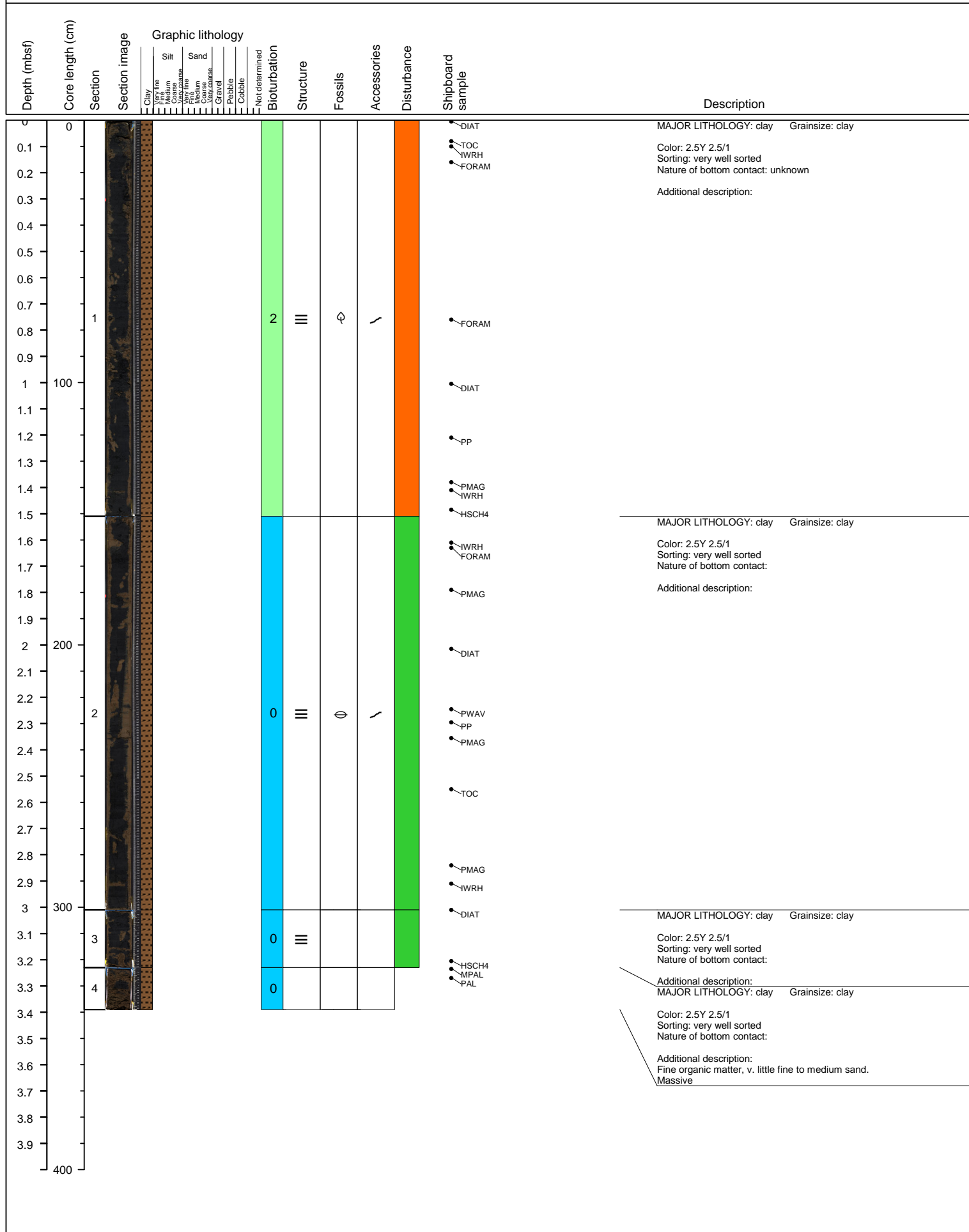
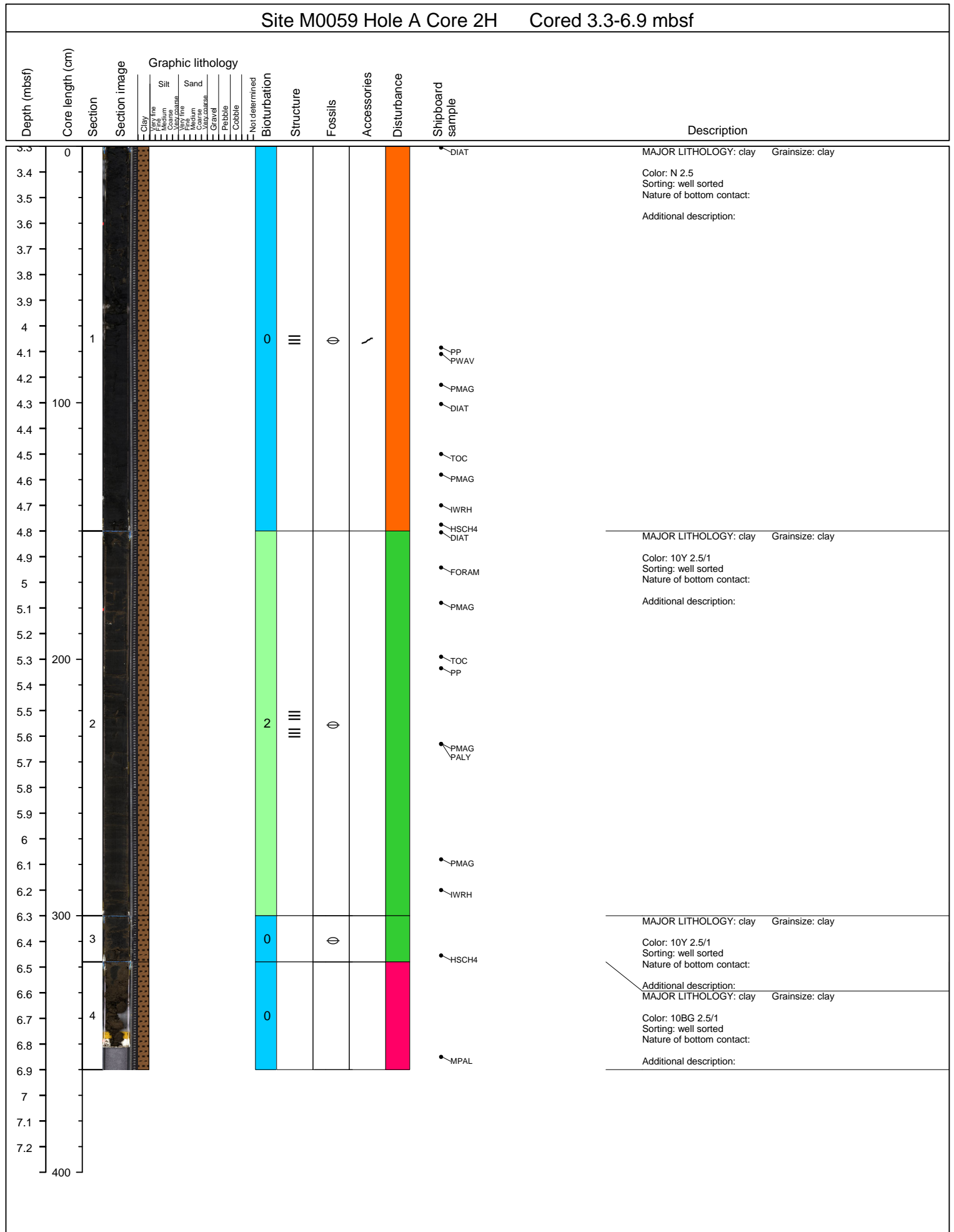
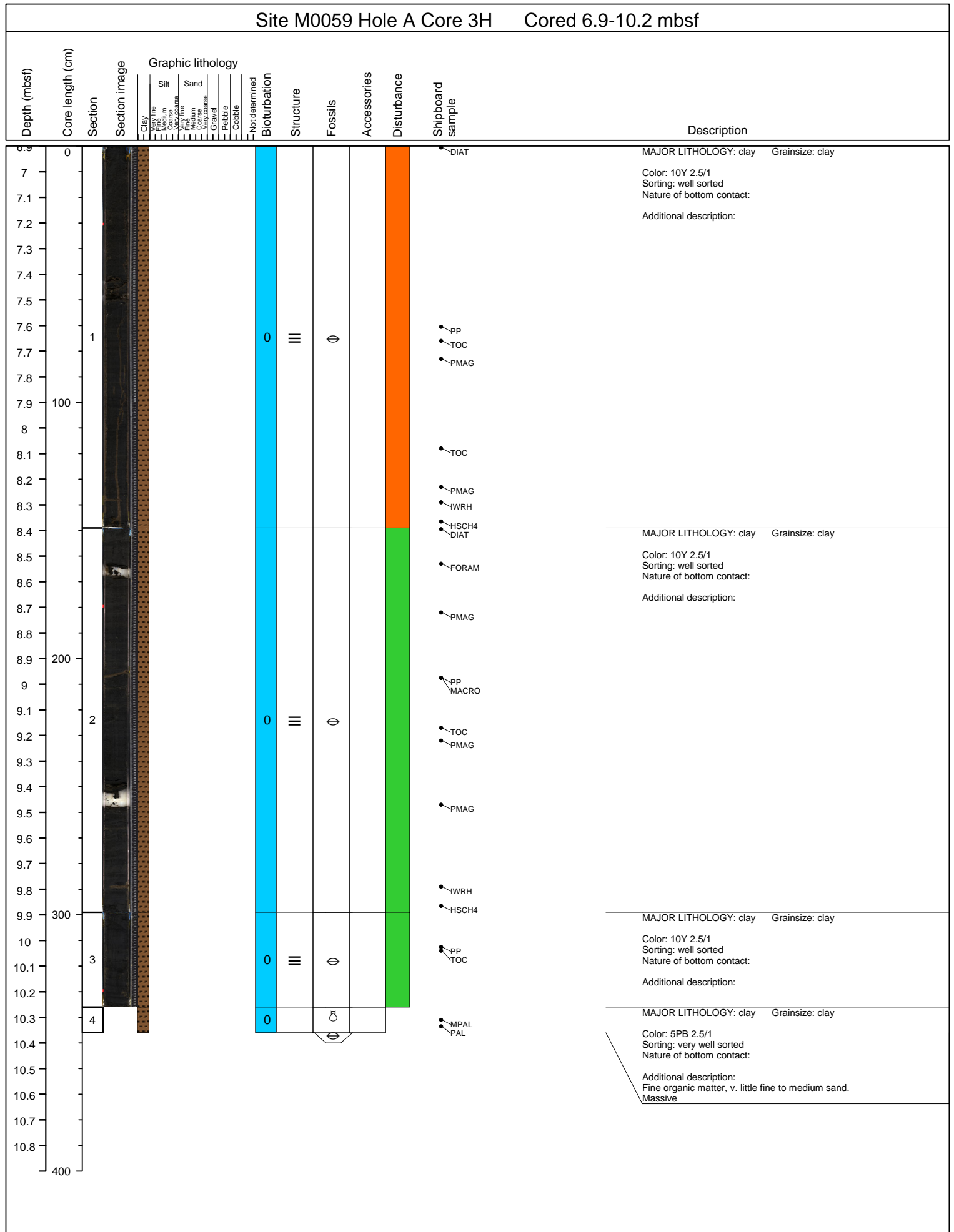


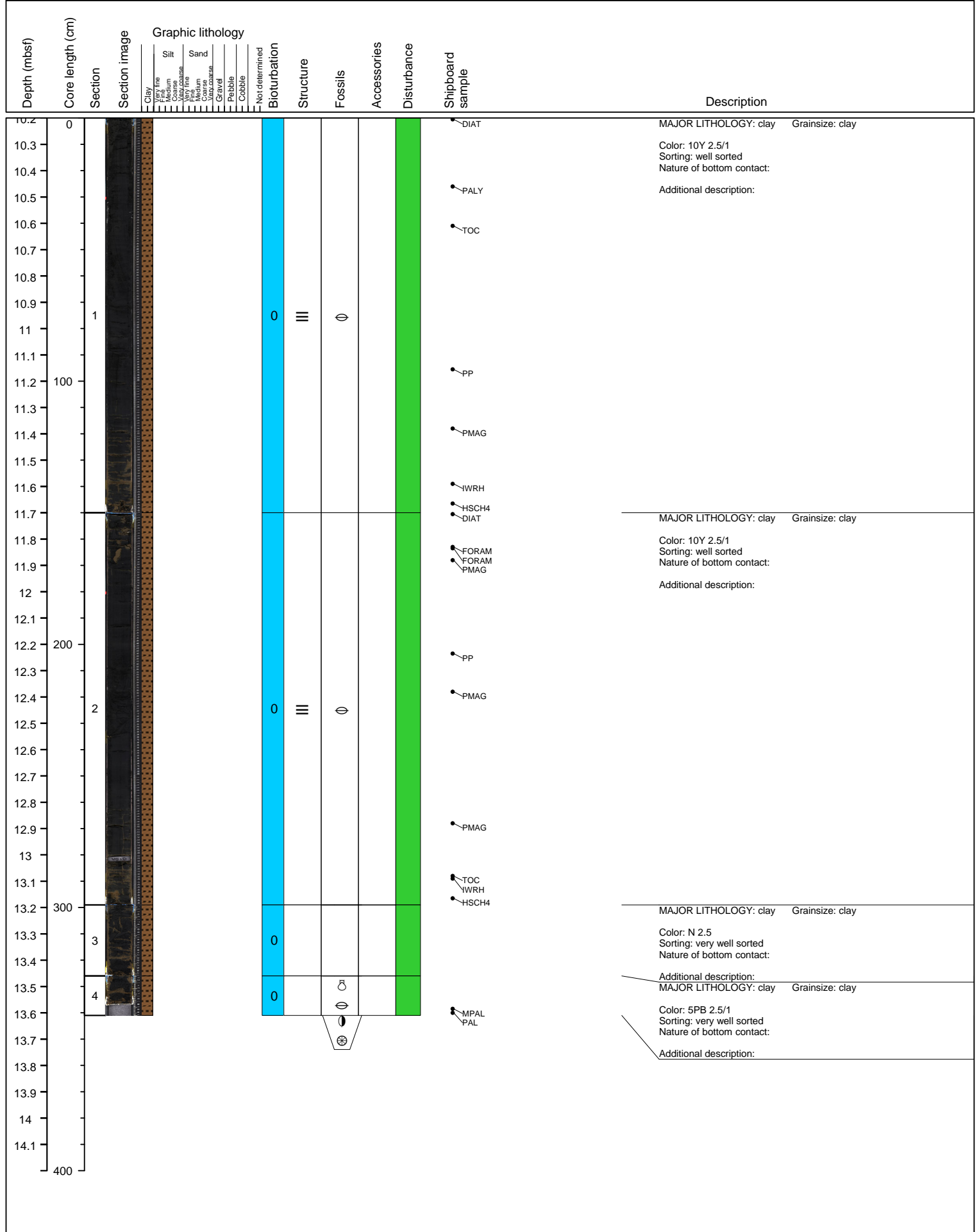
Site M0059 Hole A Core 1H Cored 0-3.3 mbsf





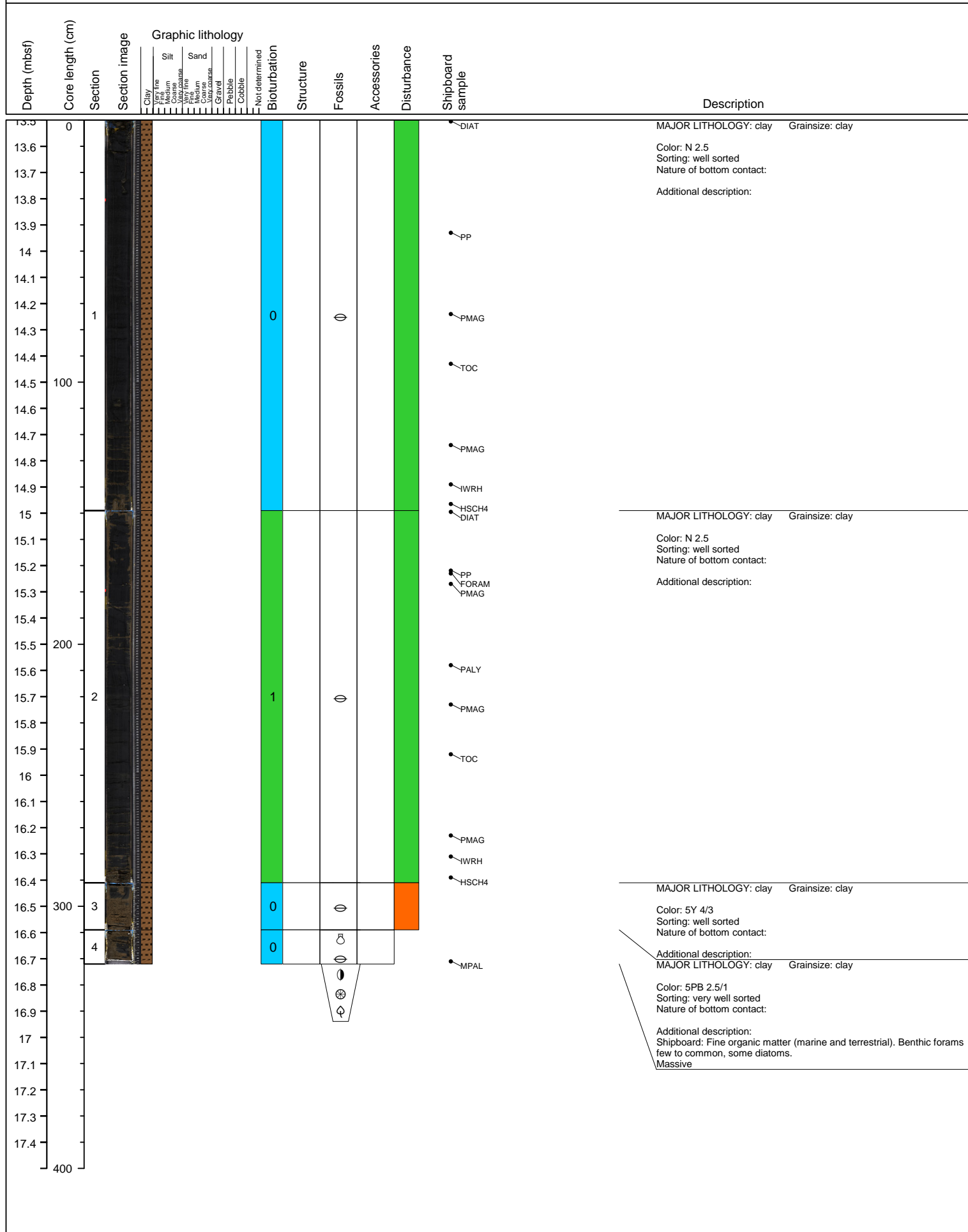


Site M0059 Hole A Core 4H Cored 10.2-13.5 mbsf

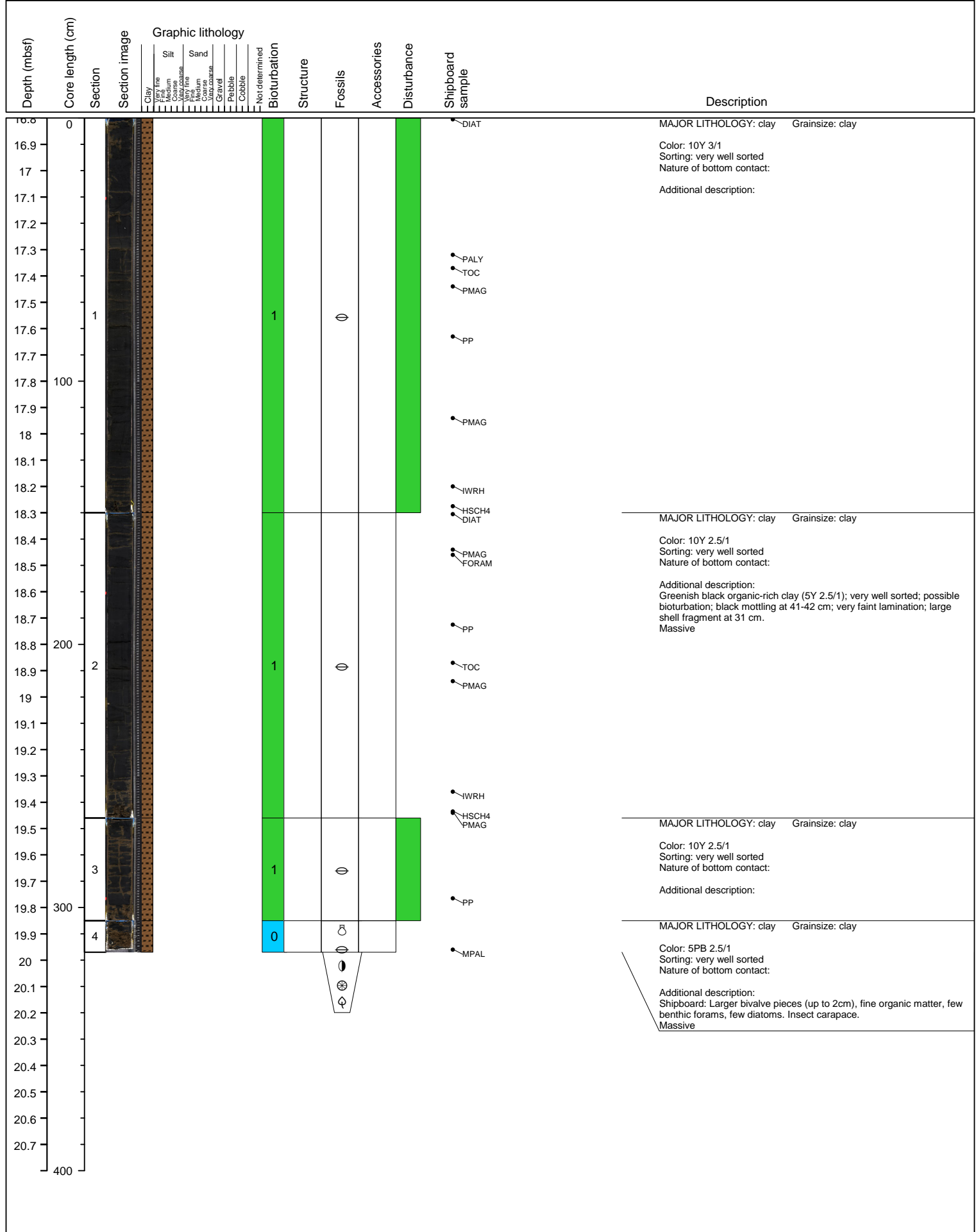




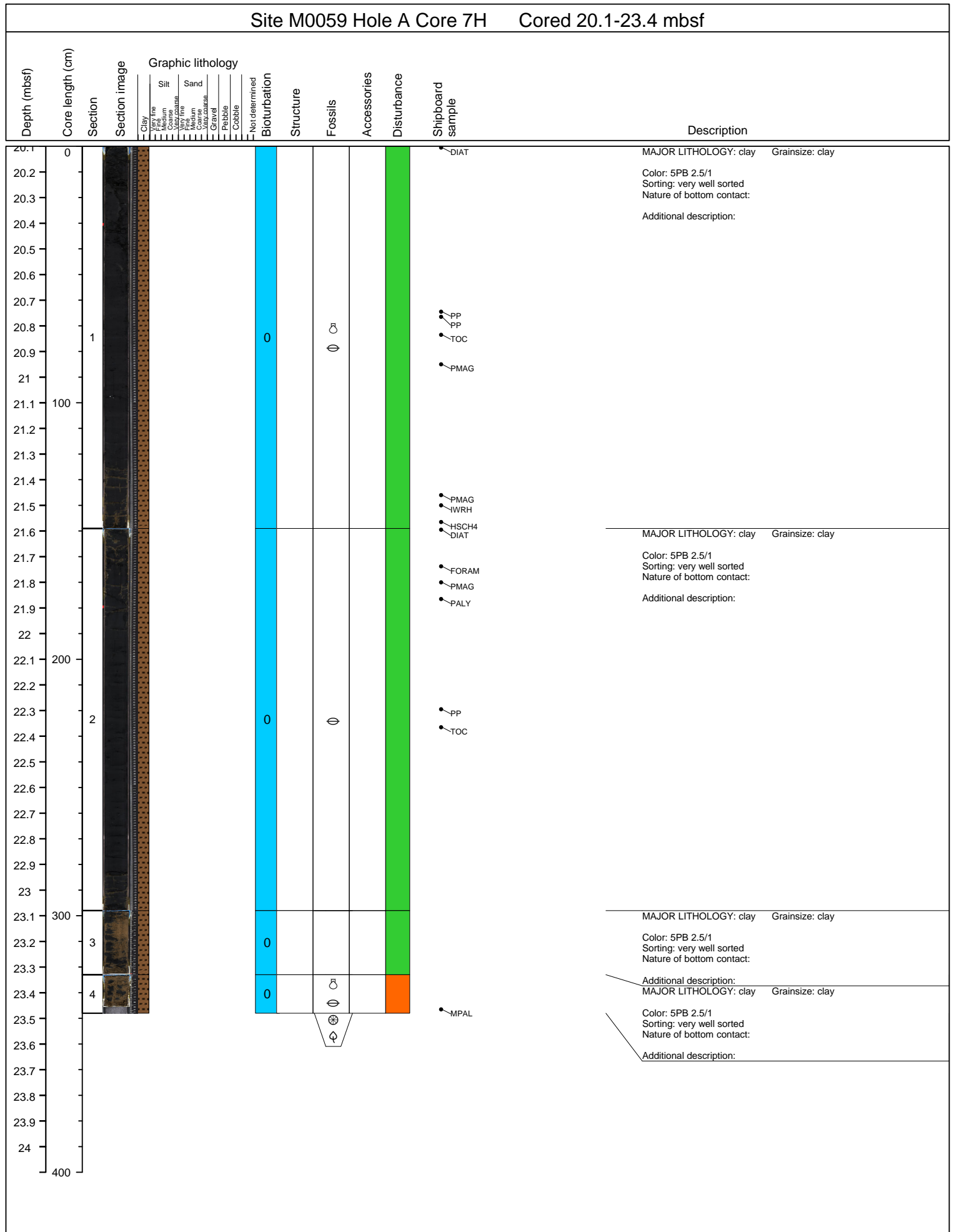
Site M0059 Hole A Core 5H Cored 13.5-16.8 mbsf



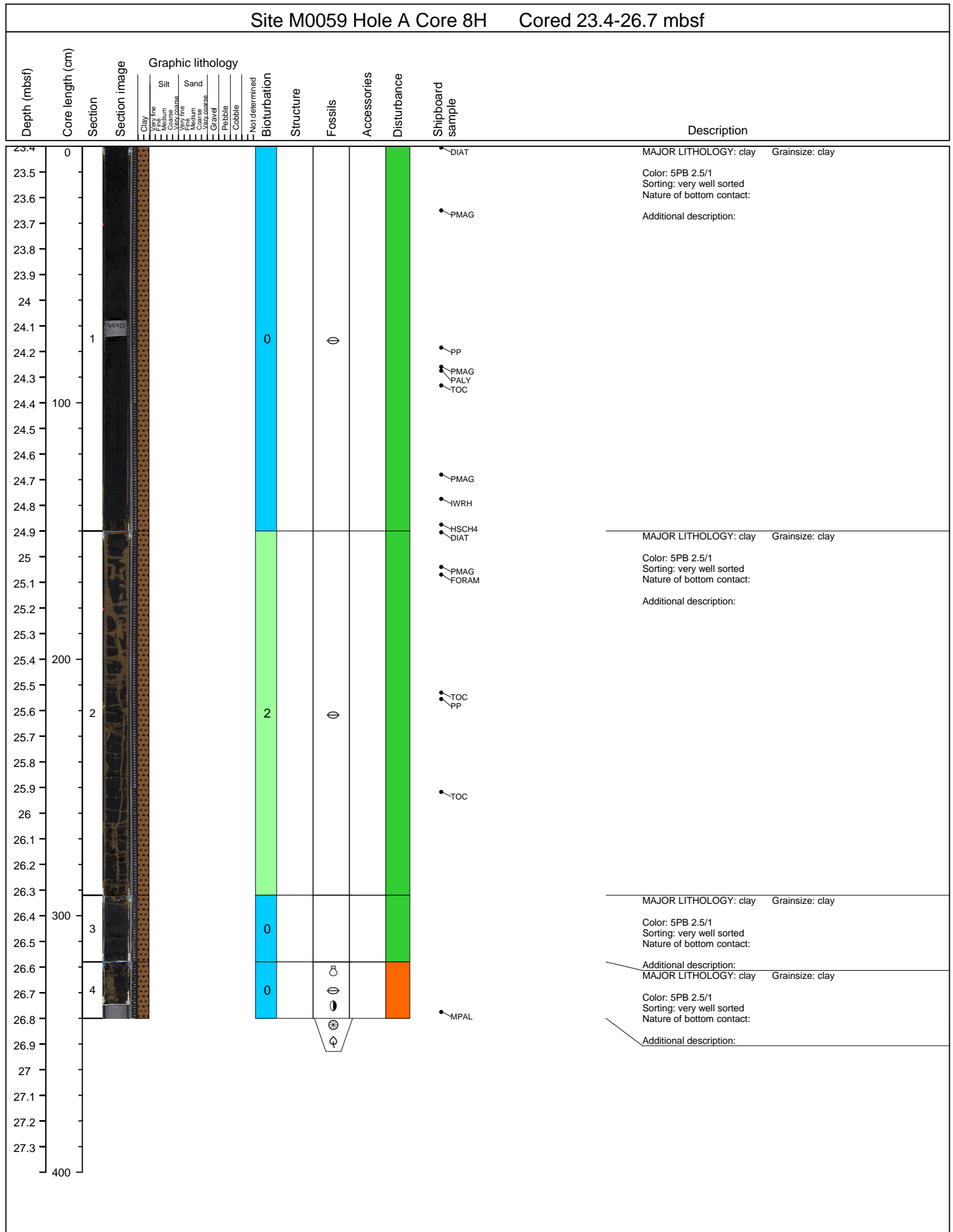
Site M0059 Hole A Core 6H Cored 16.8-20.1 mbsf

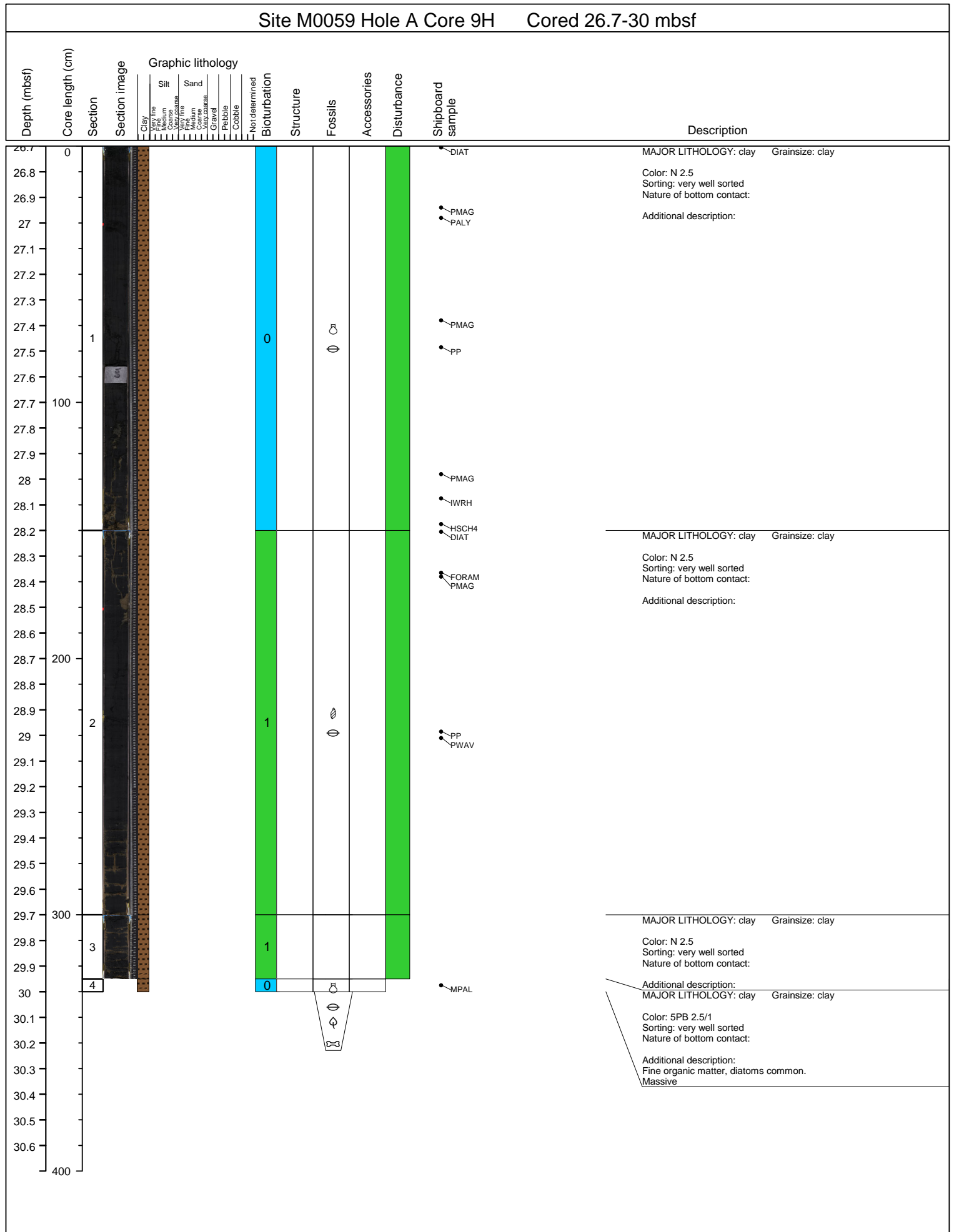


Site M0059 Hole A Core 7H Cored 20.1-23.4 mbsf

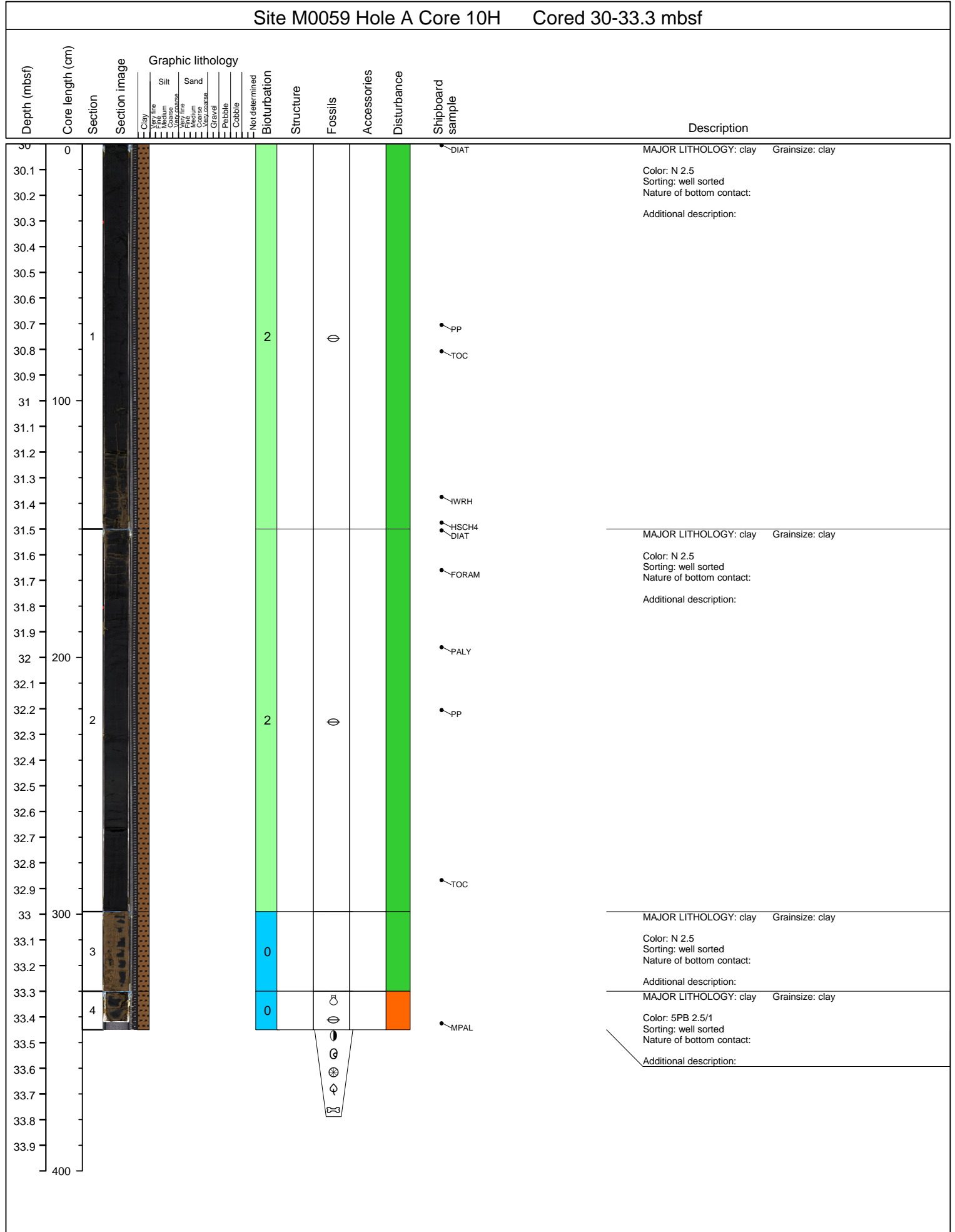


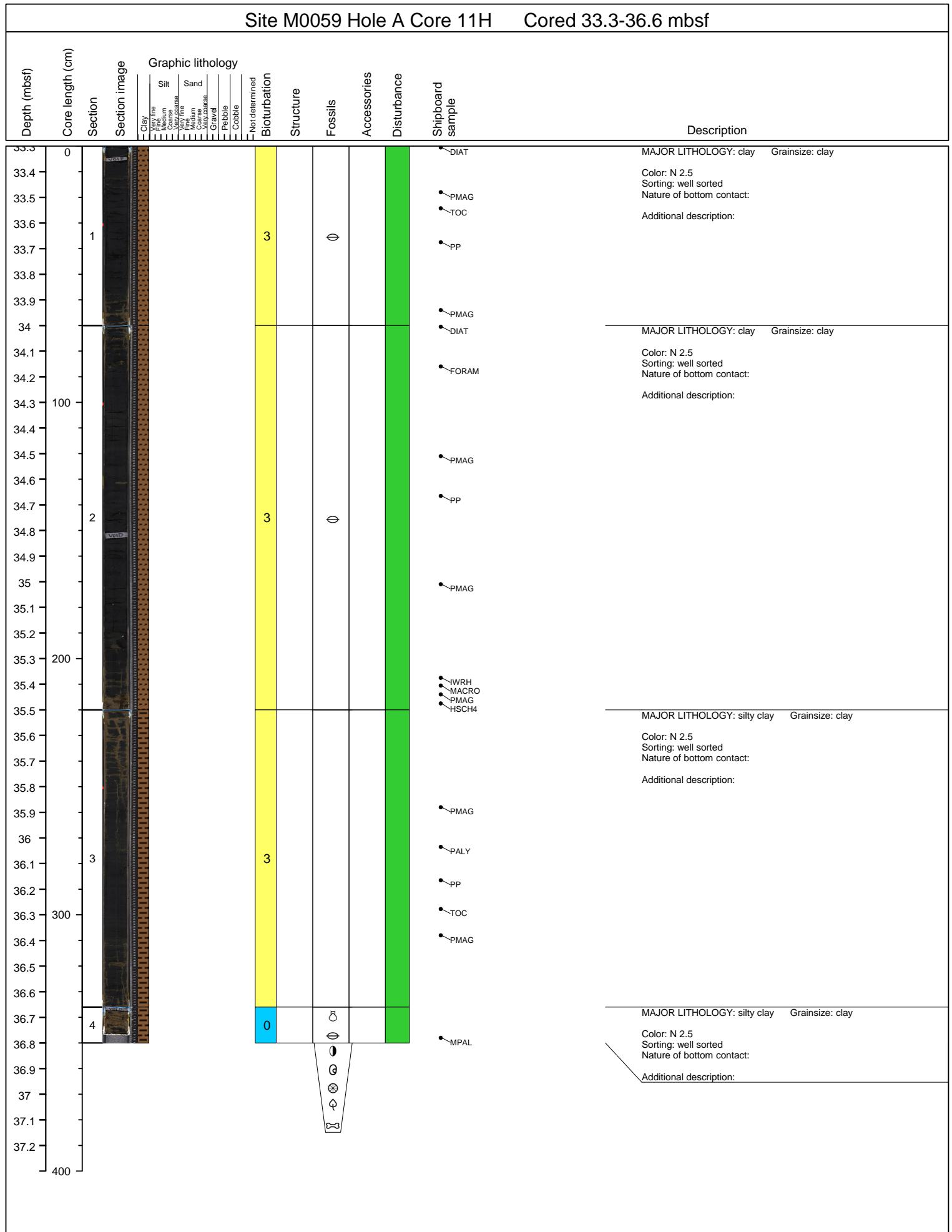
Site M0059 Hole A Core 8H Cored 23.4-26.7 mbsf



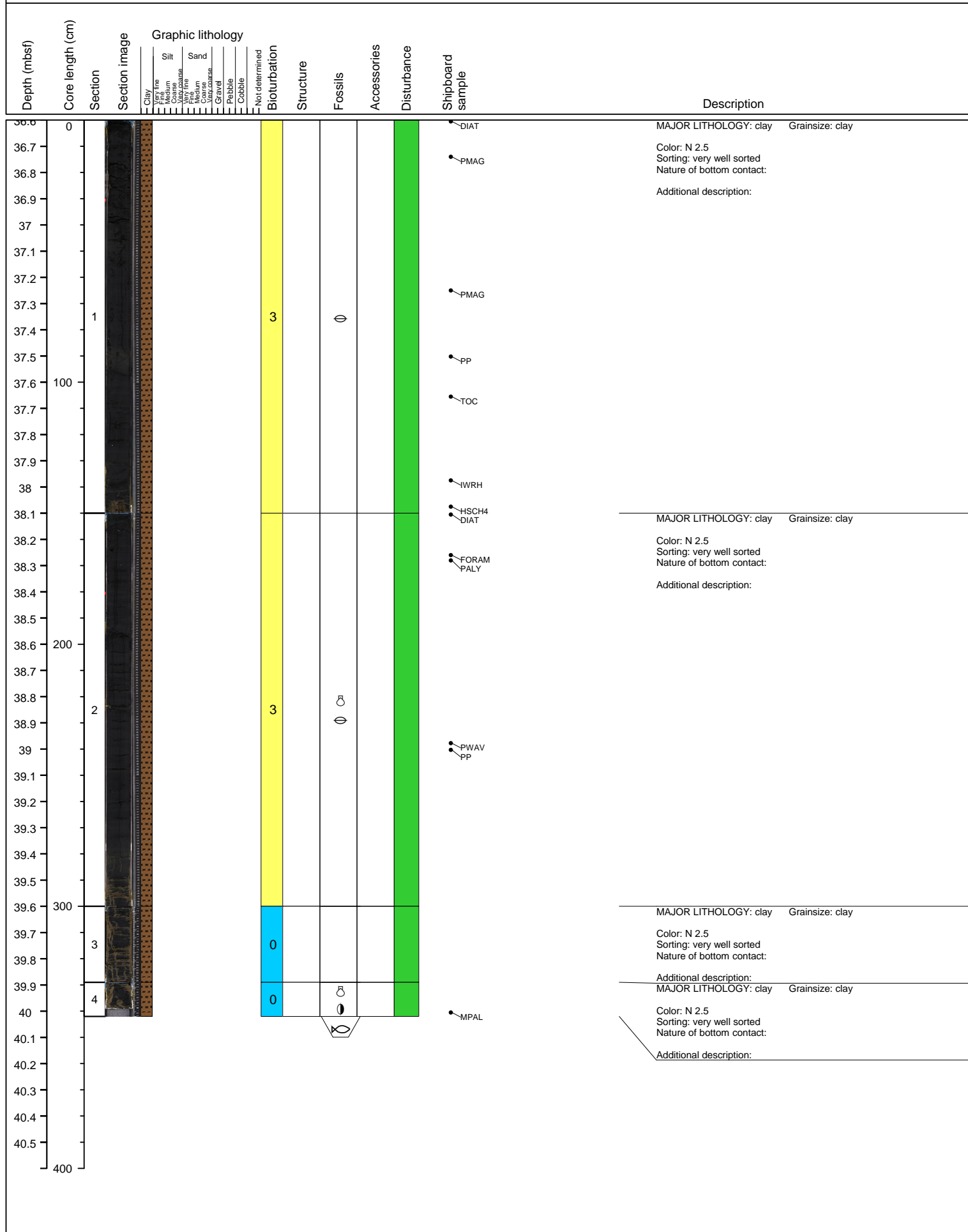


Site M0059 Hole A Core 10H Cored 30-33.3 mbsf

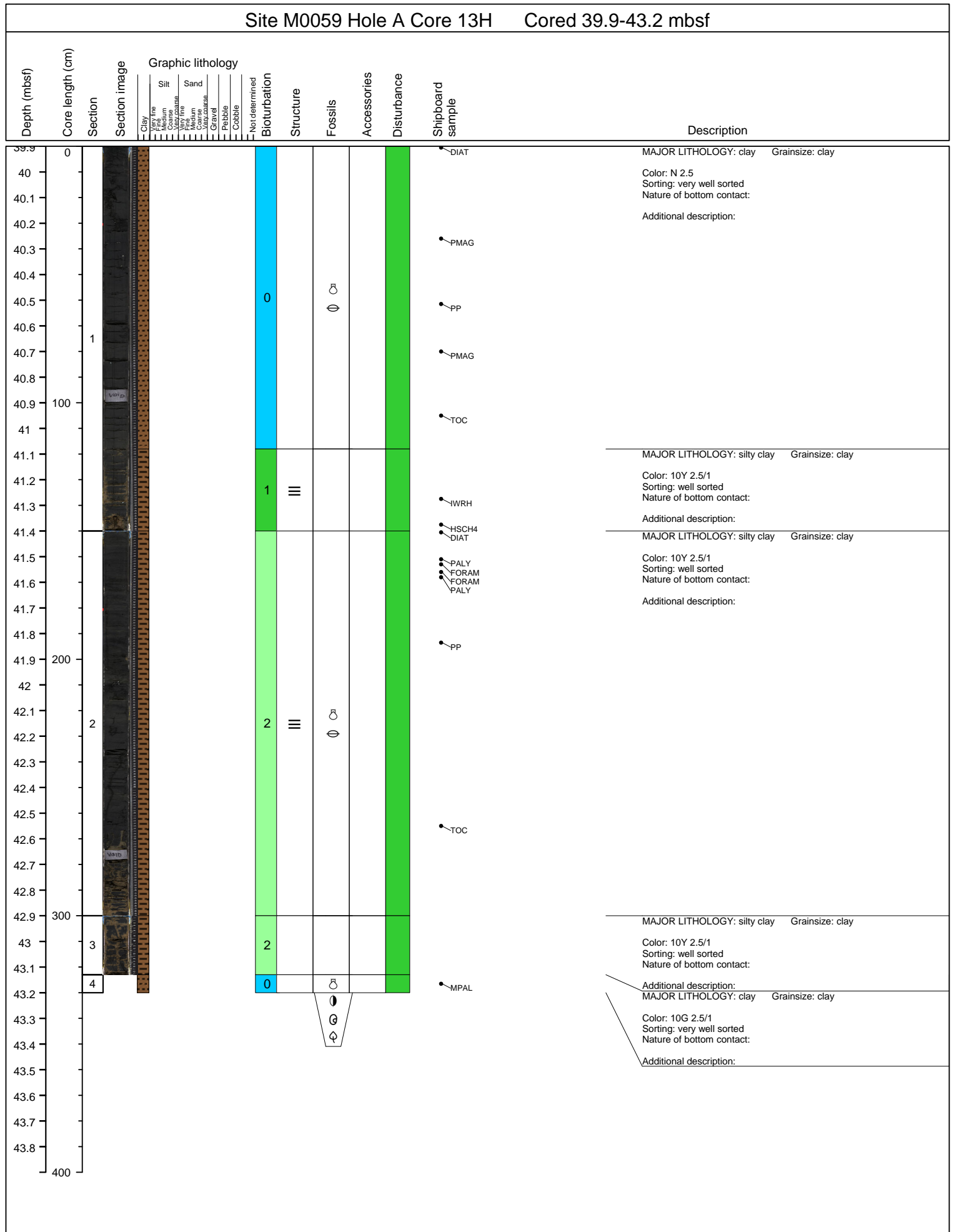




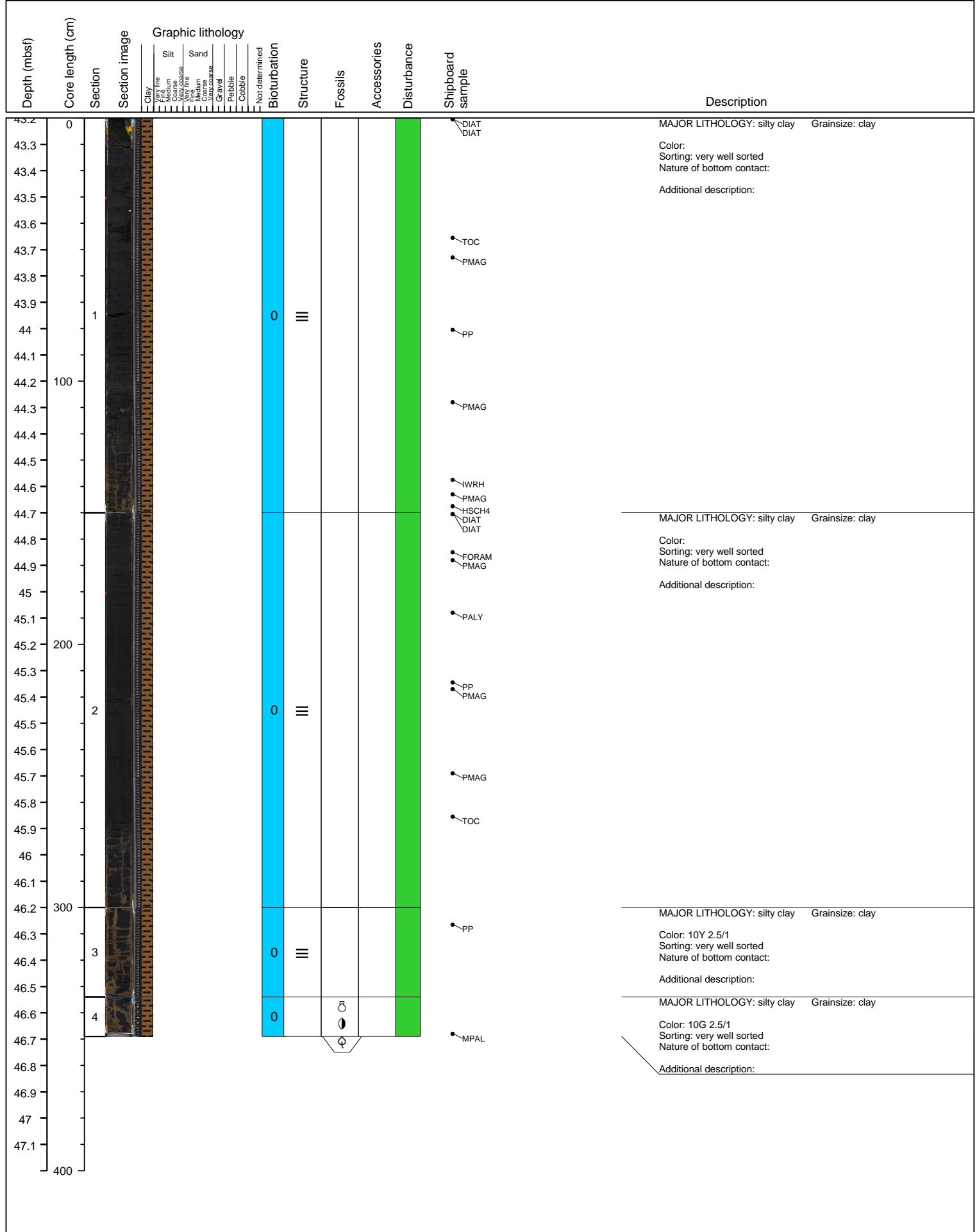
Site M0059 Hole A Core 12H Cored 36.6-39.9 mbsf



