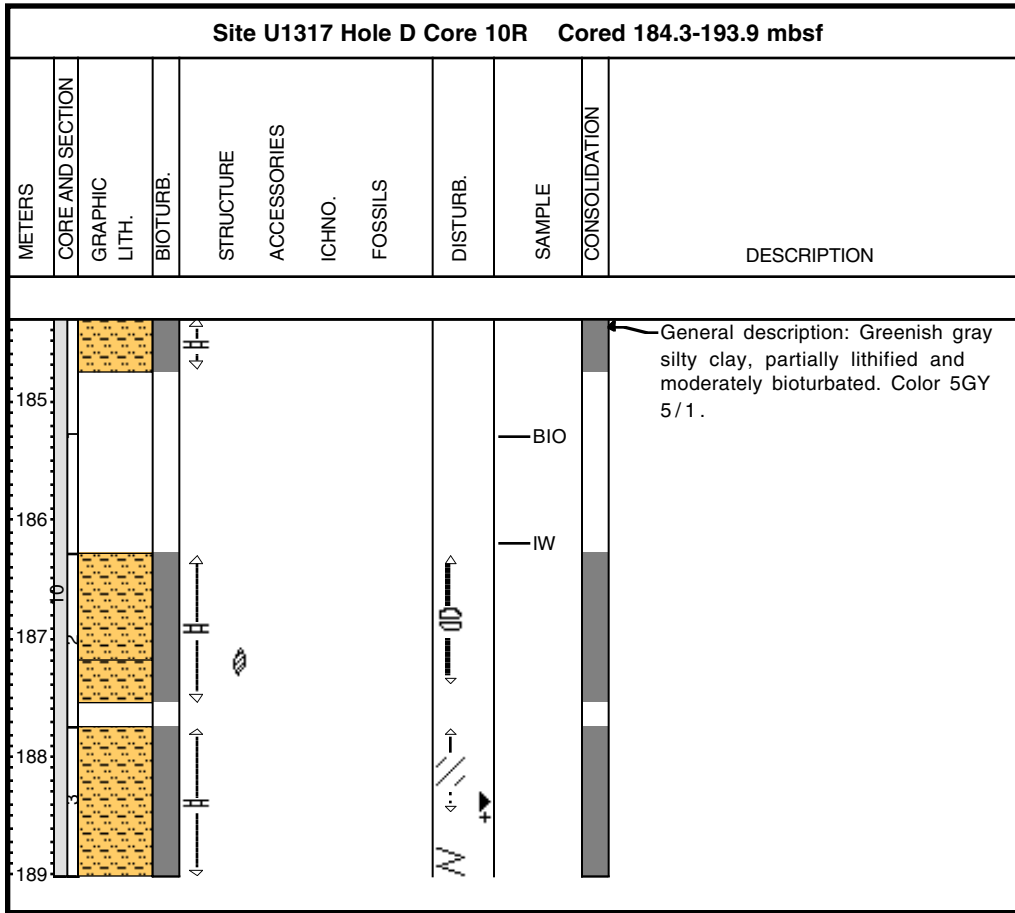




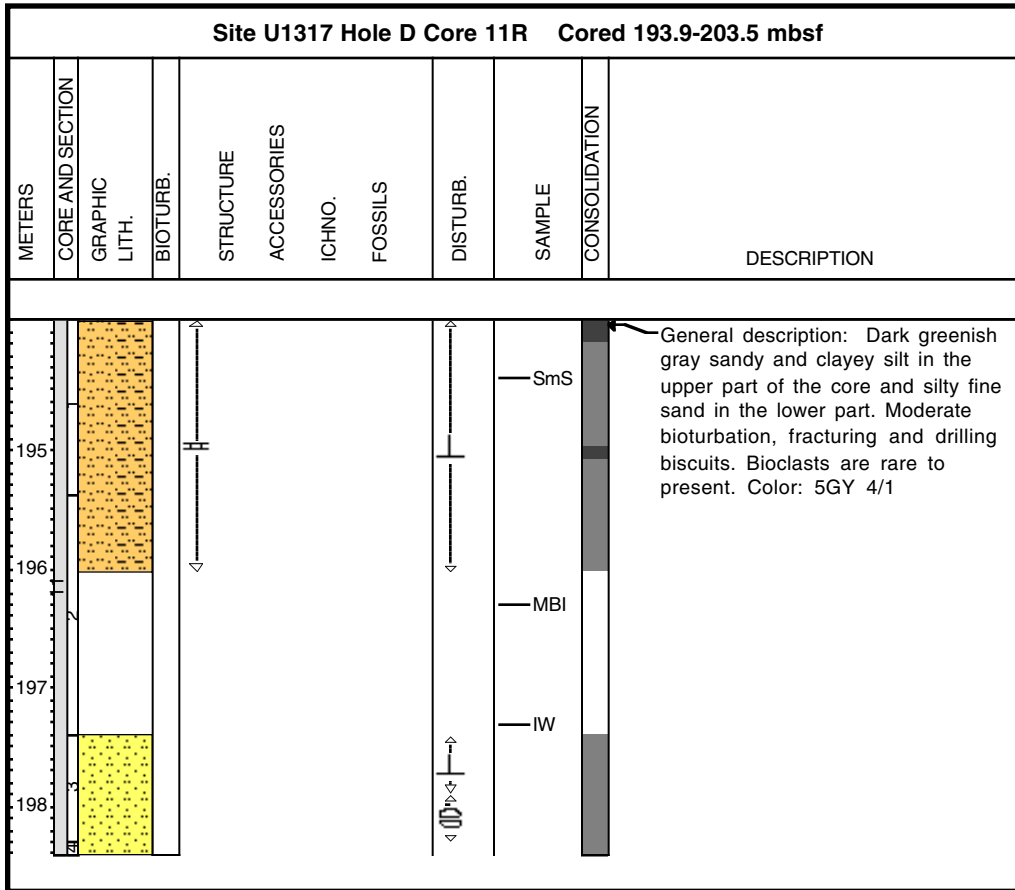
### Core Photo



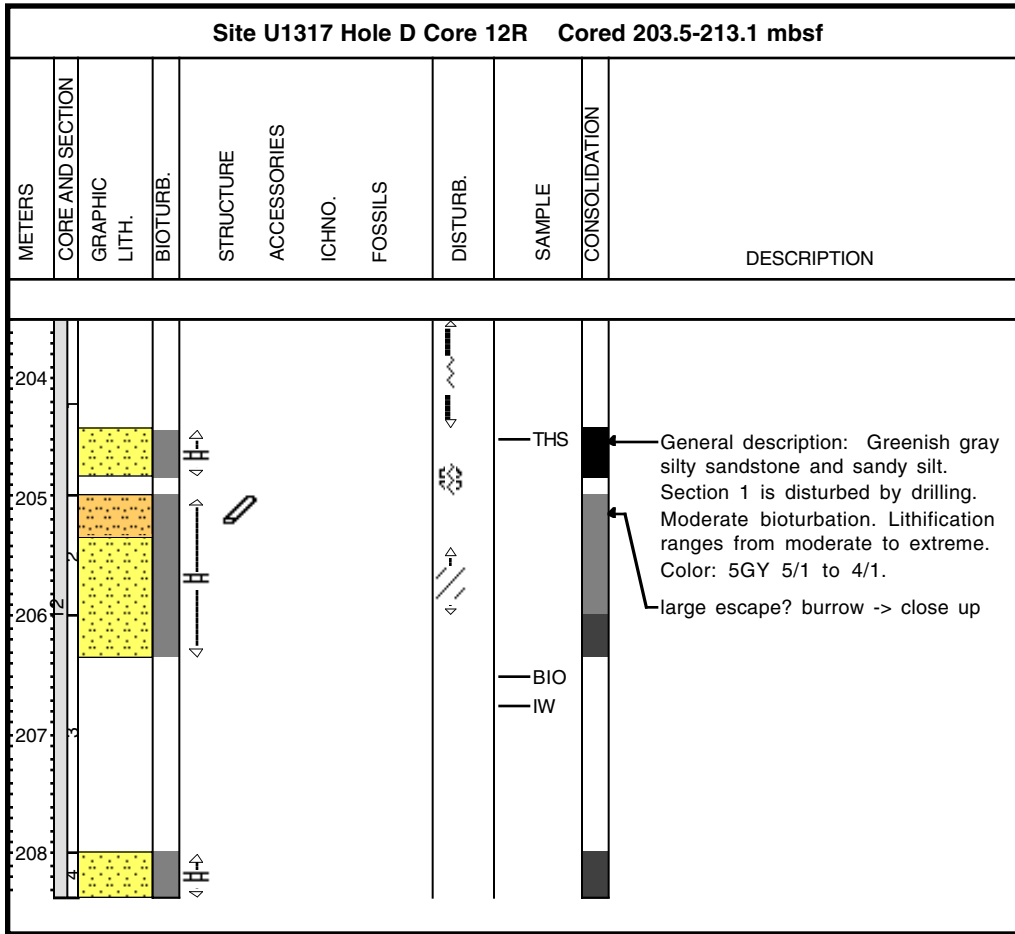
### Core Photo



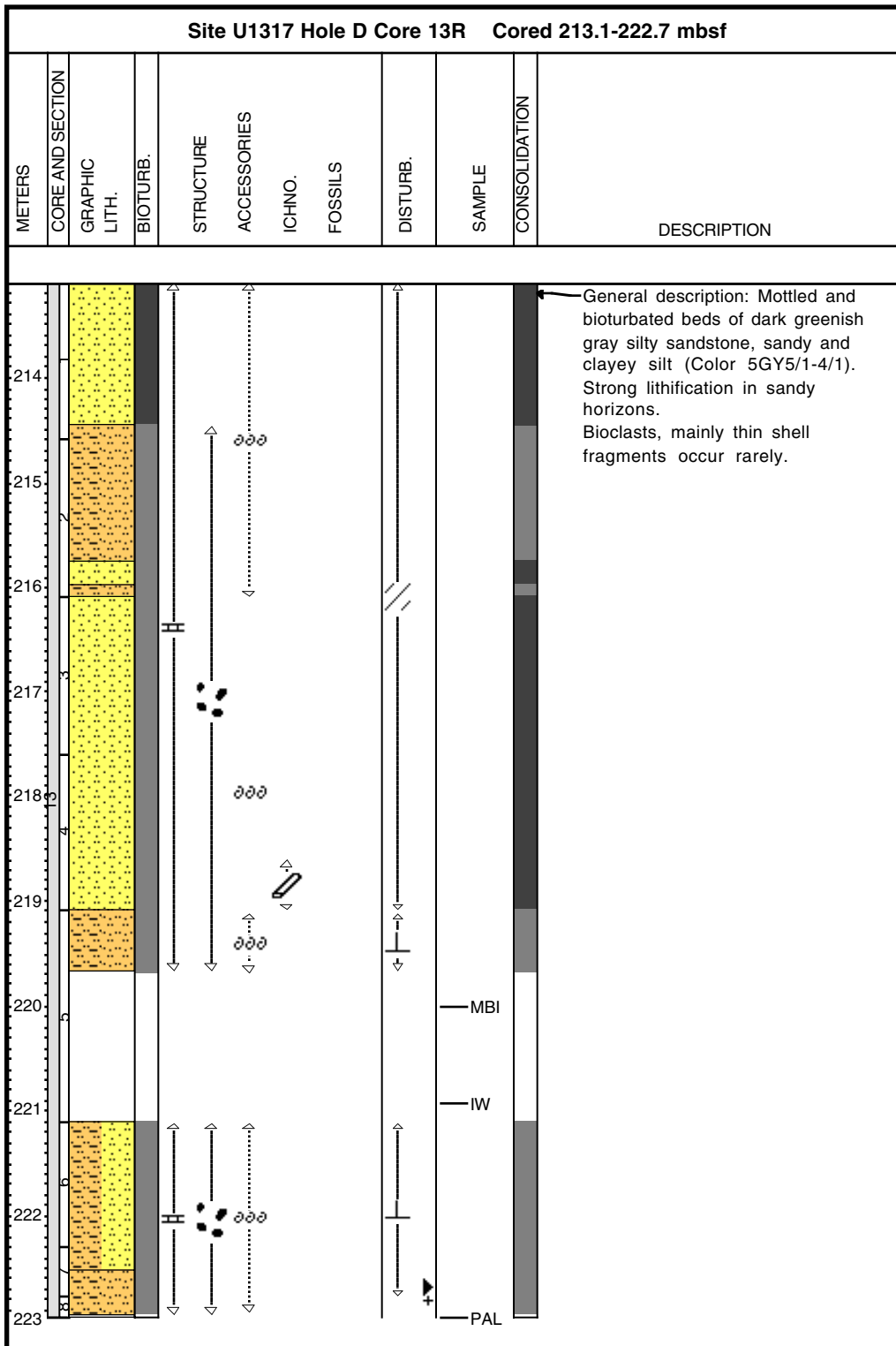
### Core Photo



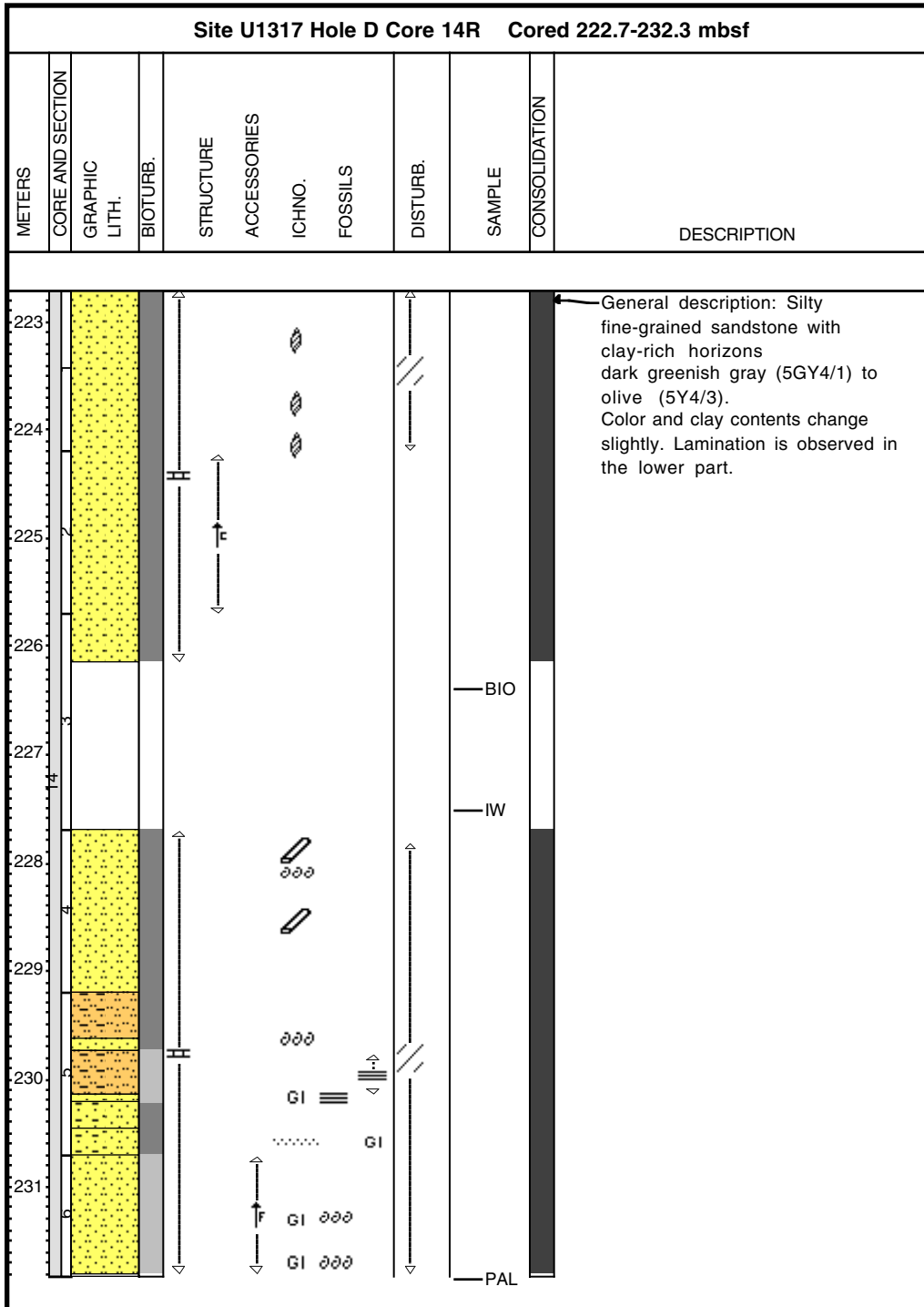