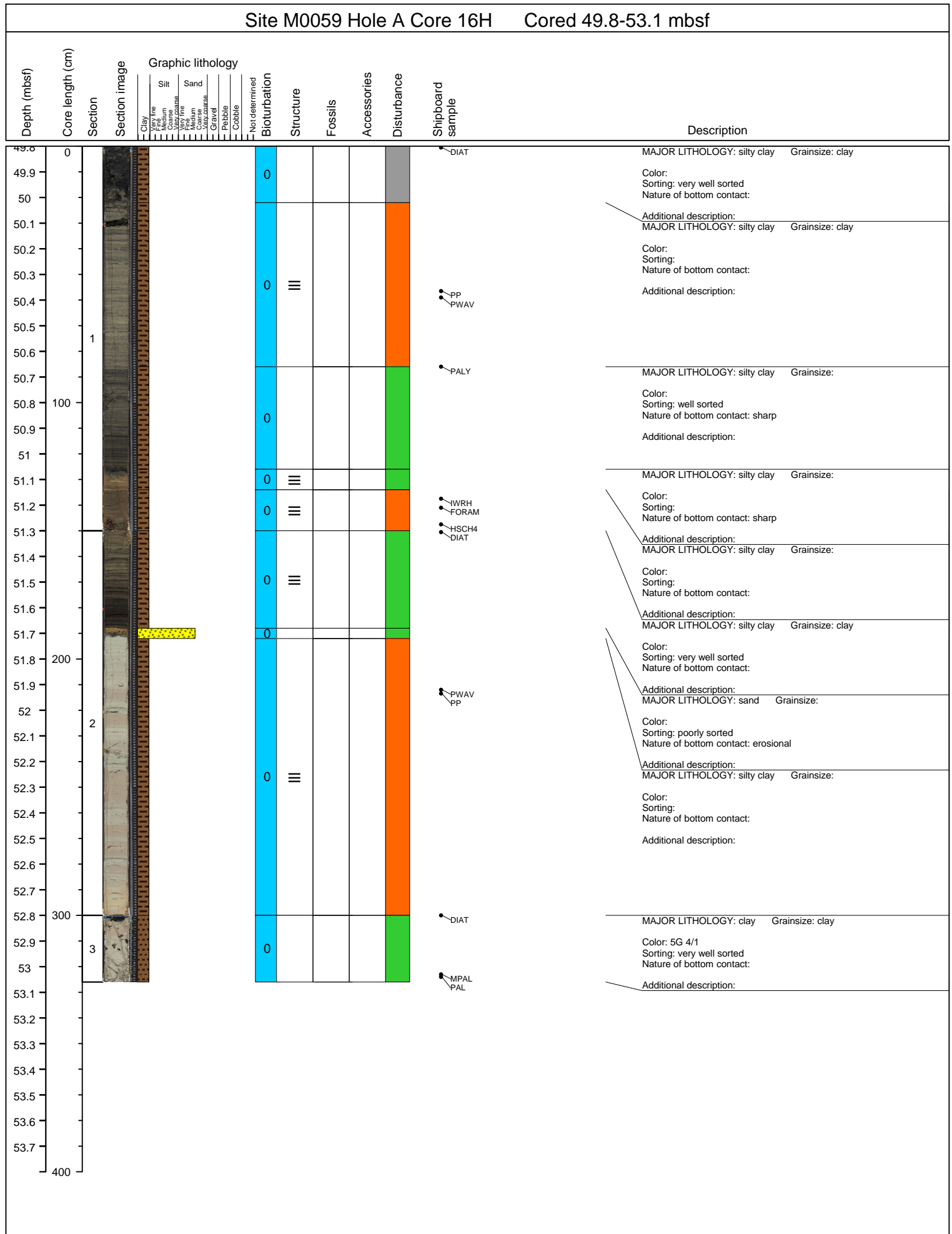




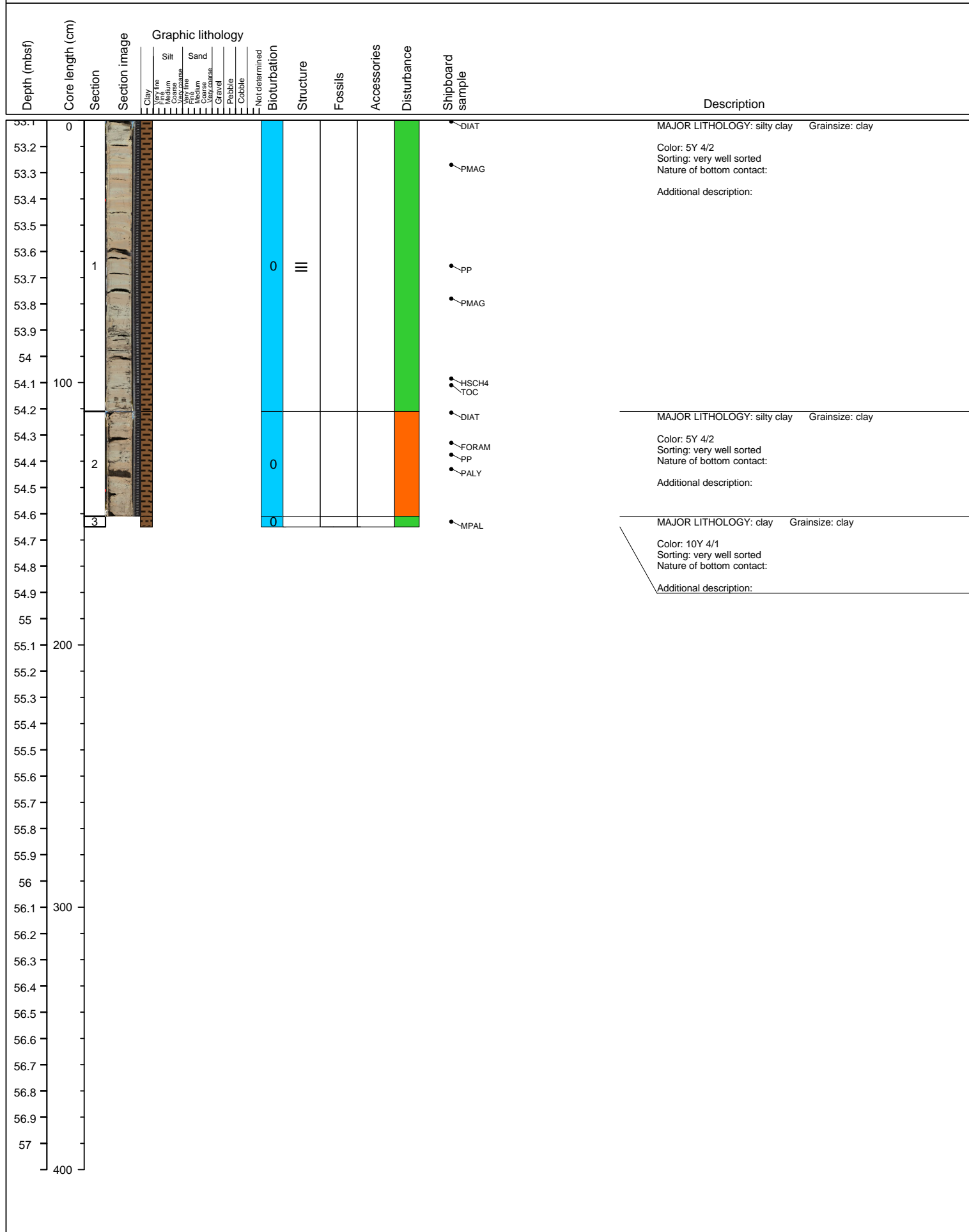
Site M0059 Hole A Core 14H Cored 43.2-46.5 mbsf



Site M0059 Hole A Core 15H Cored 46.5-49.8 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology							Shipboard sample	Description		
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories			Disturbance	
				Very fine	Medium	Very fine	Medium	Very coarse	Gravel	Pebble	Cobble			
46.5	0												DIAT	MAJOR LITHOLOGY: clay Grainsize:
46.6													PMAG	Color: 5GY 2.5/1 Sorting: very well sorted Nature of bottom contact:
46.7														Additional description:
46.8														MAJOR LITHOLOGY: silty clay Grainsize:
46.9														Color: N 2.5 Sorting: Nature of bottom contact:
47													PWAV PP	Additional description:
47.1													PMAG	MAJOR LITHOLOGY: silty clay Grainsize:
47.2														Color: 10Y 2.5/1 Sorting: Nature of bottom contact:
47.3	1													Additional description:
47.4														
47.5	100													
47.6														
47.7														
47.8													PMAG	
47.9													IWRH	
48													HSC4 DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay
48.1														Color: N 3 Sorting: very well sorted Nature of bottom contact:
48.2													FORAM PMAG	Additional description:
48.3														
48.4														
48.5	200												TOC	
48.6													PP	
48.7														
48.8	2												PMAG	
48.9														
49														
49.1														
49.2													PALY	
49.3														
49.4													PMAG	
49.5	300													MAJOR LITHOLOGY: silty clay Grainsize: clay
49.6														Color: 5GY 2.5/1 Sorting: very poorly sorted Nature of bottom contact:
49.7	3												PMAG	Additional description:
49.8													PP	
49.9														MAJOR LITHOLOGY: clay Grainsize: clay
50	4												MPAL	Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact:
50.1														Additional description:
50.2														
50.3														
50.4														
	400													



Site M0059 Hole A Core 17H Cored 53.1-55.3 mbsf



Site M0059 Hole A Core 18H Cored 55.3-58.6 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology								Shipboard sample	Description	
				Clay	Silt	Sand	Not determined	Bioturbation	Structure	Fossils	Accessories			Disturbance
55.3	0												DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 2.5Y 6/1 Sorting: very well sorted Nature of bottom contact: Additional description:
55.4													PMAG	
55.5													PMAG	
55.6													PMAG	
55.7													PP	
55.8													PMAG	
55.9													IWRH	
56	1												HSC4 DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 10YR 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
56.1													FORAM PMAG	
56.2														
56.3	100													
56.4														
56.5														
56.6														
56.7														
56.8														
56.9														
57														
57.1														
57.2														
57.3	200													
57.4														
57.5														
57.6	2													
57.7														
57.8														
57.9														
58														
58.1														
58.2														
58.3	300													
58.4														
58.5	3													
58.6														
58.7														
58.8	4													
58.9														
59														
59.1														
59.2	400													

Site M0059 Hole A Core 19H Cored 58.6-61.9 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description			
				Clay	Very fine Silt	Medium Silt	Very coarse Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble	Cobble								Not determined		
58.6	0																				MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 10YR 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:		
58.7																							
58.8																							
58.9																							
59.1																							
59.2																				PP			
59.3																				PMAG			
59.4	1																						
59.5																							
59.6	100																						
59.7																							
59.8																				PMAG			
59.9																							
60																				IWRH			
60.1																				HSCH4			
60.2																						MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 10YR 6/1 Sorting: very well sorted Nature of bottom contact: Additional description:	
60.3																				PALY			
60.4																				FORAM			
60.5																				PMAG			
60.6																				TOC			
60.7	200																						
60.8																							
60.9	2																						
61																							
61.1																				PP			
61.2																							
61.3																							
61.4																							
61.5																							
61.6	300																						
61.7	3																					MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 10YR 5/2 Sorting: very well sorted Nature of bottom contact: Additional description:	
61.8																							
61.9																				MPAL			
62																							
62.1																							
62.2																							
62.3																							
62.4																							
62.5																							
	400																						

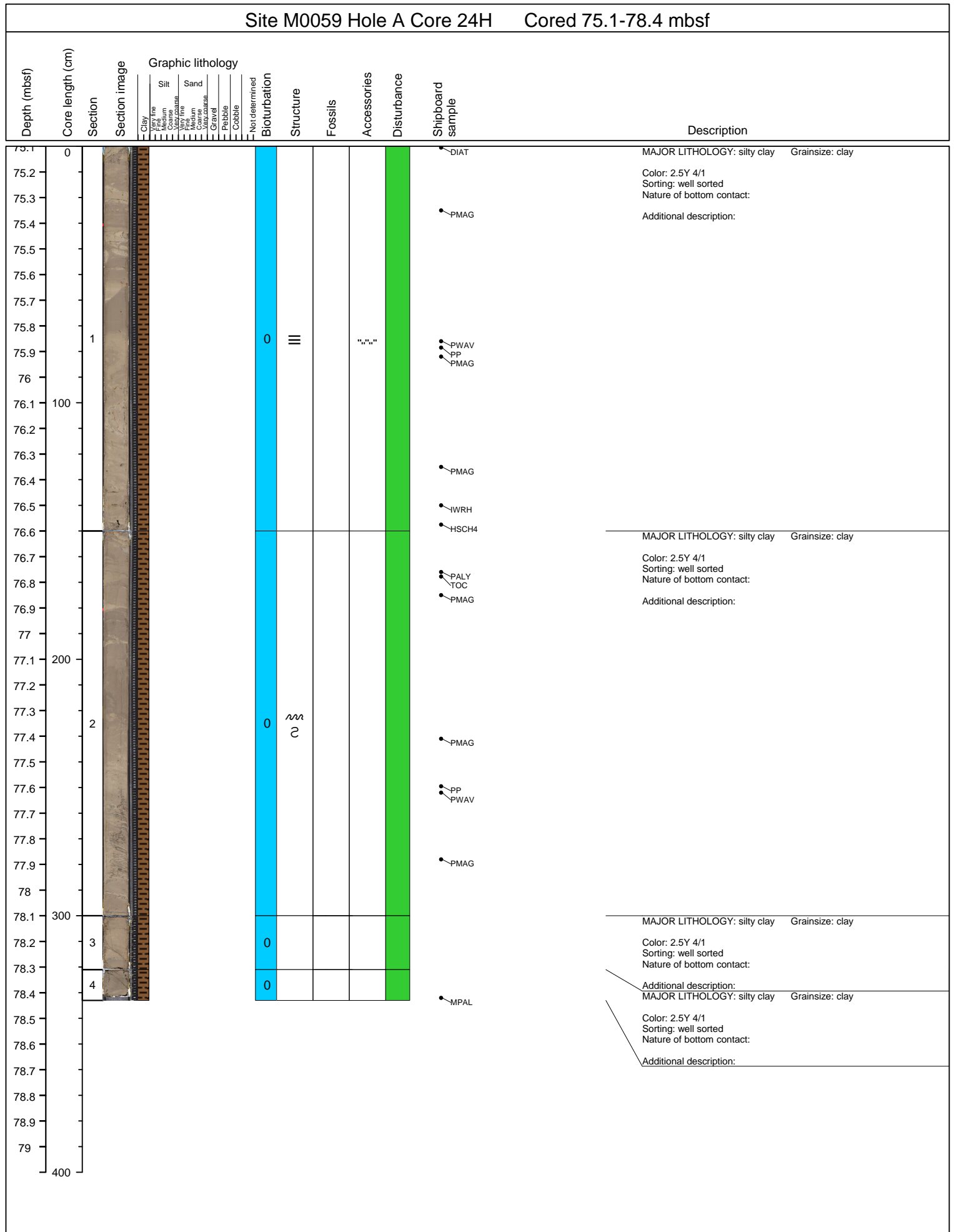
Site M0059 Hole A Core 20H Cored 61.9-65.2 mbsf															
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology				Shipboard sample	Description						
				Clay	Silt	Sand	Not determined	Biurbation	Structure	Fossils	Accessories	Disturbance			
				Very fine	Very fine	Very fine									
				Medium	Medium	Medium									
				Coarse	Coarse	Coarse									
				Very coarse	Very coarse	Very coarse									
				Gravel	Gravel	Gravel									
				Pebble	Pebble	Pebble									
				Cobble	Cobble	Cobble									
61.9	0														
62															
62.1															
62.2															
62.3															
62.4															
62.5															
62.6		1							0					DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 5Y 4/1 Sorting: well sorted Nature of bottom contact: Additional description:
62.7														PP PWAV	
62.8															TOC
62.9	100														
63															
63.1															
63.2															
63.3															
63.4															
63.5								0							
63.6															
63.7															
63.8															
63.9	200														
64															
64.1															
64.2		2						0			".,.,."				
64.3															
64.4															
64.5															
64.6															
64.7															
64.8															
64.9	300														
65		3						0			".,.,."				
65.1															
65.2		4						0			".,.,."				
65.3															
65.4															
65.5															
65.6															
65.7															
65.8															
	400														



Site M0059 Hole A Core 21H Cored 65.2-68.5 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology							Shipboard sample	Description		
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories			Disturbance	
65.2	0												DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay
65.3														Color: 10Y 5/1
65.4														Sorting: very well sorted
65.5														Nature of bottom contact: transitional
65.6														Additional description:
65.7														
65.8														
65.9														
66.0	1													
66.1														
66.2														
66.3	100													
66.4														
66.5														
66.6														
66.7														
66.8														
66.9														
67.0														
67.1														
67.2	200													
67.3														
67.4														
67.5	2													
67.6														
67.7														
67.8														
67.9														
68.0														
68.1														
68.2	300													
68.3	3													
68.4														
68.5	4													
68.6														
68.7														
68.8														
68.9														
69.0														
69.1	400													

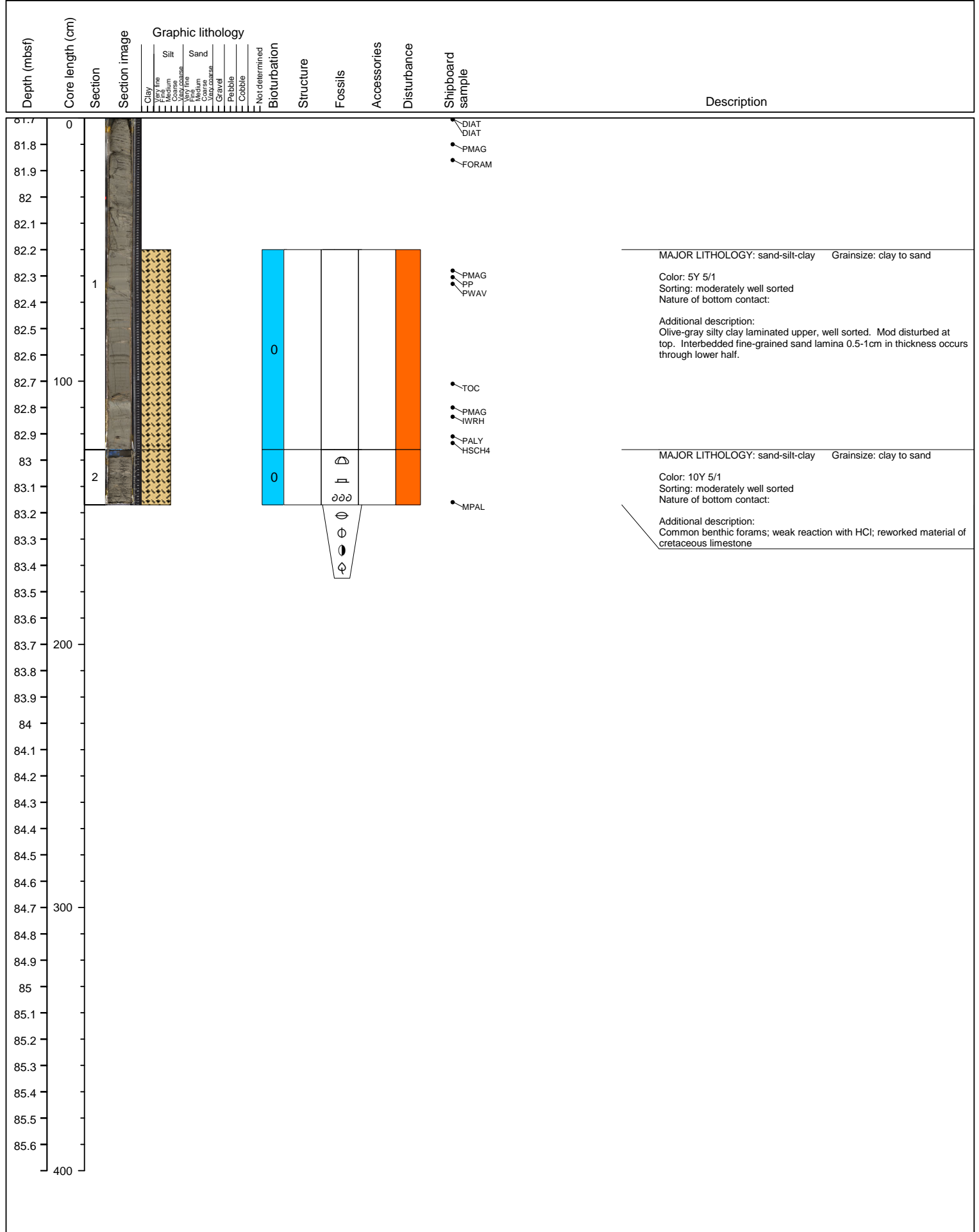
Site M0059 Hole A Core 22H Cored 68.5-71.8 mbsf																				
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology					Shipboard sample	Description										
				Clay	Very fine Silt	Very fine Sand	Very coarse Sand	Gravel	Pebble	Cobble	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance				
68.5	0																		DIAT	MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
68.6																				
68.7																				
68.8																				
68.9																				
69																				
69.1		1																	PP PALLY PWAV PMAG	MAJOR LITHOLOGY: clay Grainsize: Color: Sorting: Nature of bottom contact: Additional description:
69.2																				
69.3																				
69.4																				
69.5	100																			
69.6																				
69.7																				
69.8																			PMAG	
69.9																			IWRH	
70																			HSCH4	
70.1																				
70.2																				
70.3																			PMAG	
70.4																				
70.5	200																			
70.6																			PP PWAV	
70.7																			PMAG	
70.8		2																		
70.9																				
71																				
71.1																			TOC	
71.2																				
71.3																			PMAG	
71.4																				
71.5	300																			
71.6																				
71.7		3																	PP	
71.8																				
71.9																			PMAG	
72		4																		
72.1																				
72.2																			MPAL PAL	
72.3																				
72.4	400																			

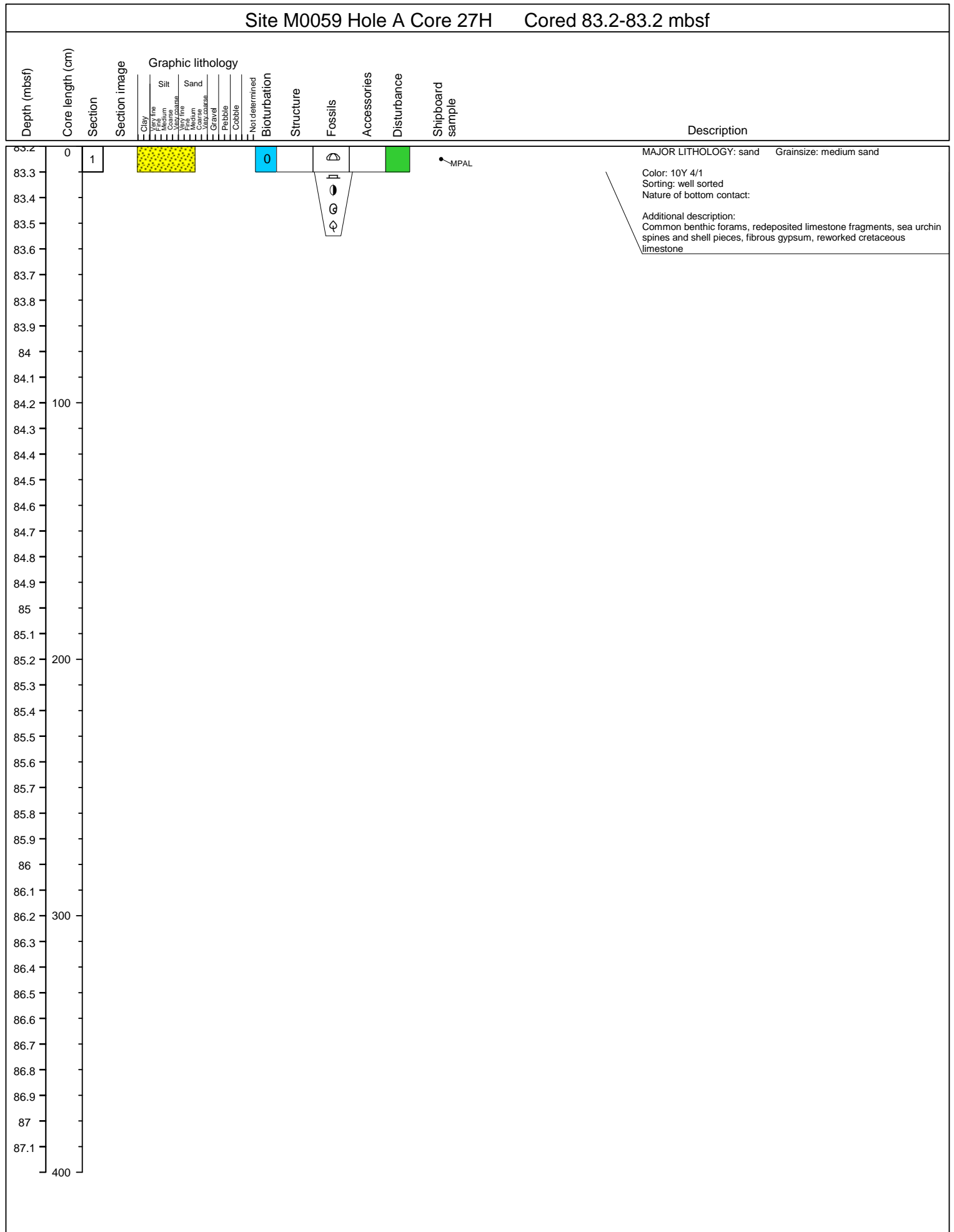
Site M0059 Hole A Core 23H Cored 71.8-75.1 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description		
				Clay Very fine Medium Coarse Very fine Medium Coarse Gravel Pebble Cobble										
71.8	0											MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:		
71.9												DIAT		
72.0														
72.1													PMAG	
72.2														
72.3														
72.4														
72.5	1					0		"",",,"					PP PWAV PMAG	
72.6														
72.7														
72.8	100													
72.9														
73.0														
73.1												PMAG		
73.2												IWRH		
73.3												HSCH4	MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: sharp Additional description:	
73.4												FORAM		
73.5												PMAG		
73.6														
73.7												PALY		
73.8	200											TOC		
73.9												PWAV PWAV PP PP		
74.0	2				0		"",",,"					PMAG		
74.1														
74.2														
74.3														
74.4														
74.5												PMAG		
74.6														
74.7														
74.8	300				0			oo				MAJOR LITHOLOGY: silty clay Grainsize: clay Color: 2.5Y 4/1 Sorting: moderately well sorted Nature of bottom contact: Additional description: MAJOR LITHOLOGY: silty clay Grainsize: clay		
74.9	3				0			oo				PMAG PP		
75.0														
75.1												MPAL	Color: 2.5Y 4/1 Sorting: moderately well sorted Nature of bottom contact: Additional description:	
75.2														
75.3														
75.4														
75.5														
75.6														
75.7	400													



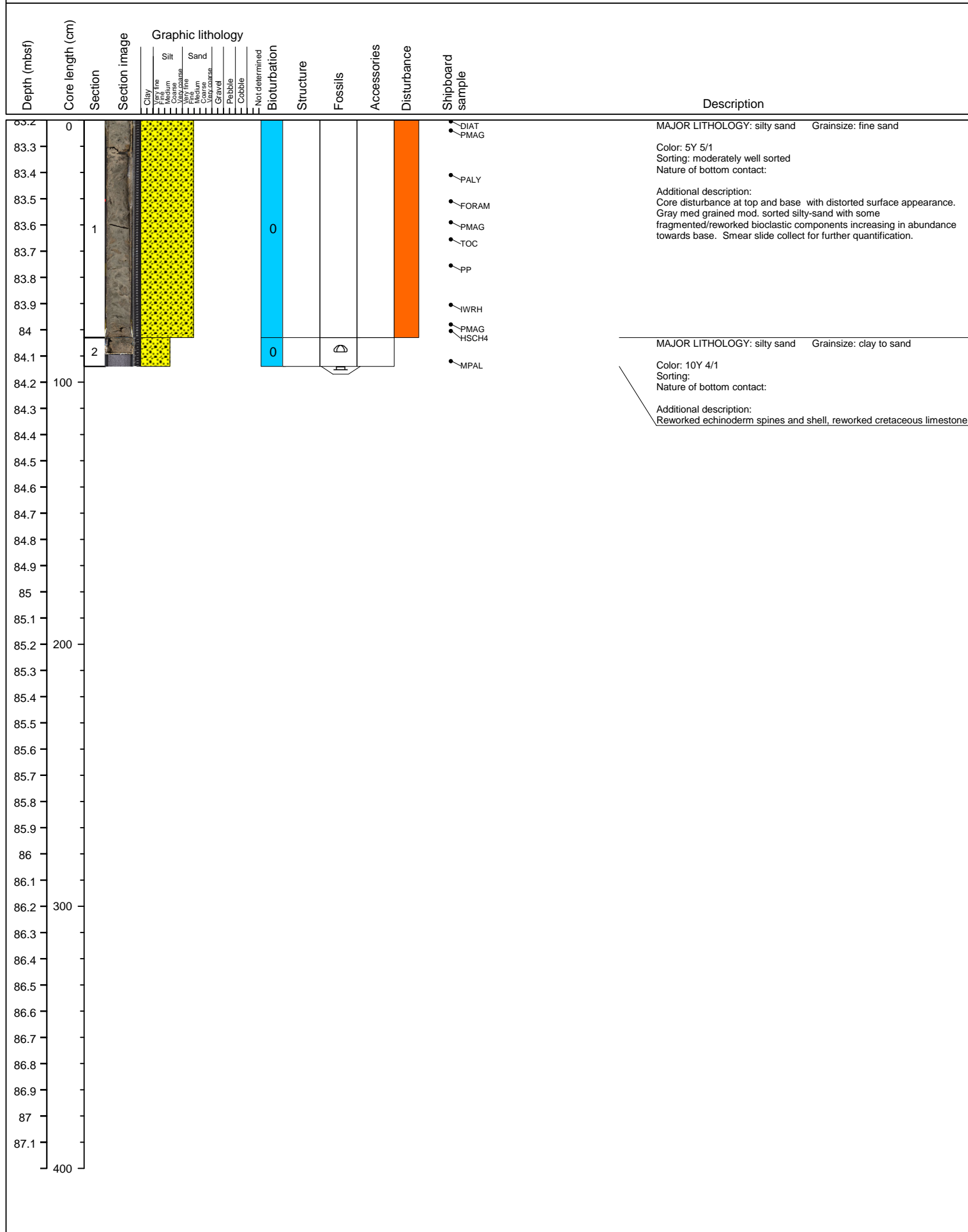
Site M0059 Hole A Core 25H Cored 78.4-81.7 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology				Shipboard sample	Description					
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories	Disturbance			
				Very fine	Very fine	Very fine	Not determined							
				Medium	Medium	Medium	Not determined							
				Coarse	Coarse	Coarse	Not determined							
				Very coarse	Very coarse	Very coarse	Not determined							
				Gravel	Gravel	Gravel	Not determined							
				Pebble	Pebble	Pebble	Not determined							
				Cobble	Cobble	Cobble	Not determined							
							Not determined							
78.4	0												DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay
78.5													IWRH	Color: 2.5Y 4/1
78.6													FORAM	Sorting: well sorted
78.7													PMAG	Nature of bottom contact: sharp
78.8				0					oo					Additional description:
78.9													PP	
79.0													PWAV	
79.1	1													
79.2													PMAG	MAJOR LITHOLOGY: silty clay Grainsize: clay
79.3													TOC	Color: 5Y 5/1
79.4	100													Sorting: moderately well sorted
79.5				0					oo					Nature of bottom contact:
79.6													PMAG	Additional description:
79.7														
79.8														
79.9													HSCH4	MAJOR LITHOLOGY: silty clay Grainsize: clay
80.0				0					oo					Color: 5Y 5/1
80.1													FORAM	Sorting: poorly sorted
80.2													PMAG	Nature of bottom contact: blurred
80.3														Additional description:
80.4	200												TOC	MAJOR LITHOLOGY: silty clay Grainsize:
80.5														Color: 5Y 5/1
80.6													PP	Sorting: well sorted
80.7	2												PWAV	Nature of bottom contact:
80.8				0					"",",,"				PMAG	Additional description:
80.9														
81.0														
81.1														
81.2													PMAG	
81.3														
81.4	300													MAJOR LITHOLOGY: silty clay Grainsize: clay
81.5		3		0					"",",,"					Color: 5Y 5/1
81.6		4		0					o					Sorting: well sorted
81.7														Nature of bottom contact:
81.8													MPAL	Additional description:
81.9														MAJOR LITHOLOGY: clayey silt Grainsize: medium silt
82.0														Color: 10Y 5/1
82.1														Sorting: well sorted
82.2														Nature of bottom contact:
82.3	400													Additional description:

Site M0059 Hole A Core 26H Cored 81.7-83.2 mbsf





Site M0059 Hole A Core 28X Cored 83.2-86.7 mbsf







Site M0059 Hole B Core 2H Cored 63.3-66.6 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Shipboard sample	Description		
				Clay	Silt	Sand	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance					
63.3	0															DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay
63.4																PMAG	Color: 5Y 4/1 Sorting: well sorted Nature of bottom contact: Additional description:
63.5																	
63.6																	
63.7																	
63.8																	
63.9																PMAG	MAJOR LITHOLOGY: clay Grainsize:
64		1														TOC	Color: 5Y 4/1 Sorting: Nature of bottom contact: Additional description:
64.1																PP	
64.2																PWAV	
64.3	100																
64.4																PMAG	
64.5																	
64.6																	
64.7																IWRH	
64.8																HSCH4	MAJOR LITHOLOGY: silty clay Grainsize: clay
64.9																DIAT	
65																PMAG	Color: 5Y 4/1 Sorting: well sorted Nature of bottom contact: Additional description:
65.1																FORAM	
65.2																	
65.3	200																
65.4																PMAG	
65.5																TOC	
65.6		2															
65.7																	
65.8																PP	
65.9																PWAV	
66																PMAG	
66.1																	
66.2																PALY	
66.3	300																
66.4		3														DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay
66.5		4														PMAG	Color: 5Y 4/1 Sorting: well sorted Nature of bottom contact: Additional description:
66.6																MPAL	MAJOR LITHOLOGY: silty clay Grainsize: clay
66.7																	Color: 5Y 4/1 Sorting: well sorted Nature of bottom contact: Additional description:
66.8																	
66.9																	
67																	
67.1																	
67.2																	
	400																

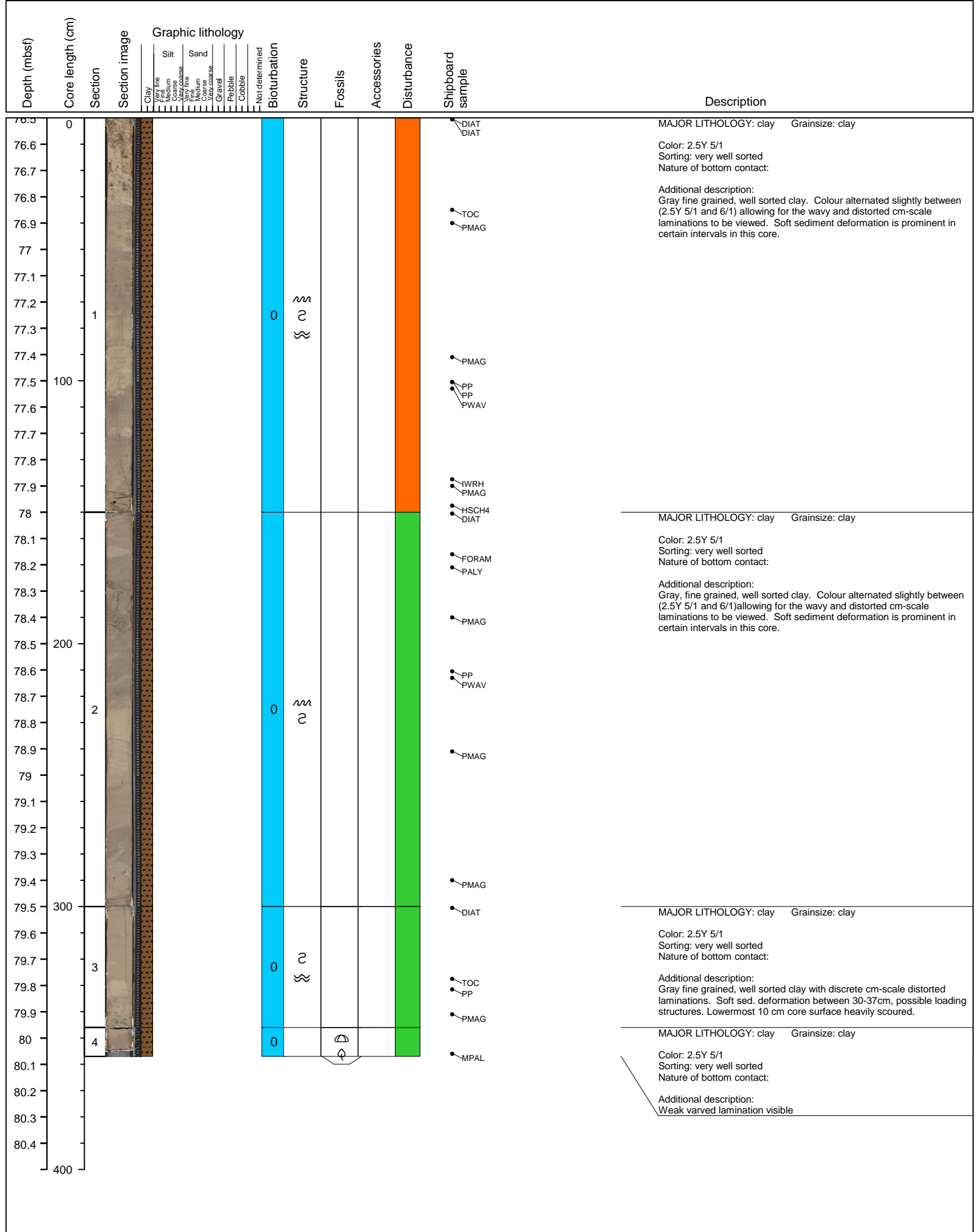


Site M0059 Hole B Core 4H Cored 69.9-73.2 mbsf

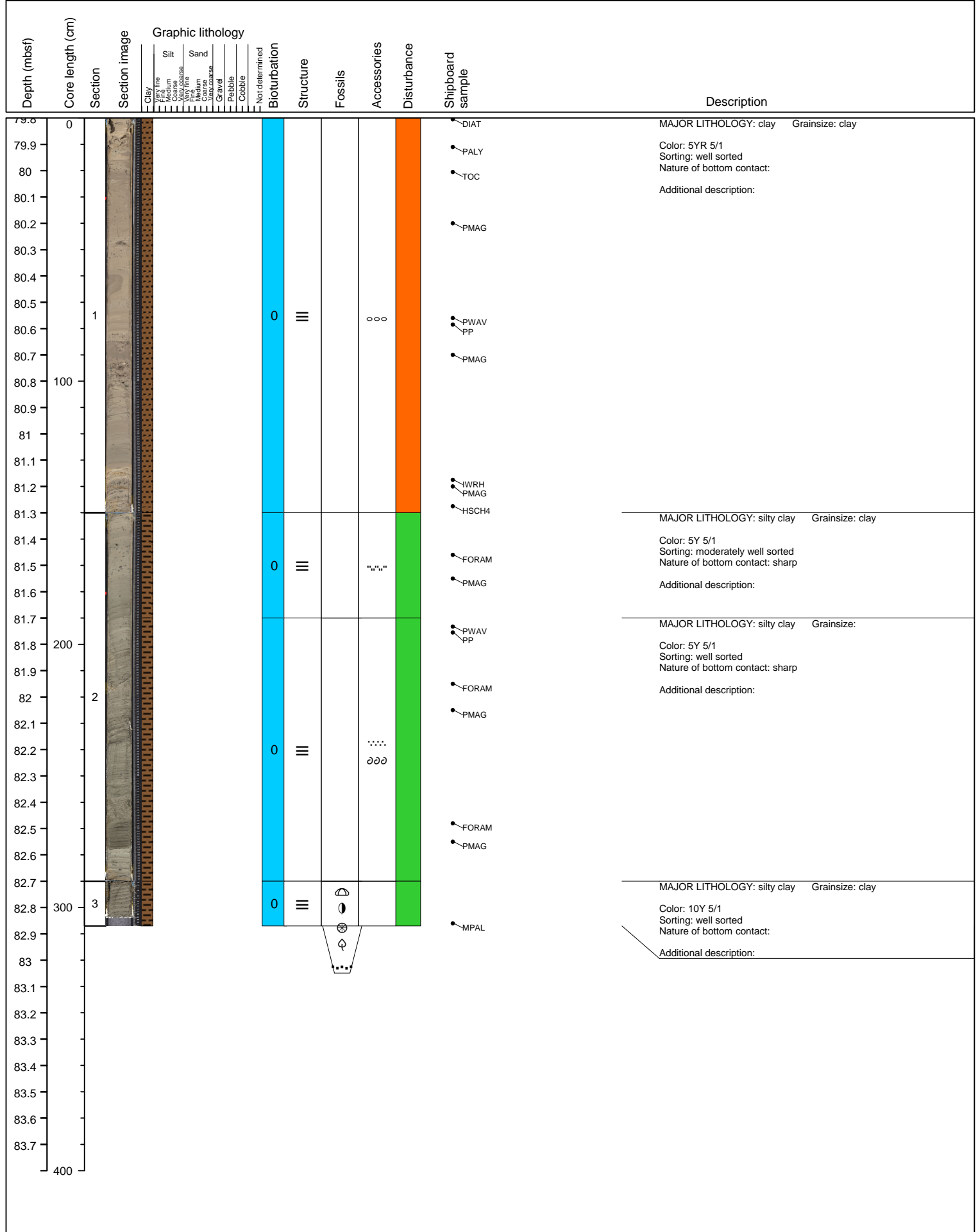
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology							Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Silt	Sand	Gravel	Pebble	Cobble	Not determined							
69.9	0															DIAT	MAJOR LITHOLOGY: clay Grainsize: clay Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description: Degraded core surface for upper 42cm. Gray fine grained clay with no bioturbation. Series of cm-scale laminations of alternating colour from 2.5y 6/1 to 2.5Y 4/1. Soft Sed. Deformation apparent at various intervals from 90cm to end.
70.0											0	~				PMAG	
70.1																PP PWAV	
70.2																	
70.3																	
70.4																	
70.5																	
70.6	1																
70.7																PMAG	
70.8																TOC	
70.9	100																
71.0																	
71.1																	
71.2																PMAG	
71.3																IWRH	
71.4																HSC4 DIAT	MAJOR LITHOLOGY: clay Grainsize: clay Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description: Gray well sorted, fine grained clay. No visible bioturbation. Distinct soft sed deformation horizons (entered as convolute bedding here) of cm scale beds of varying grey colour.
71.5																FORAM	
71.6																	
71.7																PMAG	
71.8																	
71.9	200																
72.0																PALY	
72.1	2										0						
72.2																PMAG	
72.3																TOC	
72.4																PP PWAV	
72.5																	
72.6																	
72.7																PMAG	
72.8																	
72.9	300															DIAT	MAJOR LITHOLOGY: clay Grainsize: clay Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description: Gray, well sorted, fine grained clay. No visible bioturbation. Distinct soft sed deformation horizons (entered as convolute bedding here) of cm scale beds of varying grey colour.
73.0																	
73.1	3										0	~					
73.2																PP PWAV	
73.3																PMAG	
73.4	4										0		φ				
73.5																MPAL	MAJOR LITHOLOGY: clay Grainsize: clay Color: 10Y 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description: Gray well sorted, fine grained clay. No visible bioturbation. Distinct soft sed deformation horizons. Core surface scoured in some places.
73.6																	
73.7																	
73.8	400																



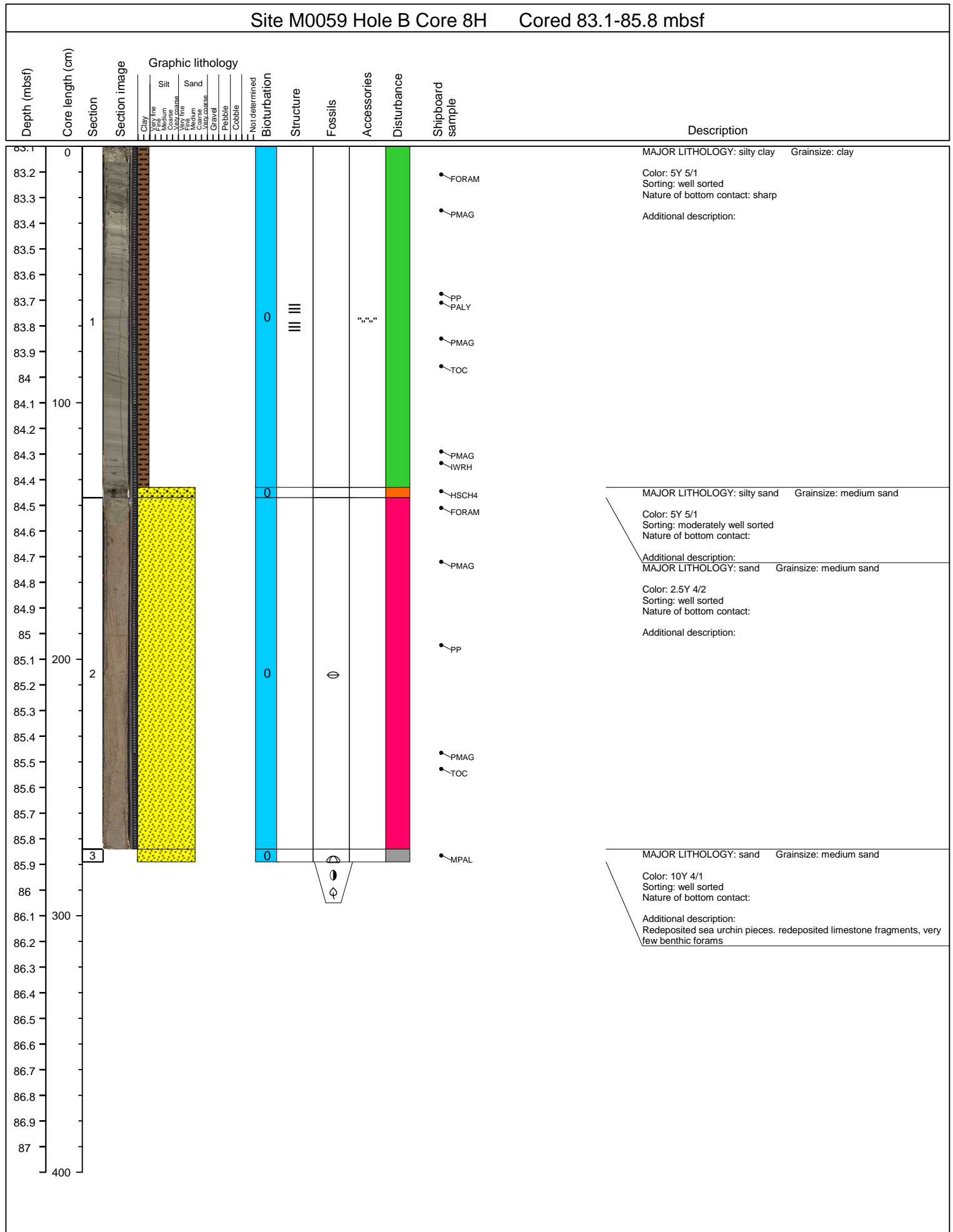
Site M0059 Hole B Core 6H Cored 76.5-79.8 mbsf



Site M0059 Hole B Core 7H Cored 79.8-83.1 mbsf

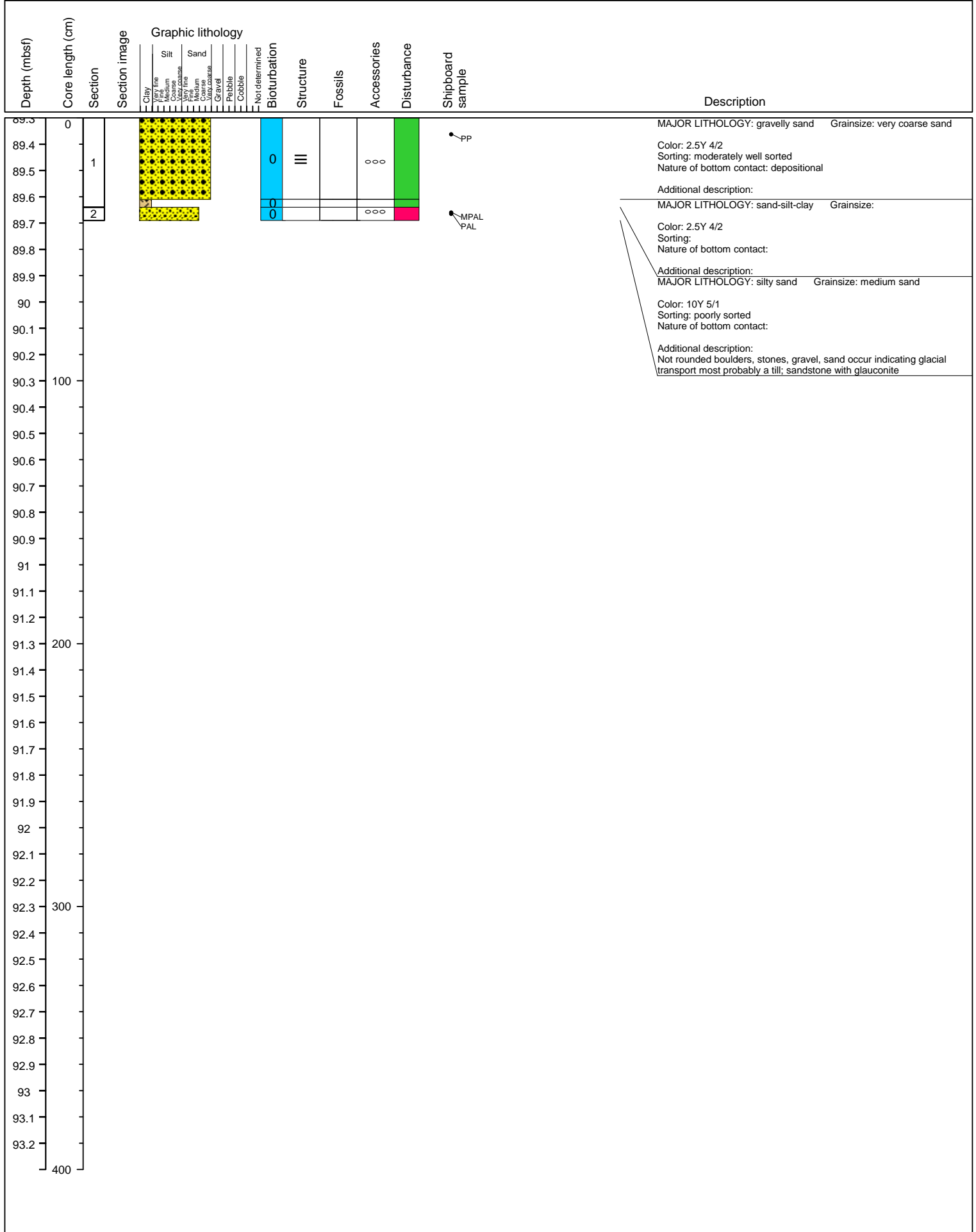


Site M0059 Hole B Core 8H Cored 83.1-85.8 mbsf





Site M0059 Hole B Core 10X Cored 89.3-90.4 mbsf



MAJOR LITHOLOGY: gravelly sand Grainsize: very coarse sand  
 Color: 2.5Y 4/2  
 Sorting: moderately well sorted  
 Nature of bottom contact: depositional  
 Additional description:

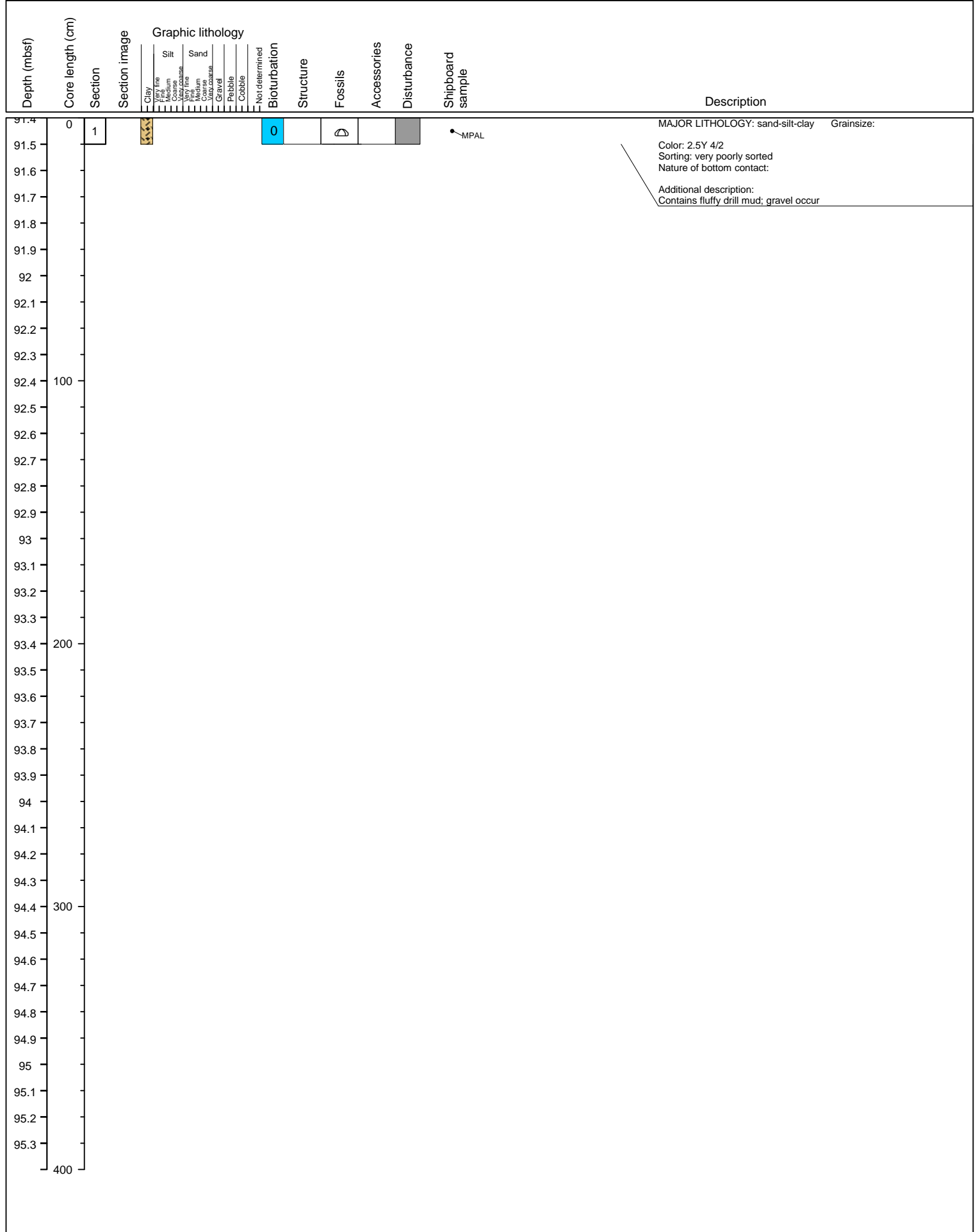
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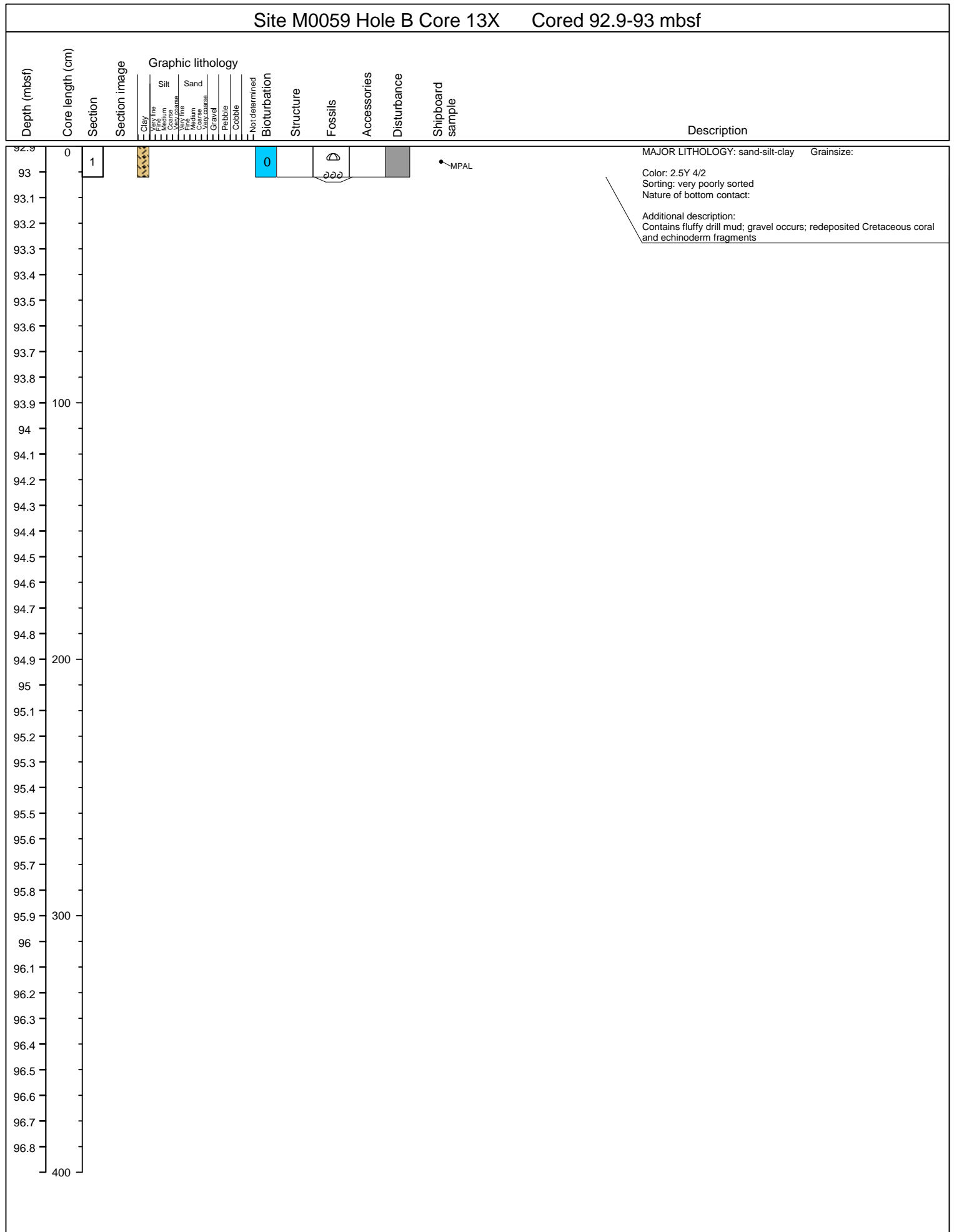
MAJOR LITHOLOGY: sand-silt-clay Grainsize:  
 Color: 2.5Y 4/2  
 Sorting:  
 Nature of bottom contact:  
 Additional description:

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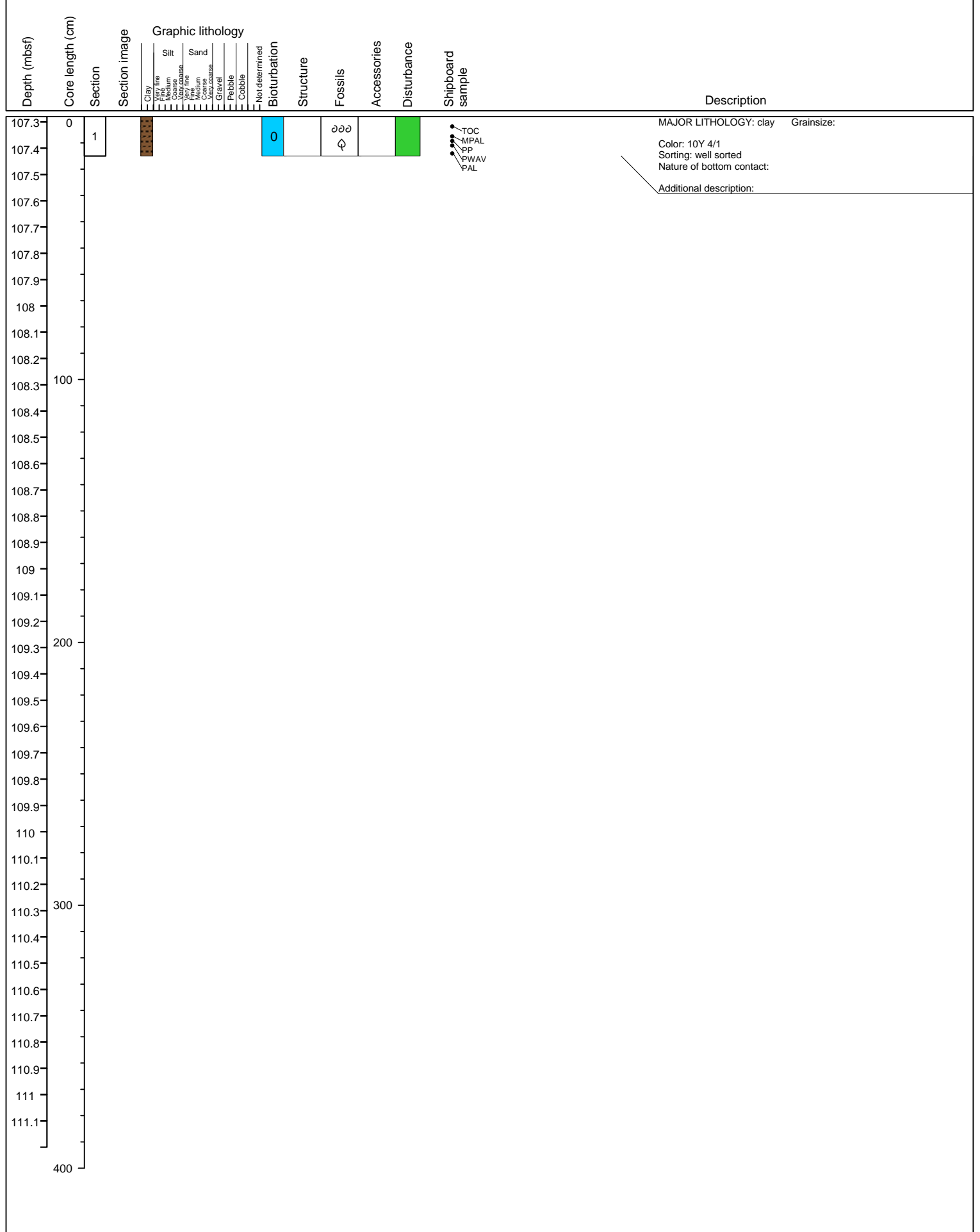
MAJOR LITHOLOGY: silty sand Grainsize: medium sand  
 Color: 10Y 5/1  
 Sorting: poorly sorted  
 Nature of bottom contact:  
 Additional description:  
 Not rounded boulders, stones, gravel, sand occur indicating glacial transport most probably a till; sandstone with glauconite

Site M0059 Hole B Core 12H Cored 91.4-92.9 mbsf

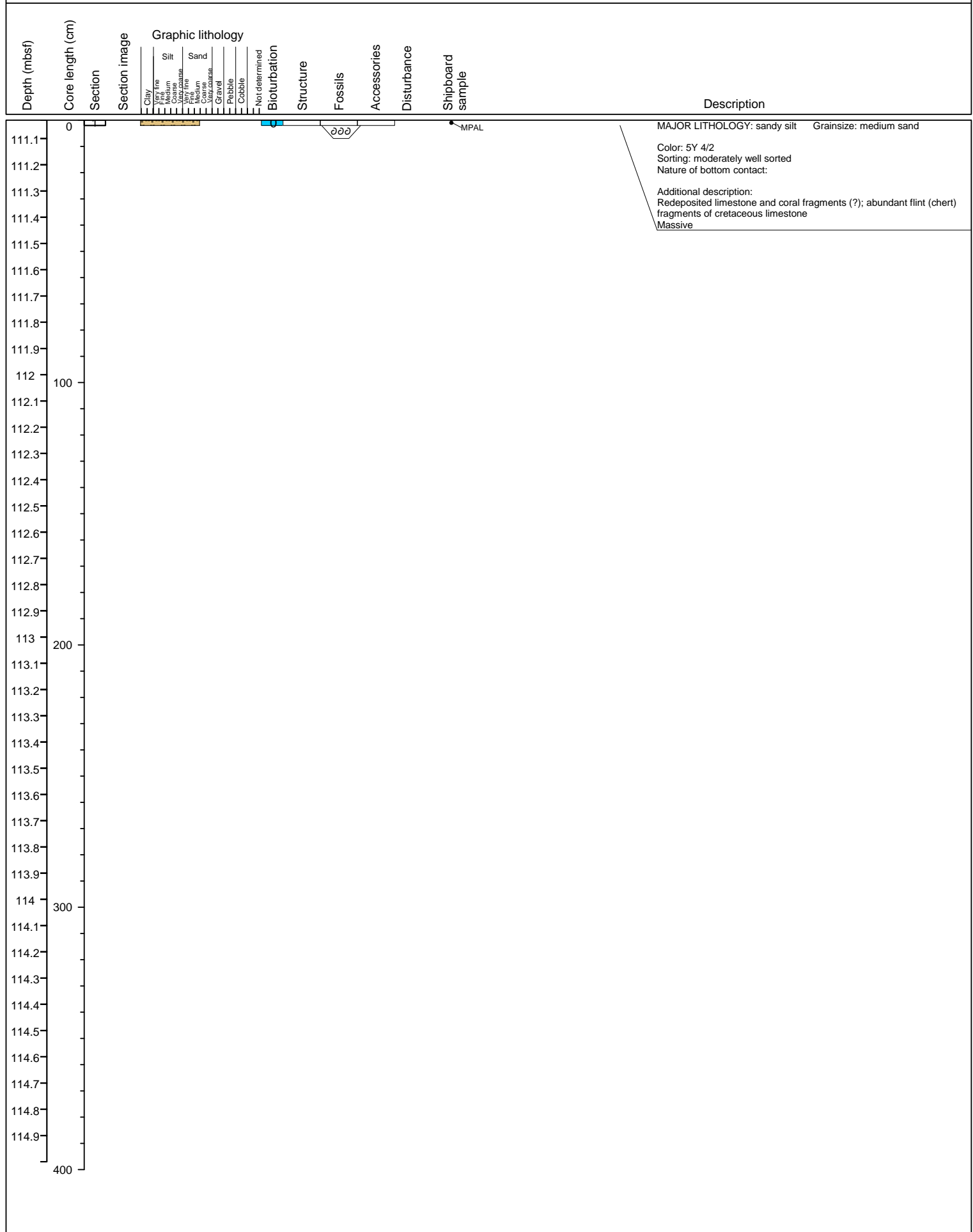




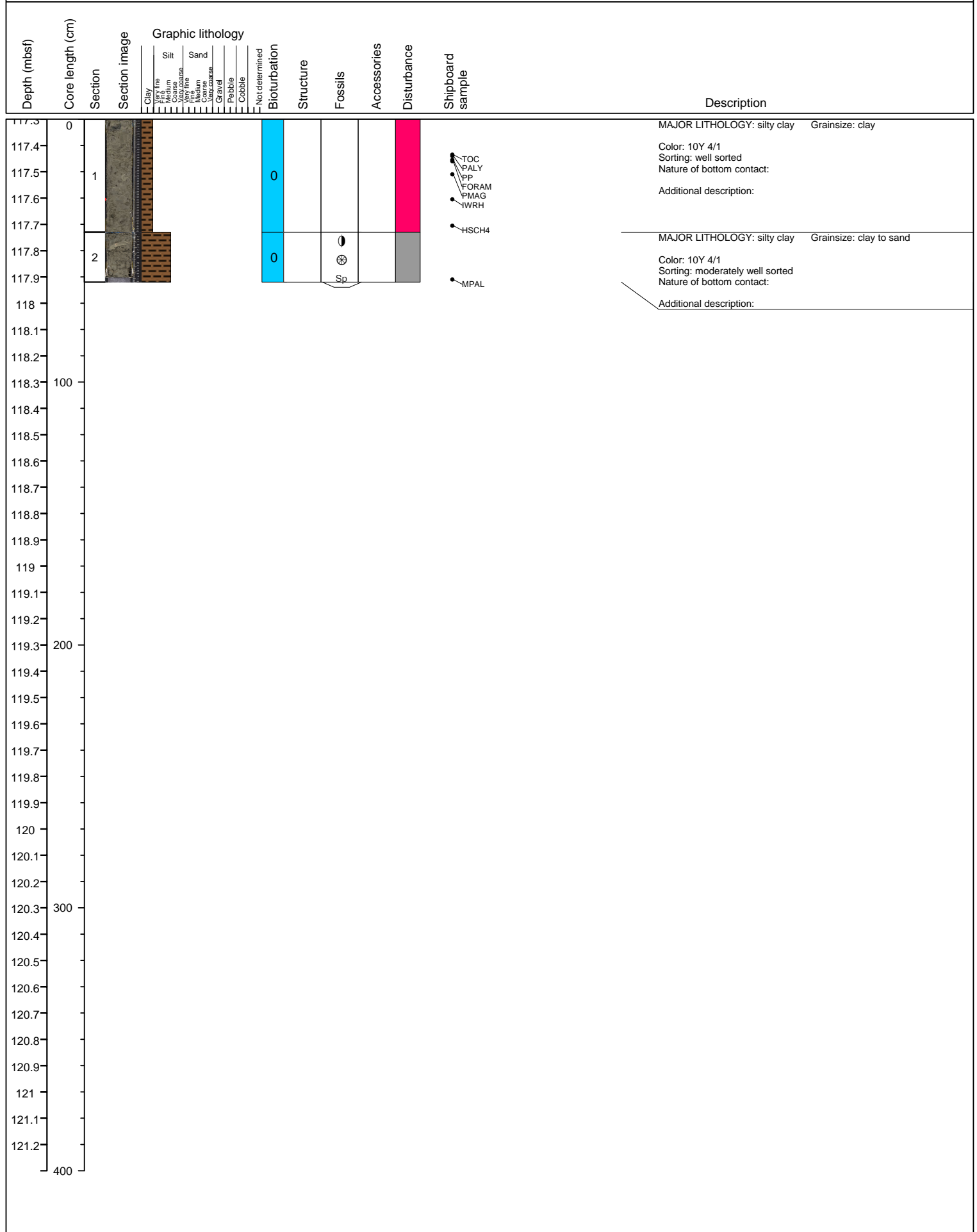
Site M0059 Hole B Core 19H Cored 107.28-107.43 mbsf



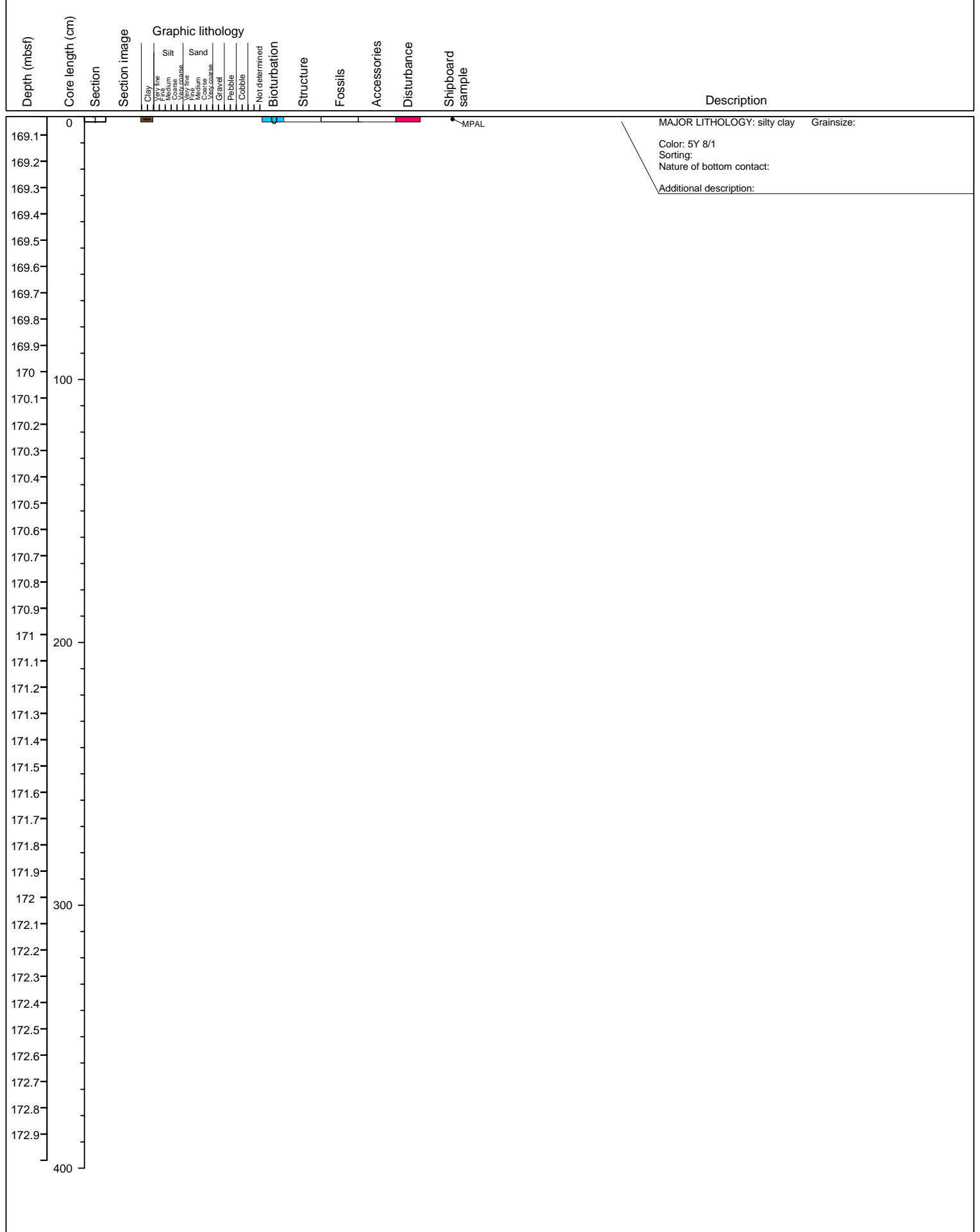
Site M0059 Hole B Core 23S Cored 111.03-111.05 mbsf



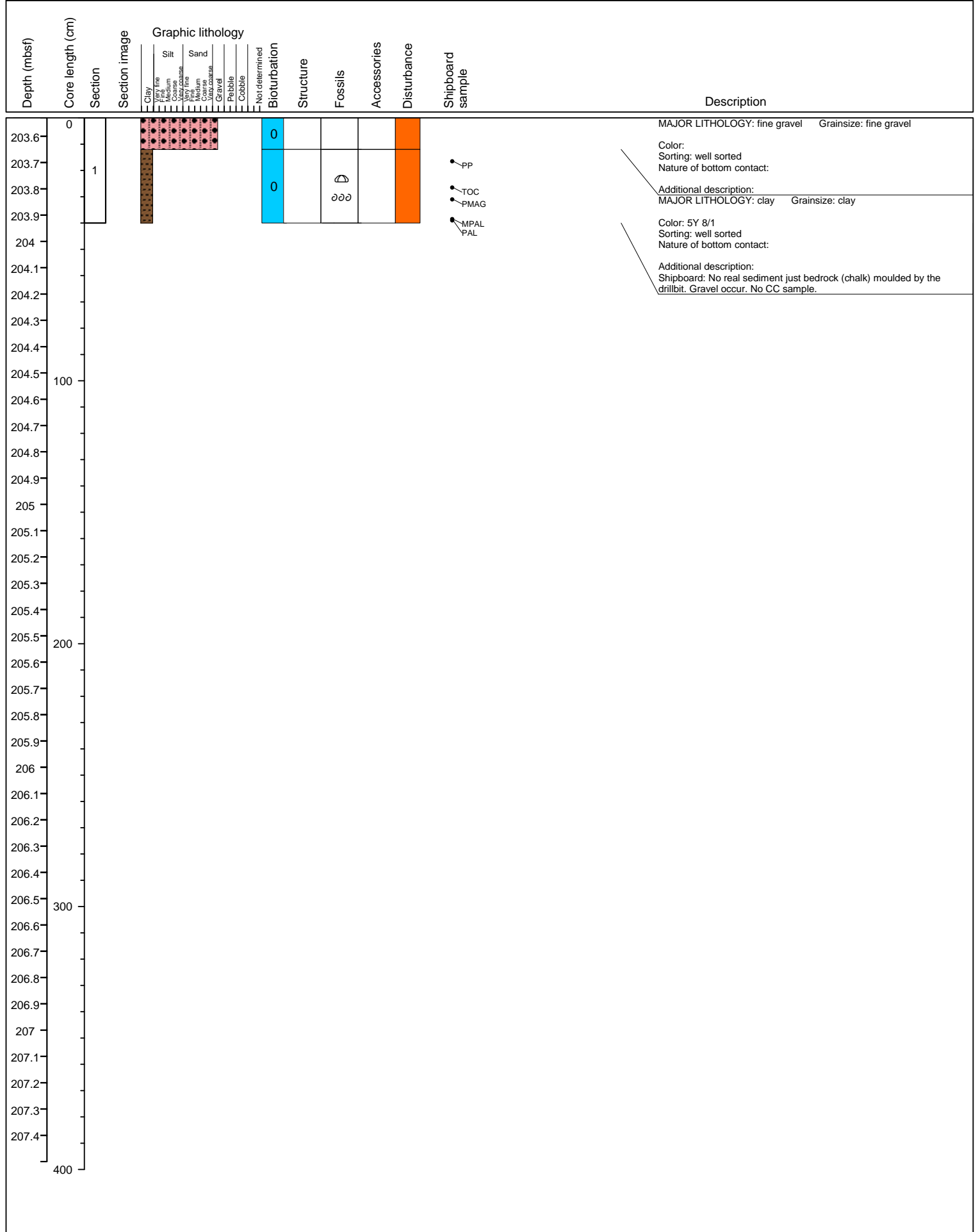
Site M0059 Hole B Core 25P Cored 117.3-117.92 mbsf



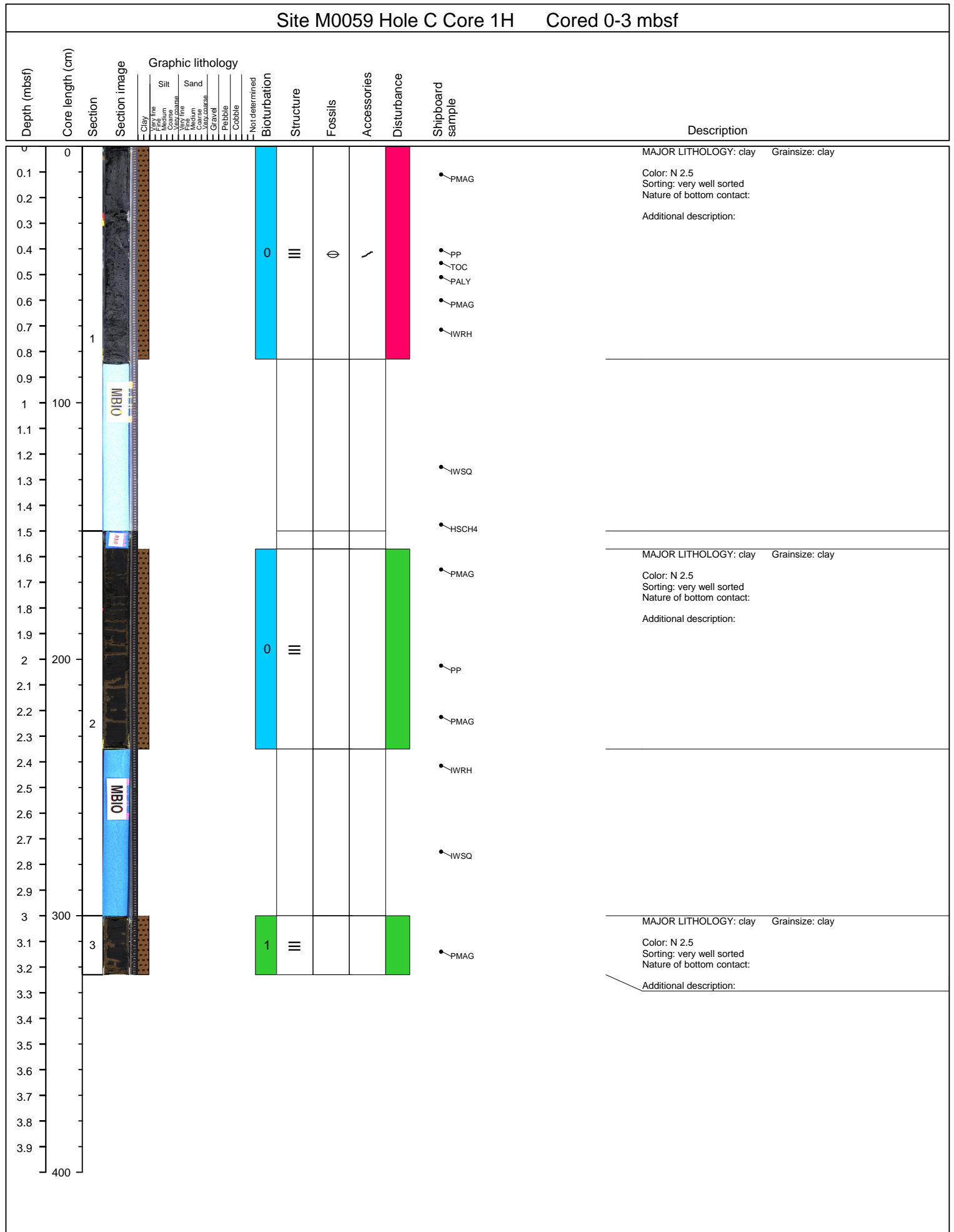
Site M0059 Hole B Core 27X Cored 169.03-172.5 mbsf

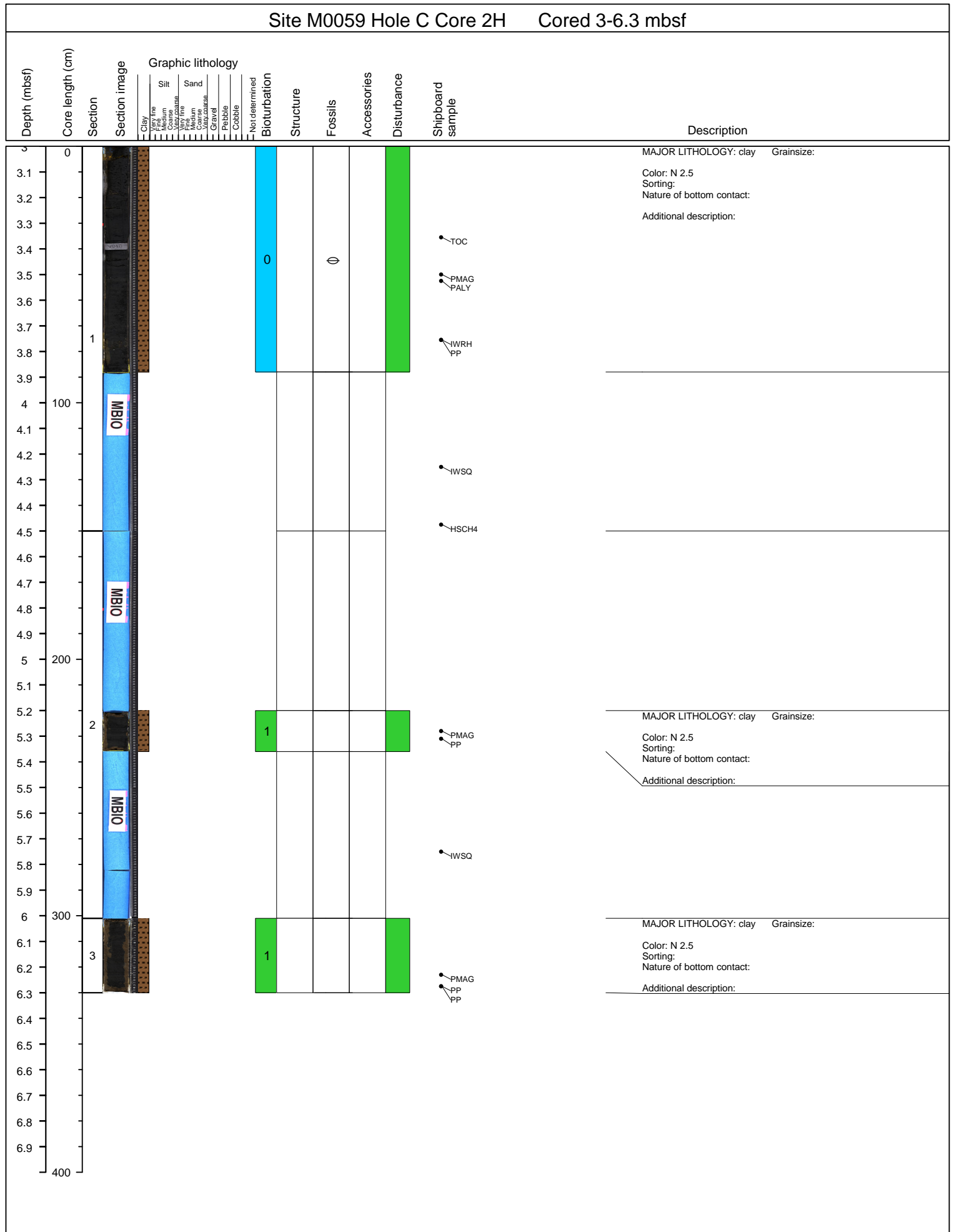


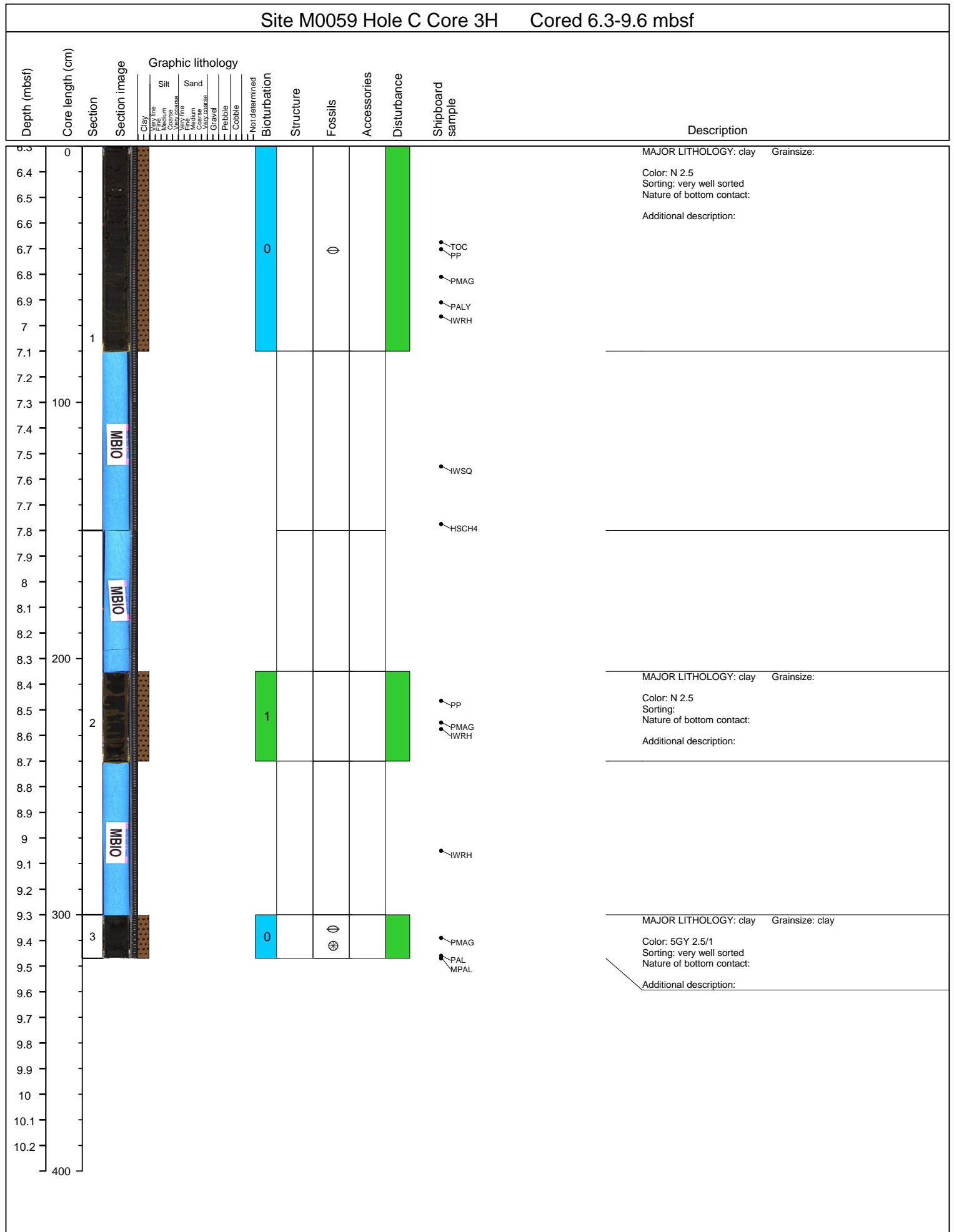
Site M0059 Hole B Core 29P Cored 203.53-204.03 mbsf

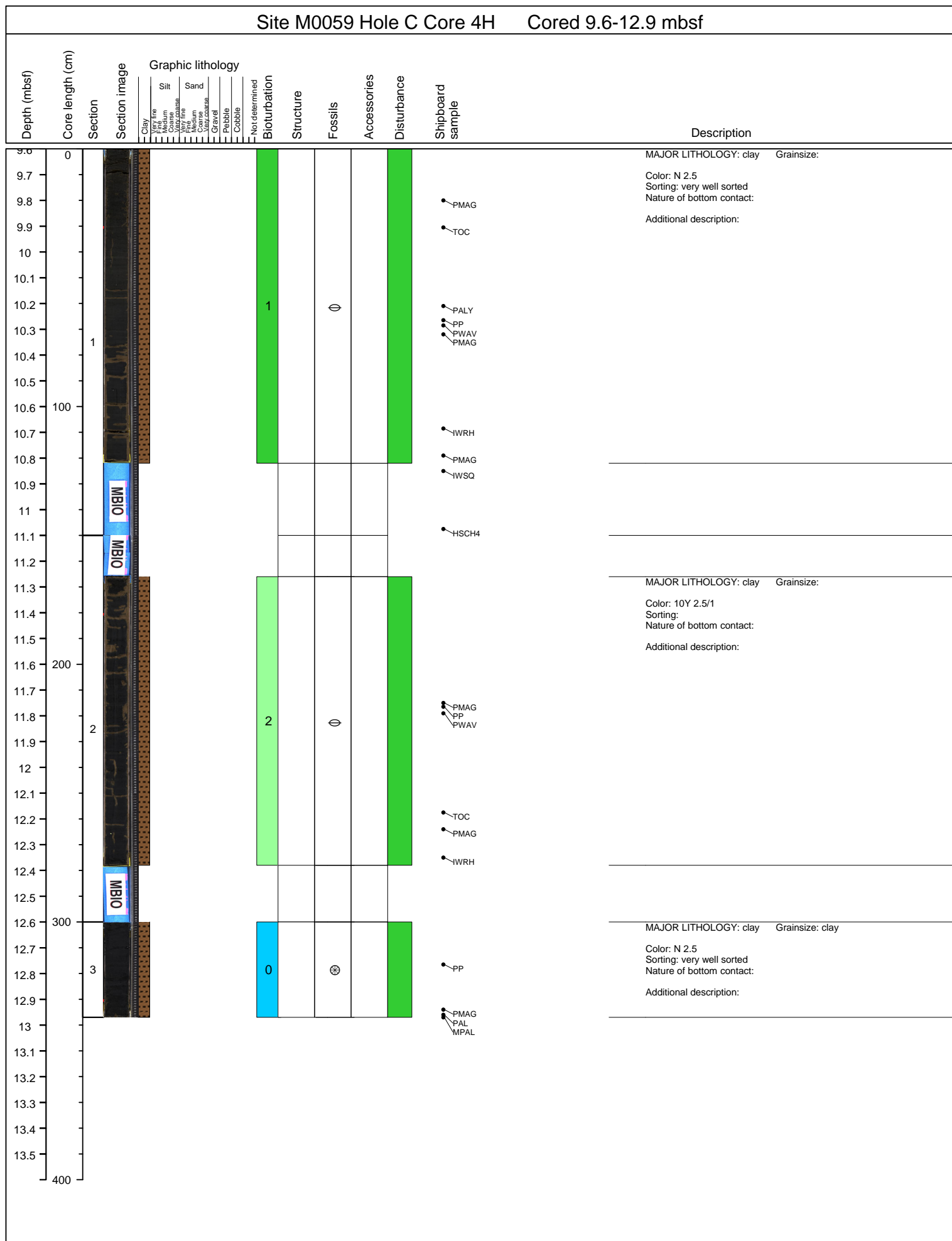








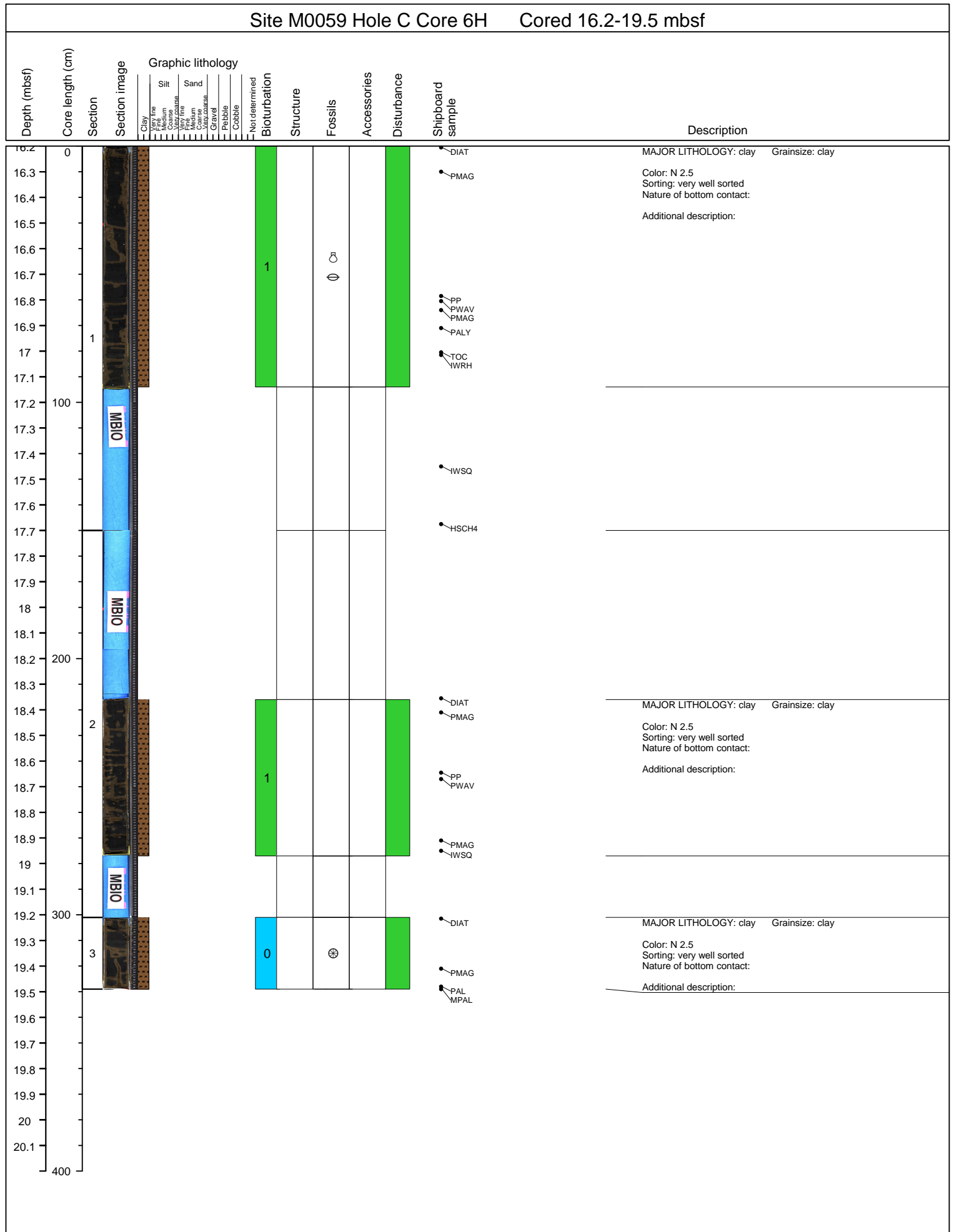




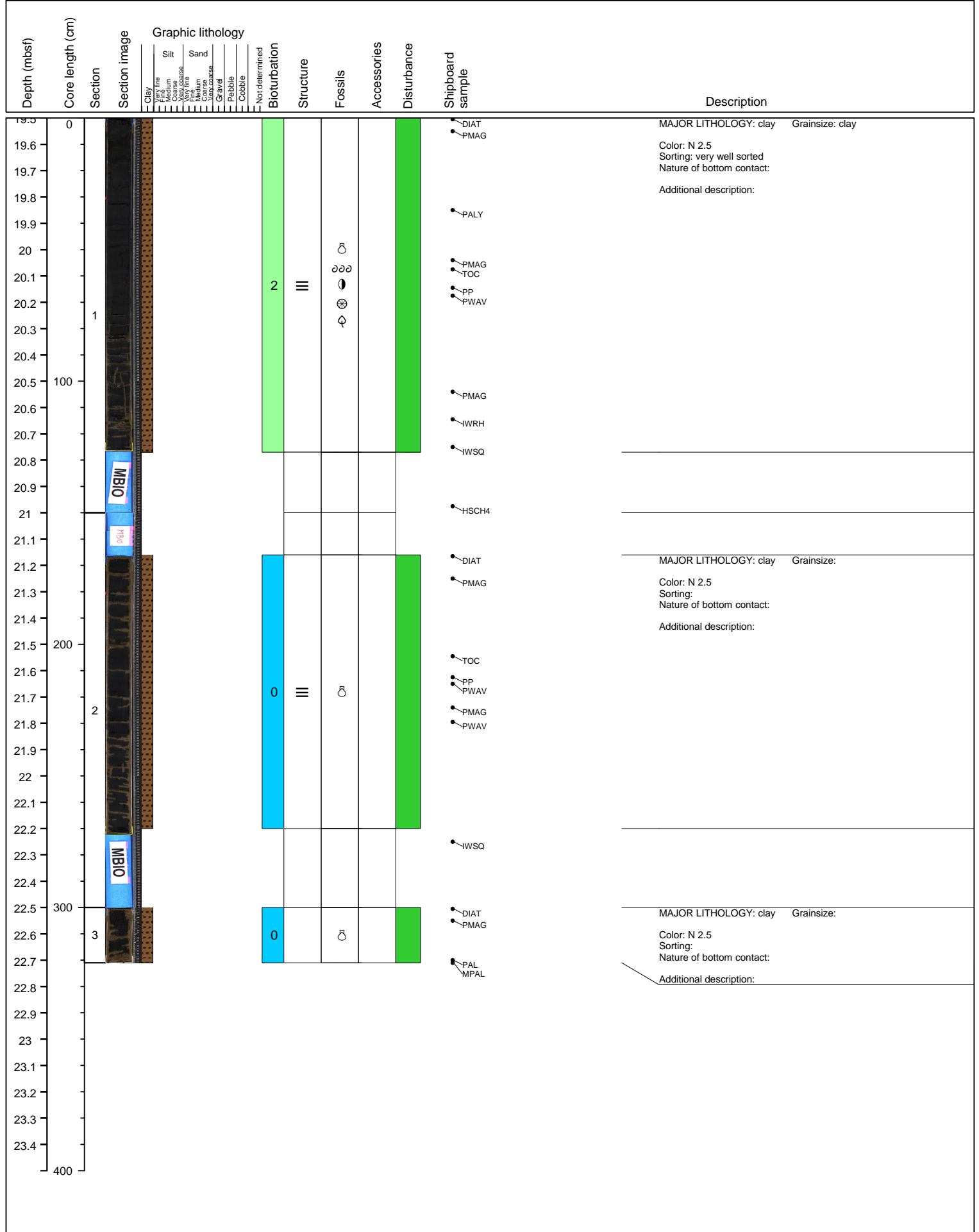
Site M0059 Hole C Core 5H Cored 12.9-16.2 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology								Shipboard sample	Description	
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories	Disturbance			
12.9	0													MAJOR LITHOLOGY: clay Grainsize:
13														Color: N 2.5 Sorting: very well sorted Nature of bottom contact:
13.1														Additional description:
13.2														
13.3														
13.4														
13.5														
13.6														
13.7														
13.8														
13.9	100													
14														
14.1														
14.2														
14.3														
14.4														
14.5														
14.6														MAJOR LITHOLOGY: clay Grainsize: clay
14.7														Color: N 2.5 Sorting: very well sorted Nature of bottom contact:
14.8														Additional description:
14.9	200													
15														
15.1														
15.2														
15.3														
15.4														
15.5														
15.6														
15.7														
15.8														
15.9	300													
16														
16.1														
16.2														
16.3														
16.4														
16.5														
16.6														
16.7														
16.8														
400														