### Core Photo



### Core Photo



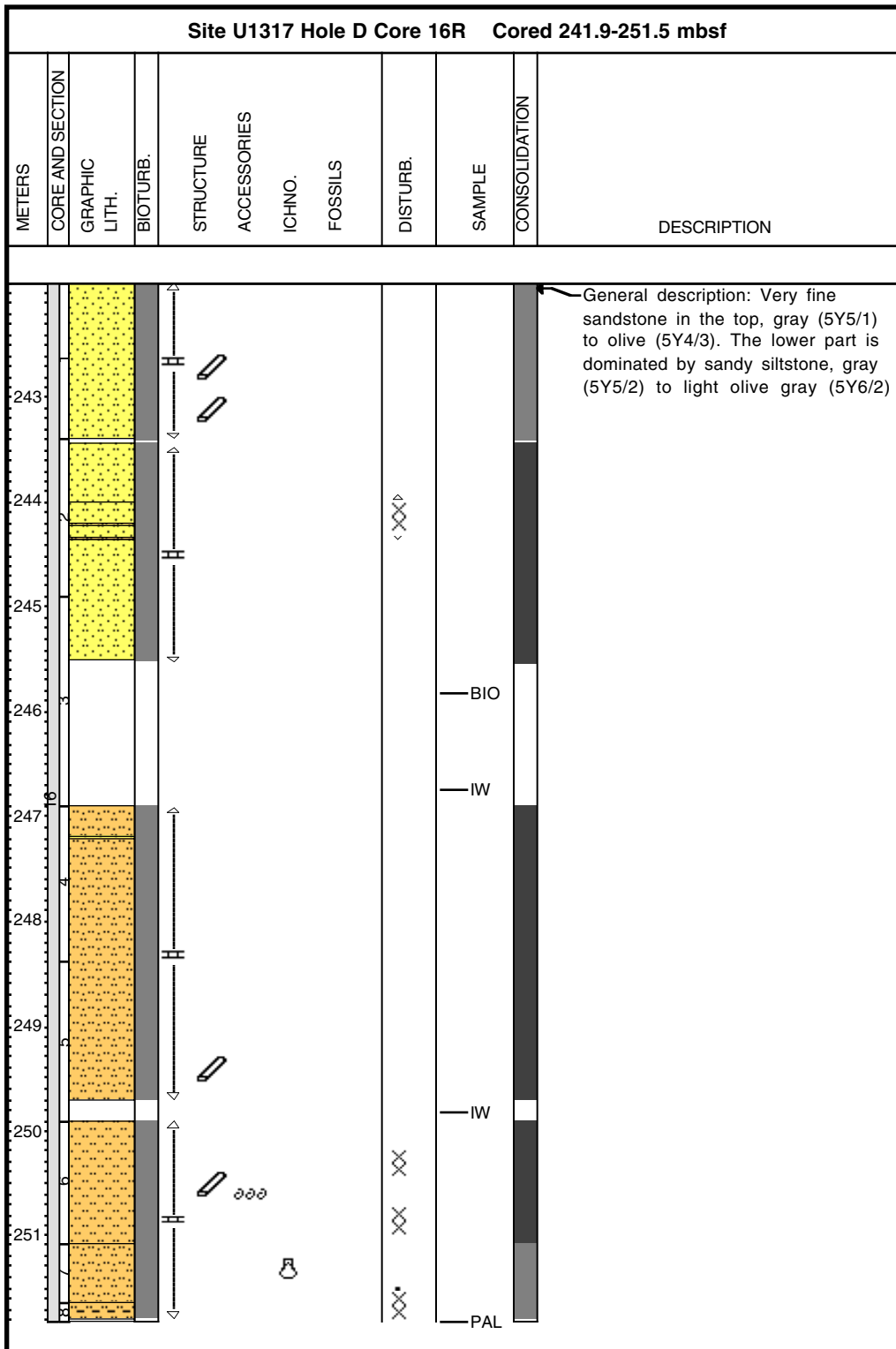
### Core Photo



### Core Photo

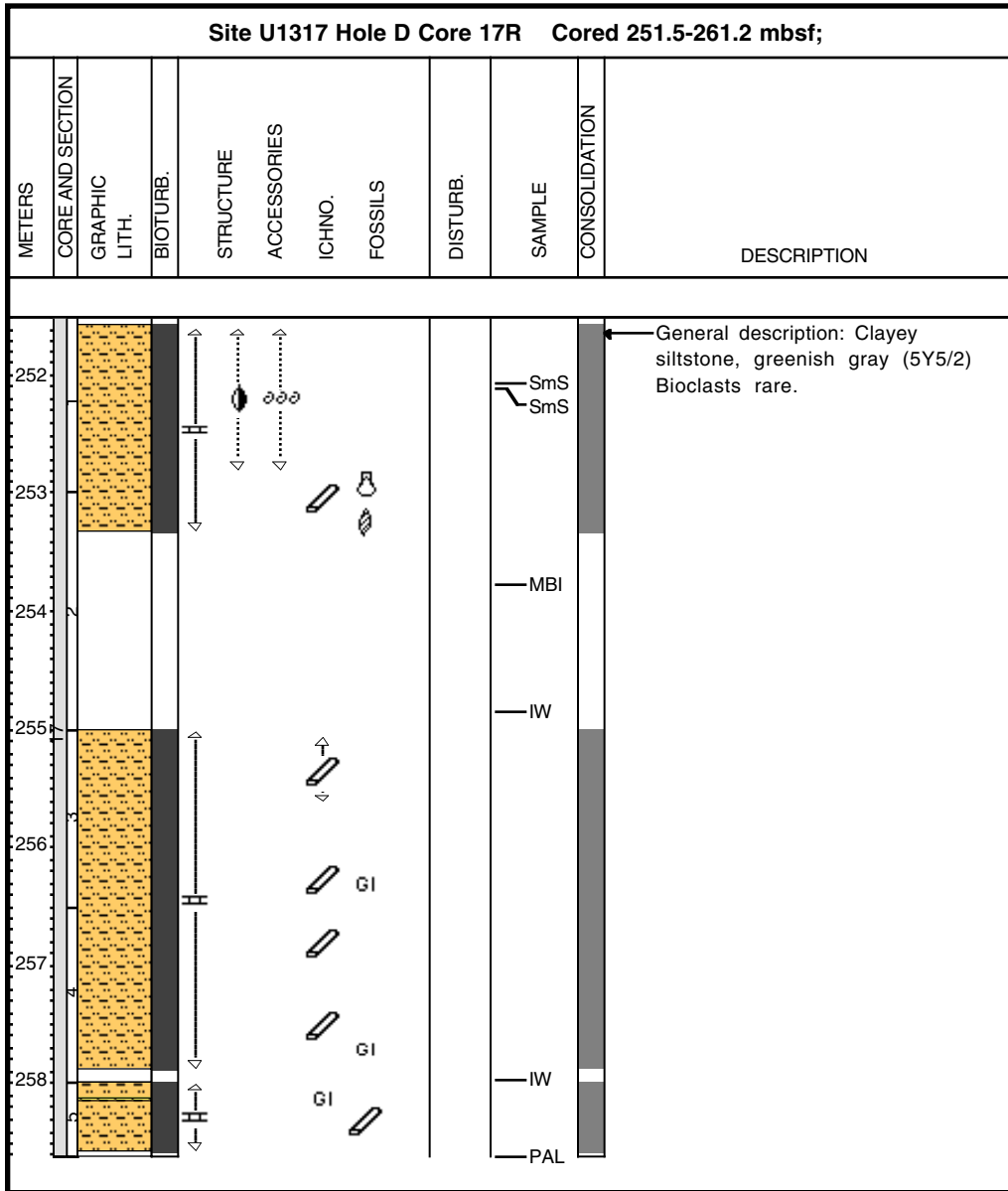
Site U1317 Hole D Core 15R Cored 232.3-241.9 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
233 15 234					$\partial\partial\partial$	GI			IW PAL		<p>General description: Dark greenish gray (5GY5/1) to olive (5Y4/3) silty sandstone.</p> <p>Grain sizes change from very fine sand (below erosional boundary) to shell rich fine sand (above the boundary).</p>

### Core Photo

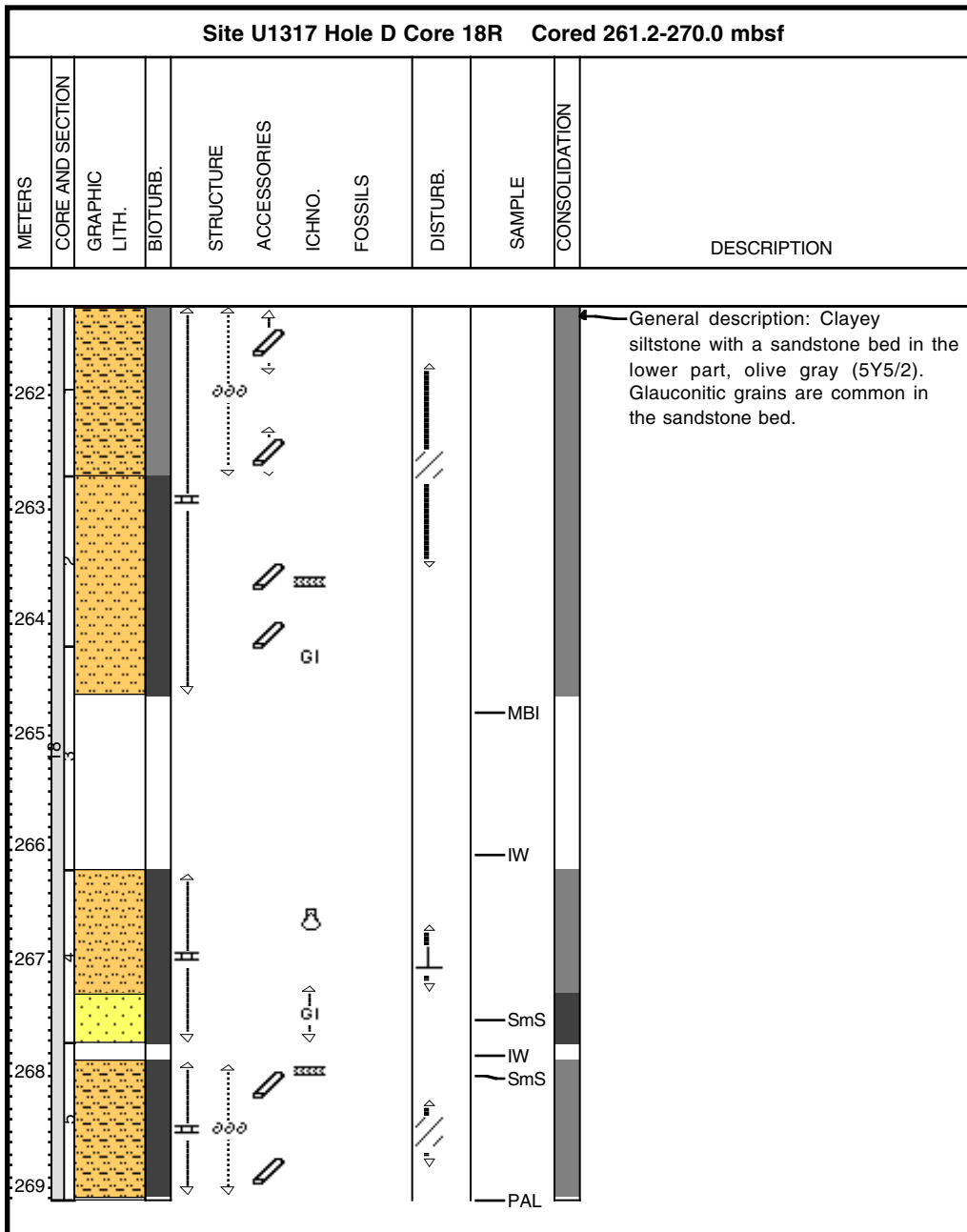




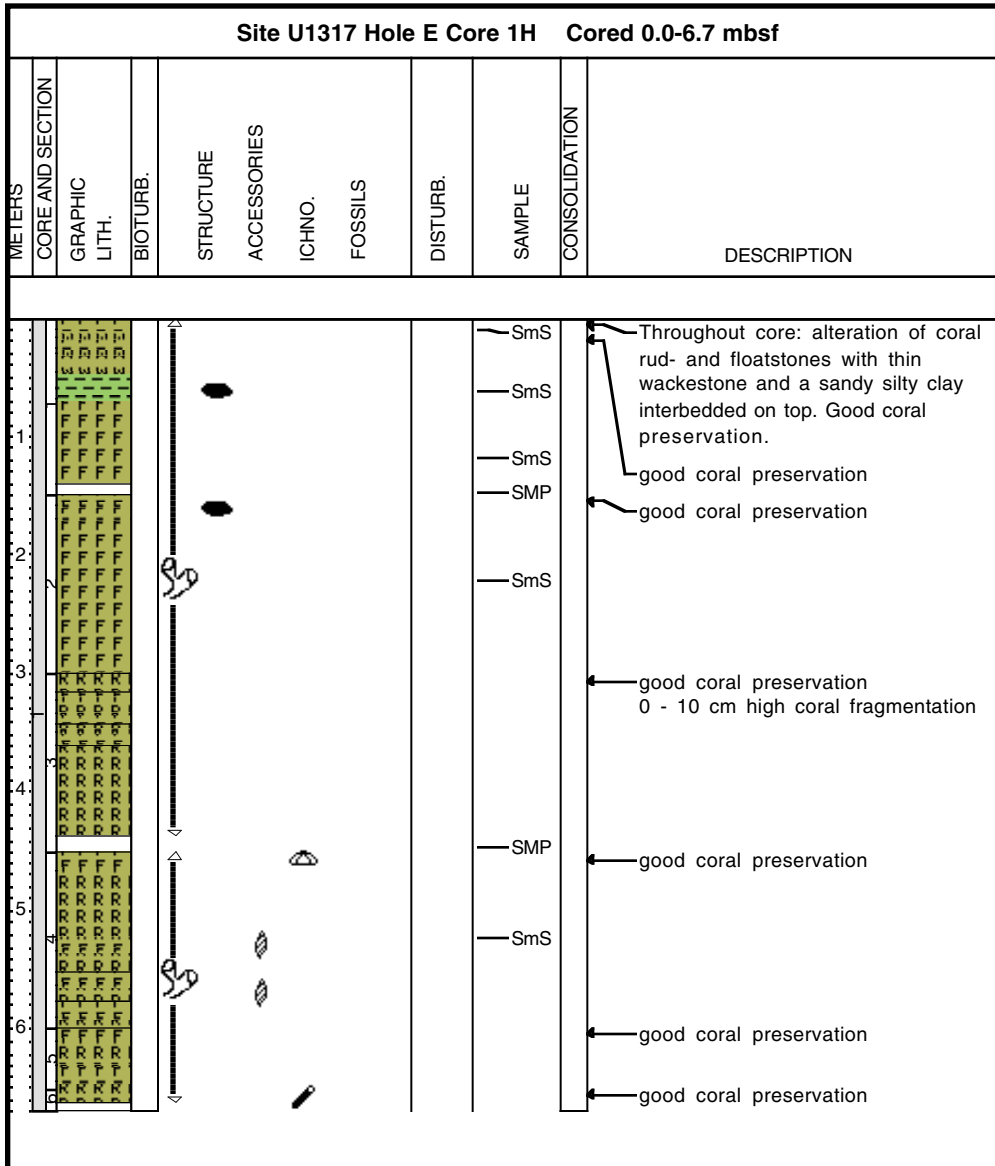
### Core Photo



### Core Photo



### Core Photo

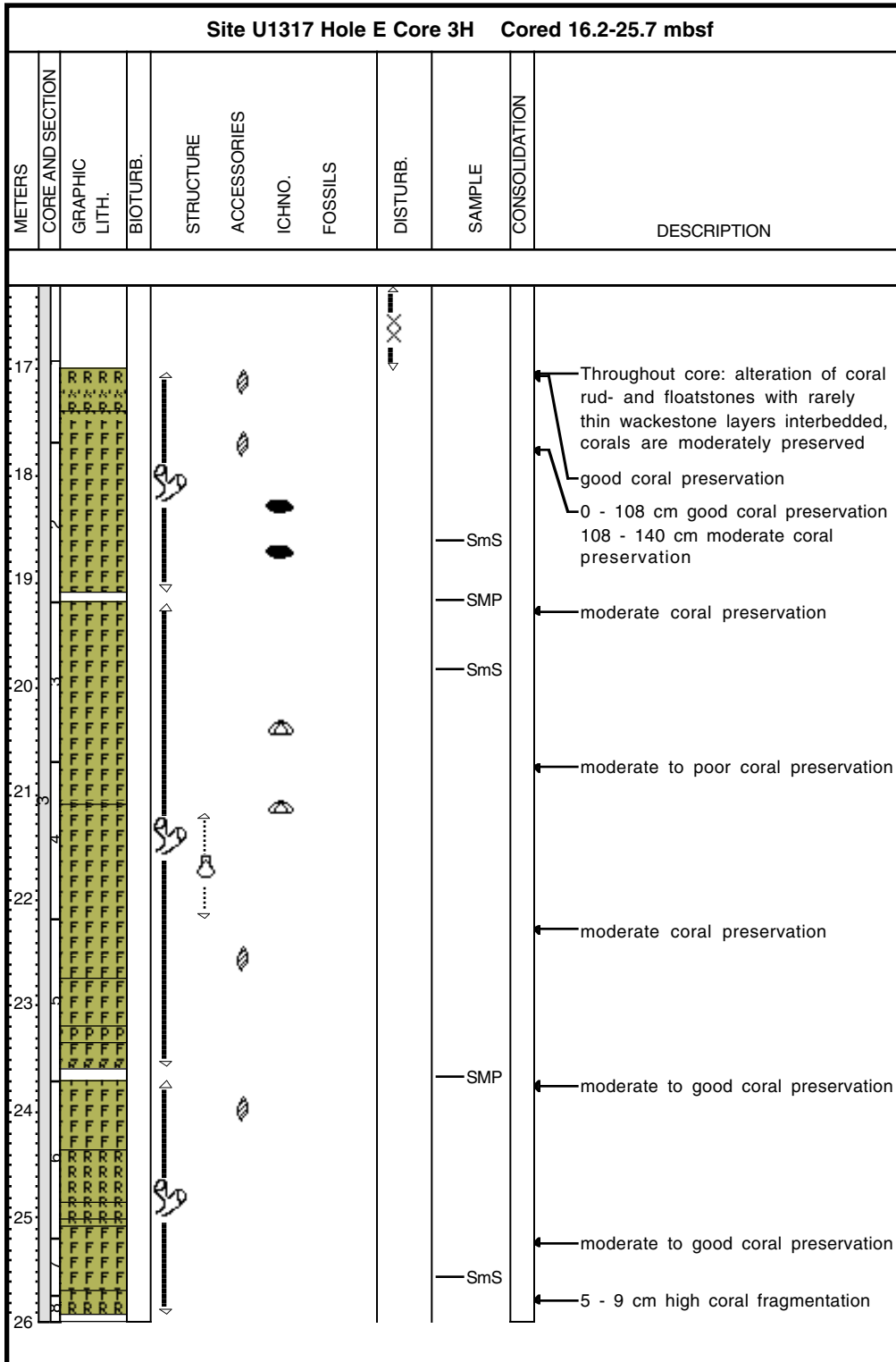


### Core Photo

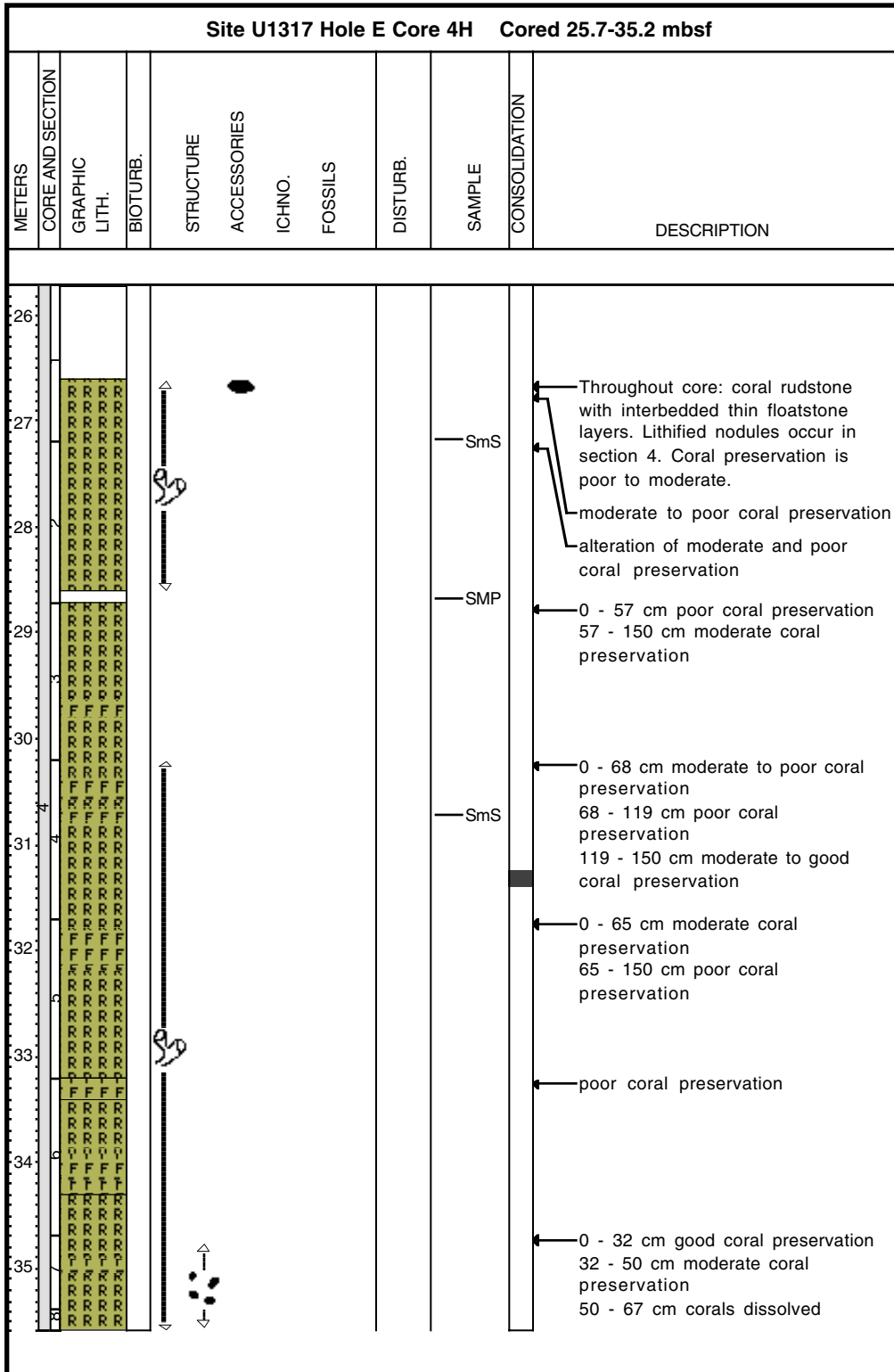
Site U1317 Hole E Core 2H Cored 6.7-16.2 mbsf								
METERS	CORE AND SECTION GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES	ICHNO. FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
7								Throughout core: alteration of float- and rudstones interbedded by few thin wackestone layers, coral preservation is generally good
8						SmS		good coral preservation
9								good coral preservation
10								good coral preservation
11								good coral fragmentation
12							SmS	good coral preservation
13								32 - 34 cm high coral fragmentation
14							SmS	
15							SmS	
16								good coral preservation