Site M0059 Hole C Core 6H Cored 16.2-19.5 mbsf



Site M0059 Hole C Core 7H Cored 19.5-22.8 mbsf

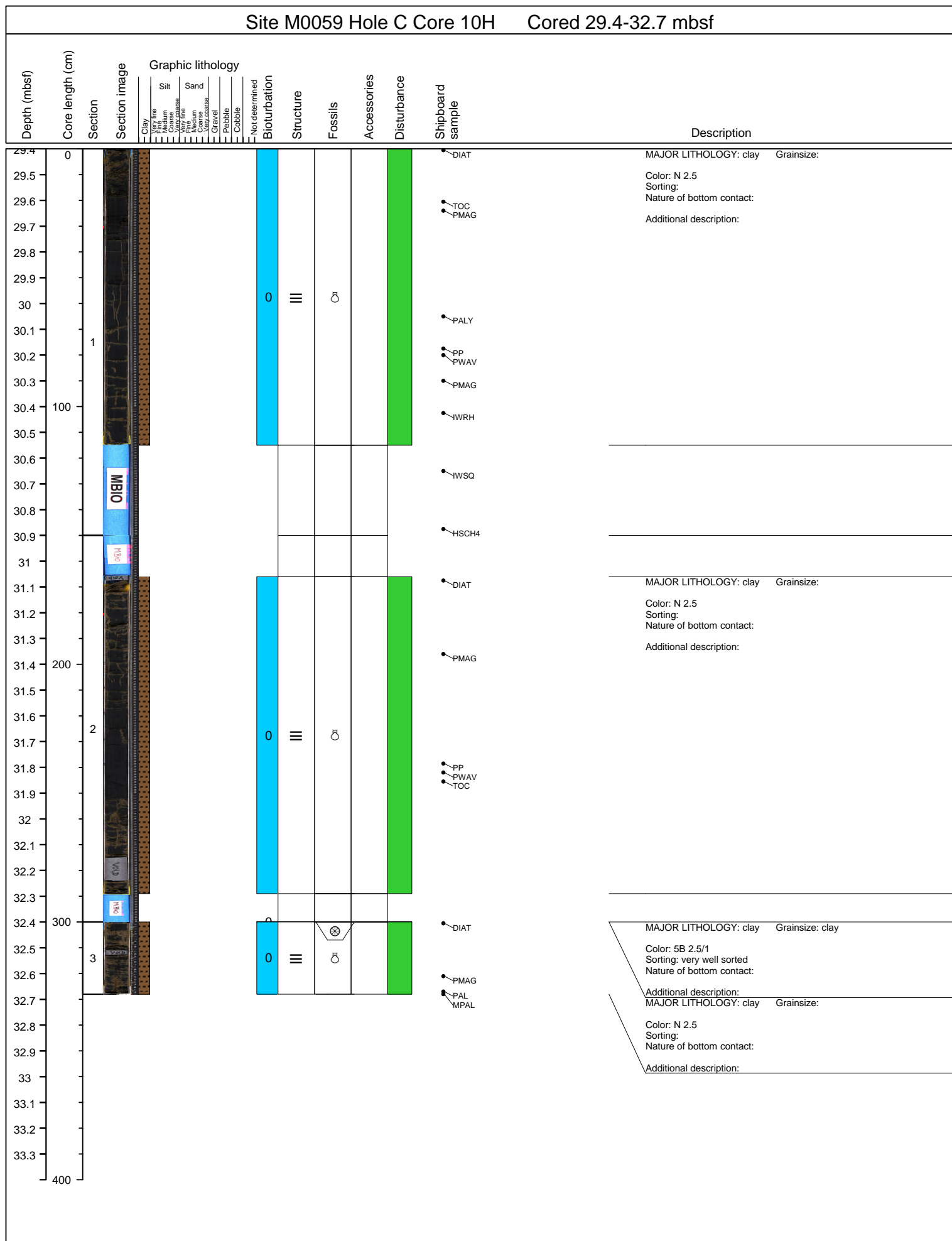


Site M0059 Hole C Core 8H Cored 22.8-26.1 mbsf

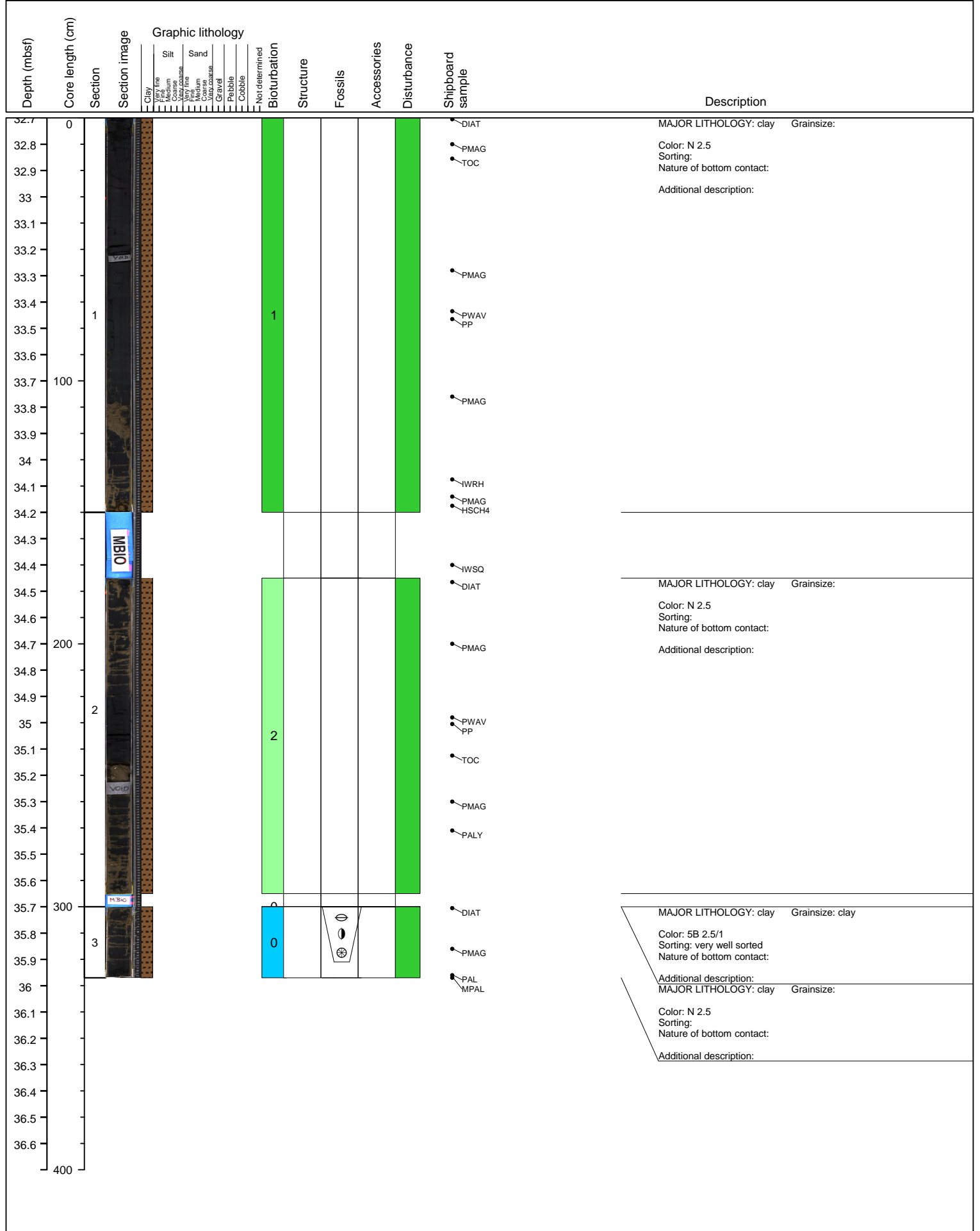
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Very fine Silt	Medium Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble	Cobble	Not determined							
22.8	0																		DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
22.9																			PMAG	Color: N 2.5 Sorting: very well sorted Nature of bottom contact:
23																				Additional description:
23.1																			PALY	
23.2																				
23.3																				
23.4																			PMAG TOC PP PWAV	
23.5	1																			
23.6																				
23.7																				
23.8	100																			
23.9																			IWRH PMAG	
24																				
24.1																			IWSQ	
24.2																				
24.3																			HSC4	
24.4																				
24.5																			DIAT	MAJOR LITHOLOGY: clay Grainsize:
24.6																				Color: N 2.5 Sorting: Nature of bottom contact:
24.7																				Additional description:
24.8	200																			
24.9																				
25																			PP PMAG PWAV	
25.1	2																			
25.2																				
25.3																				
25.4																			TOC	
25.5																			PMAG	
25.6																				
25.7																				
25.8	300																		DIAT	MAJOR LITHOLOGY: clay Grainsize:
25.9																			PMAG	Color: N 2.5 Sorting: Nature of bottom contact:
26																				Additional description:
26.1																			PAL MPAL	
26.2																				
26.3																				
26.4																				
26.5																				
26.6																				
26.7																				
400																				







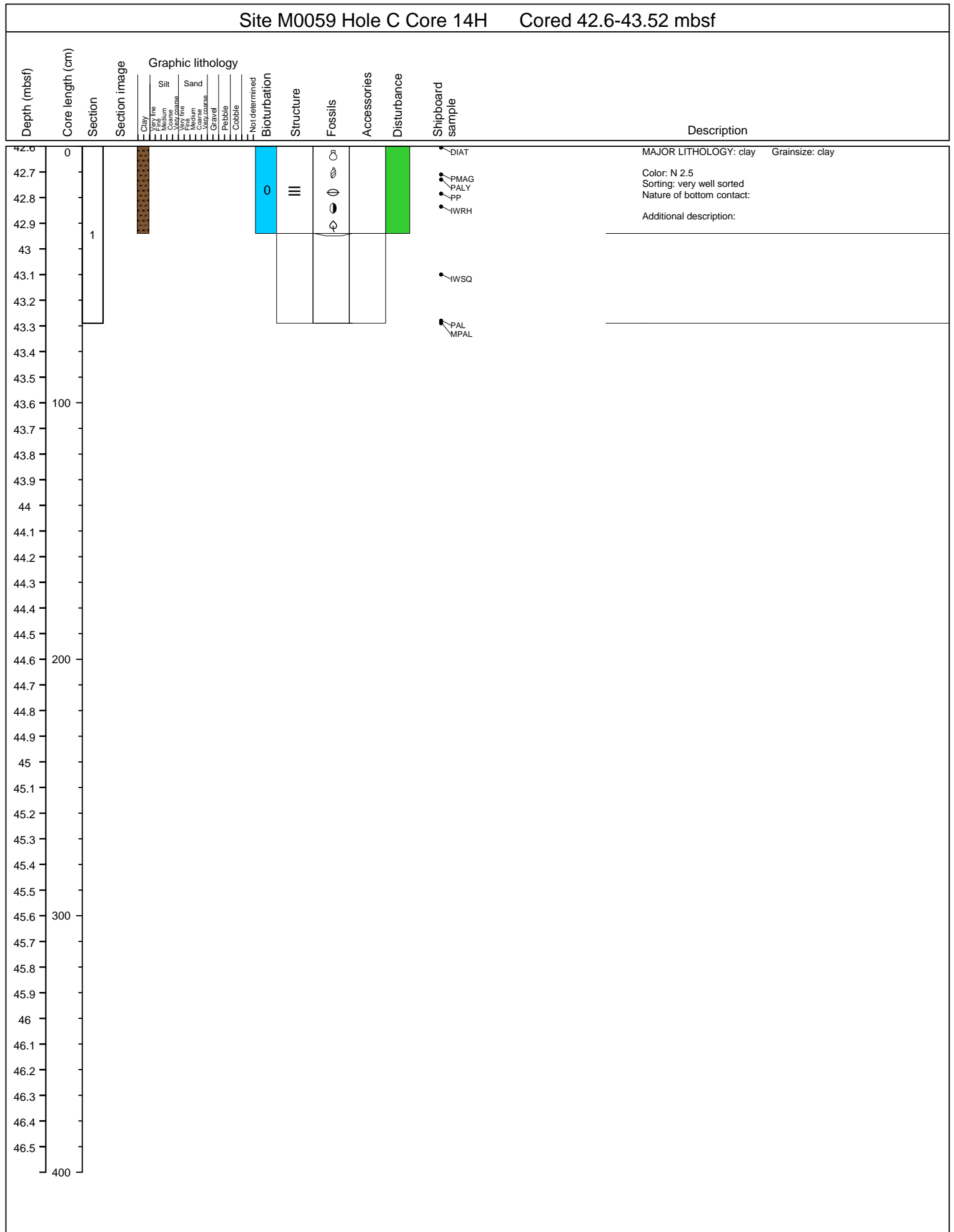
Site M0059 Hole C Core 11H Cored 32.7-36 mbsf



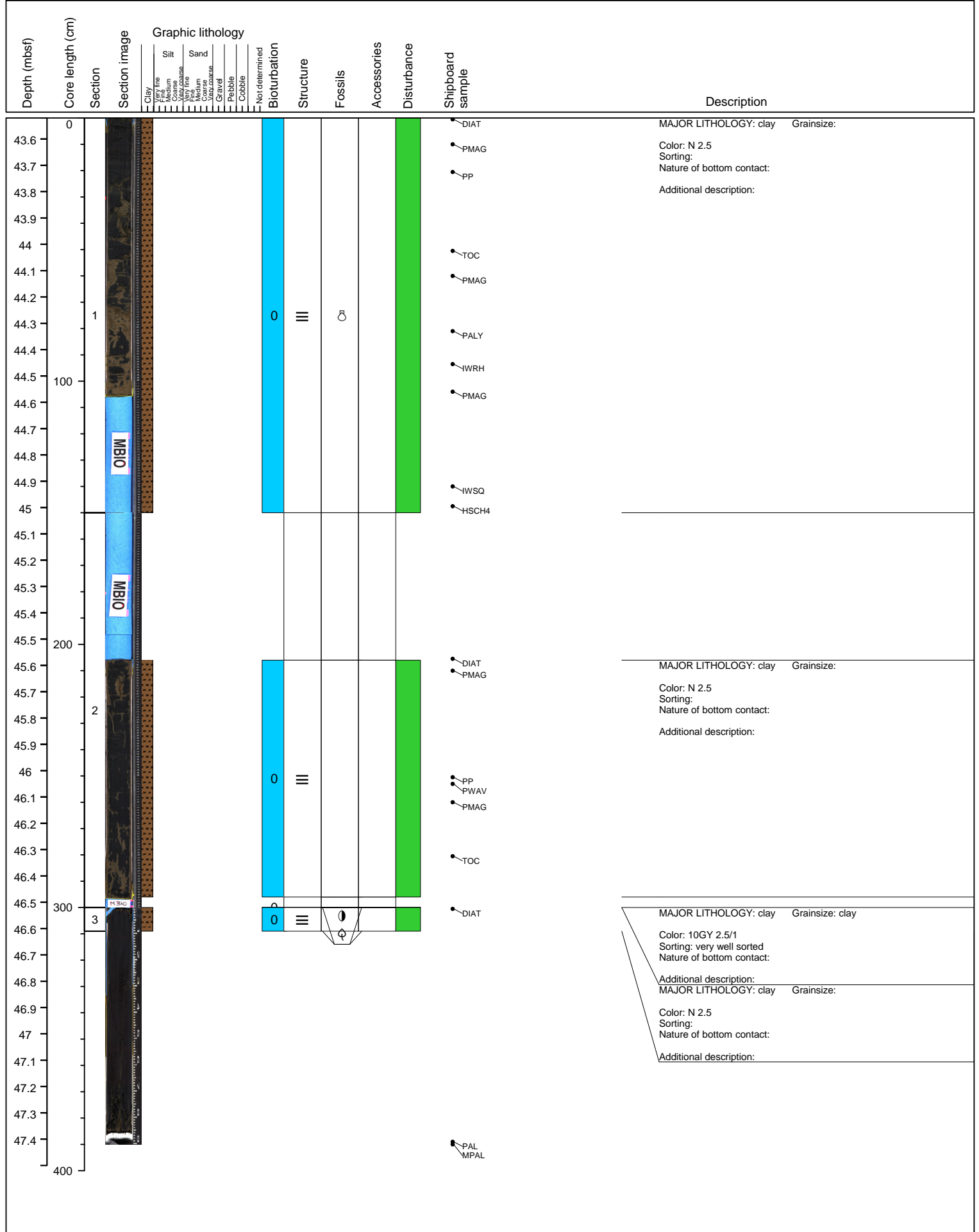
Site M0059 Hole C Core 12H Cored 36-39.3 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Shipboard sample	Description									
				Clay	Very fine Silt	Medium Silt	Coarse Silt	Very fine Sand	Medium Sand	Coarse Sand	Gravel	Pebble	Cobble			Not determined	Biurbation	Structure	Fossils	Accessories	Disturbance			
36.1	0																					DIAT	MAJOR LITHOLOGY: clay Grainsize:	
36.2																							PMAG	Color: N 2.5
36.3																							PP	Sorting:
36.4																							PWAV	Nature of bottom contact:
36.5																							PALY	Additional description:
36.6																							PMAG	
36.7																							TOC	
36.8																							IWRH	
36.9	100																							
37.1																								
37.2																								
37.3																								
37.4																								
37.5																							HSCH4	
37.6																							IWSQ	
37.7																								
37.8																								
37.9																								
38.0	200																							
38.1																								
38.2																							DIAT	MAJOR LITHOLOGY: clay Grainsize:
38.3																							PMAG	Color: N 2.5
38.4																							TOC	Sorting:
38.5																								Nature of bottom contact:
38.6																								Additional description:
38.7																								
38.8																							PP	
38.9																							PWAV	
39.0																							PMAG	
39.1	300																						DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
39.2																								Color: N 2.5
39.3																								Sorting: very well sorted
39.4																								Nature of bottom contact:
39.5																								Additional description:
39.6																							PP	MAJOR LITHOLOGY: clay Grainsize:
39.7																							PMAG	Color: N 2.5
39.8																							PWAV	Sorting:
39.9																							TOC	Nature of bottom contact:
40.0																							PAL	Additional description:
																							MPAL	

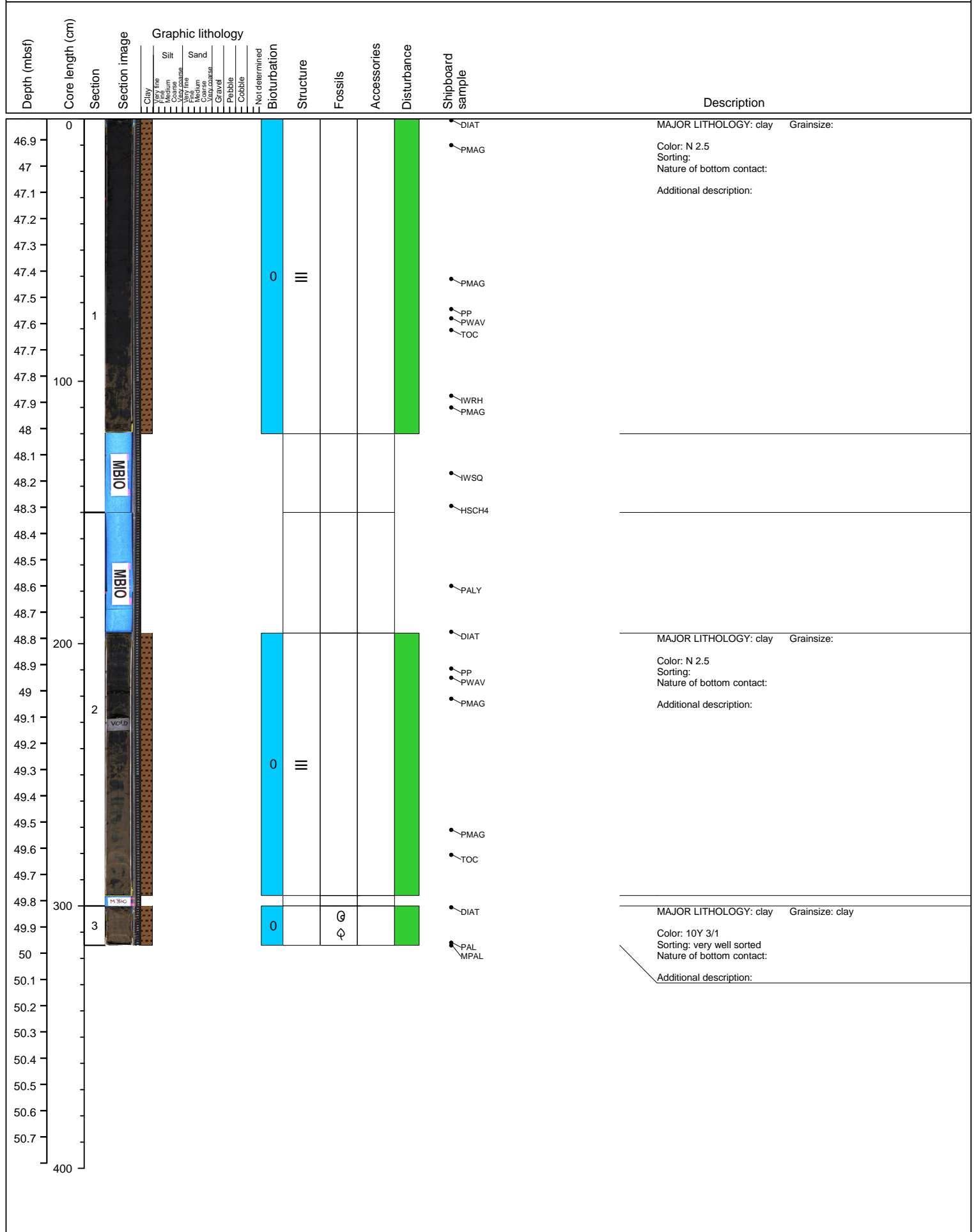
Site M0059 Hole C Core 13H Cored 39.3-42.6 mbsf											
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay Very fine Medium Coarse Very coarse Sand Very fine Medium Coarse Very coarse Gravel Pebble Cobble							
39.3	0									DIAT	MAJOR LITHOLOGY: clay Grainsize:
39.4										PMAG	Color: N 2.5
39.5											Sorting:
39.6											Nature of bottom contact:
39.7											Additional description:
39.8											
39.9					0					PP	
40.0	1									PWAV	
40.1										TOC	
40.2										PMAG	
40.3	100										
40.4											
40.5										IWRH	
40.6										PMAG	
40.7			MBO								
40.8										IWSQ	
40.9			MBO							HSCH4	
41.0											
41.1										DIAT	MAJOR LITHOLOGY: clay Grainsize:
41.2											Color:
41.3	200										Sorting:
41.4											Nature of bottom contact:
41.5											Additional description:
41.6	2										Black, organic-rich, massive, homogenous clay. Fine grained and well sorted.
41.7										PMAG	
41.8										TOC	
41.9										PALY	
42.0										PP	
42.1										PWAV	
42.2										PMAG	
42.3	300										
42.4	3				0					DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
42.5										PMAG	Color: 10Y 2.5/1
42.6										PP	Sorting: very well sorted
42.7										PWAV	Nature of bottom contact:
42.8										TOC	Additional description:
42.9										PAL	
43.0										MPAL	
43.1											
43.2											
43.3											
43.4											
43.5											
43.6											
43.7											
43.8											
43.9											
44.0											
44.1											
44.2											
44.3											
44.4											
44.5											
44.6											
44.7											
44.8											
44.9											
45.0											



Site M0059 Hole C Core 15H Cored 43.52-46.82 mbsf

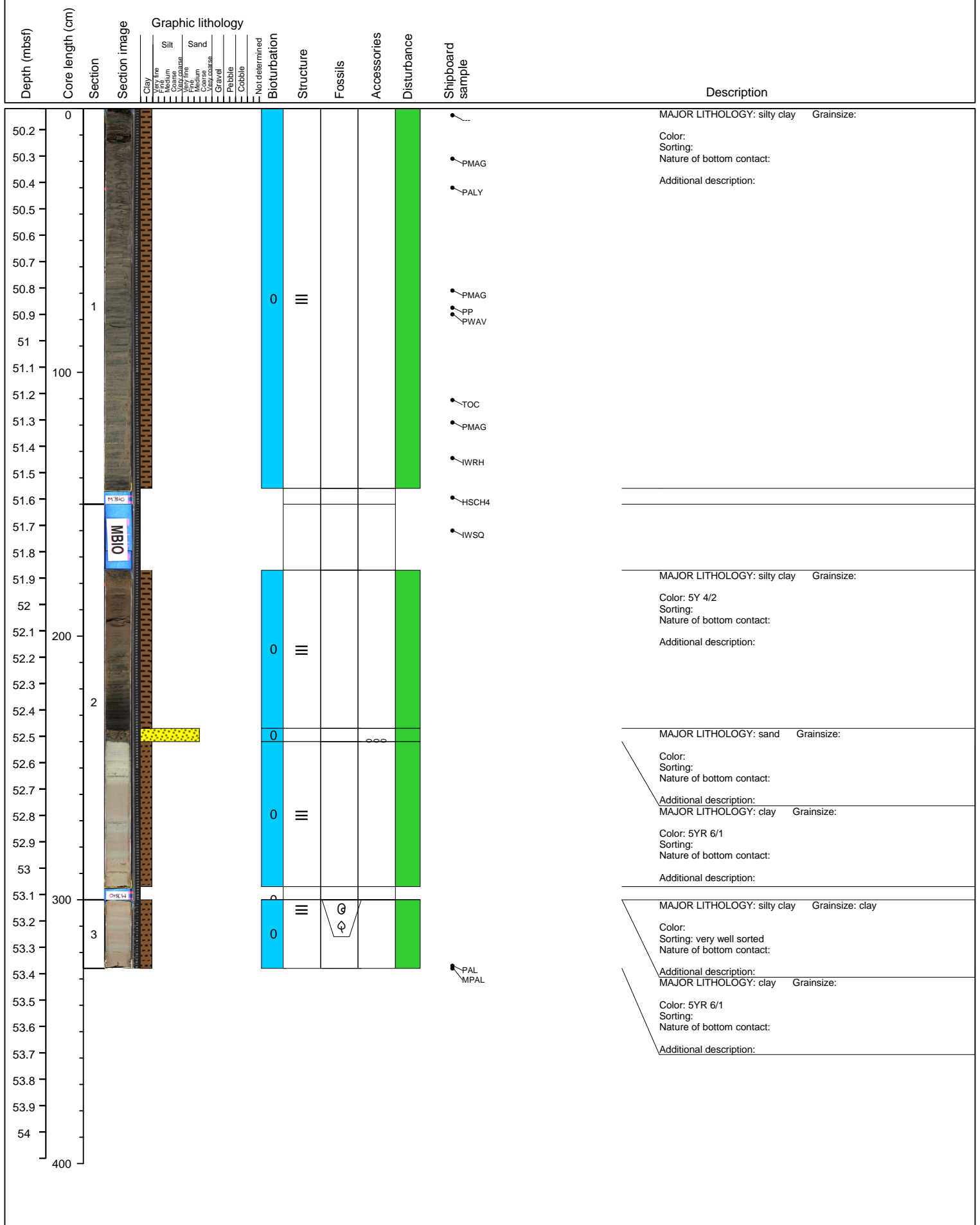


Site M0059 Hole C Core 16H Cored 46.82-50.12 mbsf





Site M0059 Hole C Core 17H Cored 50.12-53.42 mbsf



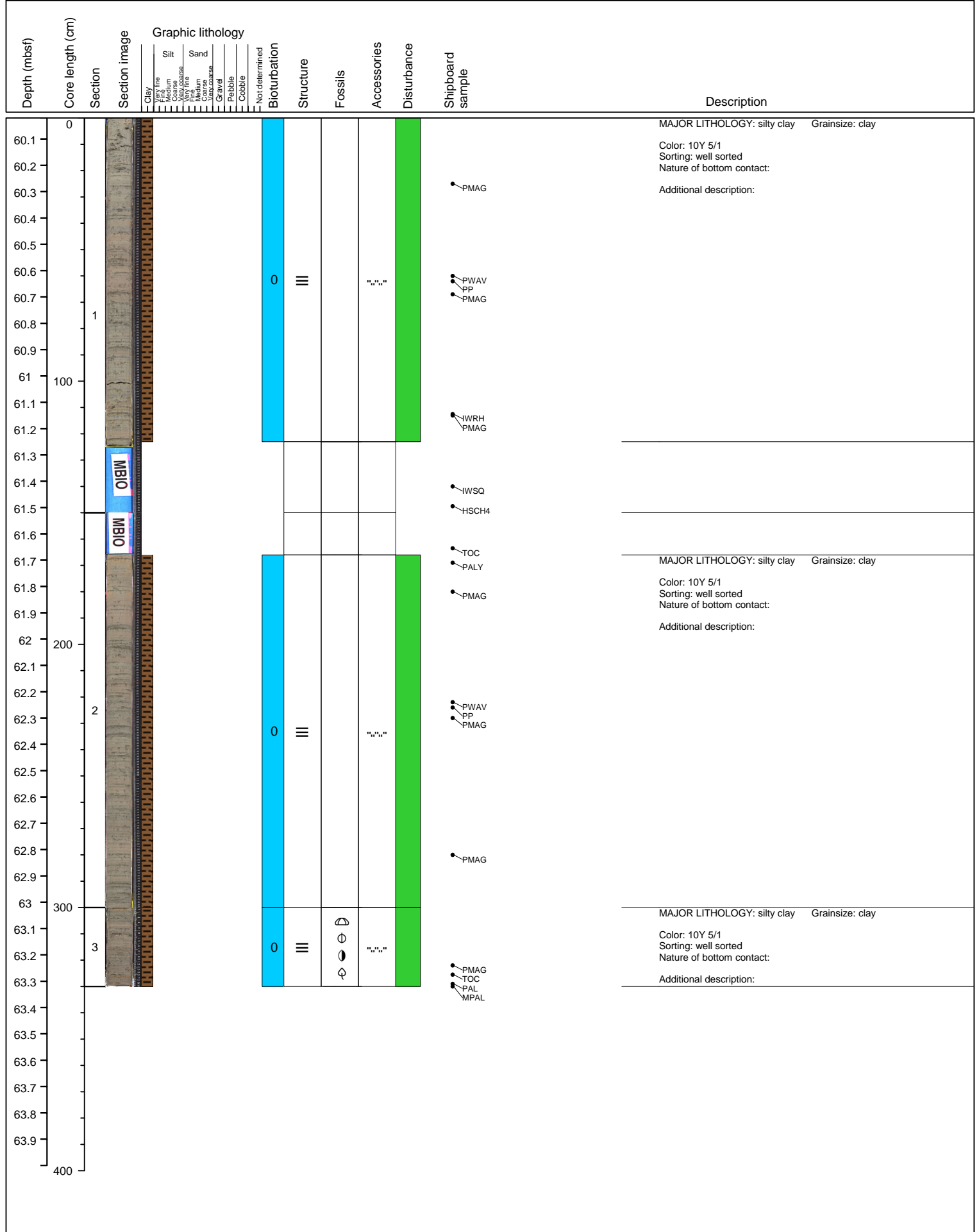
Site M0059 Hole C Core 18H Cored 53.42-56.72 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Very fine Silt	Medium Silt	Coarse Silt	Very fine Sand	Medium Sand	Coarse Sand	Gravel	Pebble	Cobble							
53.5	0																		DIAT	MAJOR LITHOLOGY: silty clay Grainsize:
53.6																			TOC	Color: 10YR 5/1
53.7																				Sorting: well sorted
53.8																				Nature of bottom contact:
53.9													0			"",",,"			PP	Additional description:
54.0																			PWAV	
54.1																			PMAG	
54.2	1																			
54.3																			WRH	
54.4	100																			
54.5																				
54.6																				
54.7																				
54.8																				
54.9																			HSCH4	
55.0																				
55.1																			WSQ	
55.2																				
55.3																				
55.4	200																			
55.5																			FORAM	MAJOR LITHOLOGY: silty clay Grainsize: clay
55.6																			PALY	Color: 10YR 5/1
55.7																			PMAG	Sorting: very well sorted
55.8																				Nature of bottom contact:
55.9													0			"",",,"			PP	Additional description:
56.0																			PWAV	
56.1																			PMAG	
56.2																				
56.3																				
56.4	300																			
56.5																				MAJOR LITHOLOGY: silty clay Grainsize: clay
56.6													0		⊕	"",",,"			TOC	Color: 10Y 5/1
56.7																			PMAG	Sorting: very well sorted
56.8																			PAL	Nature of bottom contact:
56.9																			MPAL	Additional description:
57.0																				
57.1																				
57.2																				
57.3																				
400																				

Site M0059 Hole C Core 19H Cored 56.72-60.02 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Shipboard sample	Description										
				Clay	Very fine Silt	Medium Silt	Very coarse Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble	Cobble			Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance				
56.8																								MAJOR LITHOLOGY: silty clay Grainsize: Color: 10YR 5/1 Sorting: well sorted Nature of bottom contact: Additional description:	
56.9																								PMAG	
57.1																									
57.2																									
57.3																									
57.4																								PMAG PP	
57.5																									
57.6																									
57.7																									
57.8																								TOC NWRH PMAG	
57.9																									
58																									
58.1																									
58.2																								HSC4	
58.3																									
58.4																								IWSQ	
58.5																									
58.6																							PALY	MAJOR LITHOLOGY: silty clay Grainsize: Color: 10Y 5/1 Sorting: well sorted Nature of bottom contact: Additional description:	
58.7																									
58.8																									
58.9																							PMAG PP PWAV		
59																									
59.1																									
59.2																									
59.3																									
59.4																									
59.5																							PMAG		
59.6																									
59.7																									
59.8																								MAJOR LITHOLOGY: clay Grainsize: clay Color: 10Y 5/1 Sorting: well sorted Nature of bottom contact: Additional description:	
59.9																									
60																							PMAG TOC		
60.1																							PP PWAV		
60.2																							PAL MPAL		
60.3																									
60.4																									
60.5																									
60.6																									
400																									

Site M0059 Hole C Core 20H Cored 60.02-63.32 mbsf



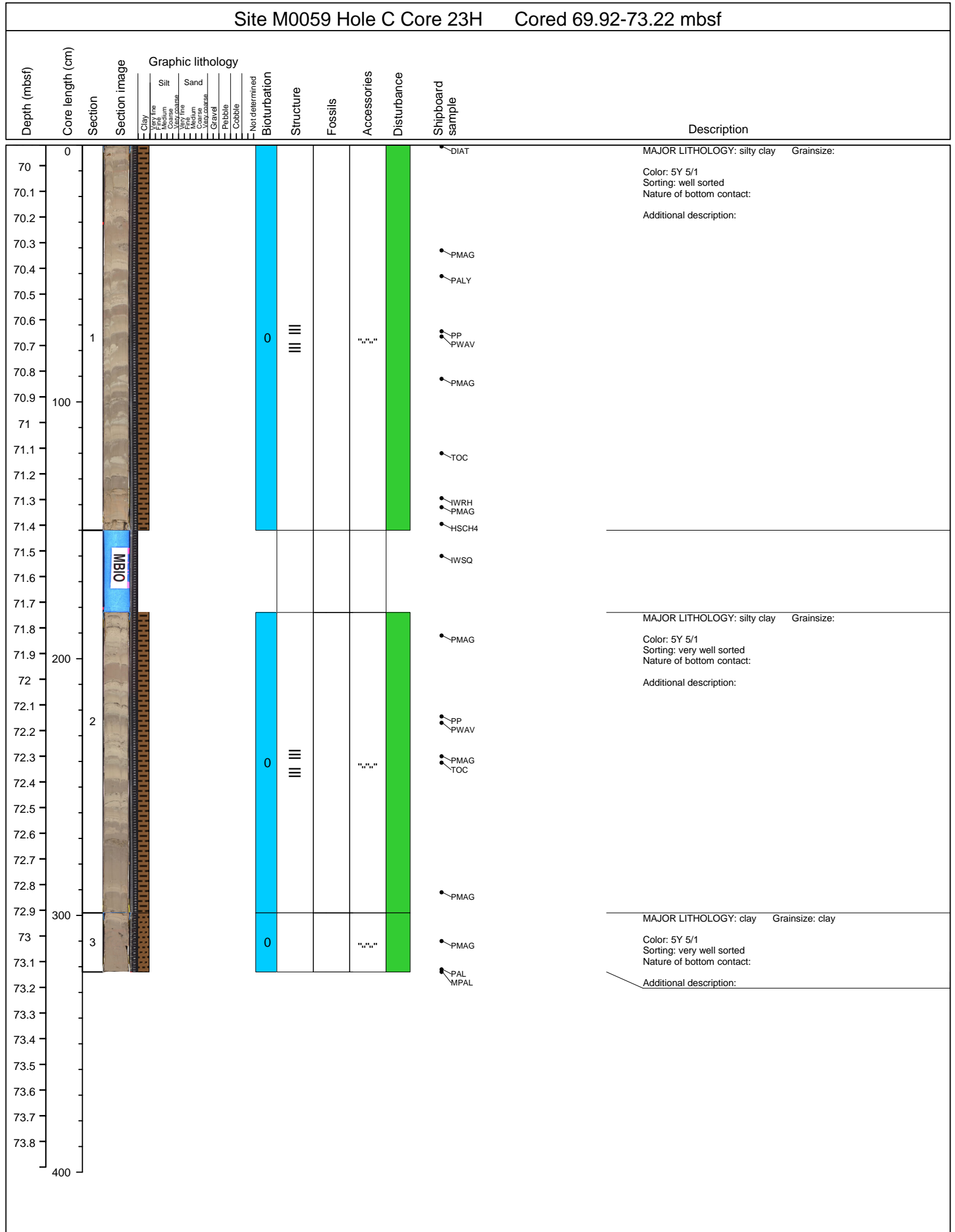
Site M0059 Hole C Core 21H Cored 63.32-66.62 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Very fine Silt	Medium Silt	Very coarse Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble	Cobble							
63.4	0																		PMAG	MAJOR LITHOLOGY: clay Grainsize: Color: 10YR 4/2 Sorting: well sorted Nature of bottom contact: Additional description:
63.5																				
63.6																				
63.7																				
63.8																				
63.9																			PP	
64																			PMAG	
64.1	1																			
64.2																				
64.3																			IWRH	
64.4	100																		TOC	
64.5																				
64.6																				
64.7																				
64.8																			IWSQ	
64.9																				
65																				
65.1																				
65.2																				
65.3	200																			
65.4																				MAJOR LITHOLOGY: clay Grainsize: Color: 10YR 4/2 Sorting: well sorted Nature of bottom contact: transitional
65.5																			PMAG	Additional description:
65.6	2																		PP PALY	MAJOR LITHOLOGY: silty clay Grainsize: Color: 10Y 5/1 Sorting: well sorted Nature of bottom contact: Additional description:
65.7																				
65.8																				
65.9																				
66																			PMAG	
66.1																			TOC	
66.2																				
66.3	300																			
66.4																				MAJOR LITHOLOGY: clay Grainsize: clay Color: 10Y 5/1 Sorting: very well sorted Nature of bottom contact: transitional
66.5																				Additional description:
66.6																			PP PWAV	
66.7																			PMAG	MAJOR LITHOLOGY: clay Grainsize: Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
66.8																			PAL MPAL	
66.9																				
67																				
67.1																				
67.2																				
400																				

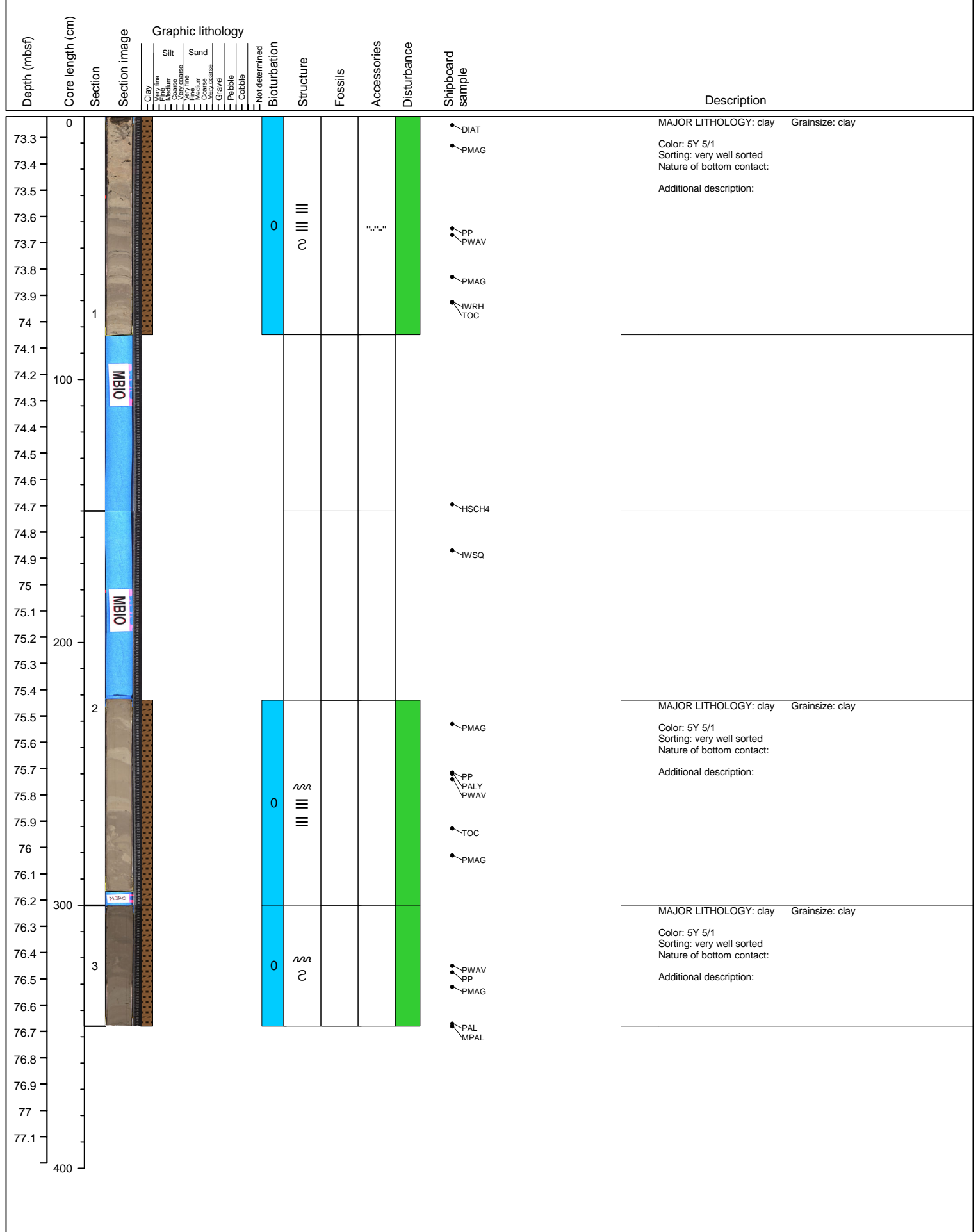
Site M0059 Hole C Core 22H Cored 66.62-69.92 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay Very fine Medium Coarse Very fine Medium Coarse Gravel Pebble Cobble	Silt Very fine Medium Coarse Very fine Medium Coarse	Sand Very fine Medium Coarse					
66.7	0										MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
66.8											
66.9											
67.0		1			0			"",",,"		PMAG PP PWAV	
67.1											
67.2											
67.3											
67.4											
67.5										PMAG	
67.6	100										
67.7										TOC WRH	
67.8											
67.9											
68.0											
68.1										WSQ HSCH4	
68.2											
68.3											
68.4											MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
68.5										PMAG	
68.6	200										
68.7										PALY PP PWAV	
68.8											
68.9		2			0			"",",,"		PMAG TOC	
69.0											
69.1											
69.2											
69.3											
69.4											
69.5											
69.6	300										
69.7											MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
69.8		3			0			"",",,"		PMAG	
69.9										PAL MPAL	
70.0											
70.1											
70.2											
70.3											
70.4											
70.5											
400											

Site M0059 Hole C Core 23H Cored 69.92-73.22 mbsf

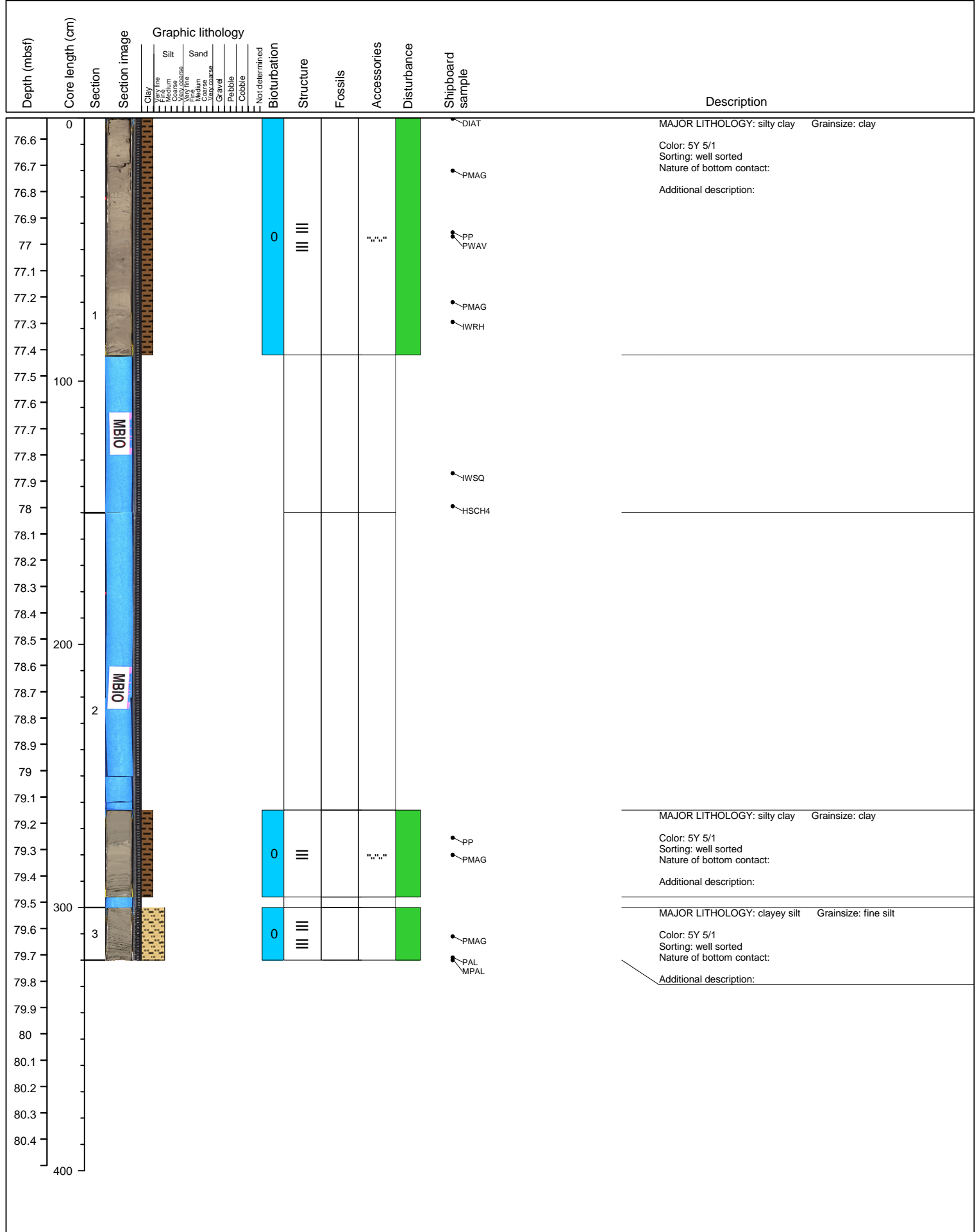


Site M0059 Hole C Core 24H Cored 73.22-76.52 mbsf

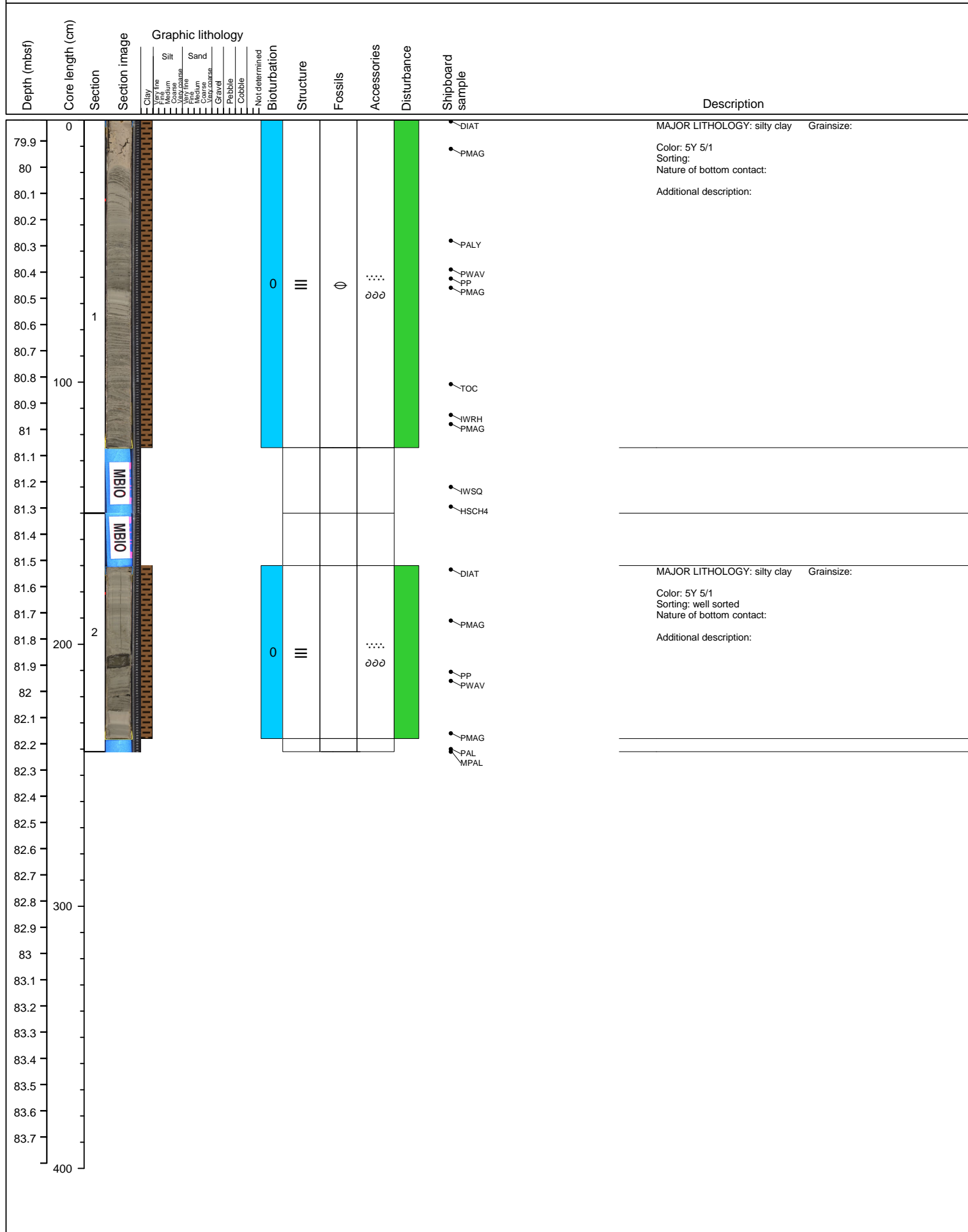




Site M0059 Hole C Core 25H Cored 76.52-79.82 mbsf



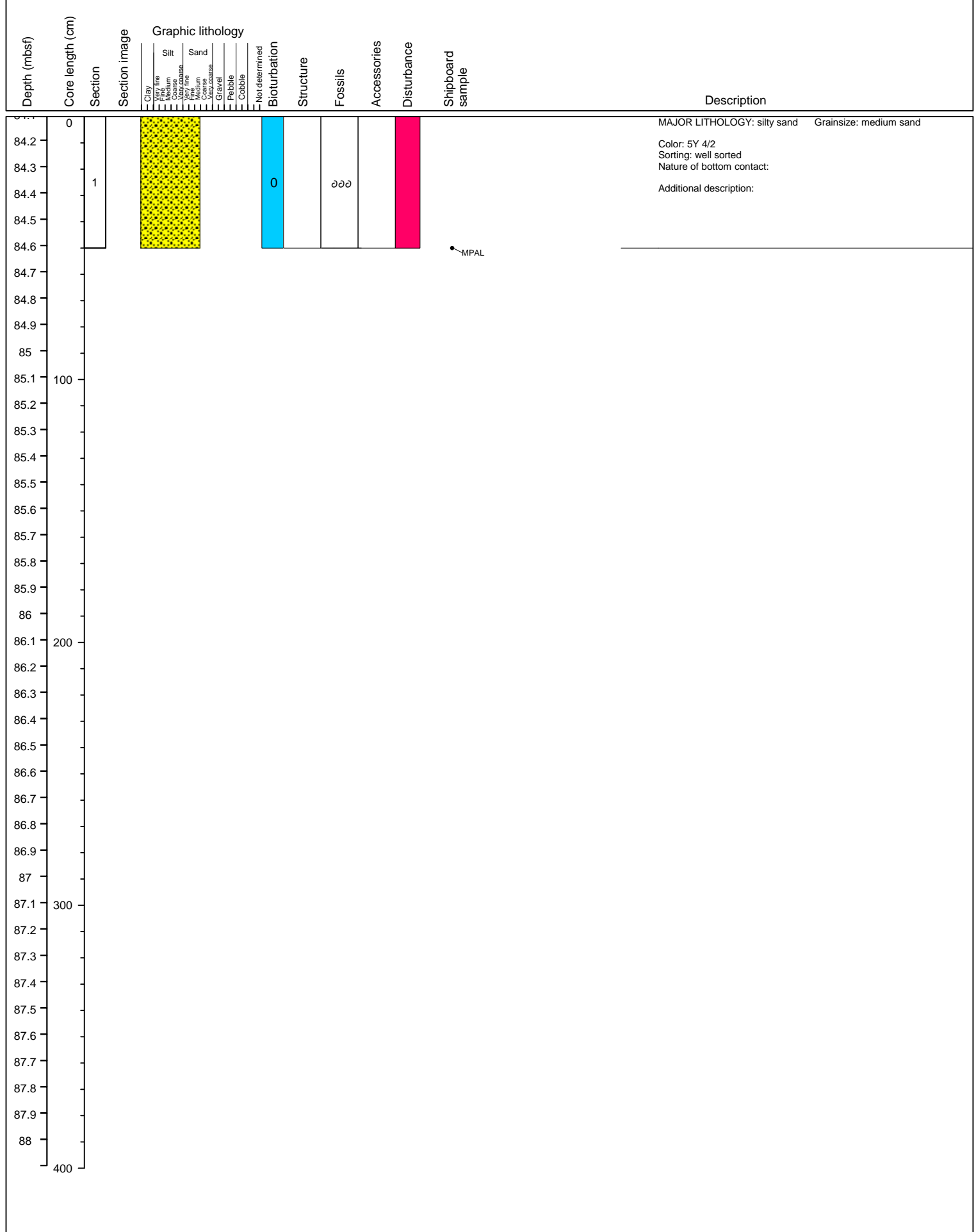
Site M0059 Hole C Core 26H Cored 79.82-82.23 mbsf



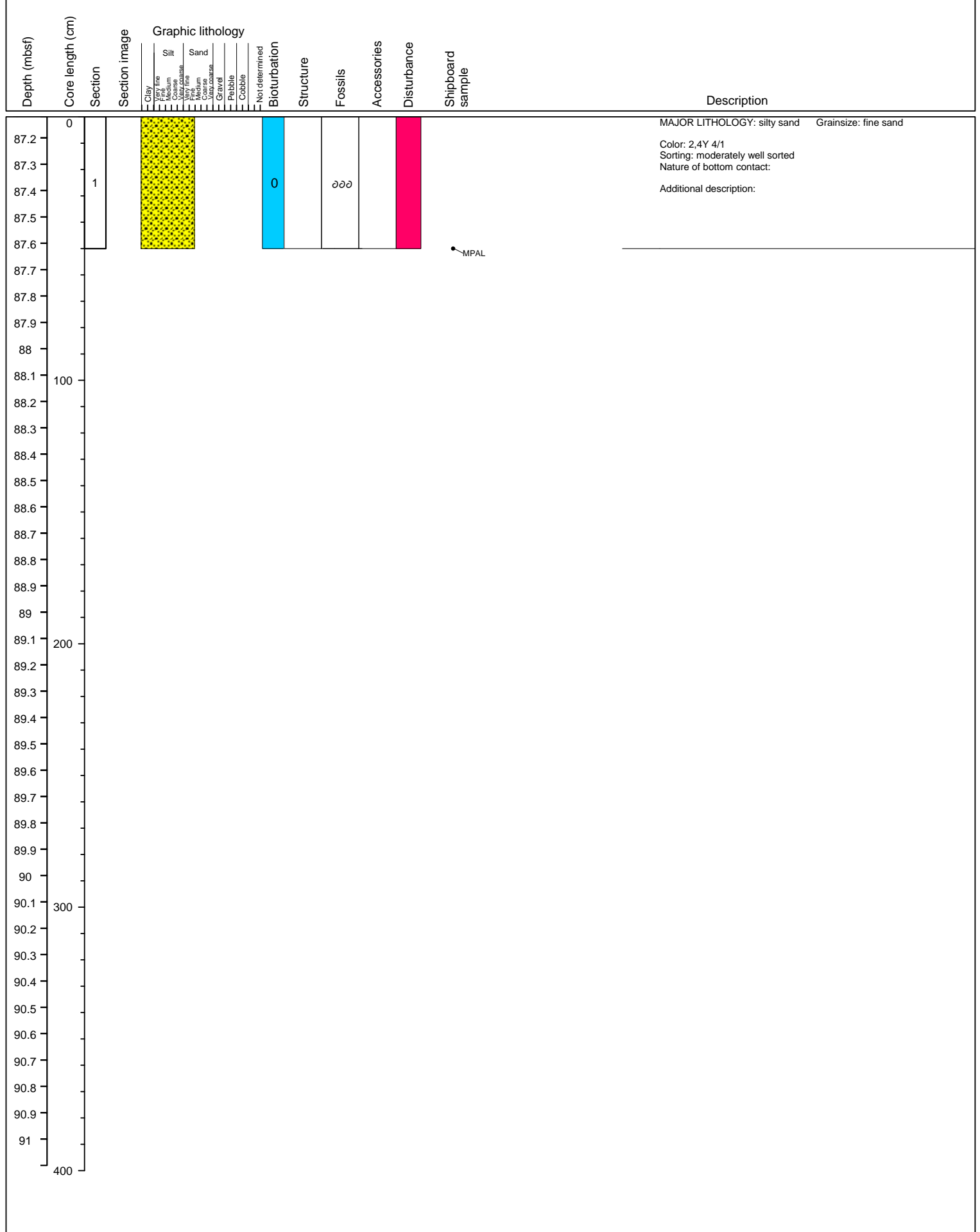
Site M0059 Hole C Core 27H Cored 82.23-84.11 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Clay	Silt	Sand	Gravel	Pebble	Cobble	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description				
82.3	0																	DIAT	MAJOR LITHOLOGY: sand Grainsize: medium sand			
82.4																			PP	Color: 5Y 5/1		
82.5																				PMAG	Sorting: well sorted	
82.6																					Nature of bottom contact:	
82.7																					Additional description:	
82.8																						
82.9																						
83	1																					
83.1																						
83.2	100																					
83.3																						
83.4																						
83.5																						
83.6																						
83.7																						
83.8																			MAJOR LITHOLOGY: sand Grainsize: medium sand			
83.9	2																	PP	Color: 5Y 5/1			
84																		TOC	Sorting: well sorted			
84.1																		PALY	Nature of bottom contact:			
84.2																		PMAG	Additional description:			
84.3	200																	PAL				
84.4																		MPAL				
84.5																						
84.6																						
84.7																						
84.8																						
84.9																						
85																						
85.1																						
85.2	300																					
85.3																						
85.4																						
85.5																						
85.6																						
85.7																						
85.8																						
85.9																						
86																						
86.1																						
400																						

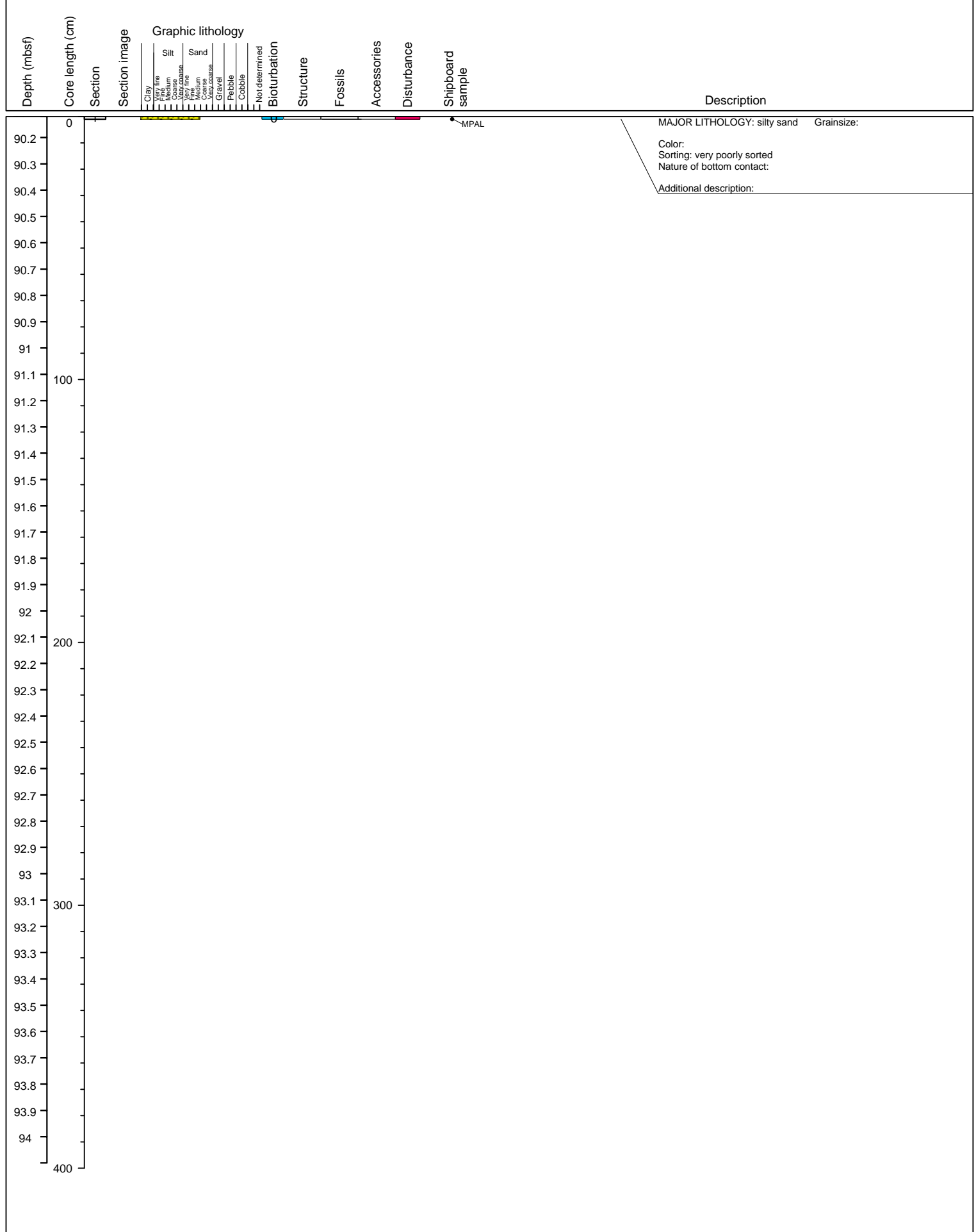
Site M0059 Hole C Core 28S Cored 84.11-84.61 mbsf



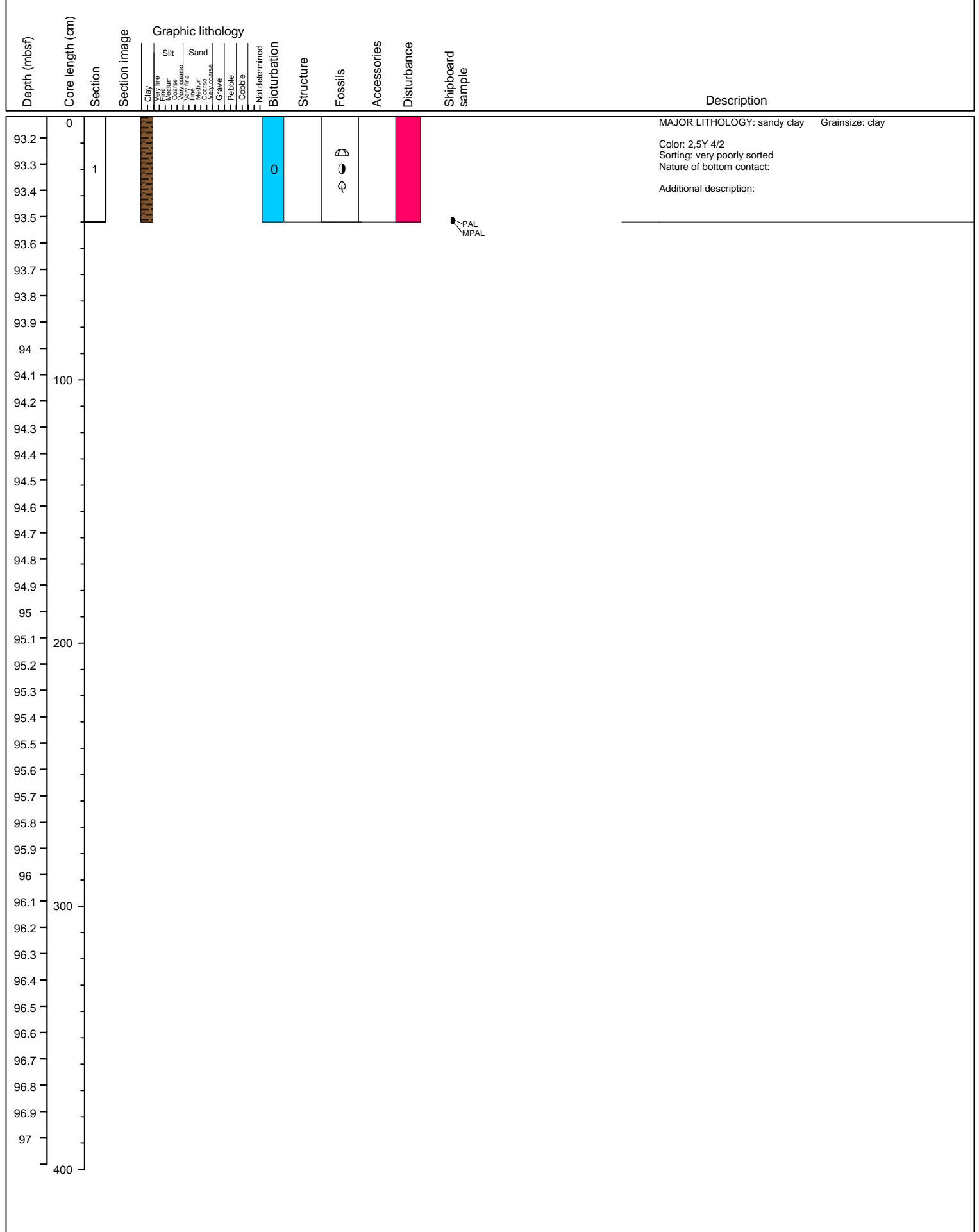
Site M0059 Hole C Core 30S Cored 87.12-87.62 mbsf



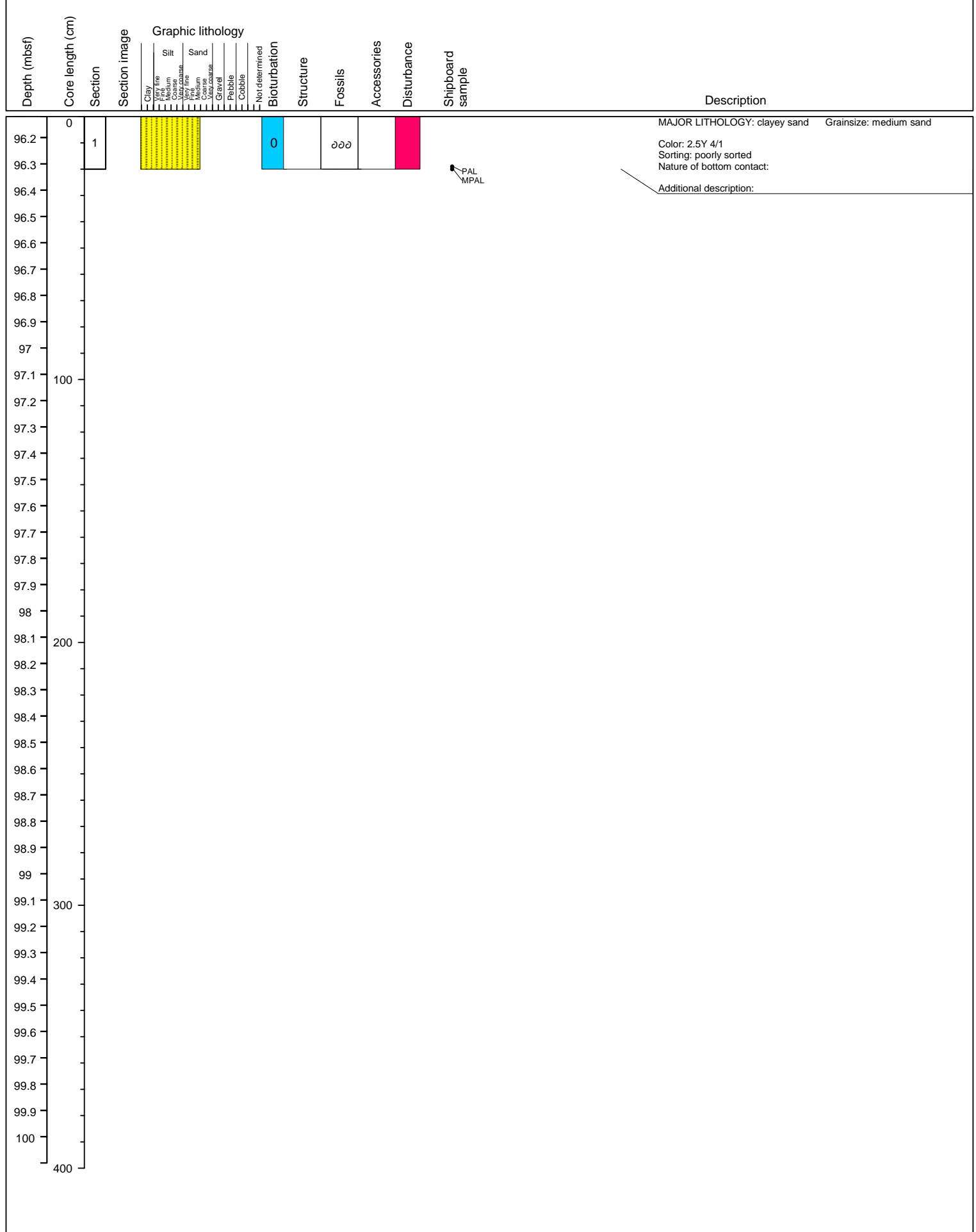
Site M0059 Hole C Core 32S Cored 90.12-90.13 mbsf



Site M0059 Hole C Core 34S Cored 93.12-93.52 mbsf

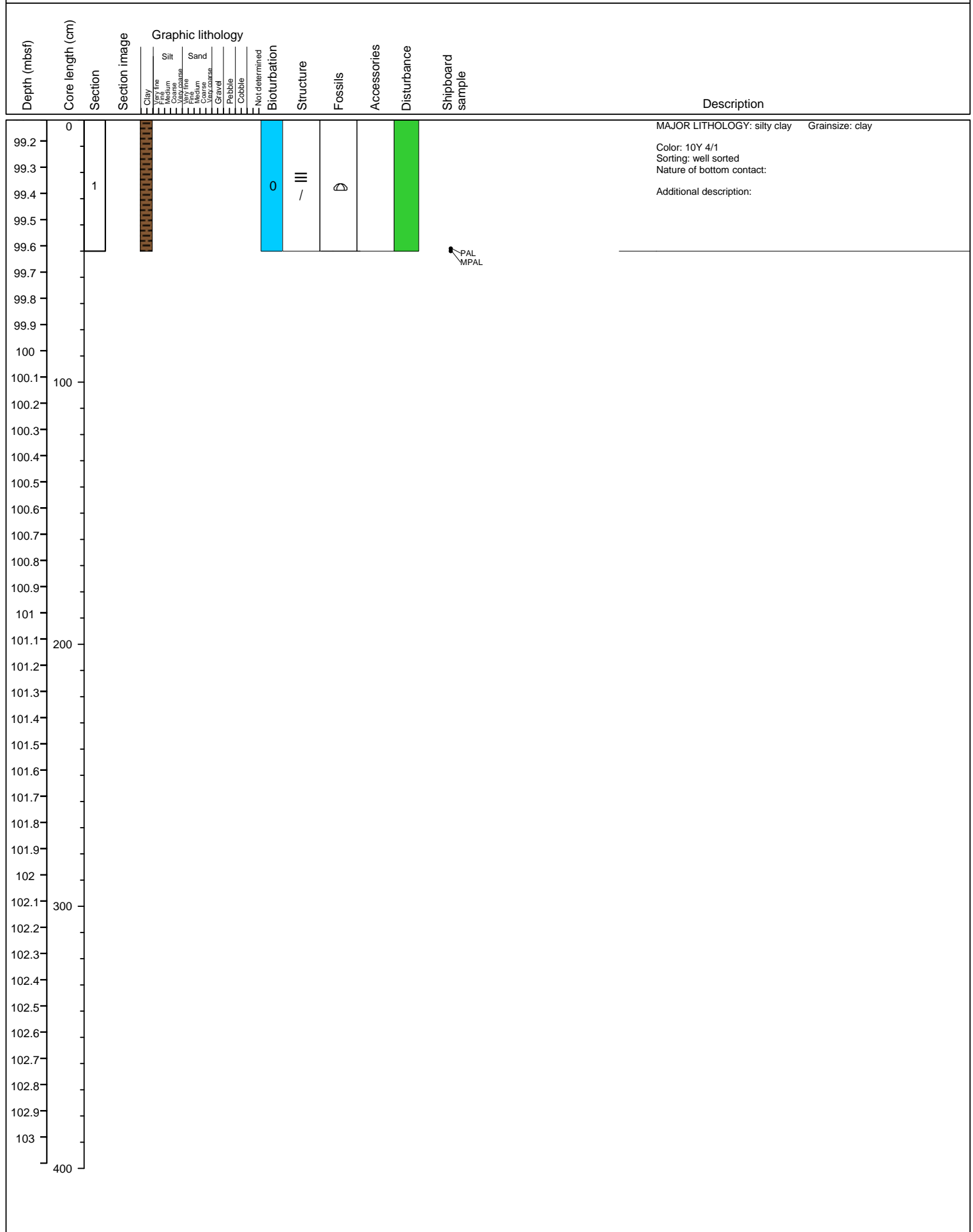


Site M0059 Hole C Core 36S Cored 96.12-96.32 mbsf

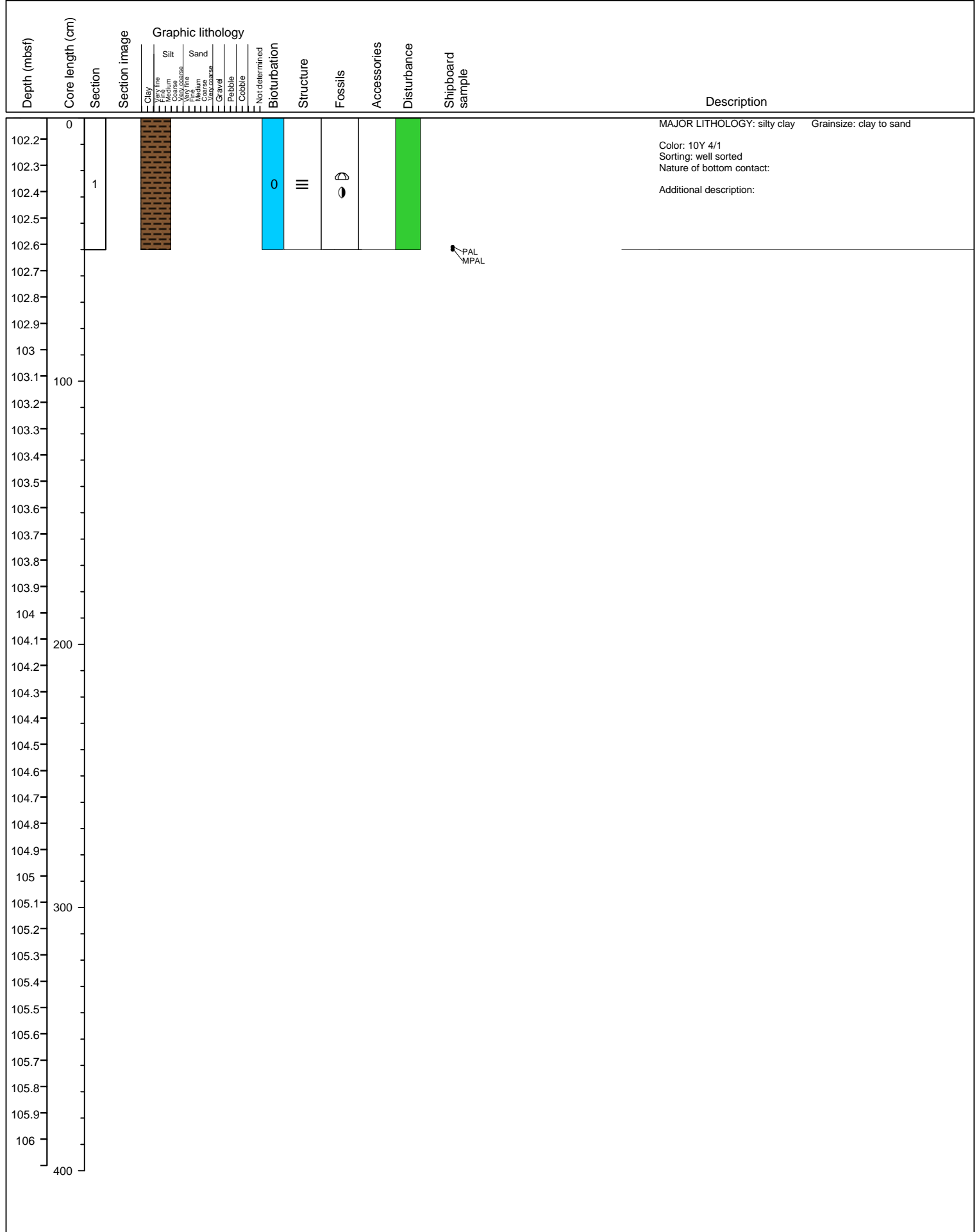




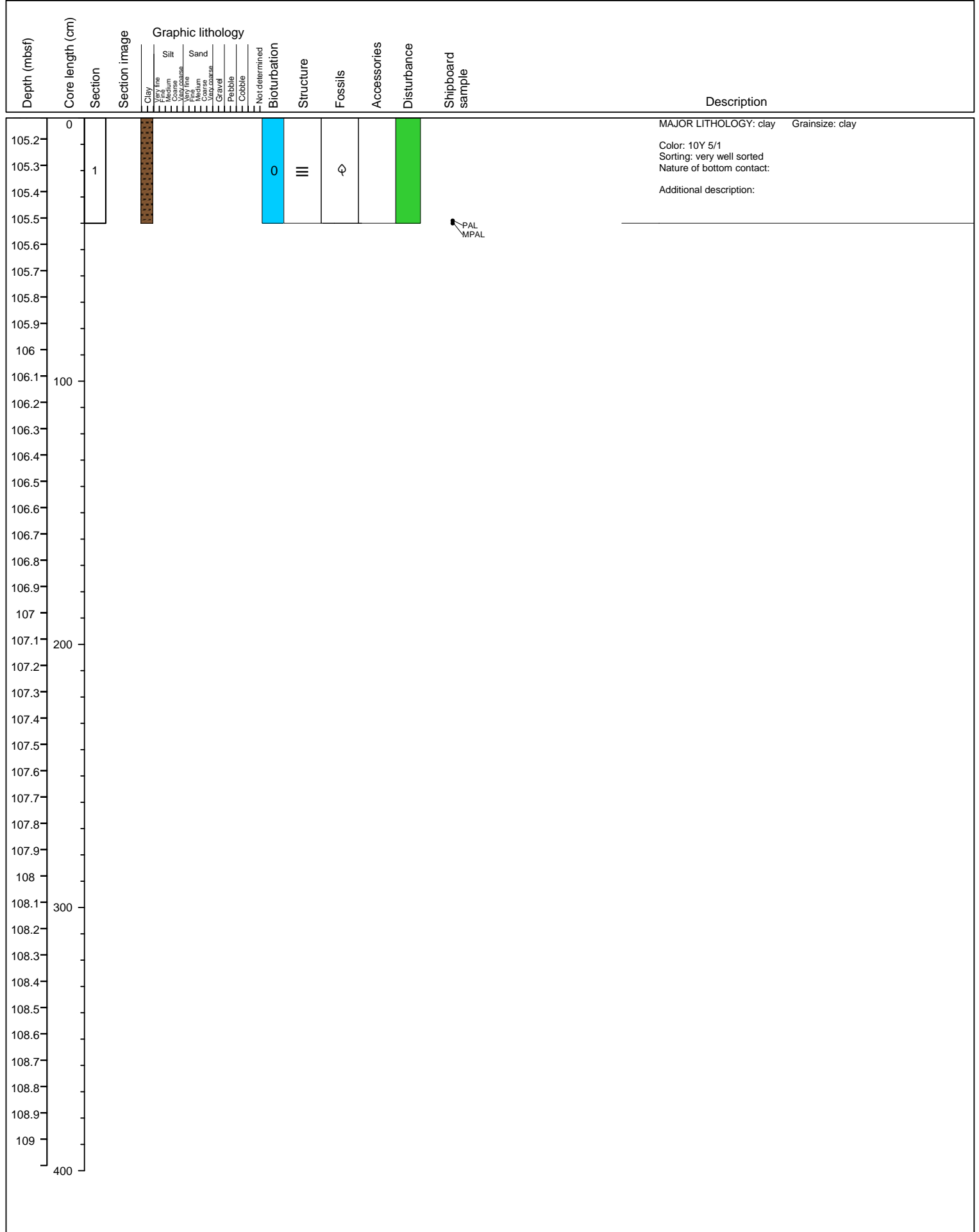
Site M0059 Hole C Core 38S Cored 99.12-99.62 mbsf



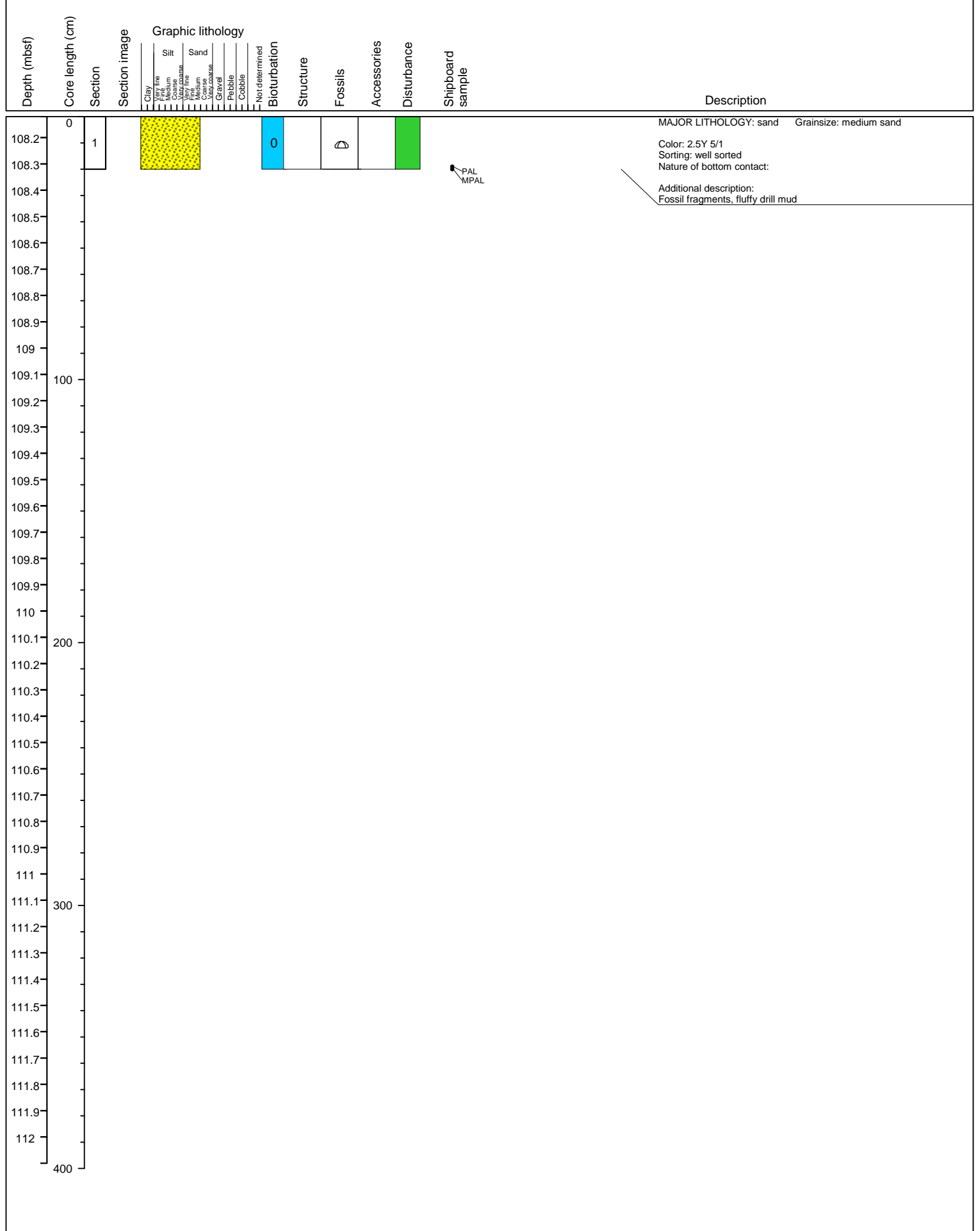
Site M0059 Hole C Core 40S Cored 102.12-102.62 mbsf



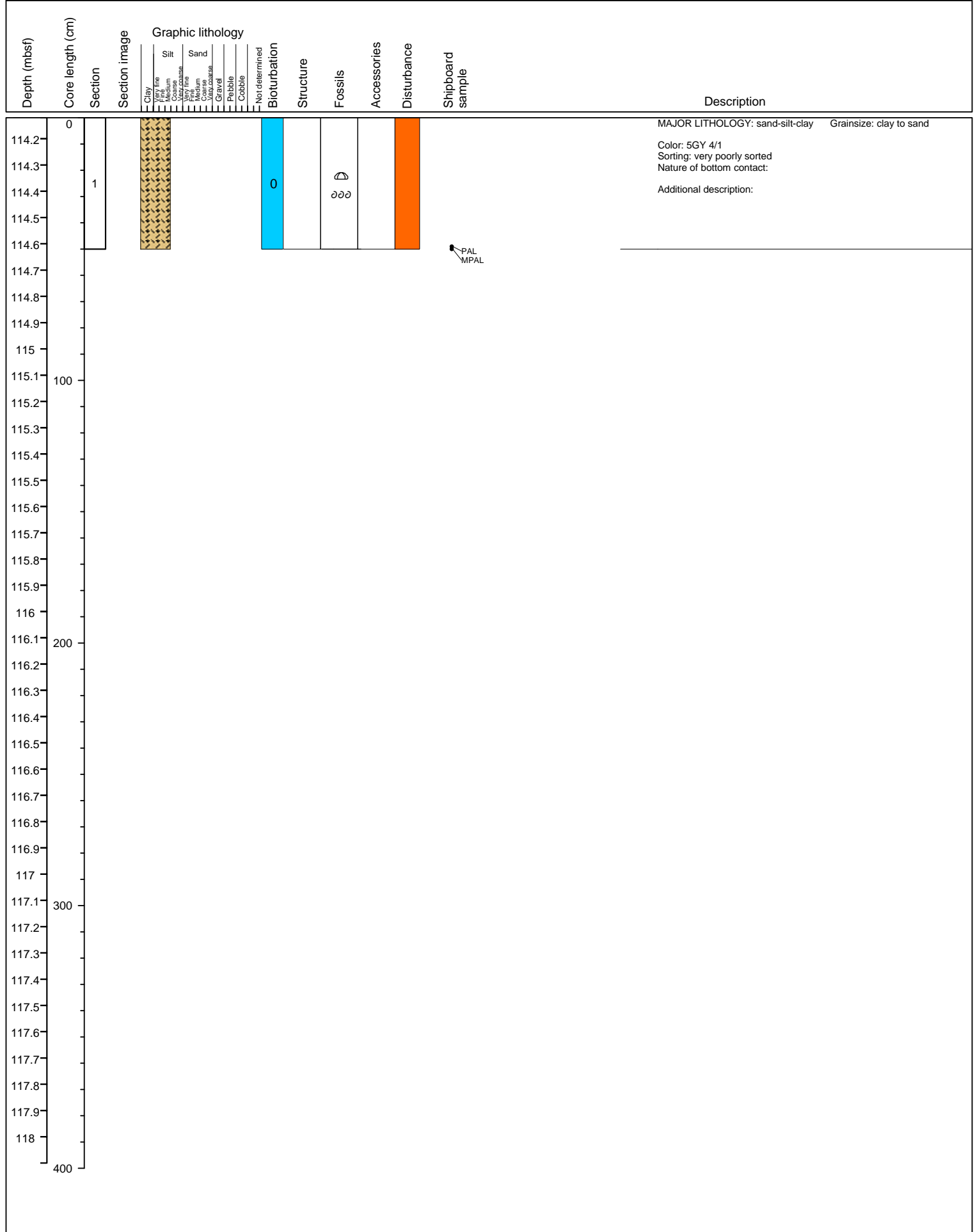
Site M0059 Hole C Core 42S Cored 105.12-105.52 mbsf



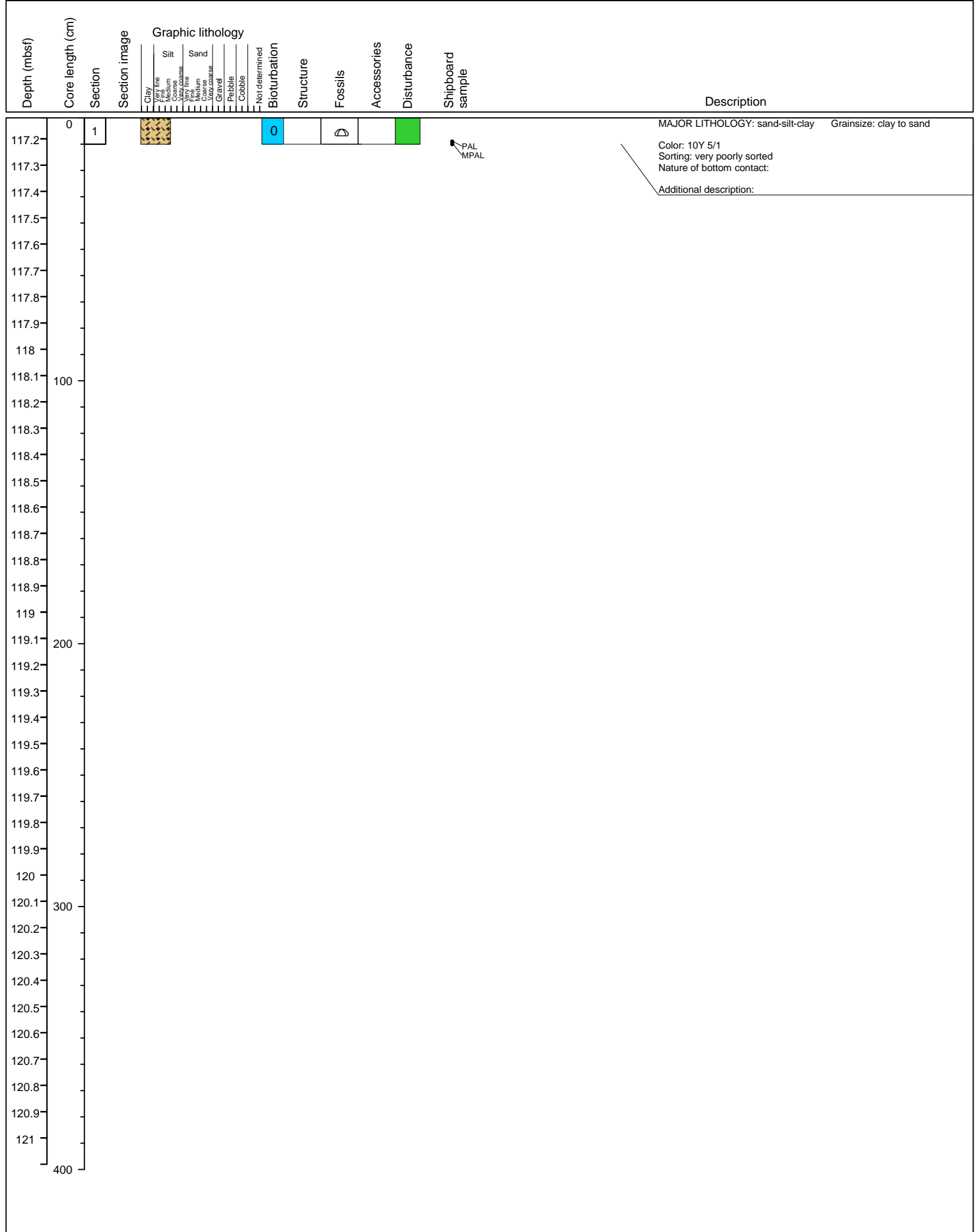
Site M0059 Hole C Core 44S Cored 108.12-108.32 mbsf