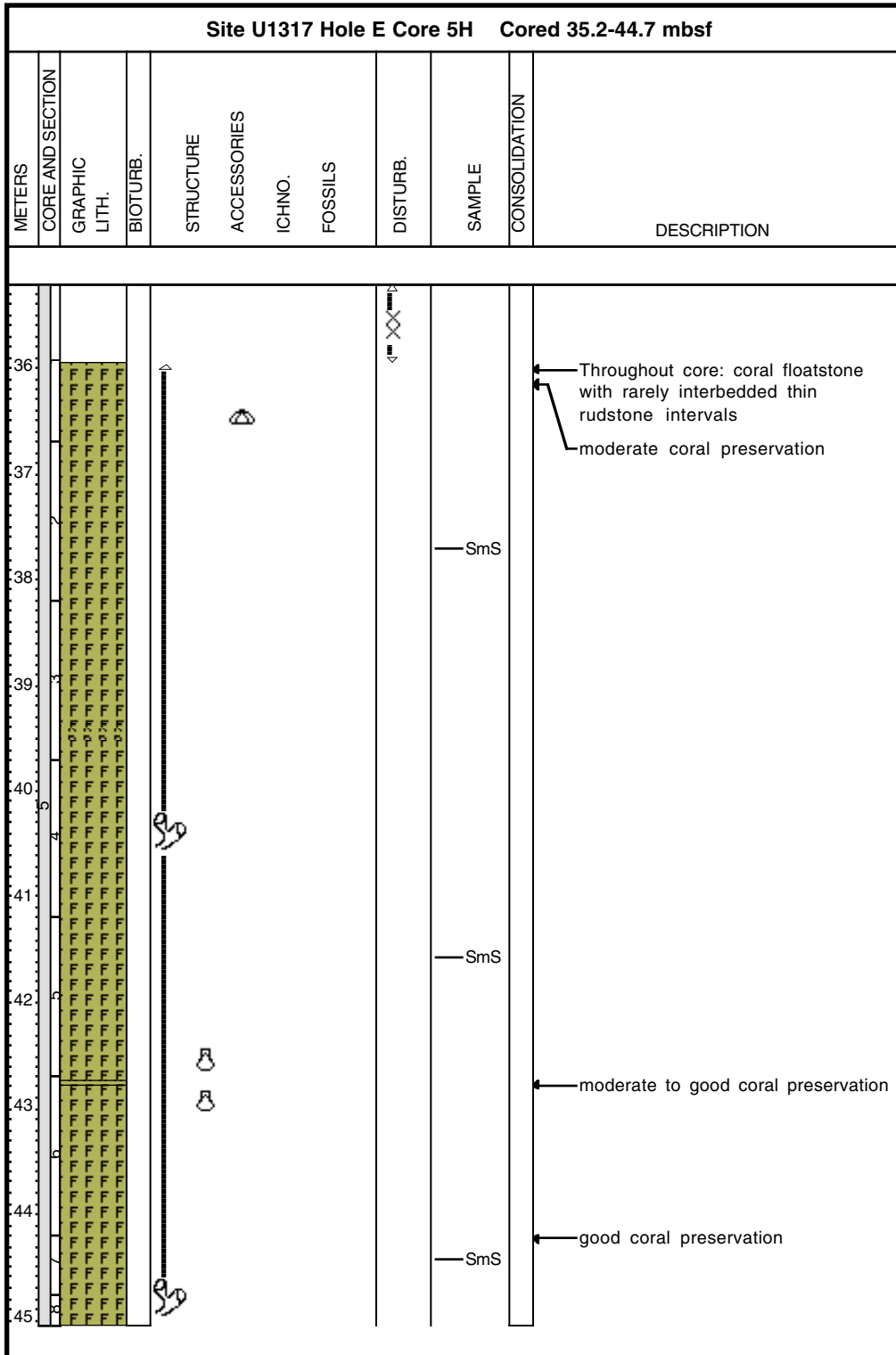
### Core Photo



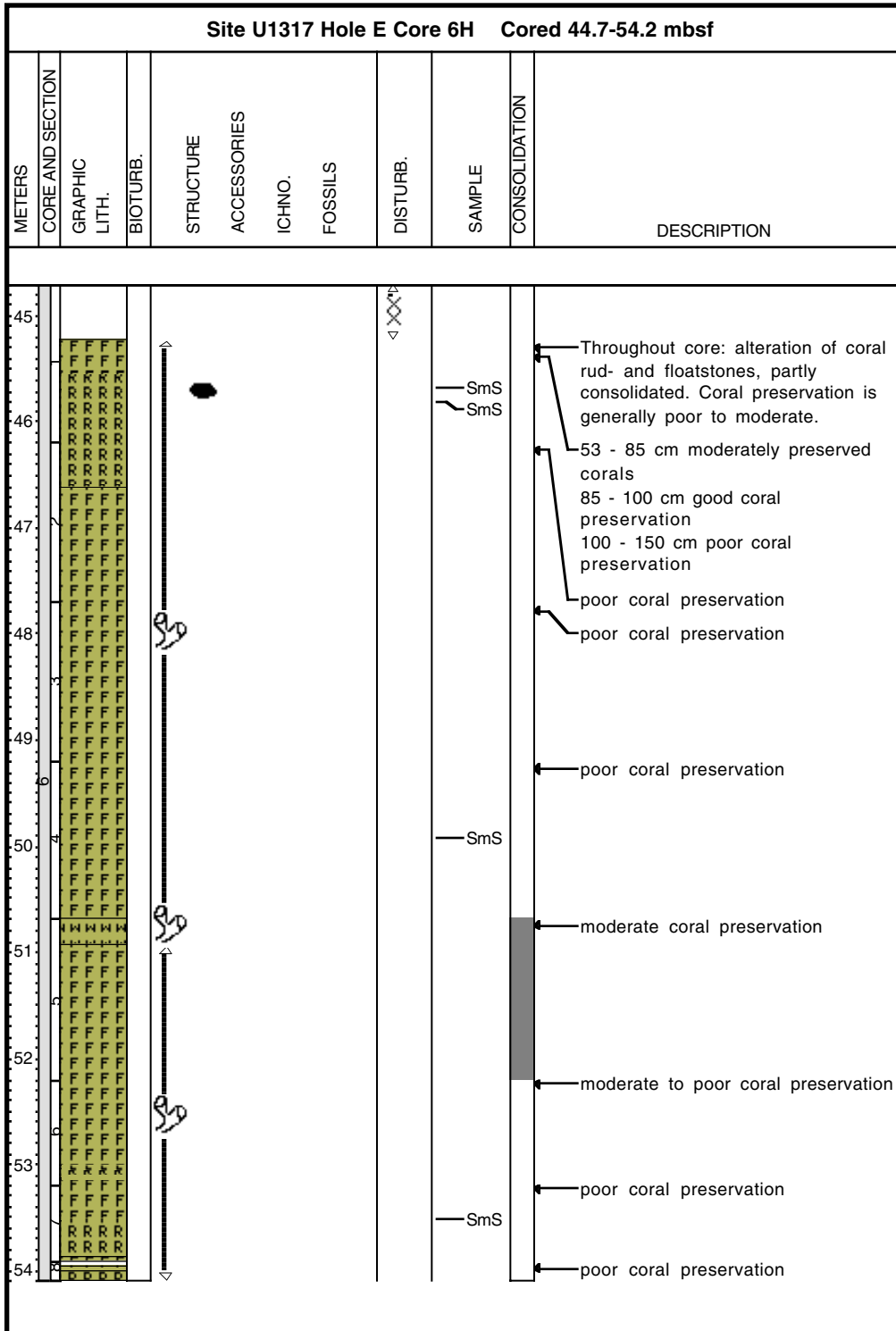
### Core Photo



### Core Photo



### Core Photo



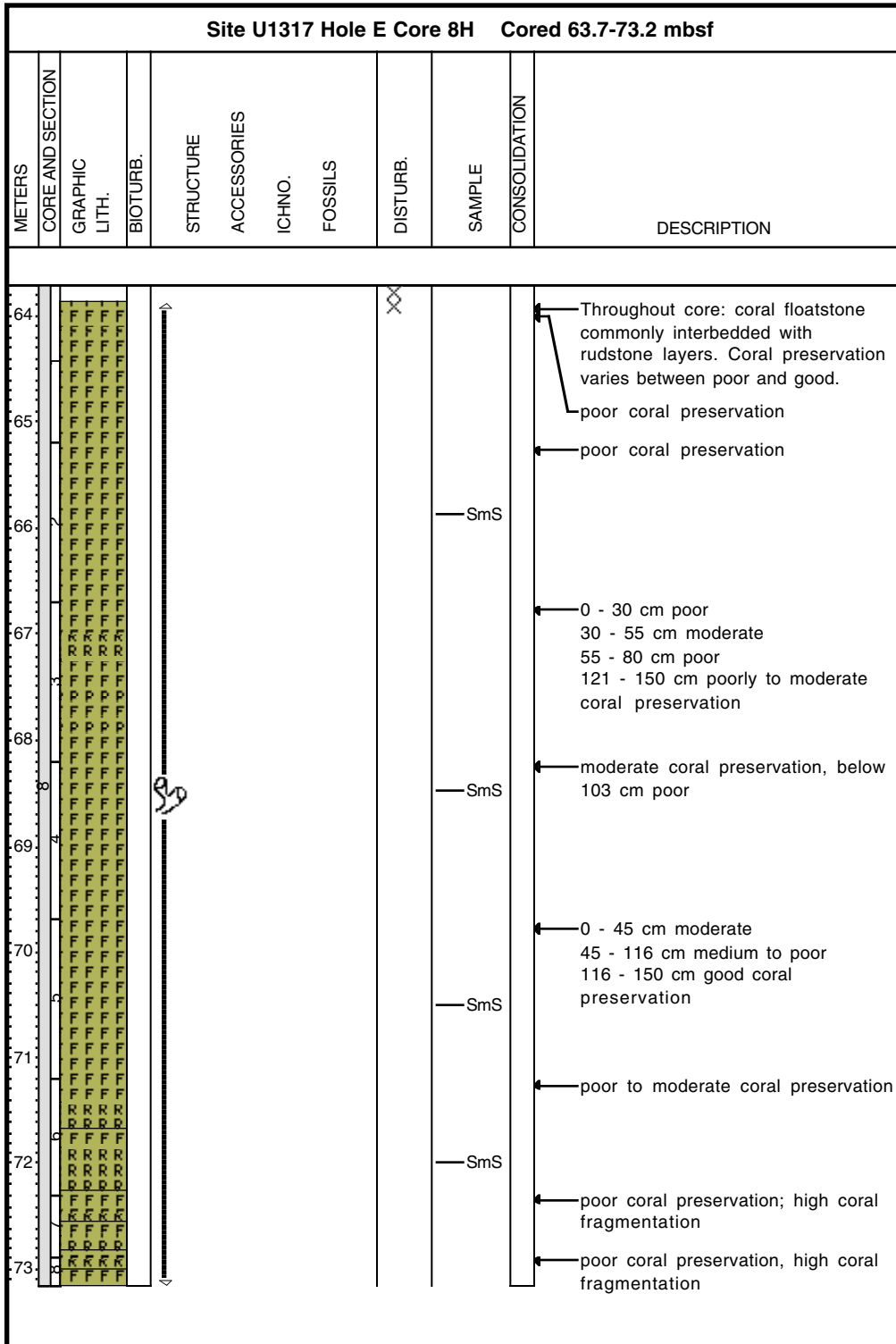


Core Photo

Site U1317 Hole E Core 7H Cored 54.2-63.7 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
55		F F F F F							SmS		Throughout core: alteration of dominantly coral floatstone with rudstone intervals. Coral preservation varies between good and poor.
56		F F F F F									good coral preservation, nearly no fragmentation
57		F F F F F									moderate to good coral preservation
58		F F F F F									good coral preservation, below 123 cm moderate: 123 - 131 cm high coral fragmentation
59		F F F F F							SmS		0 - 24 cm moderate to poor coral preservation 24 - 92 cm good coral preservation, no fragmentation 92 - 150 cm moderate coral preservation, moderate to high fragmentation
60		F F F F F									0 - 12 cm good coral preservation 12 - 102 cm moderate coral preservation 102 - bottom good coral preservation
61		F F F F F									good coral preservation, between 40 and 110 cm moderate
62		F F F F F							SmS		
63		F F F F F							SmS		poor coral preservation