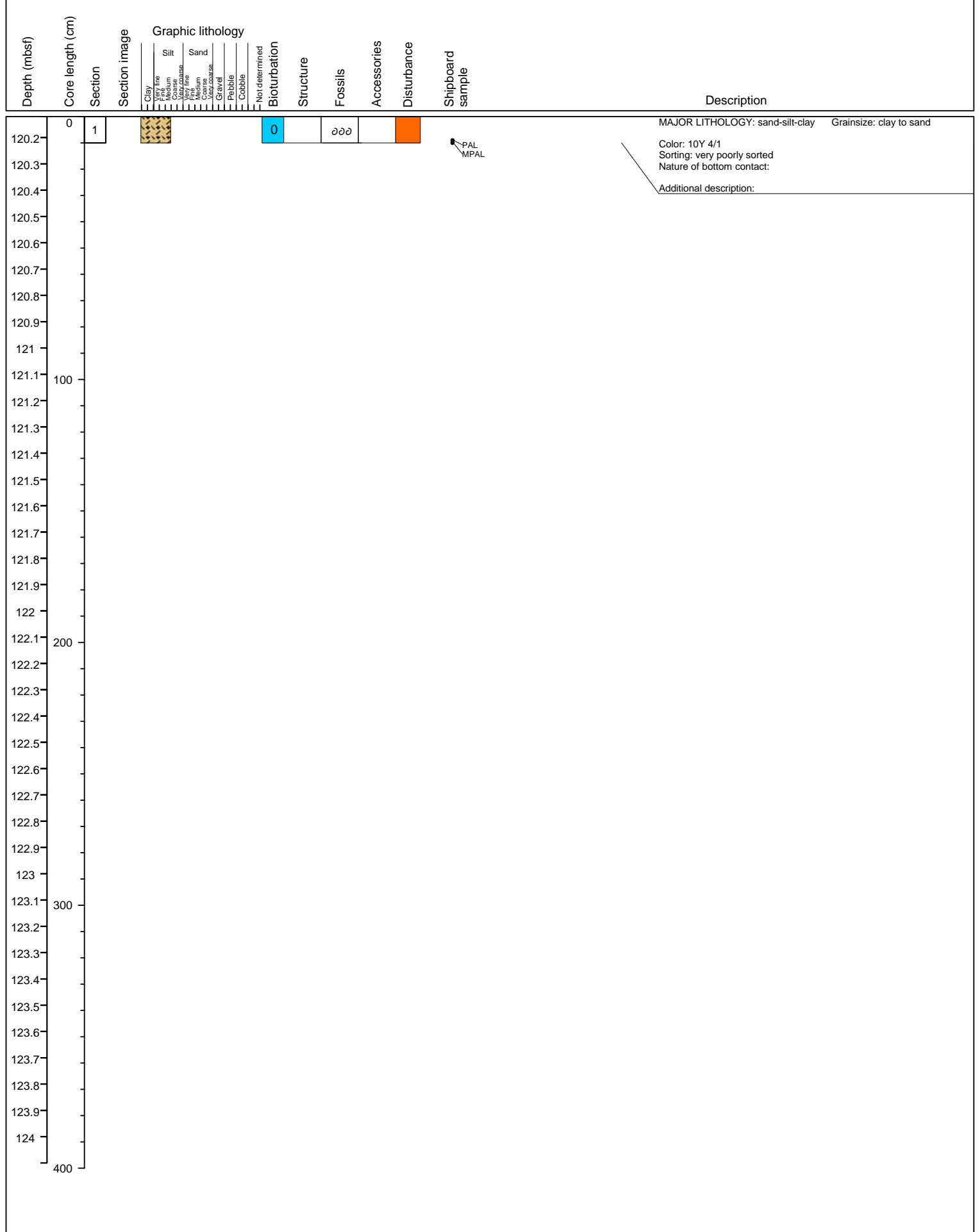
Site M0059 Hole C Core 48S Cored 114.12-114.62 mbsf



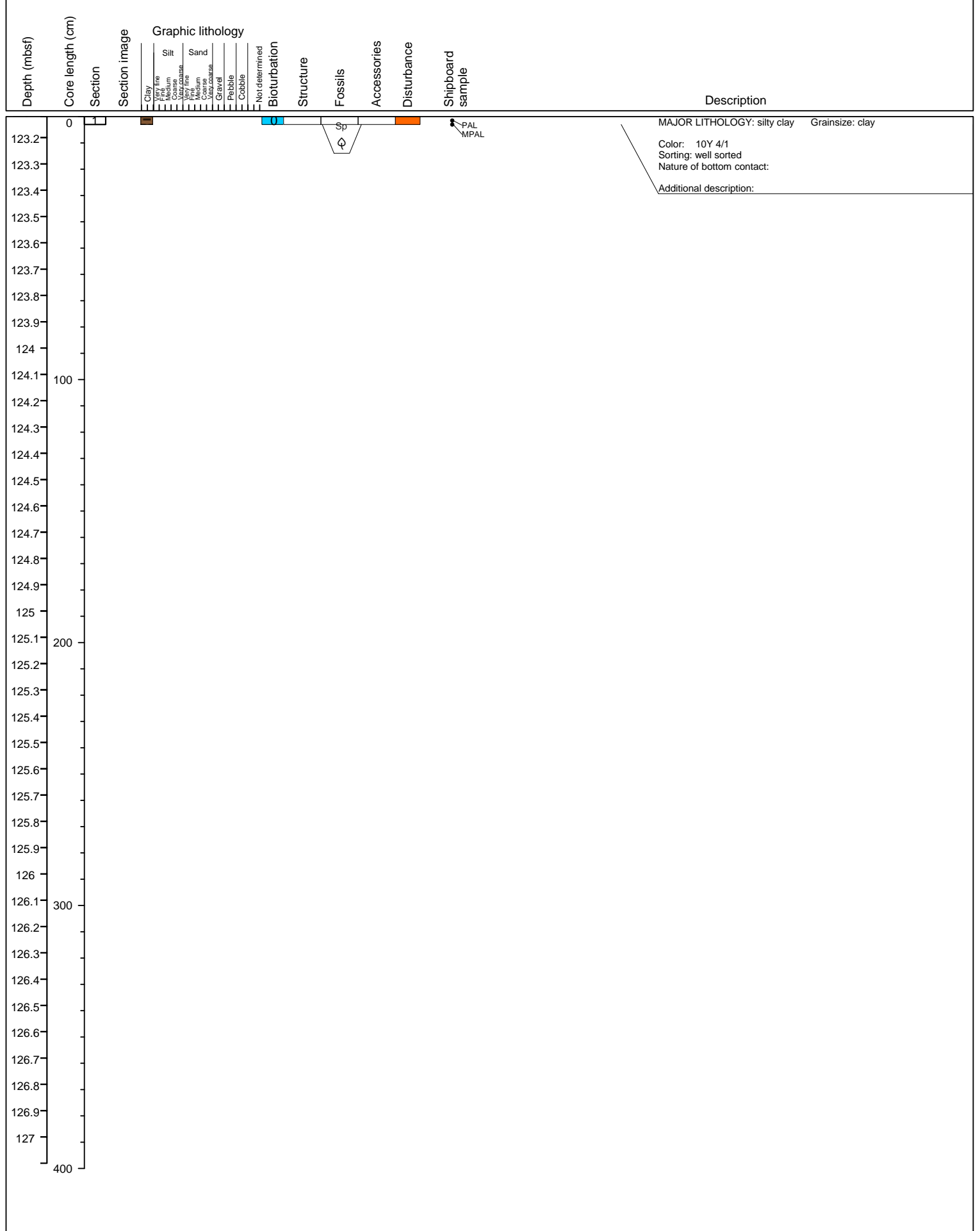
Site M0059 Hole C Core 50S Cored 117.12-117.22 mbsf



Site M0059 Hole C Core 52S Cored 120.12-120.22 mbsf

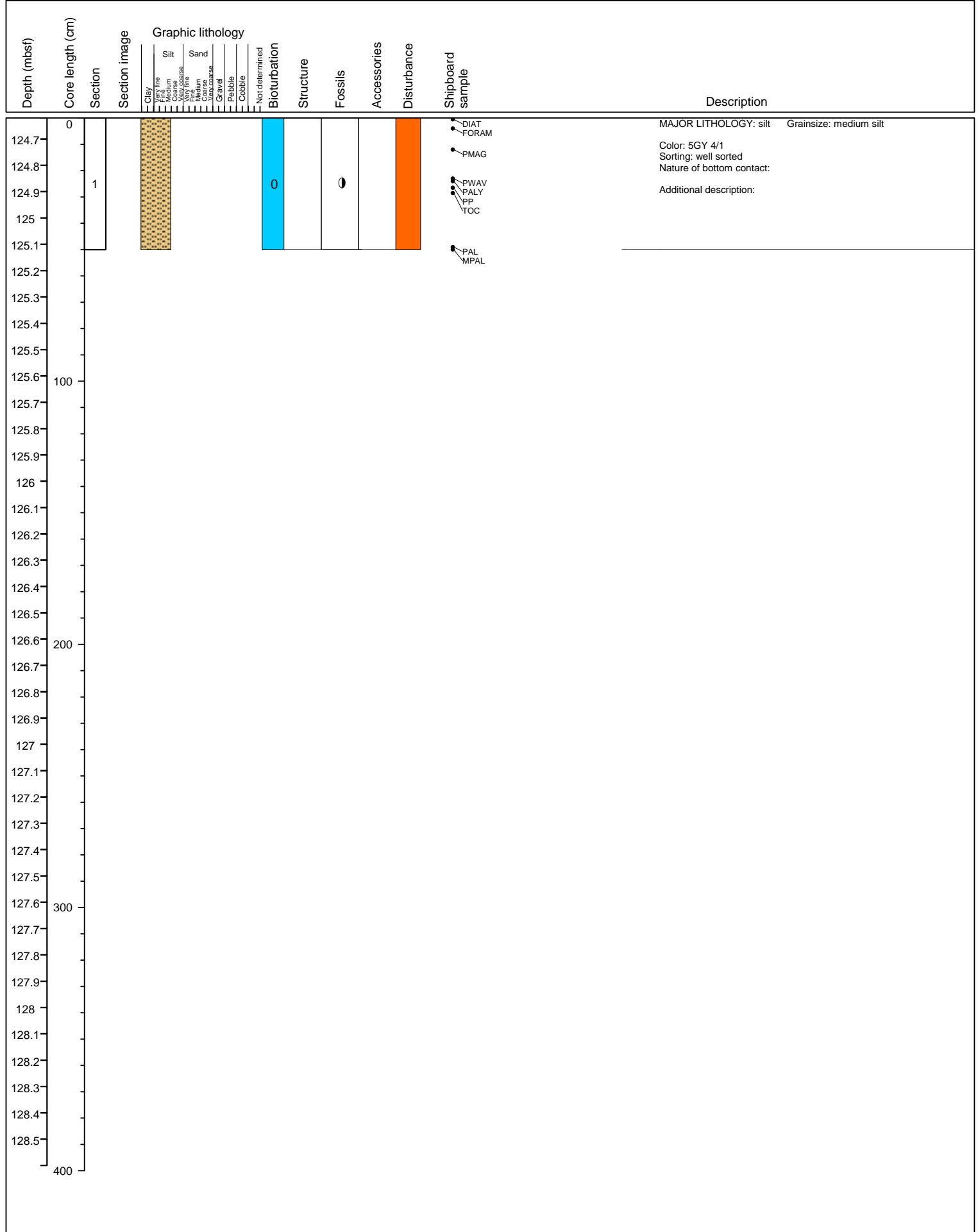


Site M0059 Hole C Core 54S Cored 123.12-123.15 mbsf

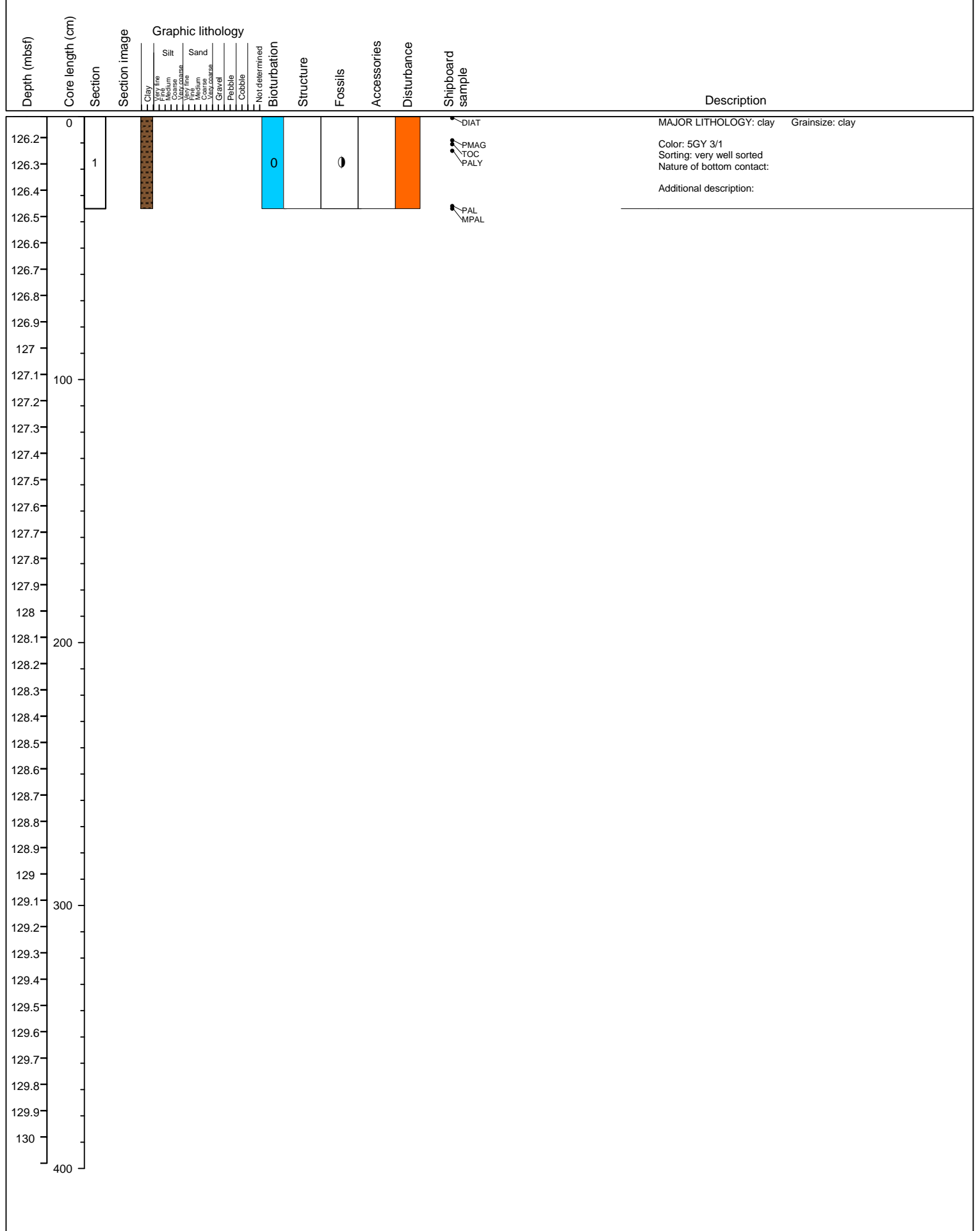




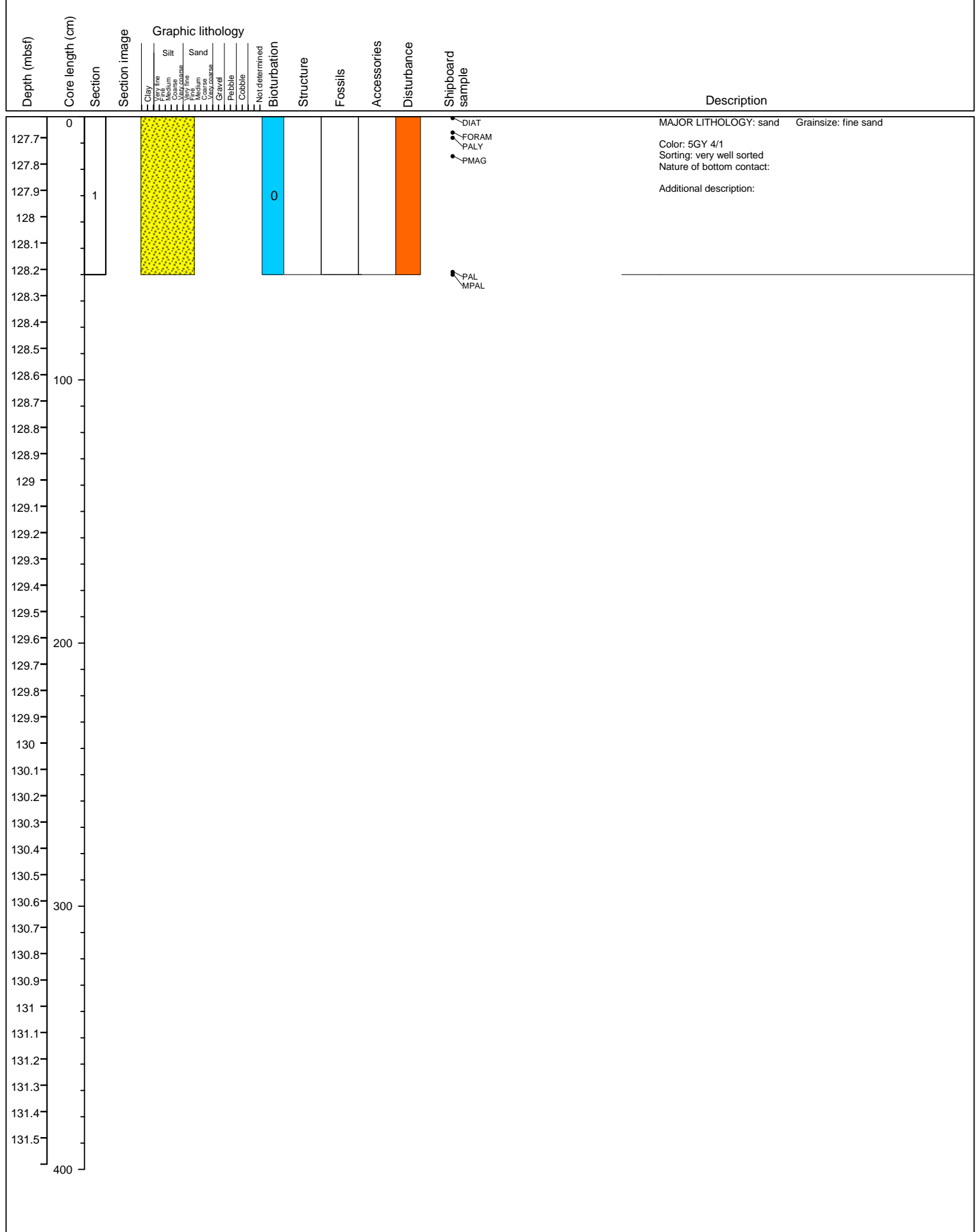
Site M0059 Hole C Core 56S Cored 124.62-125.12 mbsf

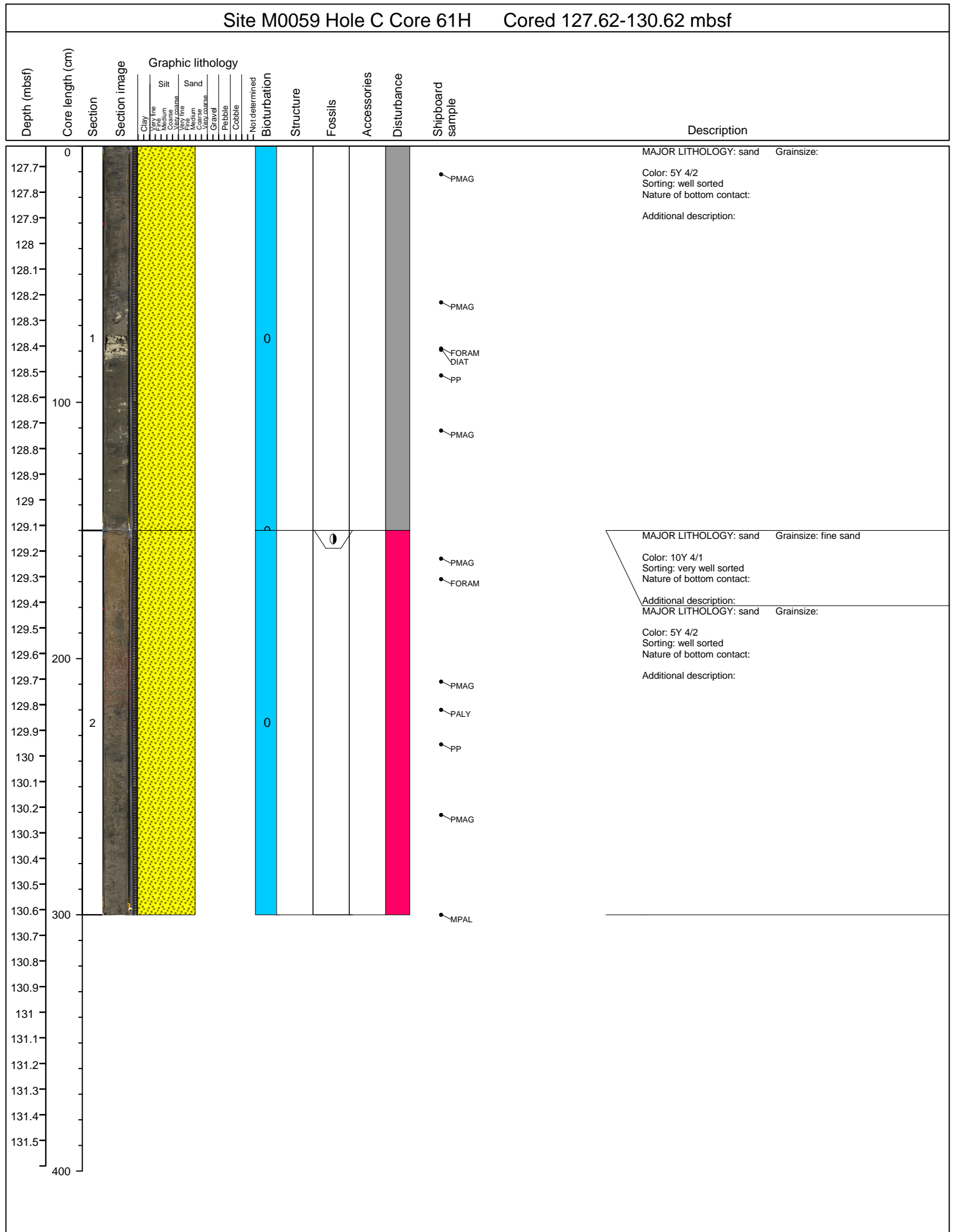


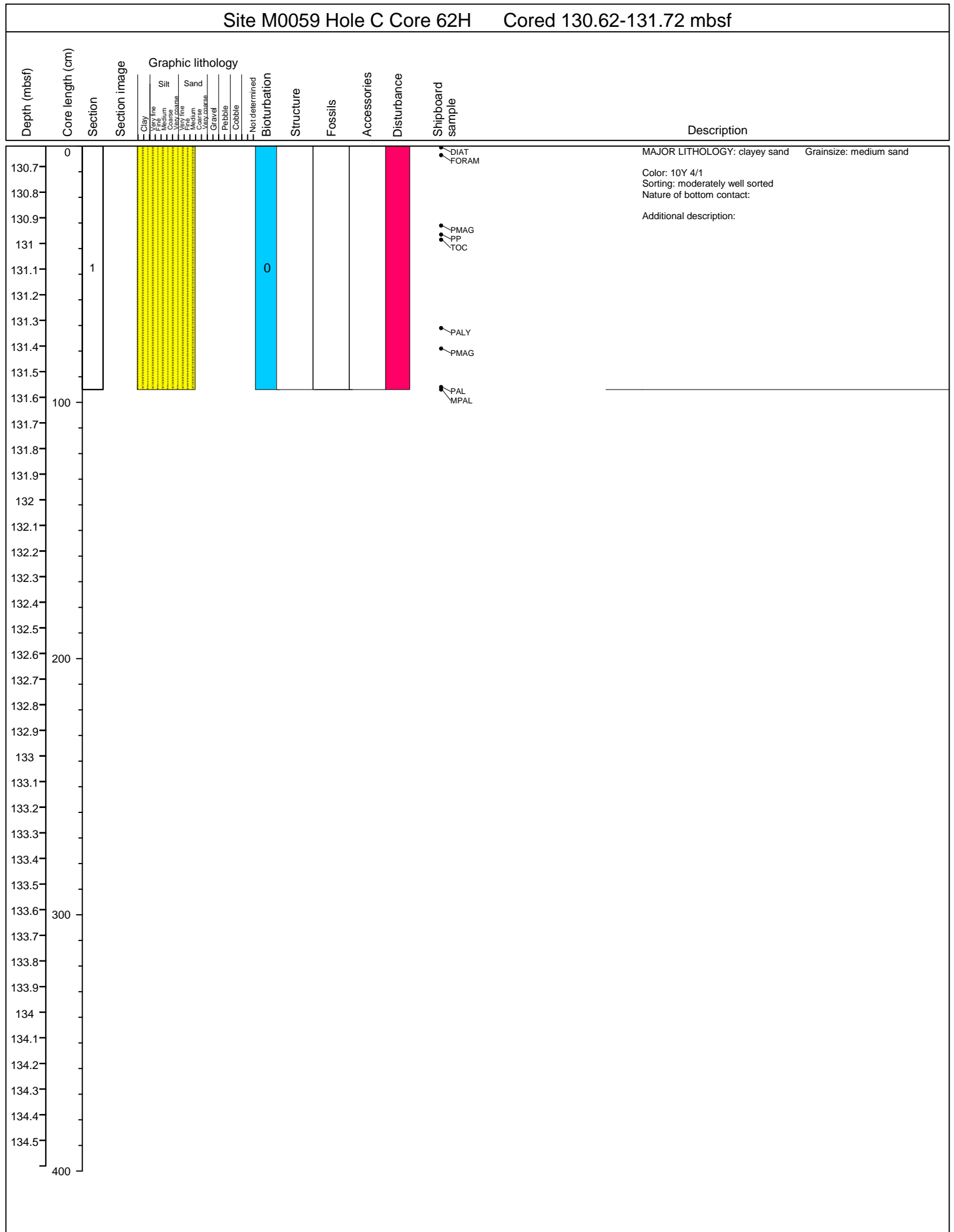
Site M0059 Hole C Core 58S Cored 126.12-126.47 mbsf

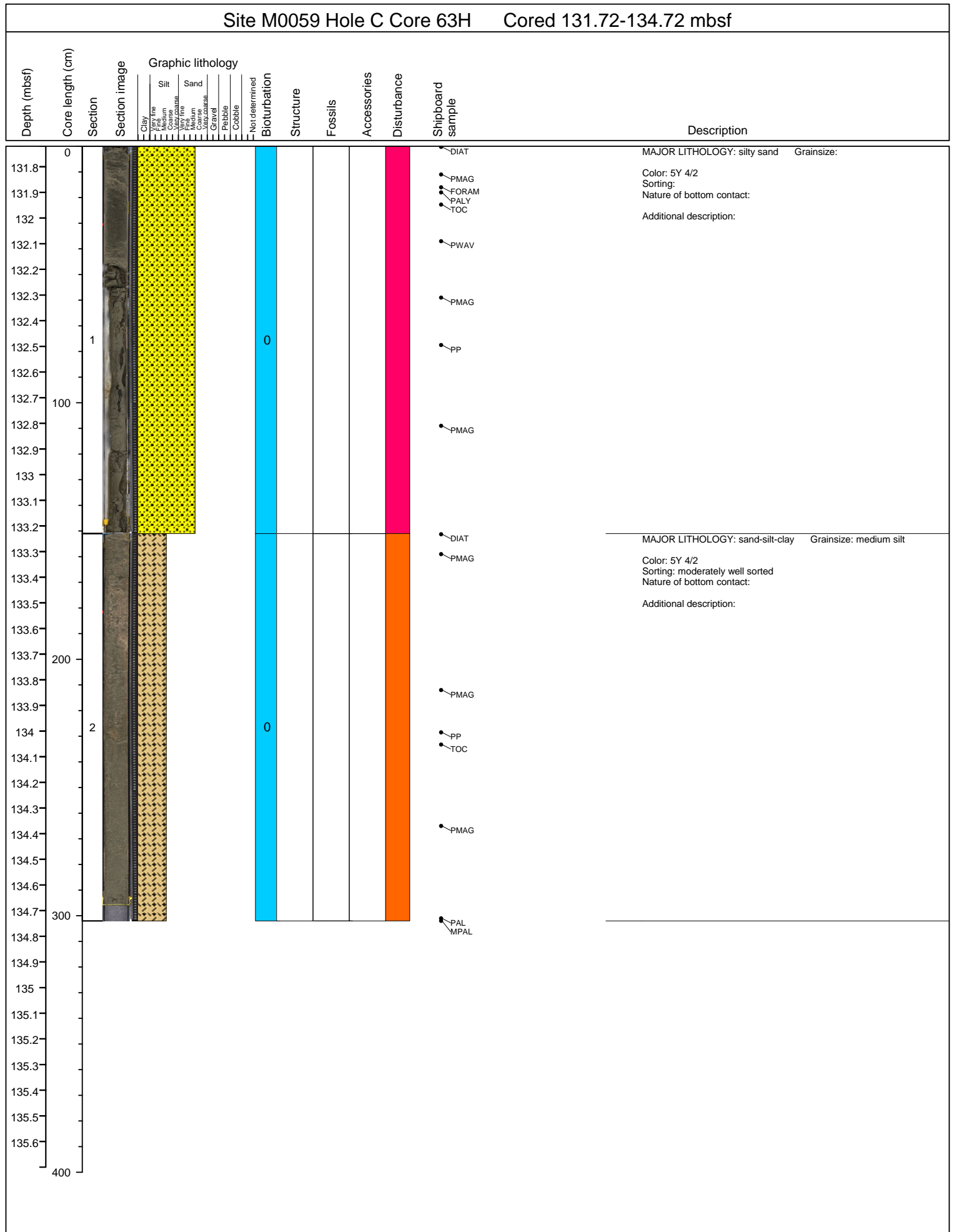


Site M0059 Hole C Core 60S Cored 127.62-128.22 mbsf

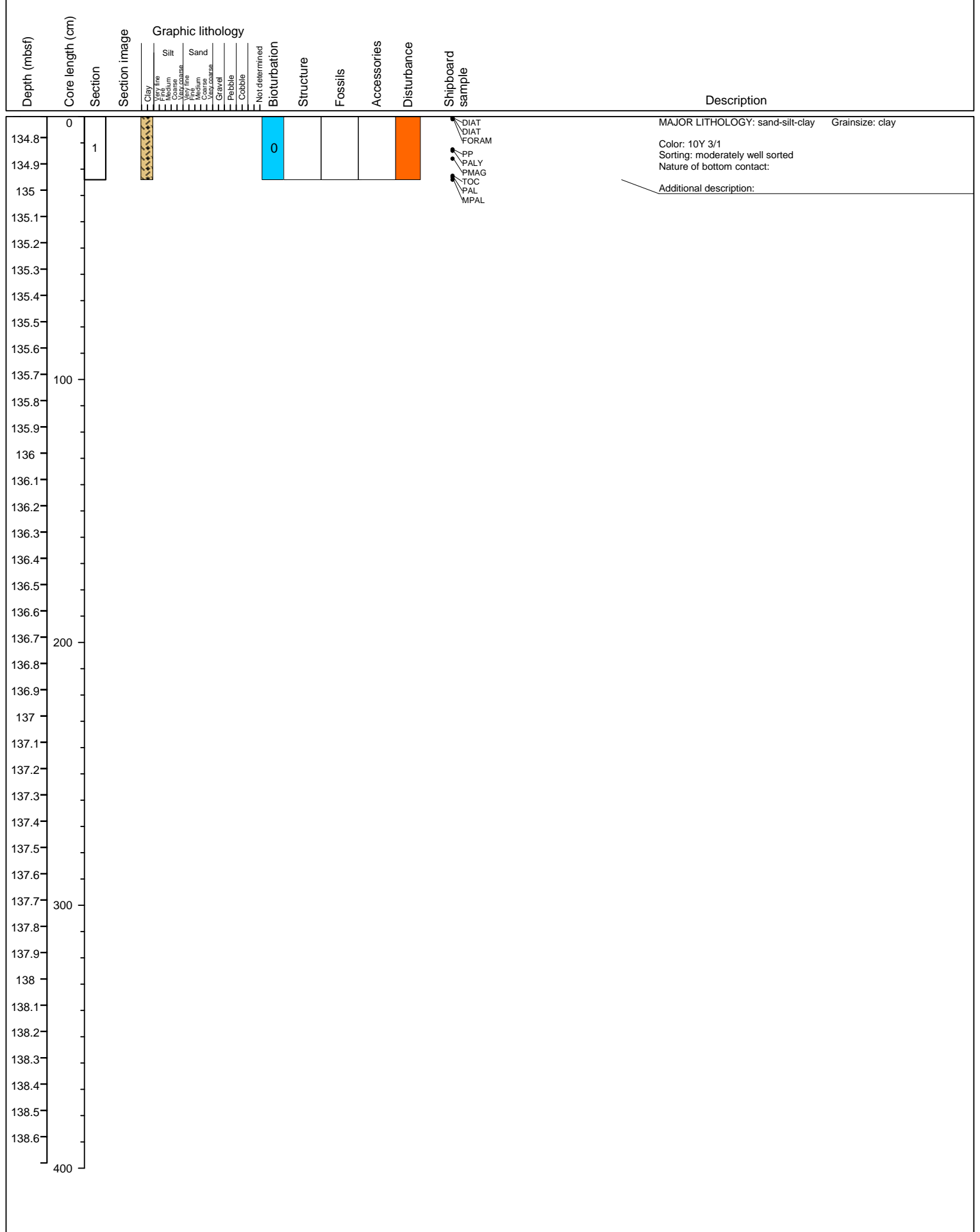




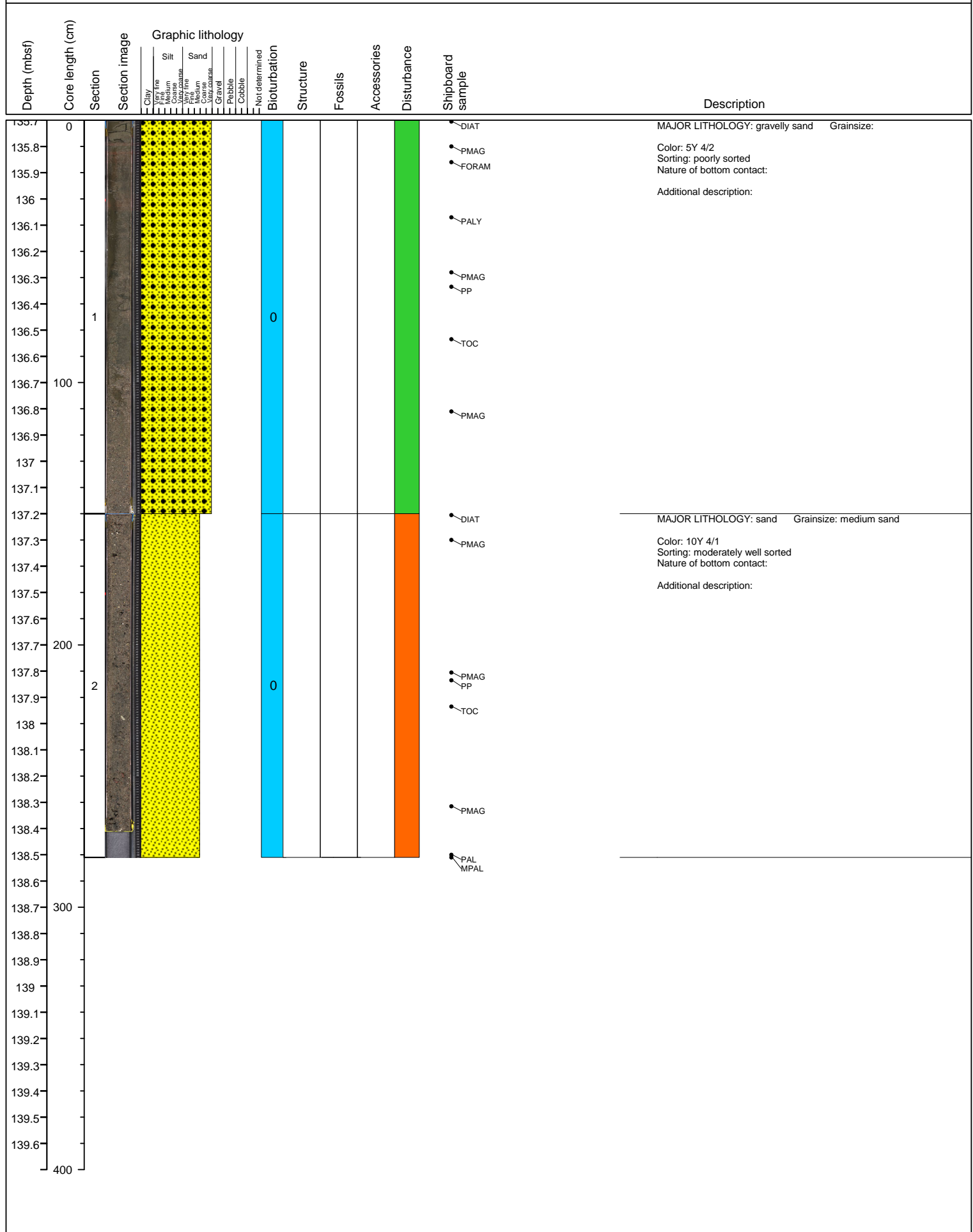




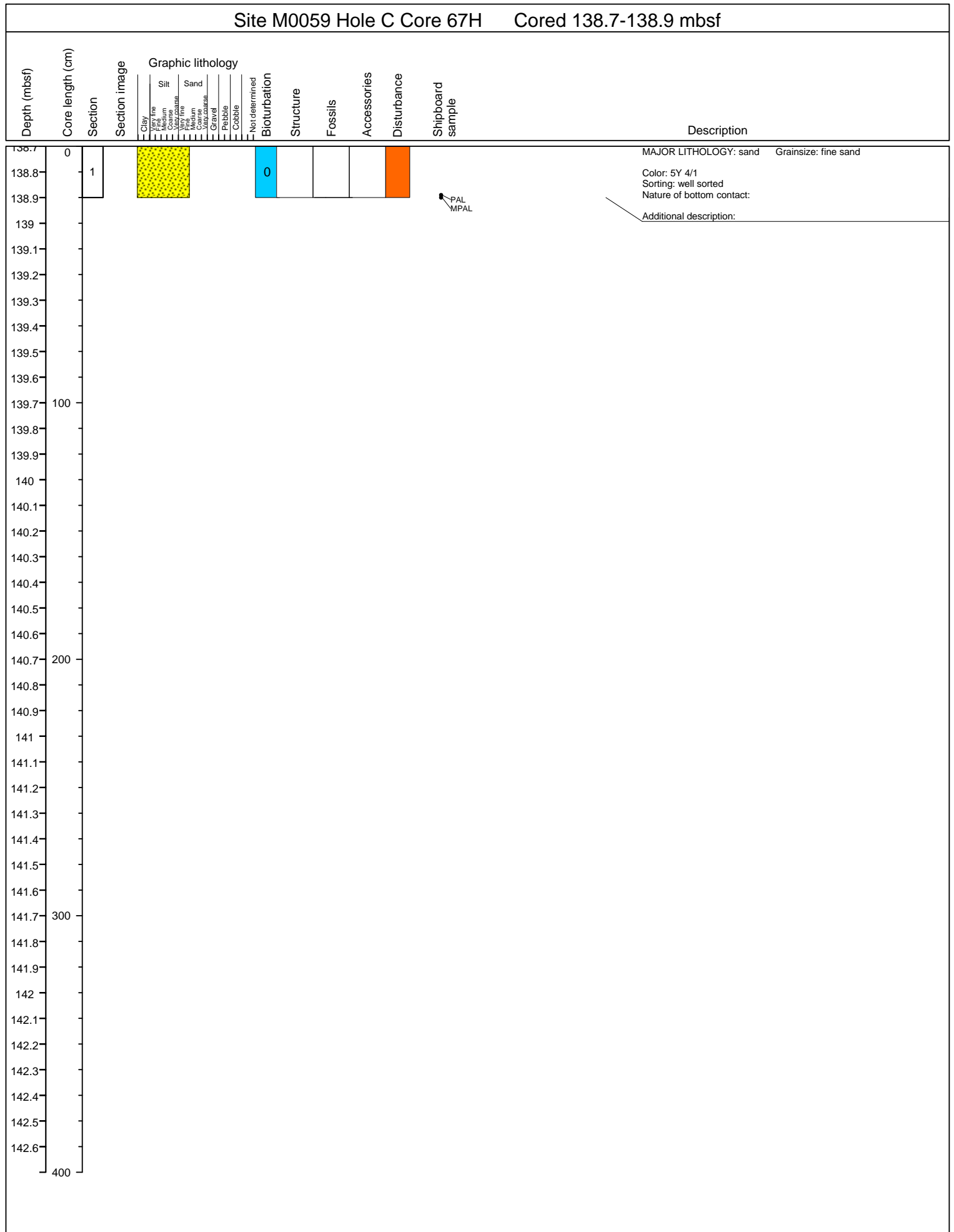
Site M0059 Hole C Core 64H Cored 134.72-135.2 mbsf



Site M0059 Hole C Core 66H Cored 135.7-138.7 mbsf



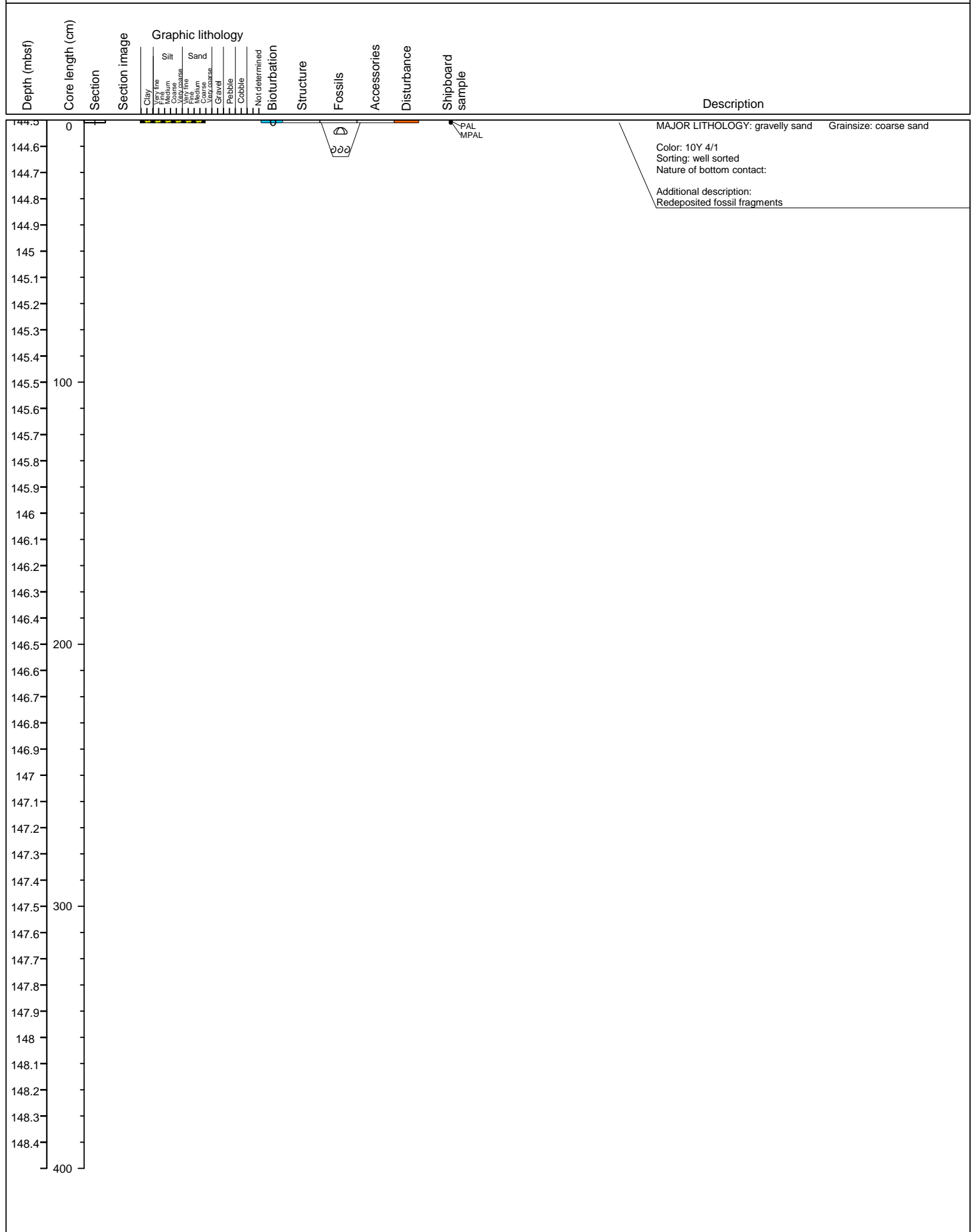




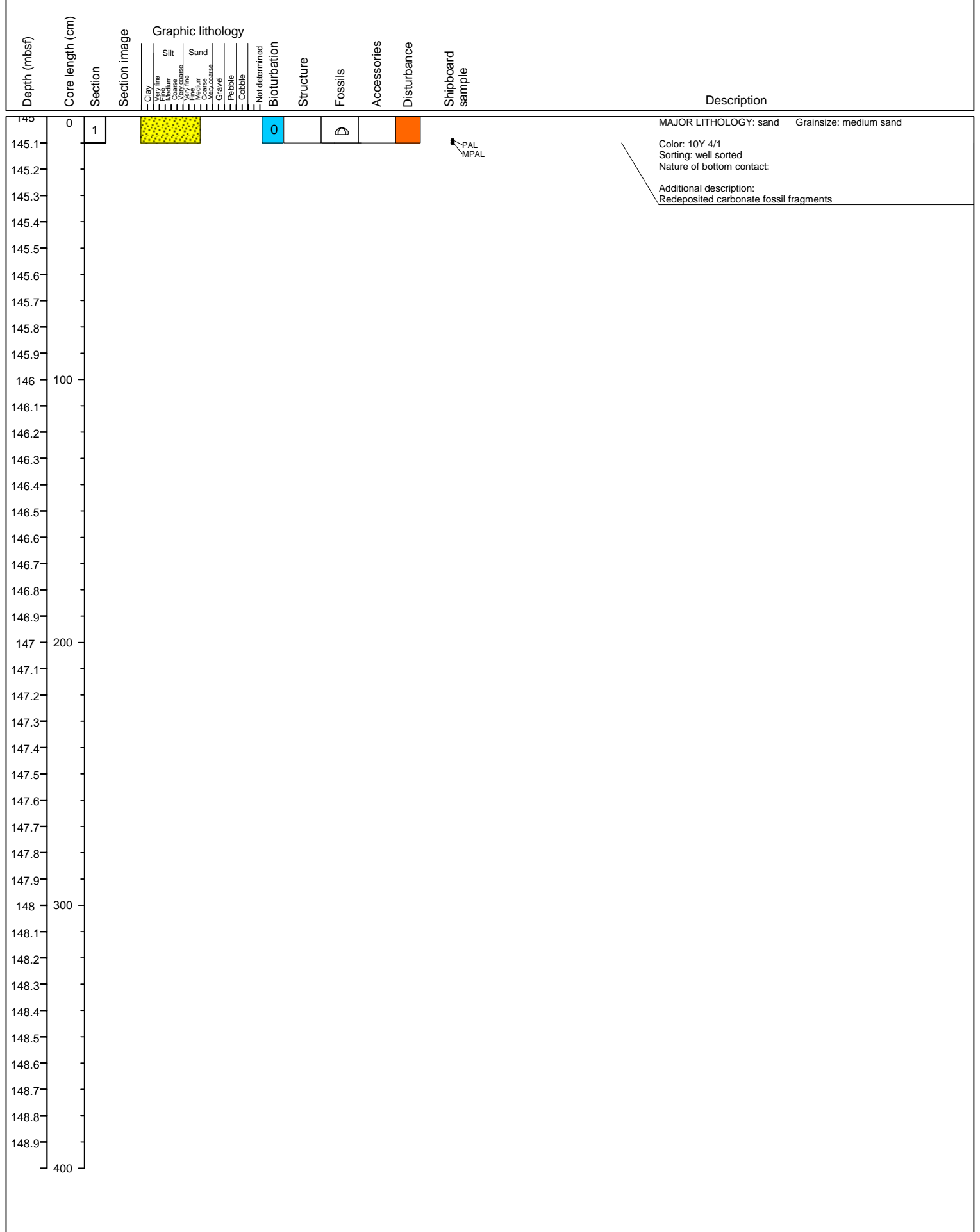
Site M0059 Hole C Core 70H Cored 141.7-144 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology							Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description			
				Clay	Silt	Sand	Gravel	Pebble	Cobble	Not determined										
141.7	0																MAJOR LITHOLOGY: sand Grainsize: Color: 5Y 4/2 Sorting: well sorted Nature of bottom contact: Additional description:			
141.8																	DIAT PALLY			
141.9																		TOC		
142																		oo	Additional description: MAJOR LITHOLOGY: gravelly sand Grainsize:	
142.1																			Color: 10GY 4/1 Sorting: moderately well sorted Nature of bottom contact: Additional description:	
142.2																			PP	
142.3																			PMAG	Additional description: MAJOR LITHOLOGY: gravel Grainsize:
142.4																				Color: 5Y 4/2 Sorting: moderately well sorted Nature of bottom contact: Additional description:
142.5	1																			
142.6																				
142.7	100																			
142.8																				
142.9																				
143																				
143.1																				
143.2																				
143.3																				
143.4																				
143.5																				
143.6	2																			
143.7	200																			
143.8																				
143.9																				
144																				
144.1																				
144.2																				
144.3																				
144.4																				
144.5																				
144.6																				
144.7	300																			
144.8																				
144.9																				
145																				
145.1																				
145.2																				
145.3																				
145.4																				
145.5																				
145.6	400																			