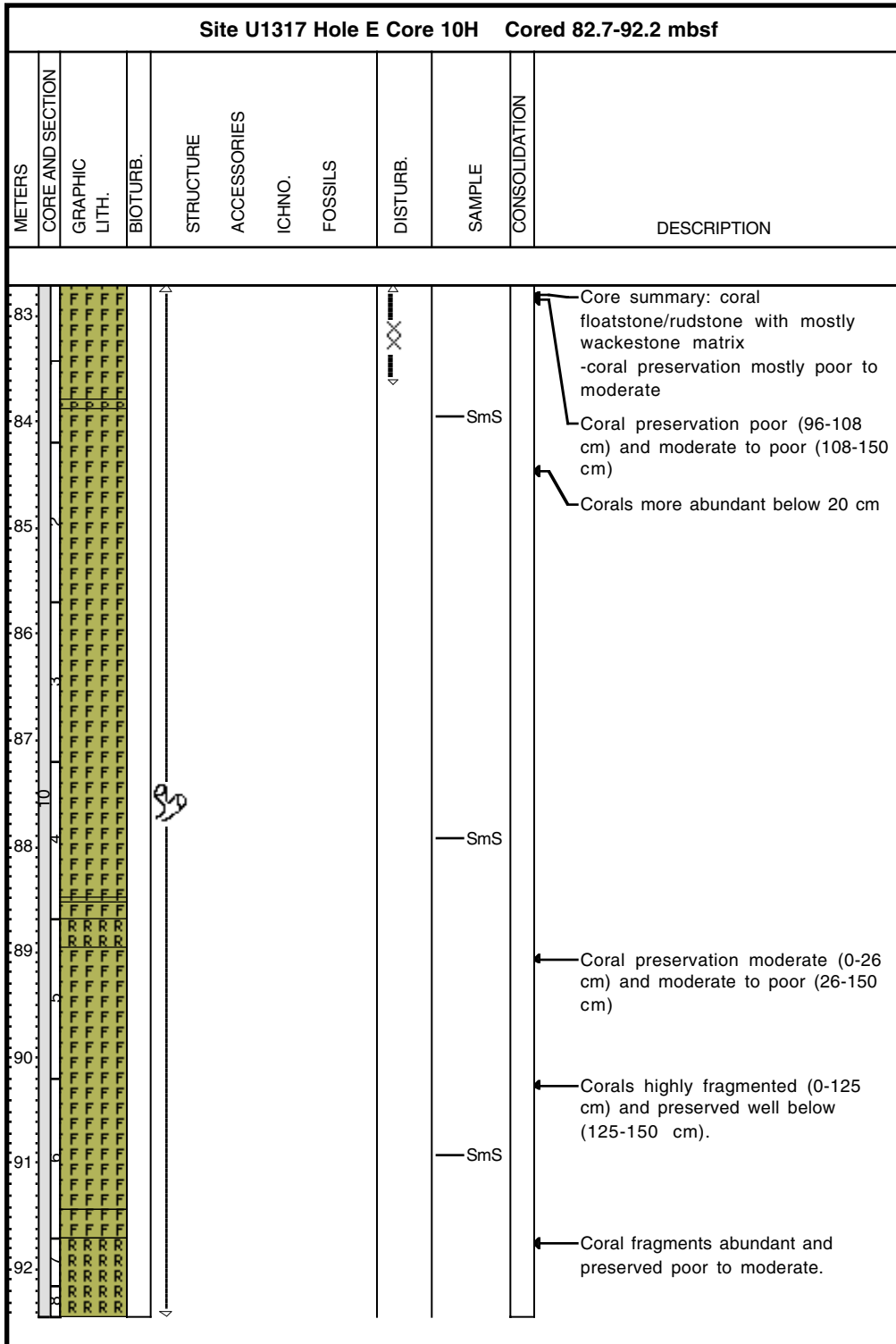


### Core Photo





## Core Photo

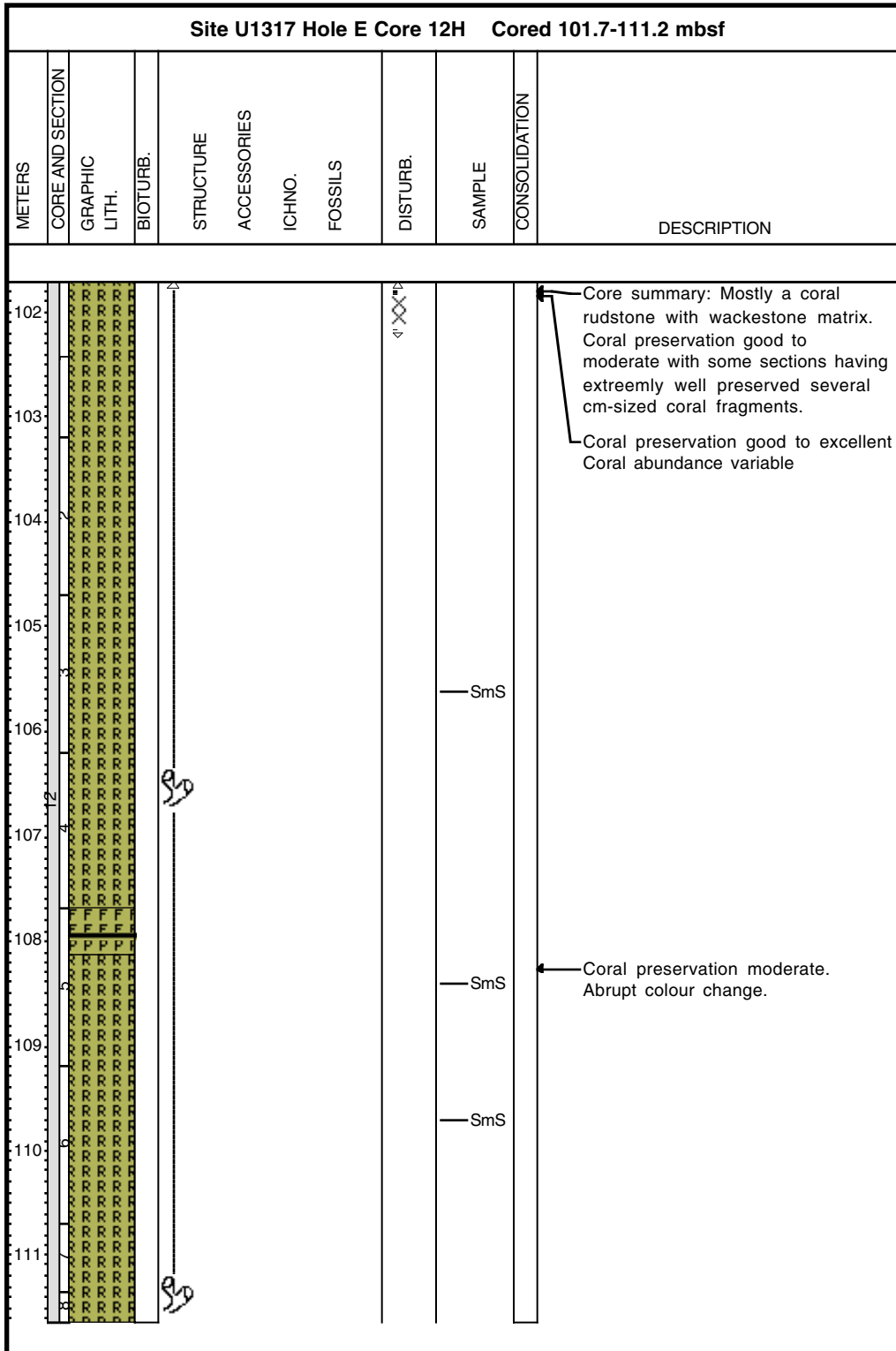


### Core Photo

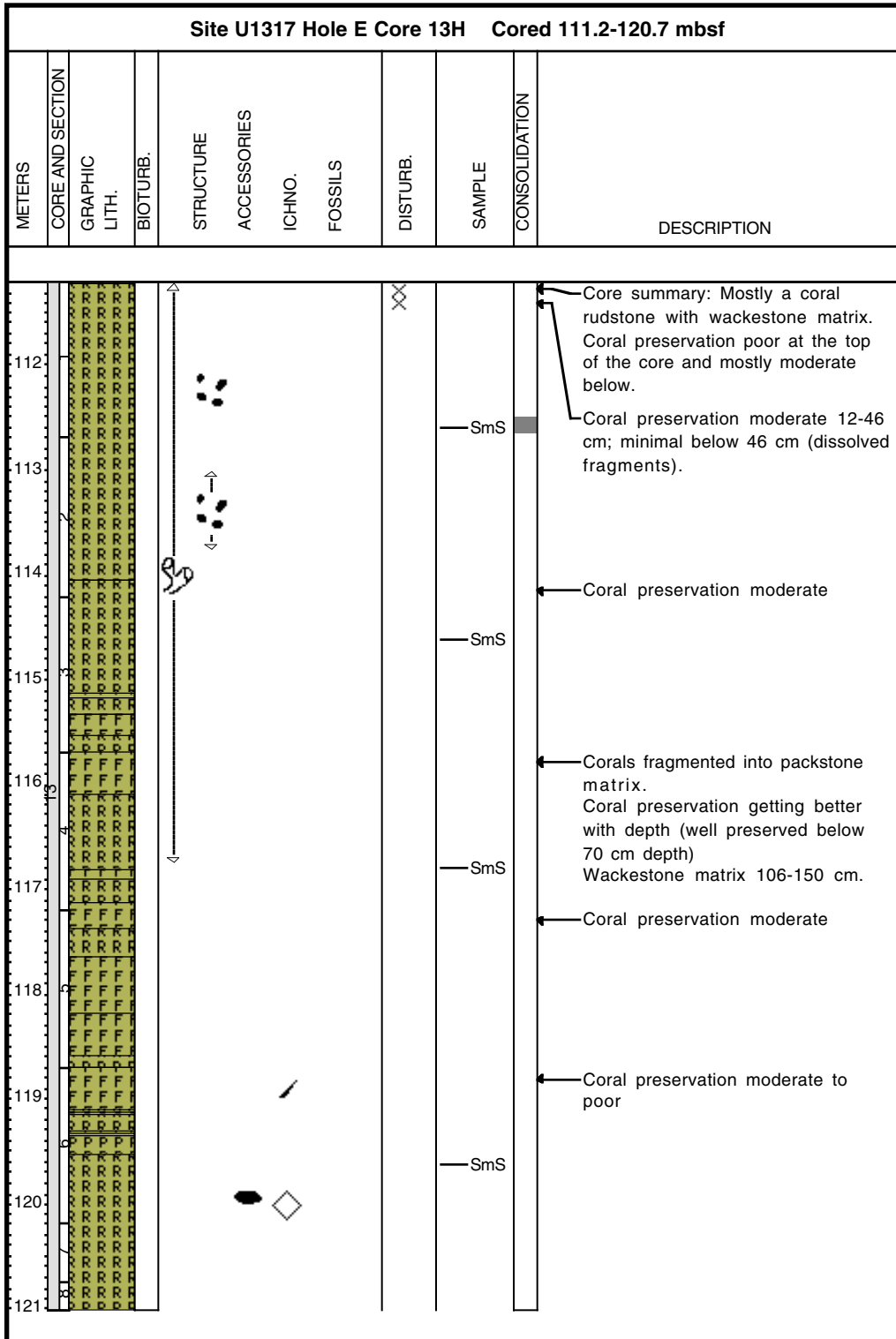
Site U1317 Hole E Core 11H Cored 92.2-101.7 mbsf										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
94	2	[Pattern]								Core summary: coral rudstone with floatstone intervals Coral preservation moderate to good (almost no fragmentation)
95		[Pattern]					XXX			Coral abundance variable
96	3	[Pattern]								
97	4	[Pattern]								
98		[Pattern]								
99	5	[Pattern]						SmS		Coral preservation good but getting slightly more degraded and fragmented with depth (moderate to good)
100	6	[Pattern]								
101		[Pattern]								
102	8	[Pattern]						SmS		Coral preservation moderate to good