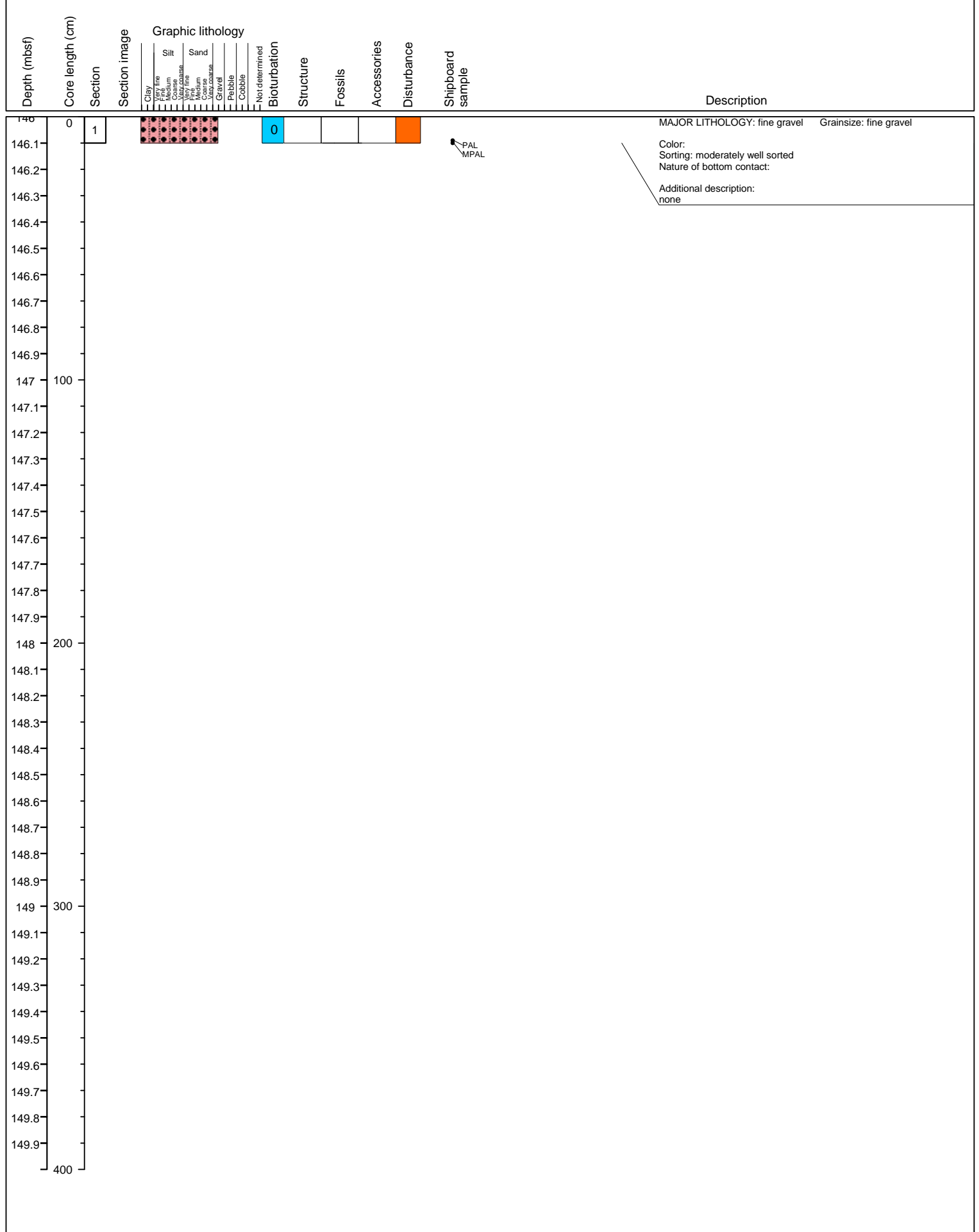
Site M0059 Hole C Core 72S Cored 144.5-144.51 mbsf



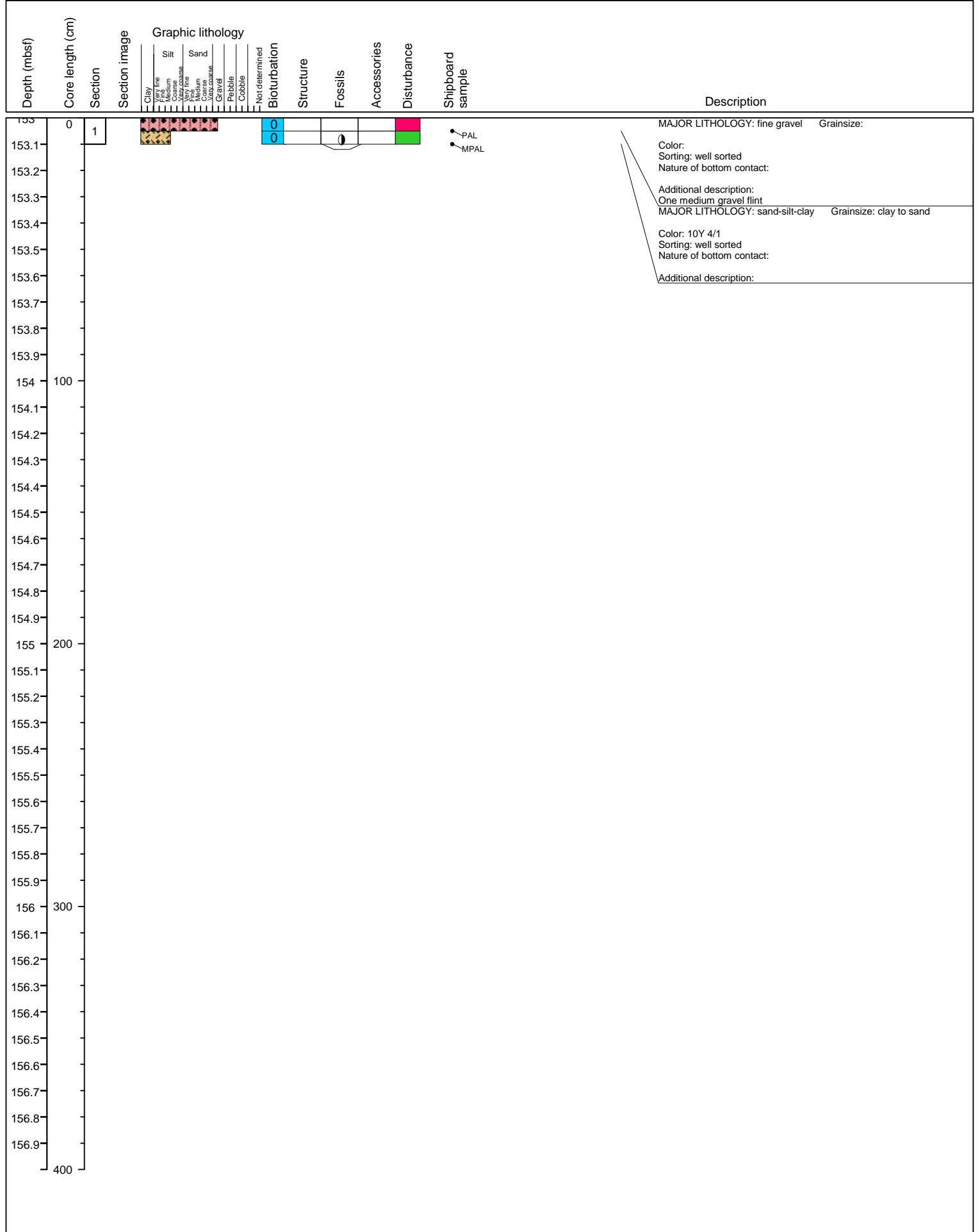
Site M0059 Hole C Core 74S Cored 145-145.1 mbsf



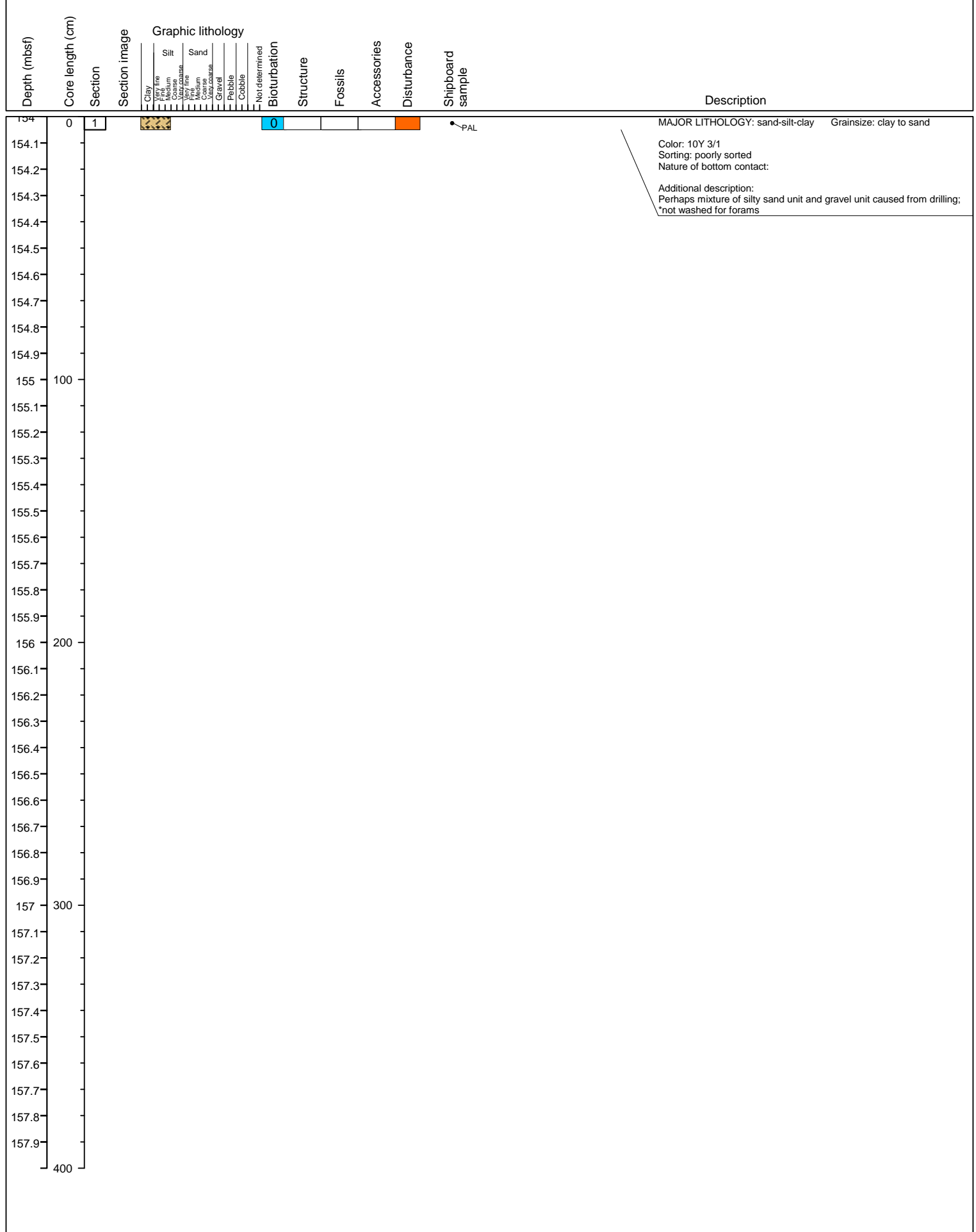
Site M0059 Hole C Core 76S Cored 146-146.1 mbsf



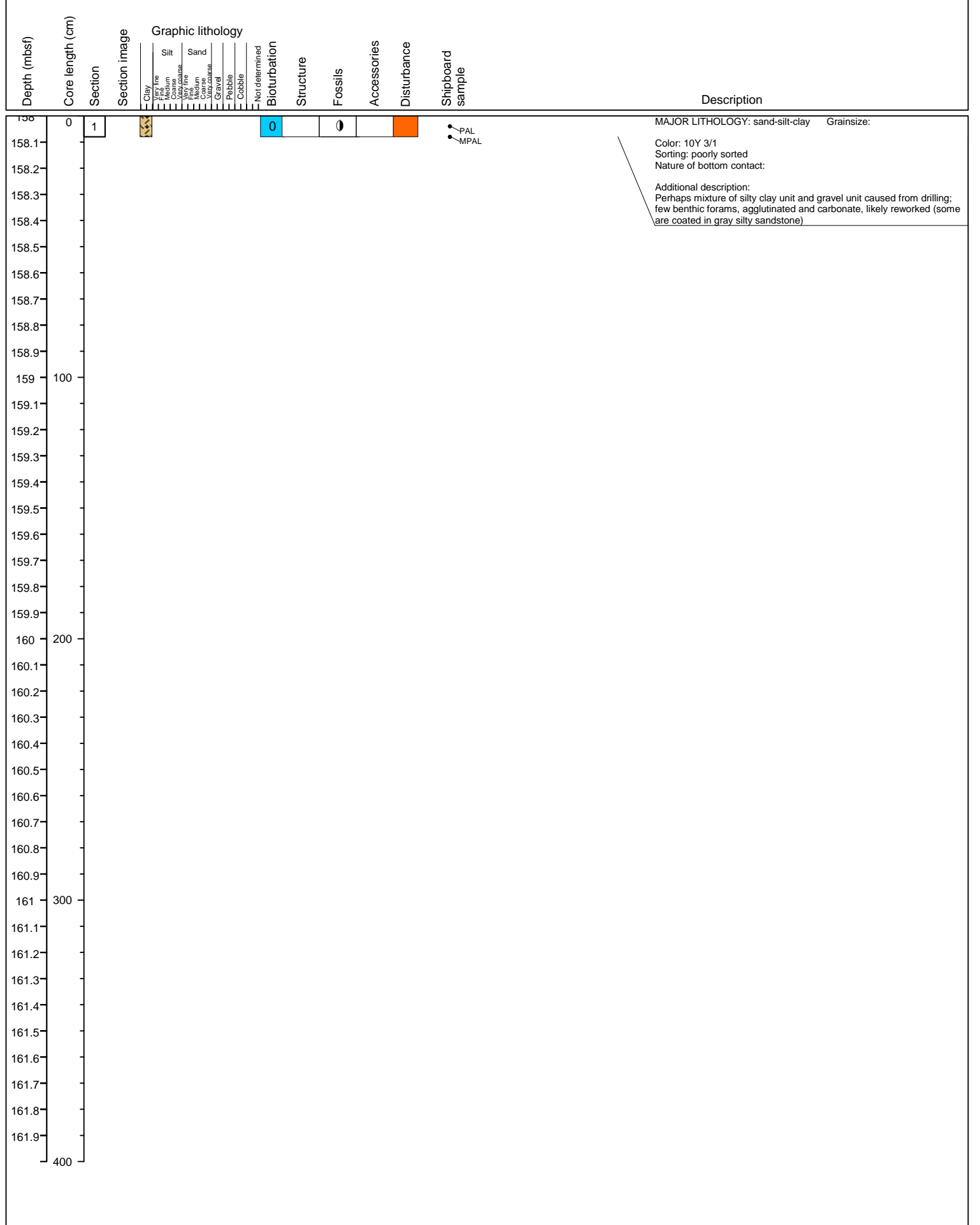
Site M0059 Hole C Core 80S Cored 153-153.1 mbsf



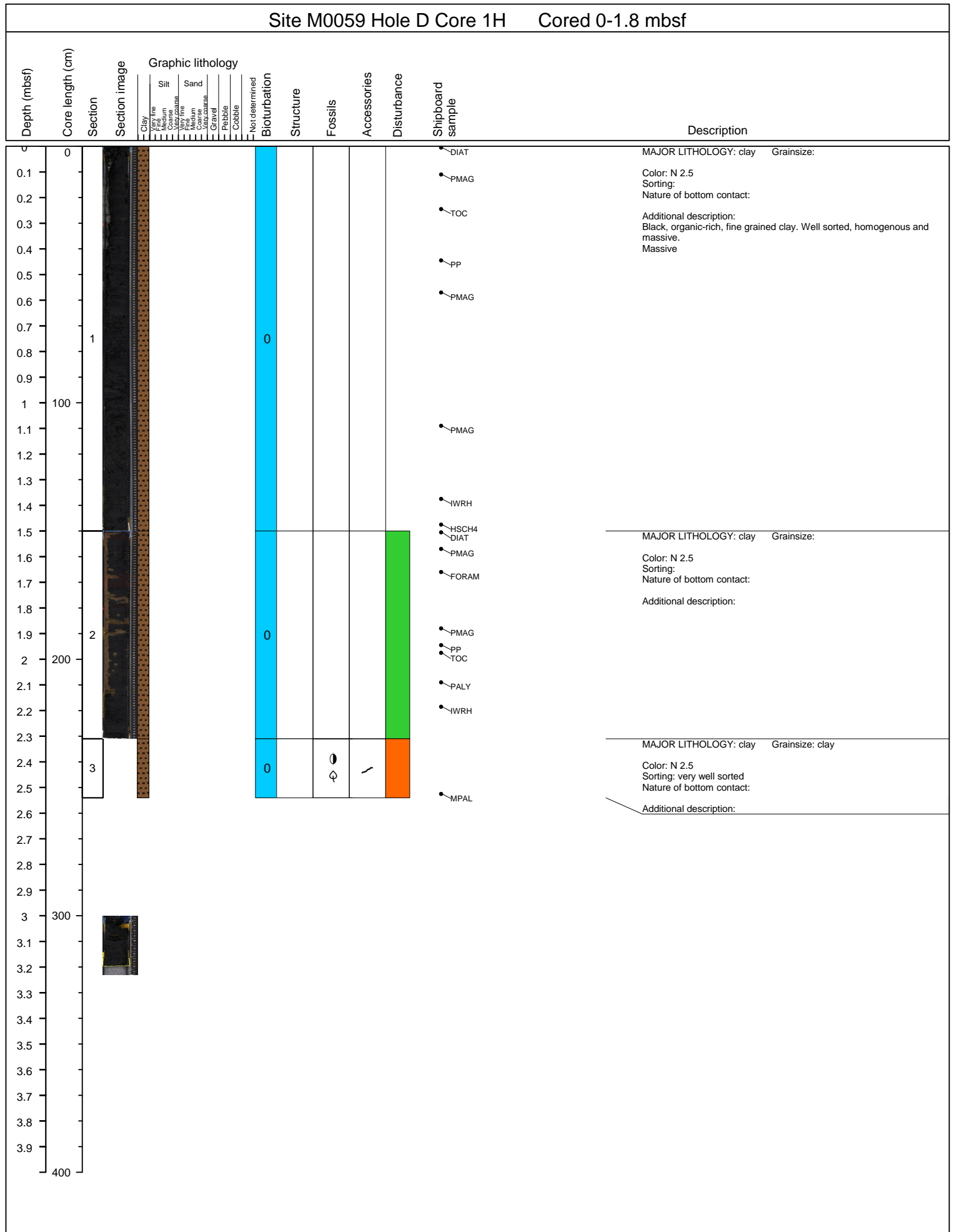
Site M0059 Hole C Core 82S Cored 154-154.05 mbsf

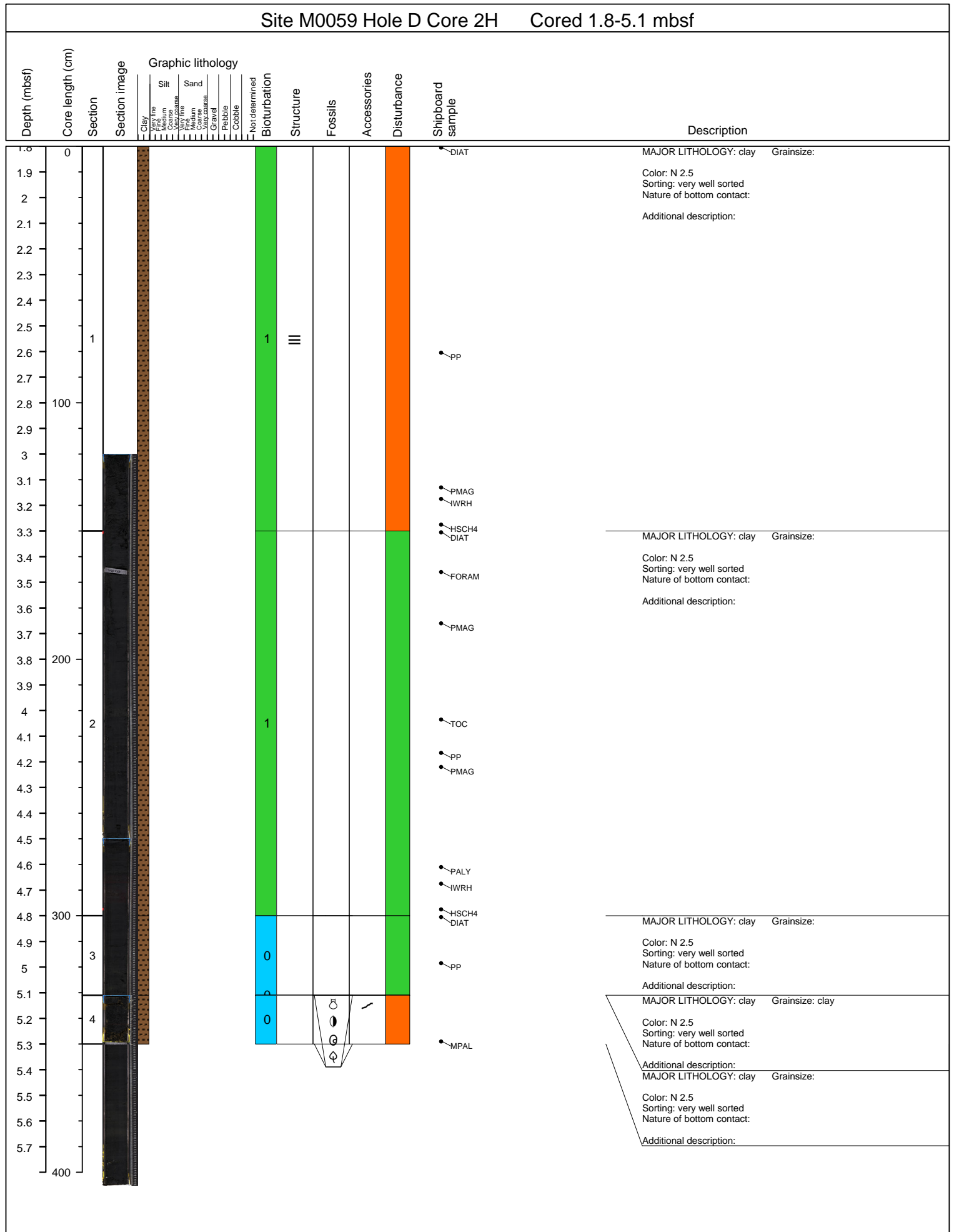


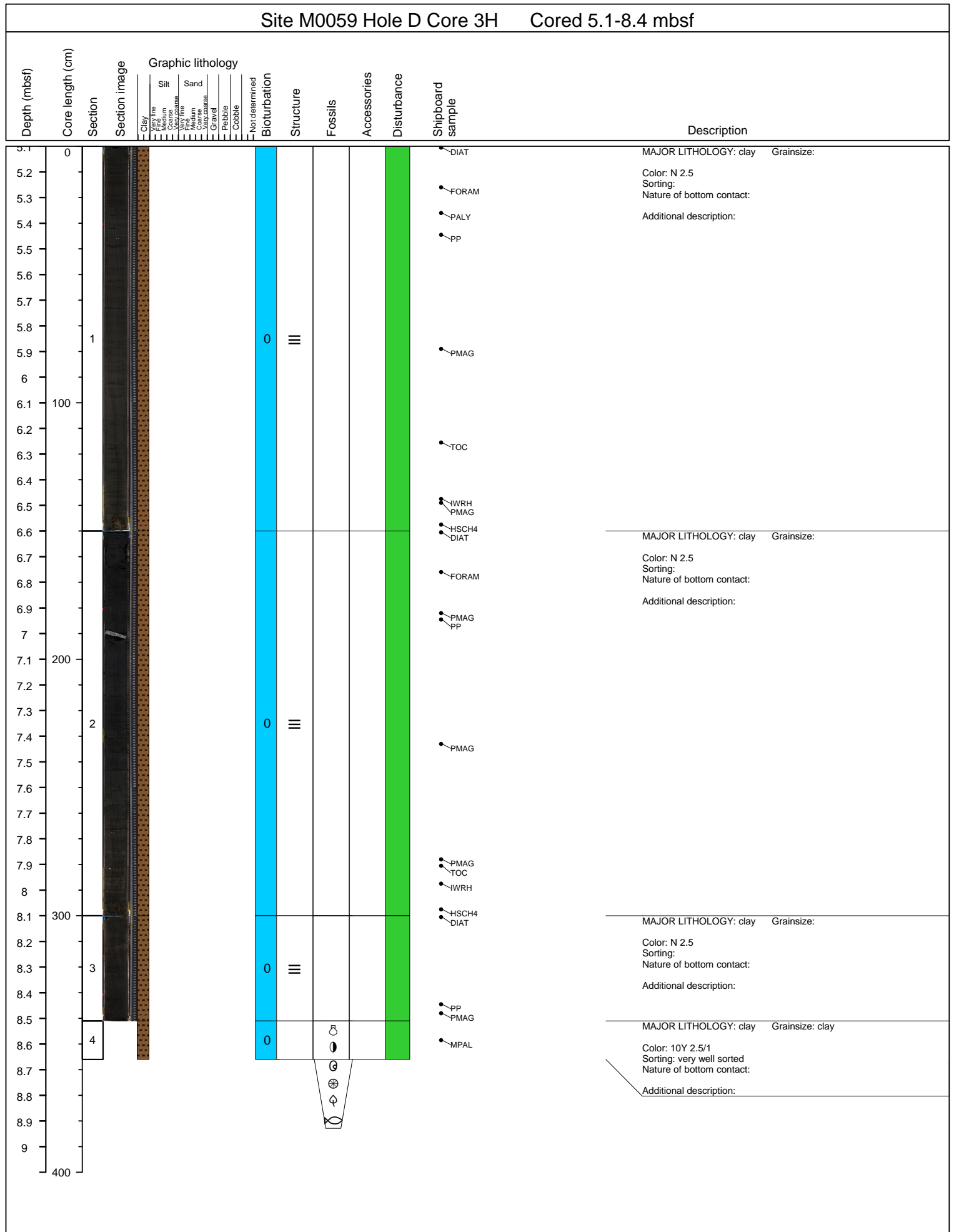
Site M0059 Hole C Core 84S Cored 158-158.08 mbsf

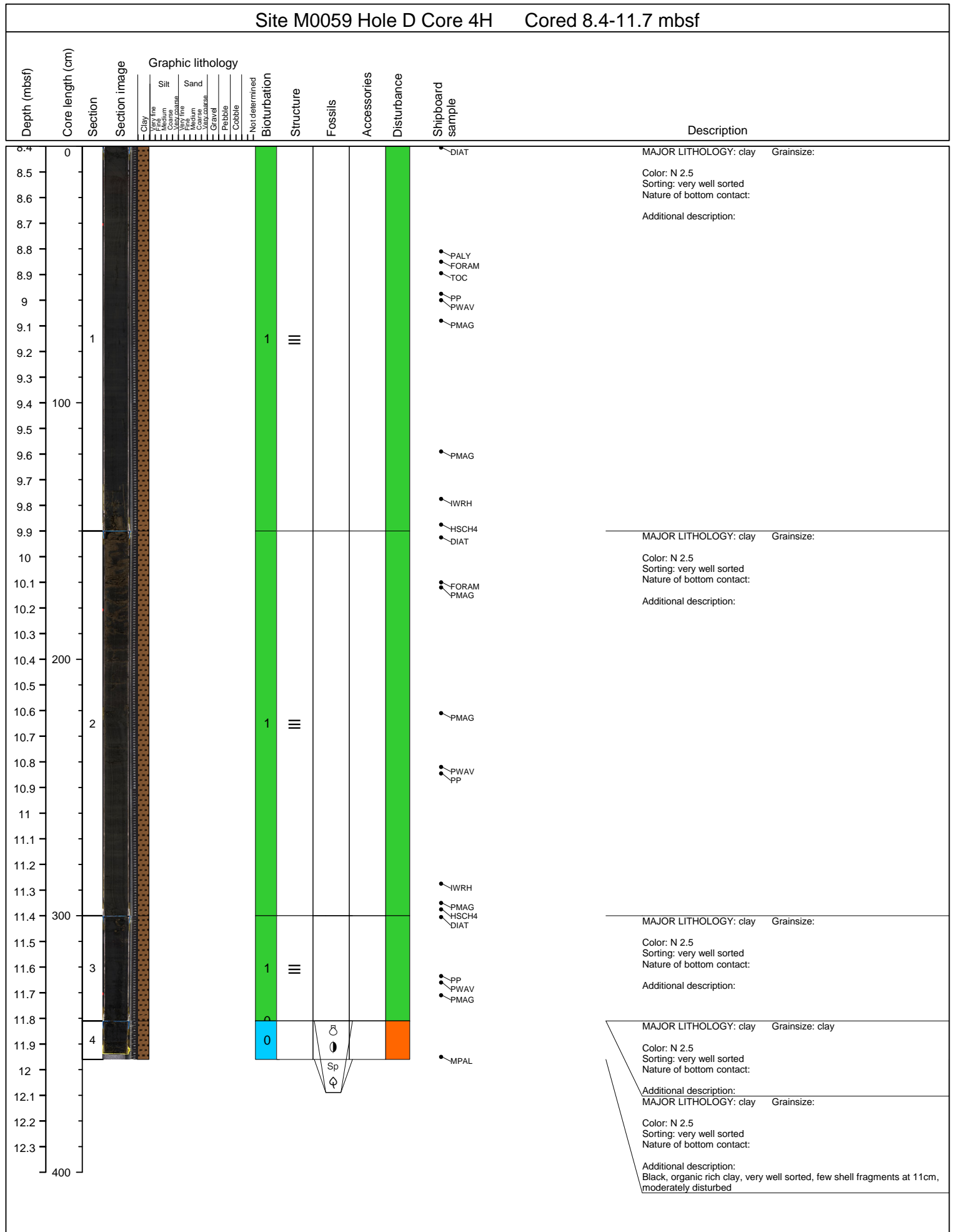


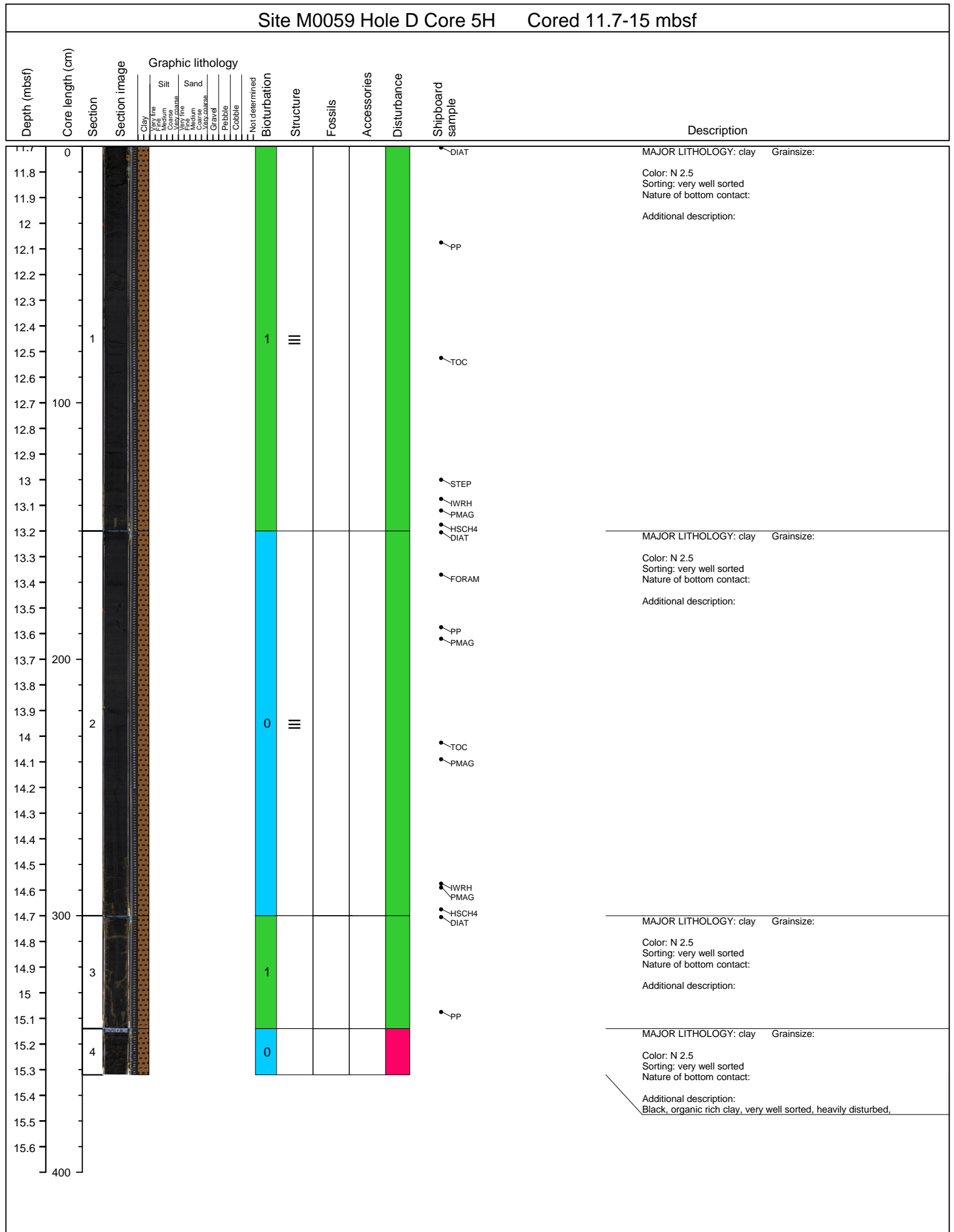


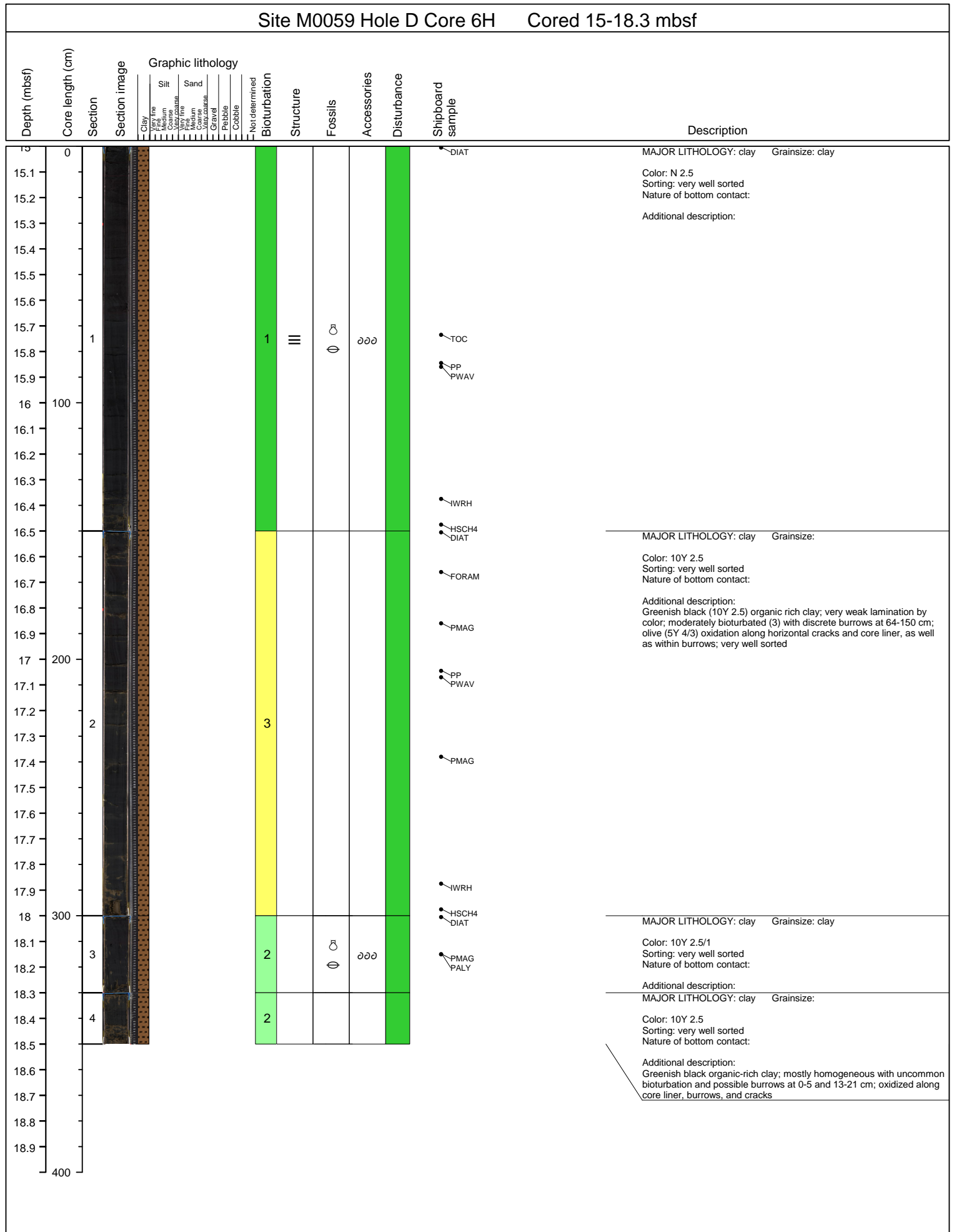




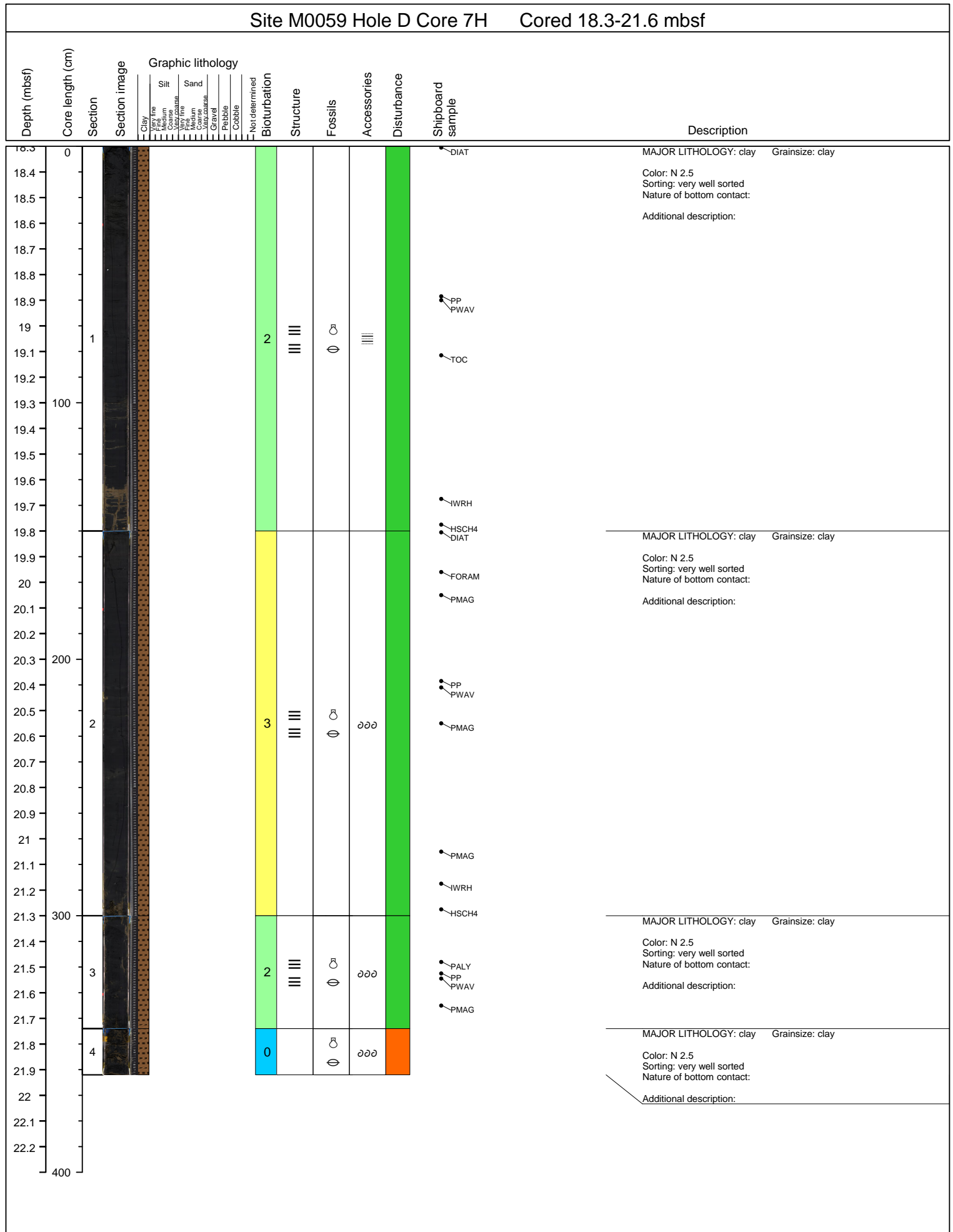








Site M0059 Hole D Core 7H Cored 18.3-21.6 mbsf



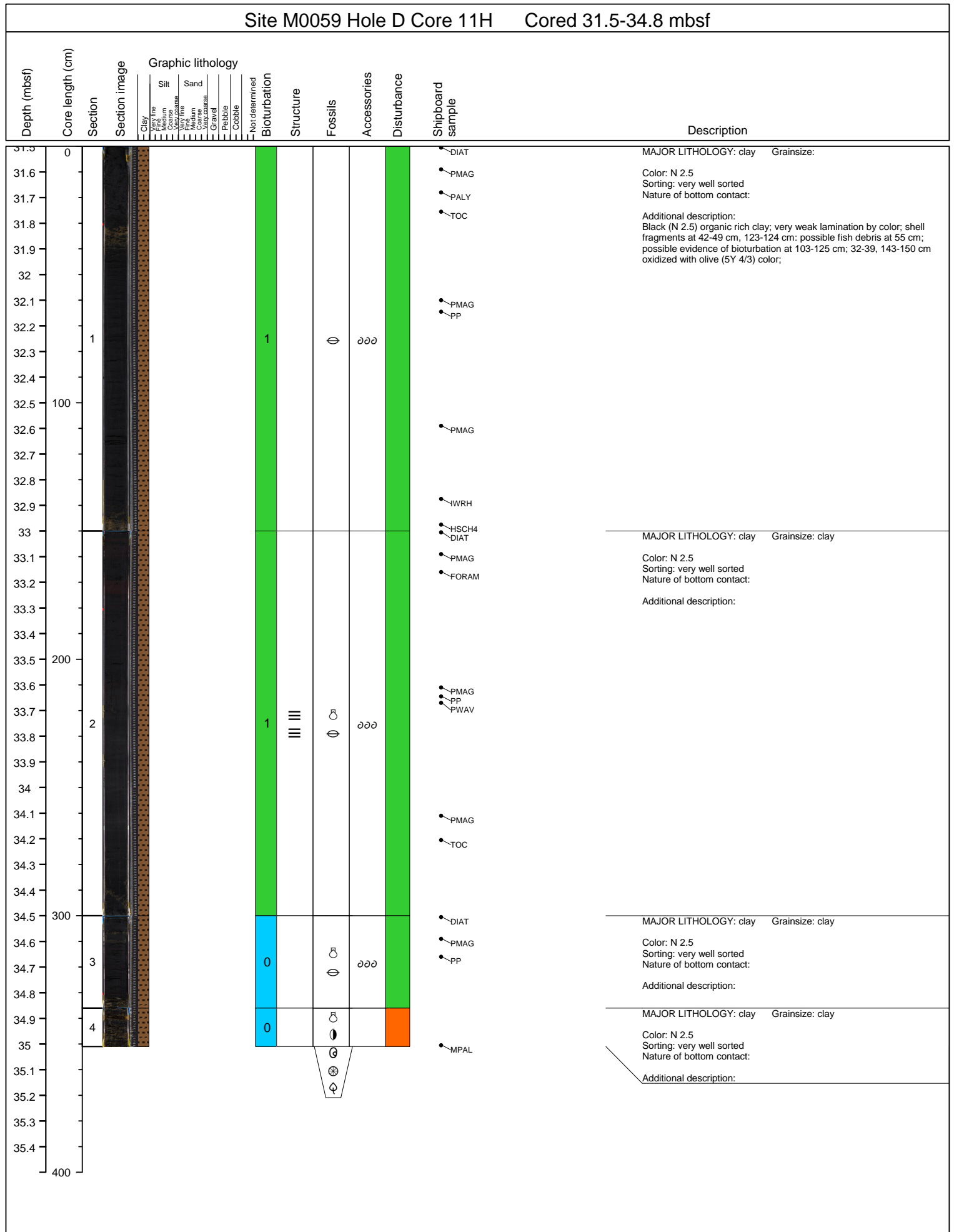
Site M0059 Hole D Core 8H Cored 21.6-24.9 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology								Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description			
				Clay	Very fine Silt	Medium Silt	Very coarse Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel								Pebble	Cobble	
21.6	0																	DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; very well sorted; largely homogeneous with mottling, possibly from common (4) bioturbation; shell fragments at 34-35 cm, 93-94, 103-104 cm; gas expansion voids at 0-43 cm, 76-86 cm; oxidation within cracks and along core liner at 52-150cm.		
21.7																			TOC		
21.8																				PP	
21.9																					
22.0																					
22.1																					
22.2																					
22.3																					
22.4																					
22.5																					
22.6	100																				
22.7																					
22.8																			PMAG		
22.9																					
23.0																			IWRH		
23.1																			HSC4 DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; very well sorted; largely homogeneous with weak lamination by color, uncommon (4) bioturbation; shell fragments at 39-40 cm, 44-45, 59-60 cm; oxidation within vertical cracks and along core liner at 53-150cm.	
23.2																					
23.3																			FORAM		
23.4																			PMAG PALY		
23.5																					
23.6	200																				
23.7																					
23.8																			PP		
23.9																			PMAG		
24.0																					
24.1																					
24.2																					
24.3																					
24.4																			PMAG		
24.5																					
24.6	300																		DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; very well sorted; largely homogeneous, with very weak lamination by color; no visible bioturbation; shell fragments at 12-13 cm, 27-28 cm.	
24.7																					
24.8																			PP		
24.9																			TOC		
25.0																					
25.1																				MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; very well sorted; largely homogeneous no visible bedding or bioturbation.	
25.2																					
25.3																					
25.4																					
25.5	400																				

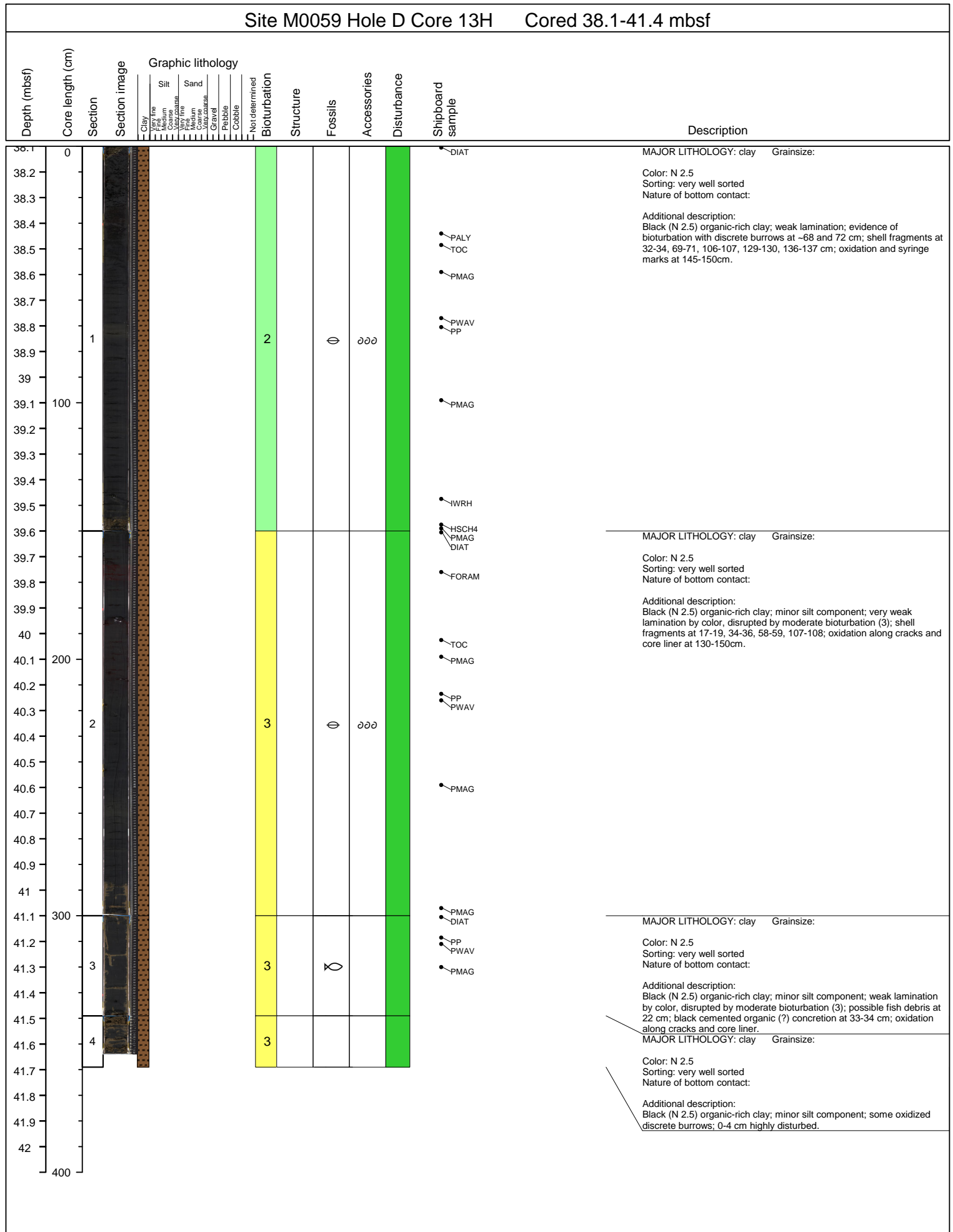




Site M0059 Hole D Core 10H Cored 28.2-31.5 mbsf													
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description	
				Clay Very fine Medium Coarse Very coarse Sand Very fine Medium Coarse Very coarse Gravel Pebble Cobble									
28.2	0											MAJOR LITHOLOGY: clay Grainsize:  Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; very well sorted; very weak lamination by color, possibly discrete burrows at 87-88 cm; shell fragments at 13-14, 70-72, 109-111, 127-128 cm; gas expansion voids and disturbance at 0-46 cm;	
28.3													
28.4													
28.5													
28.6													
28.7													
28.8													
28.9													
29.0	1					1		⊖ ∂∂∂					
29.1													
29.2	100												
29.3													
29.4													
29.5													
29.6													
29.7													
29.8												MAJOR LITHOLOGY: clay Grainsize:  Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; very well sorted; very weak lamination by color, possibly moderately bioturbated, but difficult to tell due to strong oxidation along cracks and core liner; shell fragments at 62-63, 78-79, 102-103, 127-128 cm;	
29.9													
30.0													
30.1													
30.2	200												
30.3													
30.4													
30.5	2					3		⊖ ∂∂∂					
30.6													
30.7													
30.8													
30.9													
31.0													
31.1													
31.2	300												
31.3	3					1		⊖ ∂∂∂				MAJOR LITHOLOGY: clay Grainsize:  Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; sparsely bioturbated, possible oxidized burrows; shell fragment at 13 cm.	
31.4	4					1						MAJOR LITHOLOGY: clay Grainsize:  Color: N 2.5 Sorting: very well sorted Nature of bottom contact:  Additional description: Black (N 2.5) organic rich clay; sparsely bioturbated, possible burrows;	
31.5													
31.6													
31.7													
31.8													
31.9													
32.0													
32.1	400												