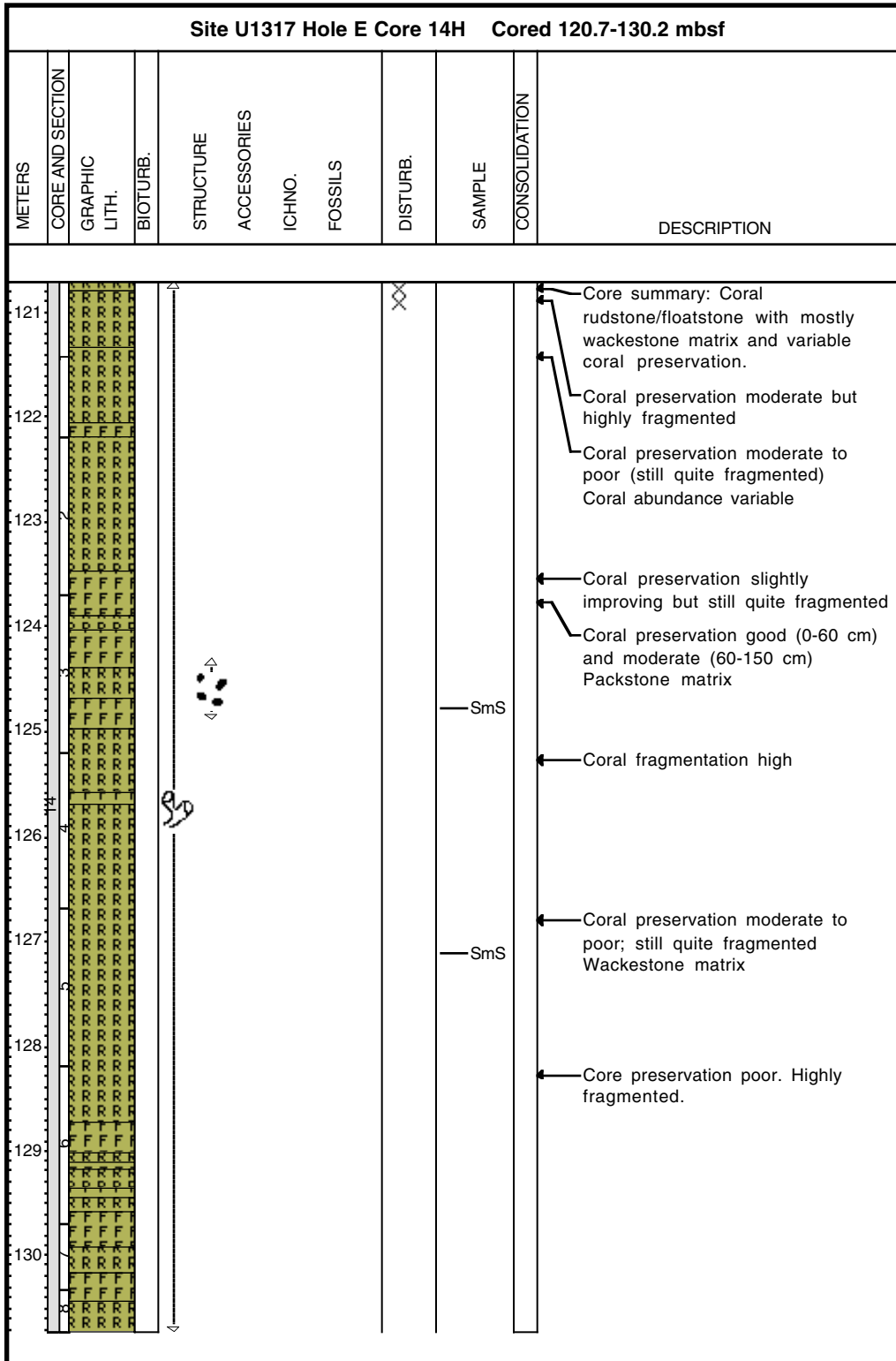
### Core Photo



### Core Photo

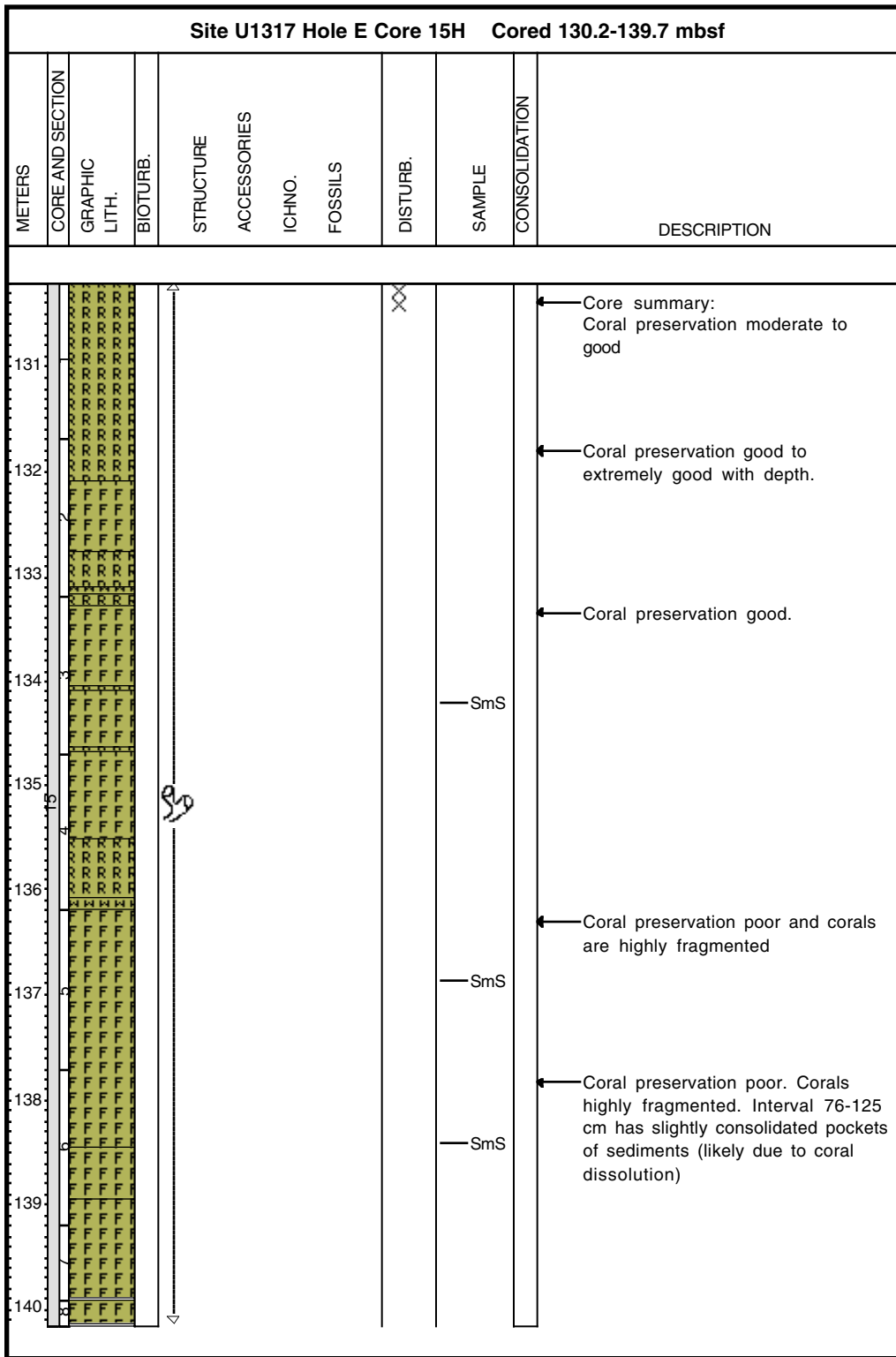


### Core Photo





### Core Photo



Core Photo

Site U1317 Hole E Core 16H Cored 139.7-149.2 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE CONSOLIDATION	DESCRIPTION
140		F F F F F F F F F F					XX		<p>Core summary: Coral floatstone/rudstone with wackestone matrix. Coral preservation and fragmentation highly variable</p> <p>← coral preservation poor (corals quite dissolved) with packstone matrix (0-108 cm)</p> <p>← abrupt change at 108 cm (coral preservation moderate; wackestone matrix)</p> <p>← Coral preservation good</p> <p>← Coral preservation good (0-58 cm; 88-150 cm), moderate (58-88 cm) Packstone matrix</p> <p>← Coral preservation and matrix alternating between moderate and moderately poor, and packstone and wackestone, respectively.</p> <p>← Coral preservation moderate and poor to moderate (50-94 cm) Matrix (wackestone/packstone) and coral fragmentation (high/moderate) changing throughout the section</p> <p>← Core preservation and fragmentation moderate (0-47 cm); poor and high (47-80 cm)</p>
141		F F F F F F F F F F						SmS	
142		F F F F F F F F F F							
143		F F F F F F F F F F							
144		F F F F F F F F F F							
145		F F F F F F F F F F						SmS	
146		F F F F F F F F F F							
147		F F F F F F F F F F							
148		F F F F F F F F F F							
149		F F F F F F F F F F							



### Core Photo

Site U1317 Hole E Core 17H Cored 149.2-155.3 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	CONSOLIDATION	DESCRIPTION
150		RRRR						XX	SmS		Core summary: "The mound-base core" (Coral rudstone/floatstone on top, clayey silt mudstone on the bottom) Coral preservation moderate to poor with variable matrix.
151		RRRR									Coral preservation poor and corals highly fragmented
152		RRRR									Coral fragmentation decreasing. Sandy wackestone matrix 0-27 cm and 108-150 cm
153		RRRR									Poor coral preservation and high coral fragmentation (0-46 cm); poor coral preservation and no fragmentation (44-90 cm); intraformational brecciated interval (90-100 cm); poor to moderate preservation and moderate coral fragmentation (100-150 cm)
154		RRRR									Poor coral preservation (0-99 cm); moderate (99-133 cm) High coral fragmentation (60-65 cm)
155		RRRR							SmS		Intraformational brecciated (65-99 cm) Coral preservation poor and highly fragmented. Coral abundance decreasing with depth towards the base of the mound; below is silty mudstone.



## Core Photo

U1317E-18H No barrel sheet produced for this core