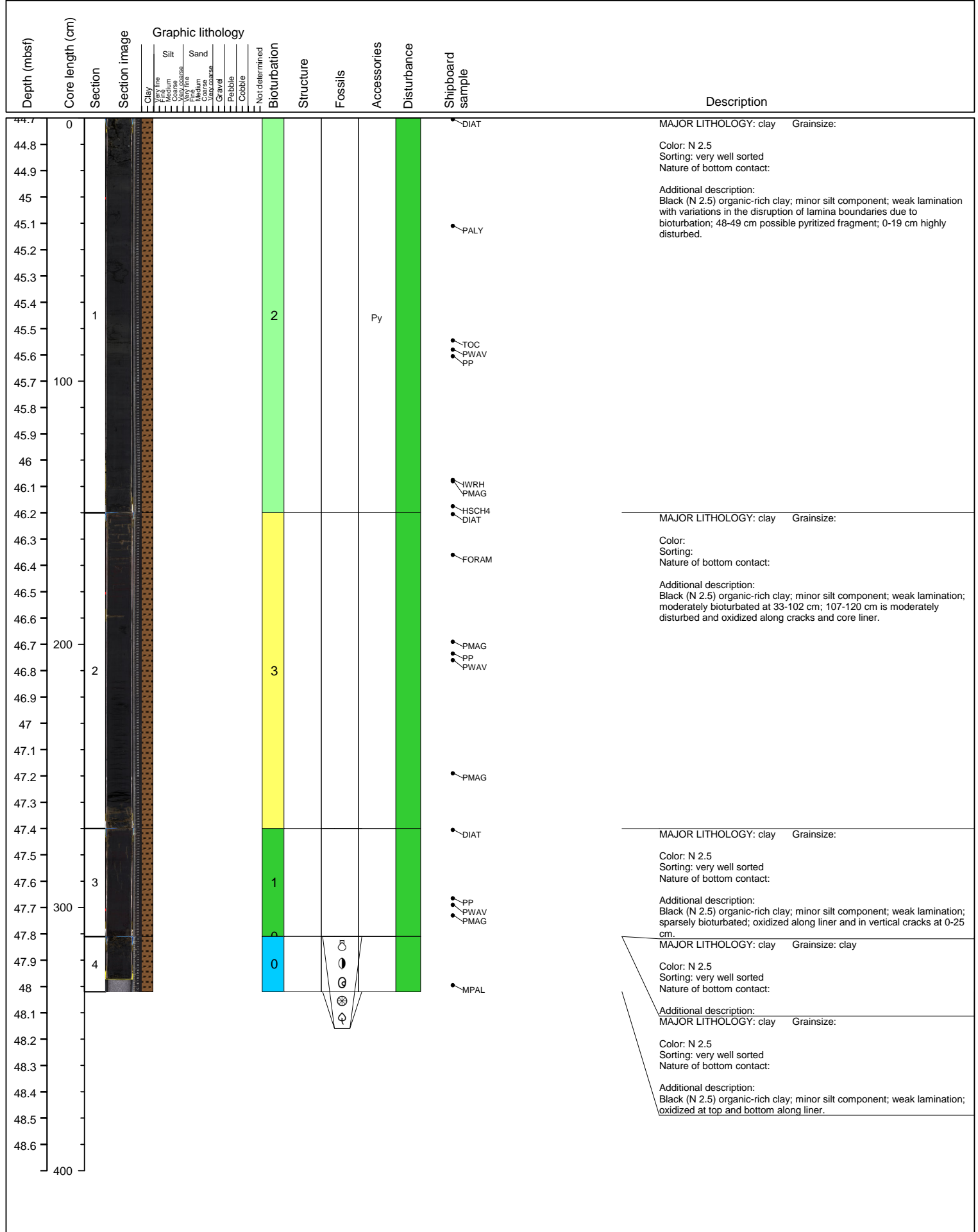






Site M0059 Hole D Core 14H Cored 41.4-44.7 mbsf											
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay Very fine Medium Coarse Very coarse Sand Very fine Medium Coarse Very coarse Gravel Pebble Cobble							
41.4	0									DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
41.5										TOC	Color: 10Y 2.5/1 Sorting: very poorly sorted Nature of bottom contact:
41.6											Additional description:
41.7											
41.8										PMAG	
41.9											
42											
42.1	1				2		☉	∂∂∂		PP PWAV	
42.2							☉				
42.3										PMAG	
42.4	100										
42.5											
42.6											
42.7											
42.8										IWRH PMAG	
42.9										HSCH4 DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
43											Color: 10Y 2.5/1 Sorting: very well sorted Nature of bottom contact:
43.1										FORAM	Additional description:
43.2											
43.3										PMAG PALLY	
43.4	200										
43.5											
43.6	2				3		☉	∂∂∂		PP PWAV	
43.7							☉				
43.8										PMAG	
43.9											
44											
44.1											
44.2											
44.3										PMAG	
44.4	300										
44.5	3				1		☉	∂∂∂		DIAT PMAG PP	MAJOR LITHOLOGY: clay Grainsize: clay
44.6							☉				Color: N 2.5 Sorting: very well sorted Nature of bottom contact:
44.7											Additional description:
44.8	4				0						MAJOR LITHOLOGY: clay Grainsize: clay
44.9											Color: 10Y 2.5/1 Sorting: very well sorted Nature of bottom contact:
45										MPAL	Additional description:
45.1											
45.2											
45.3	400										

Site M0059 Hole D Core 15H Cored 44.7-48 mbsf







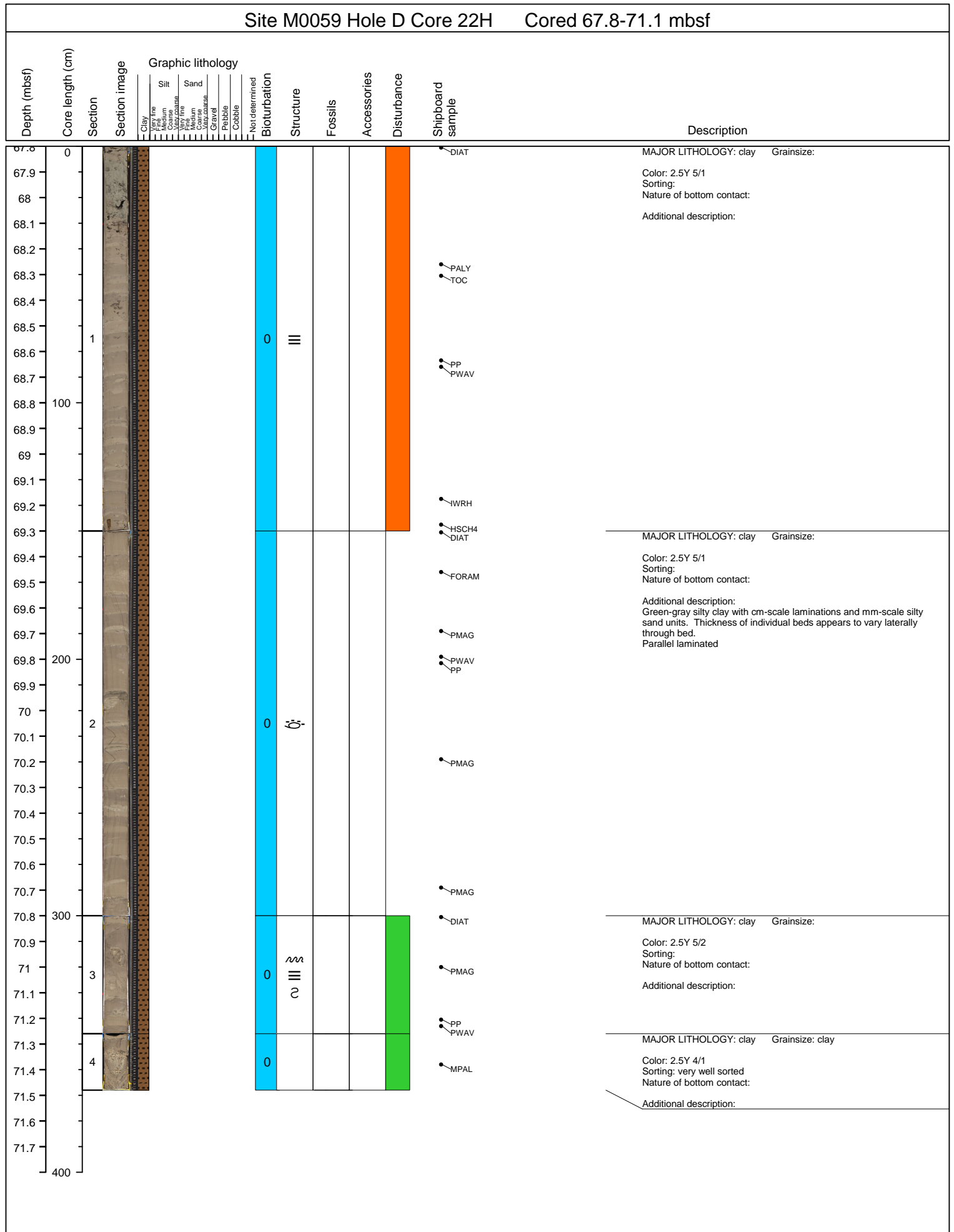
Site M0059 Hole D Core 17H Cored 51.3-54.6 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology				Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Very fine Silt	Very fine Sand	Very fine Medium Very coarse Gravel	Not determined						
51.3	0												DIAT	MAJOR LITHOLOGY: silty clay Grainsize: clay
51.4													TOC	Color: 10YR 4/1
51.5														Sorting:
51.6														Nature of bottom contact: sharp
51.7														Additional description:
51.8													PMAG	
51.9														
52	1							0					PP PALLY PWAV	
52.1														
52.2														
52.3	100												PMAG	
52.4														
52.5														
52.6														
52.7													IWRH FORAM	
52.8													HSC4 PMAG HSC4 DIAT	MAJOR LITHOLOGY: clay Grainsize:
52.9														Color: 7.5YR 4/3
53													PWAV PALLY PP PMAG	Sorting:
53.1								0						Nature of bottom contact:
53.2														Additional description:
53.3	200												PMAG	
53.4														
53.5	2							0						MAJOR LITHOLOGY: gravelly sand Grainsize:
53.6													PMAG	Color: 5YR 4/6
53.7														Sorting:
53.8														Nature of bottom contact: depositional
53.9								0						Additional description:
54														Orange-brown poorly sorted sand. A mix of sand (various size) and silt support polymict pebbles. Sharp upper contact but lower contact not as well defined- potential erosion and incorporation of clasts in soft underlying clay.
54.1														Parallel bedded
54.2													PMAG	MAJOR LITHOLOGY: clay Grainsize:
54.3	300												DIAT	Color: 10Y 5/1
54.4														Sorting:
54.5	3							0					PP PWAV	Nature of bottom contact:
54.6														Additional description:
54.7														Green-gray clay, fine grained well sorted with mm laminations.
54.8														MAJOR LITHOLOGY: clay Grainsize:
54.9	4							0						Color: 10Y 5/1
55														Sorting:
55.1														Nature of bottom contact:
55.2	400													Additional description:



Site M0059 Hole D Core 19H Cored 57.9-61.2 mbsf													
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description	
				Clay Very fine Medium Coarse Very coarse Sand Very fine Medium Coarse Very coarse Gravel Pebble Cobble									
57.9	0										DIAT	MAJOR LITHOLOGY: clay Grainsize:  Color: 10Y 5/1 Sorting: Nature of bottom contact:  Additional description:	
58												PWAV PP	
58.1												PALY	
58.2													
58.3													
58.4													
58.5													
58.6		1				0	III					TOC	
58.7													
58.8													
58.9	100												
59													
59.1													
59.2													
59.3												IWRH	
59.4												PMAG HSC4 DIAT	MAJOR LITHOLOGY: clay Grainsize:  Color: 10YR 5/2 Sorting: Nature of bottom contact:  Additional description: Green gray, fine grained clay, well sorted with mm-scale laminations. lamination spacings increase to cm towards base.
59.5												FORAM	
59.6													
59.7												PP	
59.8													
59.9	200												
60												PMAG	
60.1													
60.2		2				0	III						
60.3													
60.4													
60.5												PMAG	
60.6													
60.7													
60.8													
60.9	300											DIAT	MAJOR LITHOLOGY: silty clay Grainsize:  Color: 10Y 5/1 Sorting: Nature of bottom contact:  Additional description: Green gray, fine grained clay, well sorted with mm-scale laminations. Alternating cycles not uniform in thickness in places.
61													
61.1												PP PMAG	
61.2		3				0							
61.3													
61.4												DIAT	MAJOR LITHOLOGY: clay Grainsize: clay  Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description:
61.5		4				0	III						
61.6													
61.7												MPAL	
61.8	400												

Site M0059 Hole D Core 20H Cored 61.2-64.5 mbsf													
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology			Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Silt		Sand						
				Very fine	Medium	Coarse	Very fine	Medium	Coarse	Gravel	Pebble	Cobble	Not determined
61.2	0												MAJOR LITHOLOGY: clay Grainsize:
61.3													Color: 10Y 5/1
61.4													Sorting: well sorted
61.5													Nature of bottom contact:
61.6													Additional description:
61.7												DIAT	
61.8												PALY	
61.9		1					0					TOC	
62.0													
62.1												PP	
62.2	100												
62.3													
62.4													
62.5													
62.6												IWRH	
62.7												HSCH4	MAJOR LITHOLOGY: clay Grainsize: clay
62.8												DIAT	Color: 10Y 5/1
62.9												FORAM	Sorting: well sorted
63.0													Nature of bottom contact:
63.1													Additional description:
63.2	200												
63.3													
63.4		2					0					PP	
63.5													
63.6													
63.7													
63.8													
63.9													
64.0													
64.1													
64.2	300											DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
64.3													Color: 10YR 5/2
64.4		3					0					PMAG	Sorting: well sorted
64.5												PP	Nature of bottom contact:
64.6													Additional description:
64.7												DIAT	MAJOR LITHOLOGY: clay Grainsize: clay
64.8		4					0					PMAG	Color: 2.5Y 4/1
64.9												MPAL	Sorting: very well sorted
65.0													Nature of bottom contact:
65.1	400												Additional description:

Site M0059 Hole D Core 21H Cored 64.5-67.8 mbsf									
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology				Shipboard sample	Description
				Clay	Silt	Sand			
				Very fine	Medium	Very fine			
				Very coarse	Very fine	Medium			
				Very coarse	Medium	Very coarse			
				Gravel					
				Pebble					
				Cobble					
				Not determined					
				Bioturbation					
				Structure					
				Fossils					
				Accessories					
				Disturbance					
64.5	0								DIAT
64.6									MAJOR LITHOLOGY: clay Grainsize:
64.7									Color: 2.5Y 4/1
64.8									Sorting: very well sorted
64.9									Nature of bottom contact:
65.0									Additional description:
65.1									PALY
65.2									TOC
65.3	1			0		"",",,"			
65.4									PP
65.5	100								
65.6									
65.7									
65.8									IWRH
65.9									HSC4
66.0									DIAT
66.1									MAJOR LITHOLOGY: clay Grainsize:
66.2									Color: 2.5Y 4/1
66.3									Sorting: very well sorted
66.4									Nature of bottom contact: transitional
66.5									Additional description:
66.6	200								
66.7	2								PMAG
66.8									MAJOR LITHOLOGY: clay Grainsize:
66.9									Color: 2.5Y 5/1
67.0									Sorting: very well sorted
67.1									Nature of bottom contact:
67.2									Additional description:
67.3									Gray, clay and silt/very fine sand, mm size lamina to 0,5cm, very well sorted, slightly disturbed.
67.4									Parallel laminated
67.5	300								DIAT
67.6	4			0					PMAG
67.7									MAJOR LITHOLOGY: clay Grainsize: clay
67.8									Color: 2.5Y 4/1
67.9									Sorting: very well sorted
68.0									Nature of bottom contact:
68.1									Additional description:
68.2									
68.3									
68.4	400								MPAL



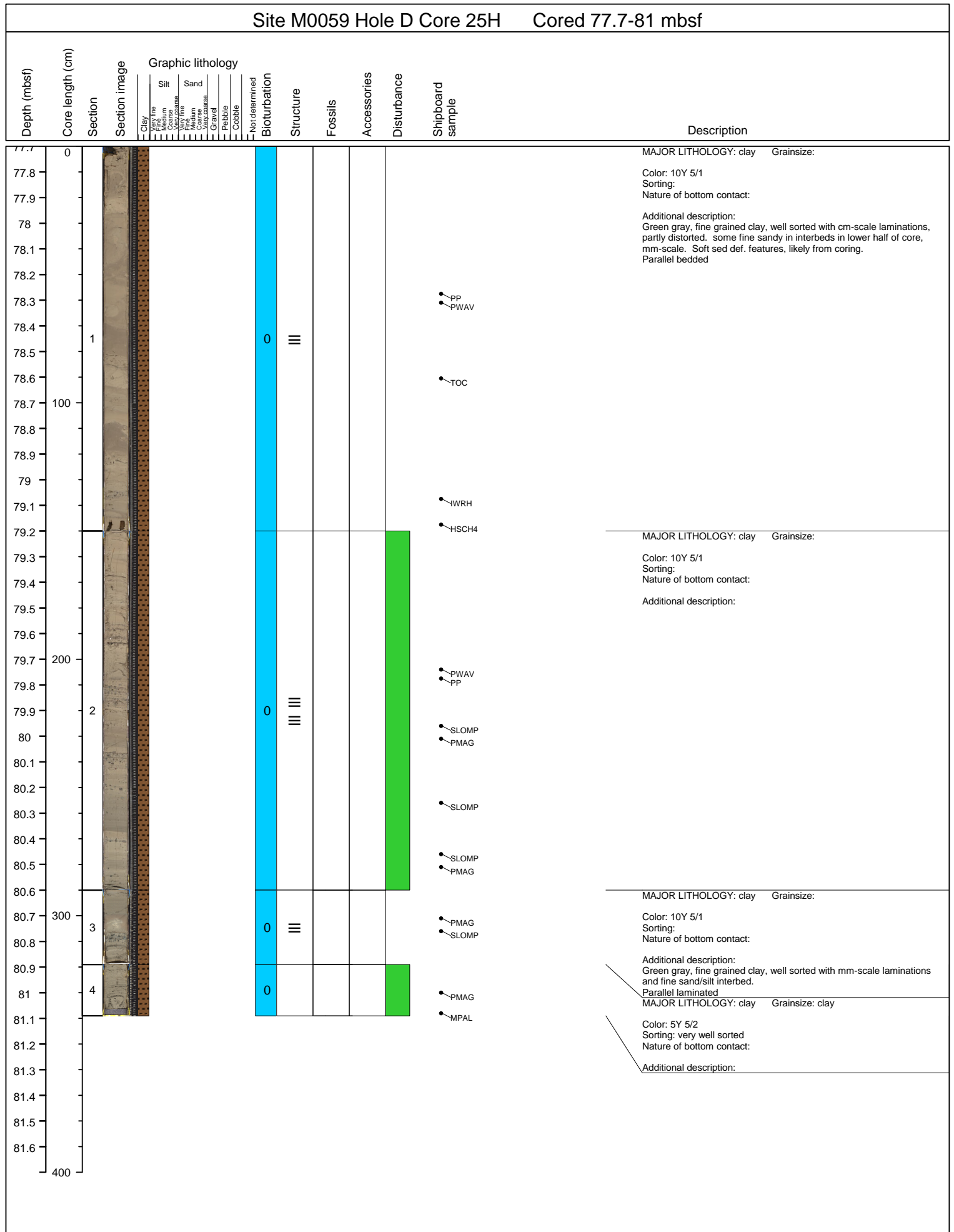
Site M0059 Hole D Core 23H Cored 71.1-74.4 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology								Shipboard sample	Description		
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories	Disturbance				
71.1	0												DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:	
71.2														PALY TOC	
71.3															
71.4															
71.5															
71.6															
71.7															
71.8	1														
71.9															
72.0															
72.1	100														
72.2															
72.3															
72.4															
72.5															
72.6															
72.7															
72.8															
72.9															
73.0															
73.1	200														
73.2															
73.3	2														
73.4															
73.5															
73.6															
73.7															
73.8															
73.9															
74.0															
74.1	300														
74.2															
74.3	4														
74.4															
74.5															
74.6															
74.7															
74.8															
74.9															
75.0	400														

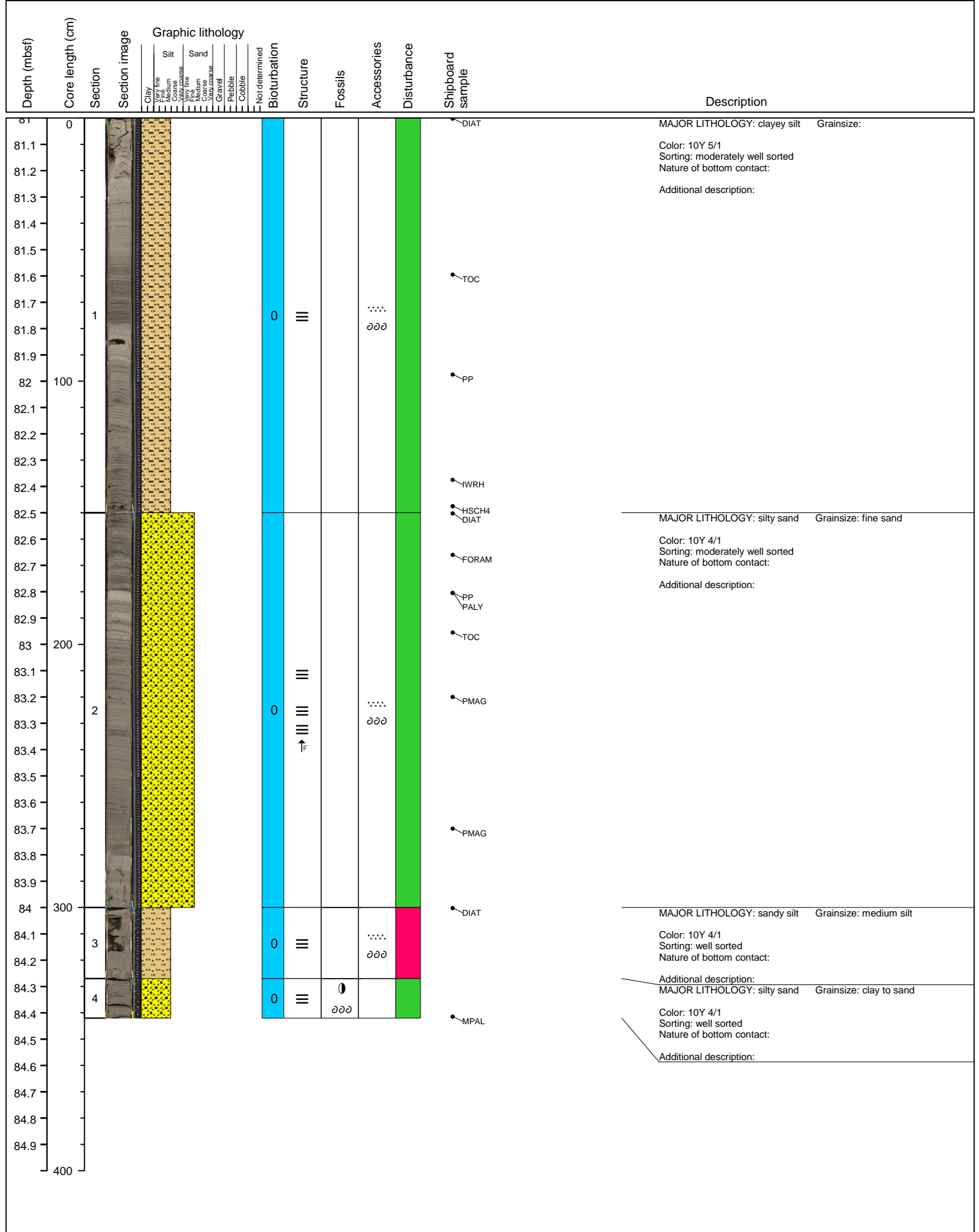
Site M0059 Hole D Core 24H Cored 74.4-77.7 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Silt	Sand	Gravel	Pebble	Cobble	Not determined										
74.4	0																		DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 4/1 Sorting: Nature of bottom contact: Additional description: Green gray, fine grained clay, well sorted with mm-scale laminations. MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 4/1 Sorting: Nature of bottom contact: Additional description:
74.5																				
74.6																				
74.7																				
74.8																				
74.9																				
75.0																				
75.1	1																		TOC	
75.2																			PP PWAV	
75.3																				
75.4	100																			
75.5																				
75.6																				
75.7																				
75.8																			IWRH	
75.9																			HSC4 DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 4/1 Sorting: Nature of bottom contact: Additional description:
76.0																				
76.1																			FORAM	
76.2																				
76.3																				
76.4	200																			
76.5																				
76.6																				
76.7	2																		PP PWAV	
76.8																				
76.9																				
77.0																				
77.1																			PMAG	
77.2																				
77.3																				
77.4	300																		DIAT	MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 4/1 Sorting: Nature of bottom contact: Additional description: MAJOR LITHOLOGY: clay Grainsize: clay
77.5																				
77.6	3																		PMAG DIAT	
77.7																				
77.8	4																		PMAG MPAL	Color: 2.5Y 4/1 Sorting: very well sorted Nature of bottom contact: Additional description:
77.9																				
78.0																				
78.1																				
78.2																				
78.3																				
78.4	400																			

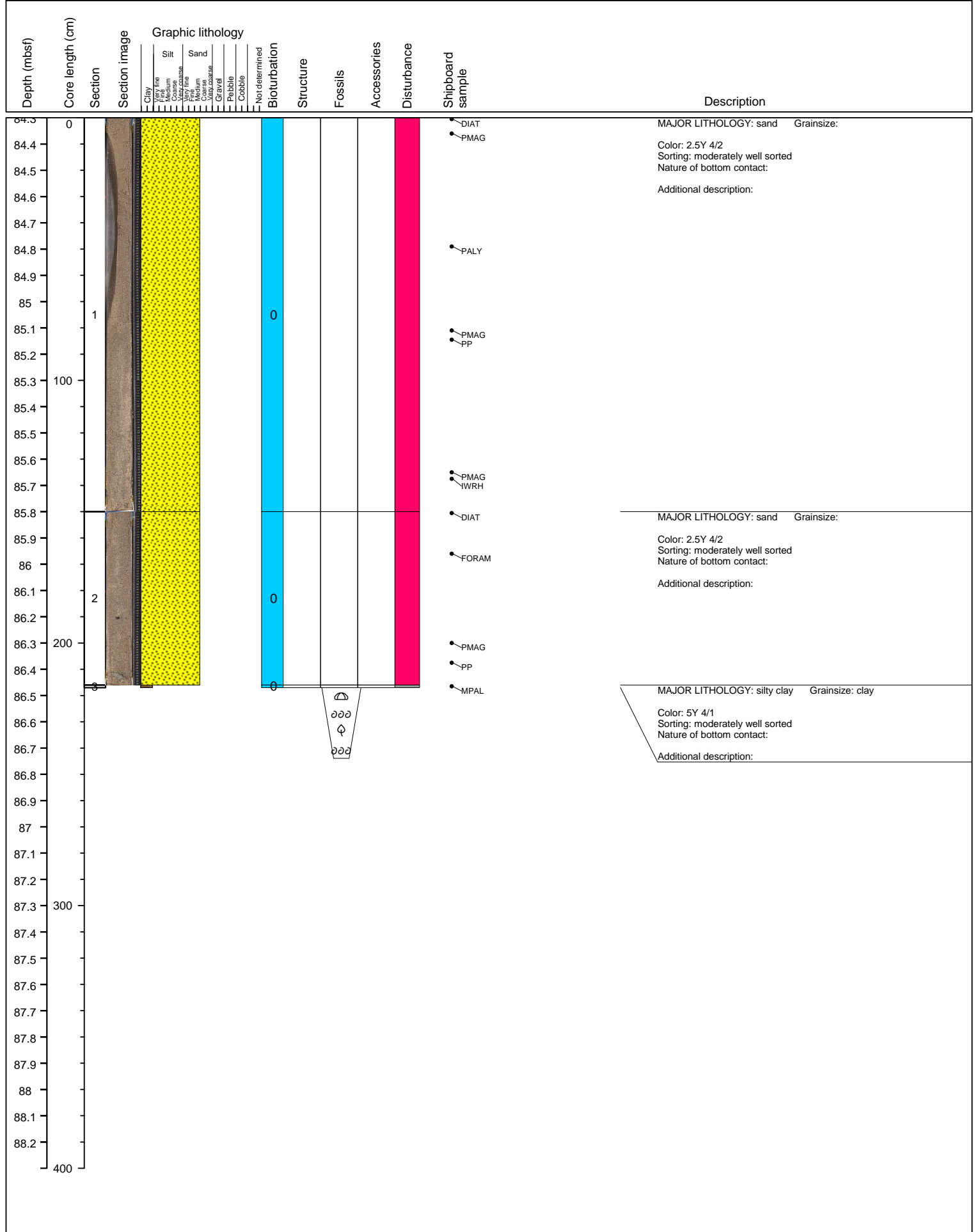




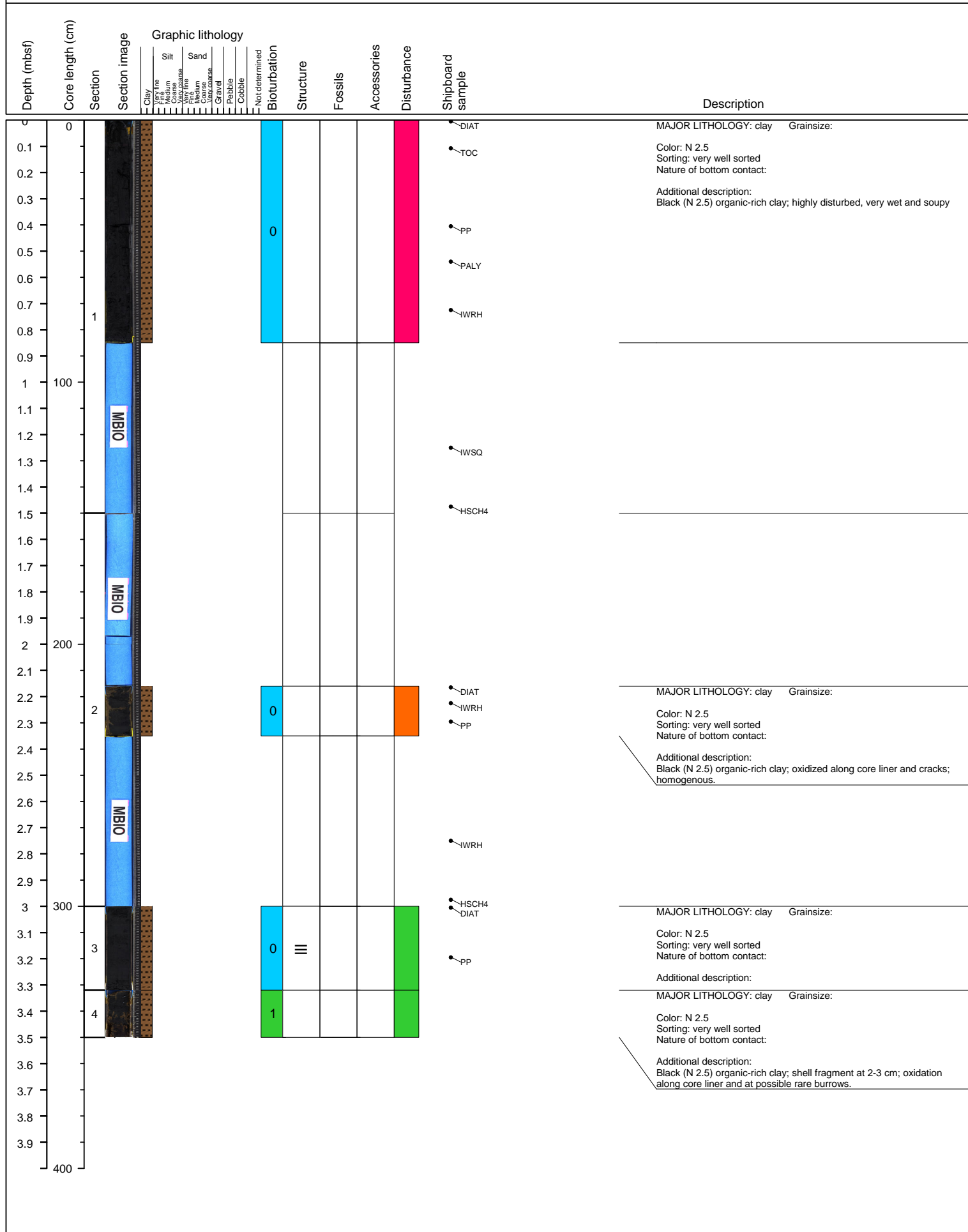
Site M0059 Hole D Core 26H Cored 81-84.3 mbsf

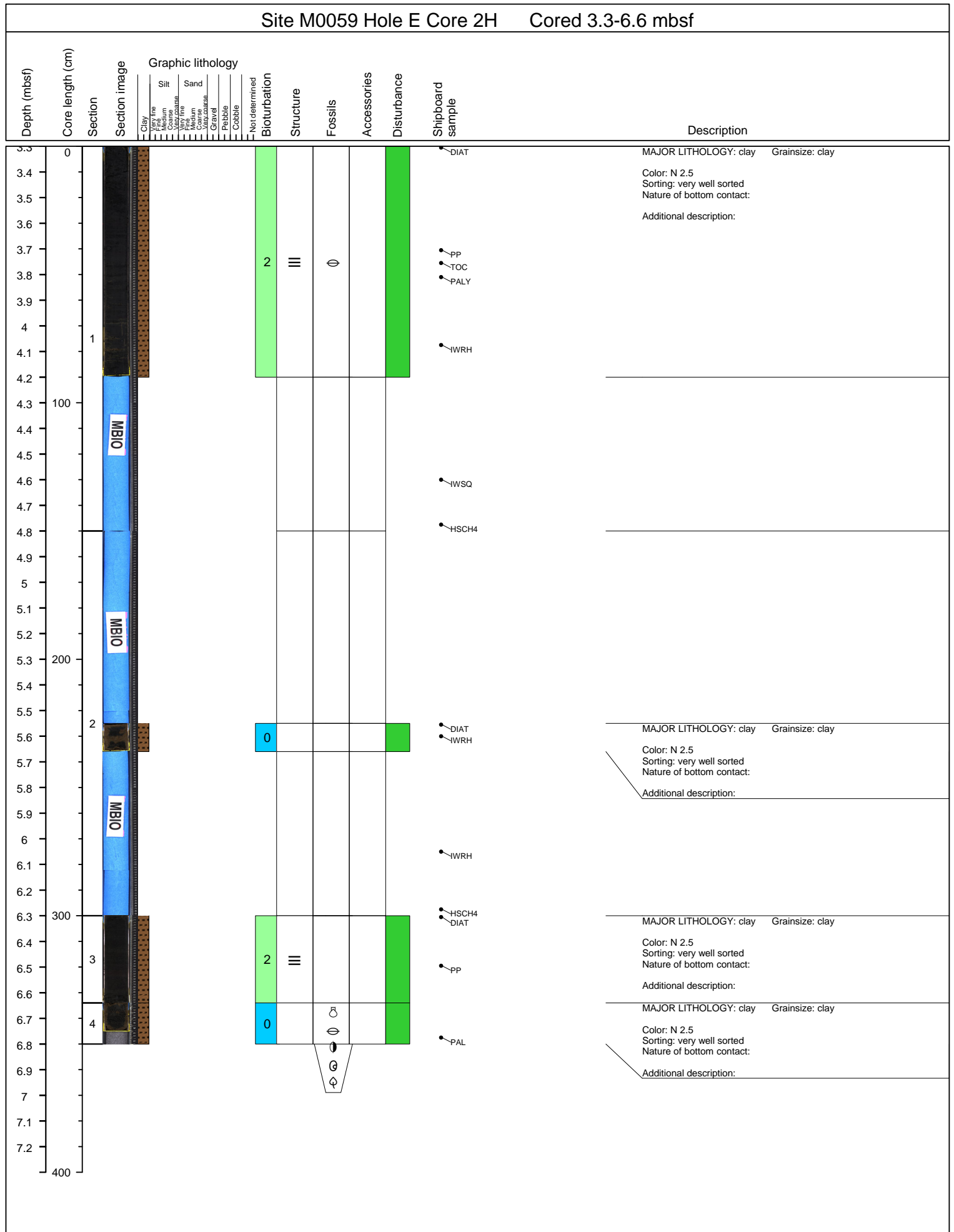


Site M0059 Hole D Core 27H Cored 84.3-86.47 mbsf

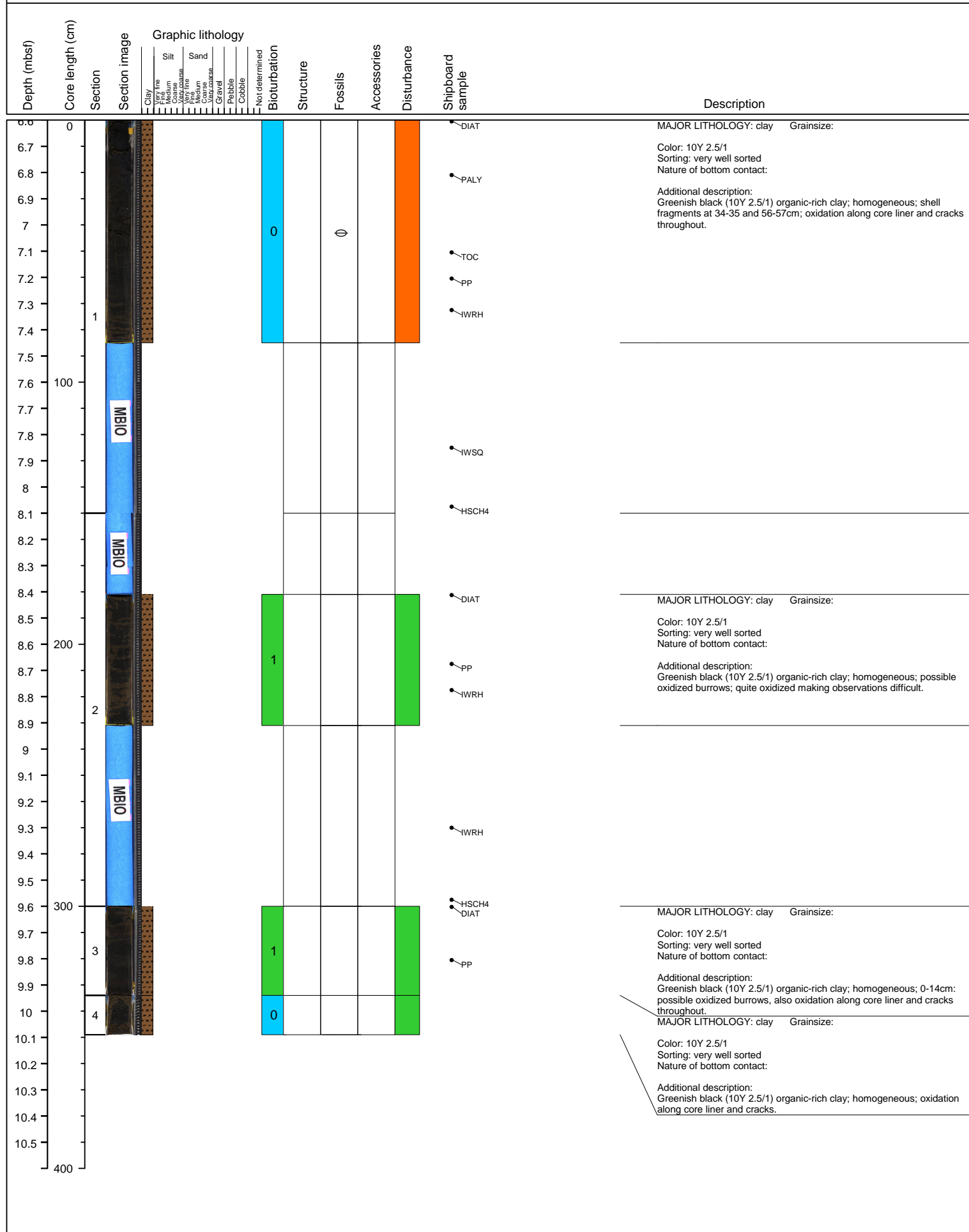


Site M0059 Hole E Core 1H Cored 0-3.3 mbsf



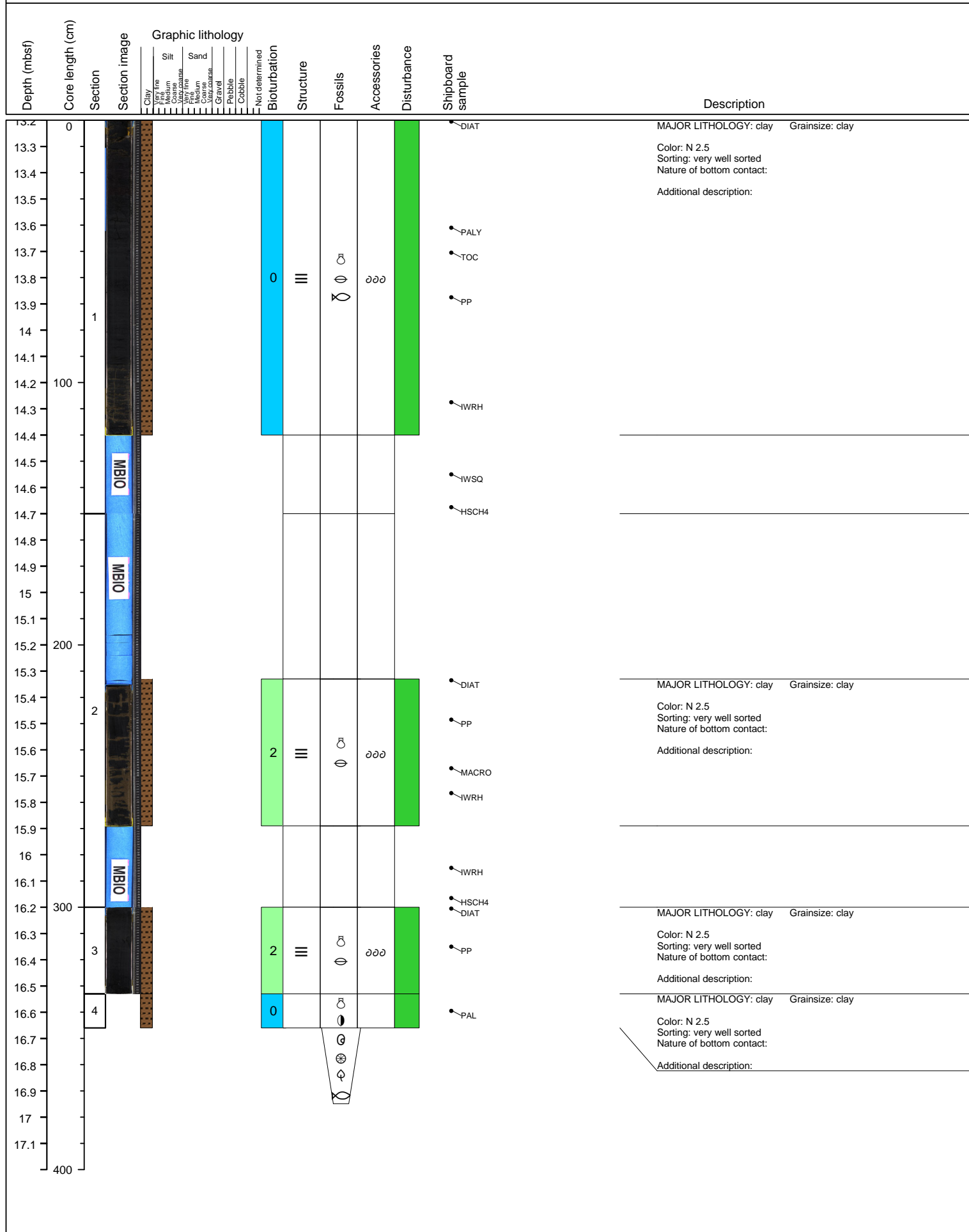


Site M0059 Hole E Core 3H Cored 6.6-9.9 mbsf





Site M0059 Hole E Core 5H Cored 13.2-16.5 mbsf







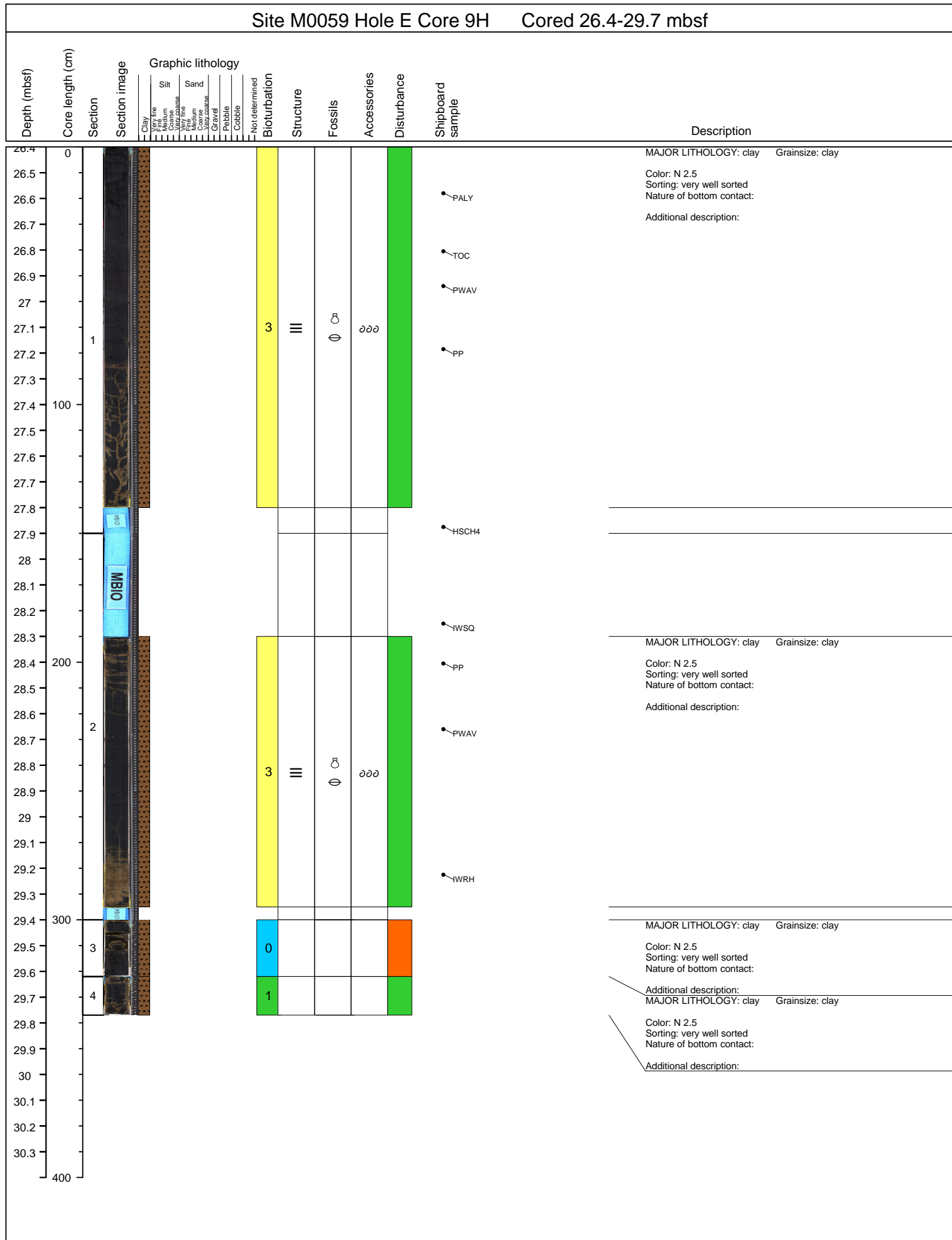
Site M0059 Hole E Core 7H Cored 19.8-23.1 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description		
				Clay	Very fine Silt	Medium Silt	Coarse Silt	Very fine Sand	Medium Sand	Coarse Sand	Gravel	Pebble	Cobble								Not determined	
19.8	0																			MAJOR LITHOLOGY: clay Grainsize: clay Color: 10Y 2.5/1 Sorting: very well sorted Nature of bottom contact: Additional description:		
19.9																			PALY			
20.0																			PWAV			
20.1																			TOC			
20.2																						
20.3																						
20.4																			2	III	⊖	∞∞∞
20.5																						
20.6		1																	PP			
20.7																						
20.8																			IWRH			
20.9	100																					
21.0																						
21.1																						
21.2																			IWSQ			
21.3																			HSCH4			
21.4																						
21.5																						
21.6																						
21.7																						
21.8	200																					
21.9																						
22.0																						
22.1		2																				
22.2																						
22.3																						
22.4																						
22.5																						
22.6																						
22.7																			IWRH			
22.8	300																		HSCH4			
22.9		3																	PP	MAJOR LITHOLOGY: clay Grainsize: clay Color: 10Y 2.5/1 Sorting: very well sorted Nature of bottom contact: Additional description:		
23.0																						
23.1		4																		MAJOR LITHOLOGY: clay Grainsize: clay Color: N 2.5 Sorting: very well sorted Nature of bottom contact: Additional description:		
23.2																						
23.3																						
23.4																						
23.5																						
23.6																						
23.7																						
400																						

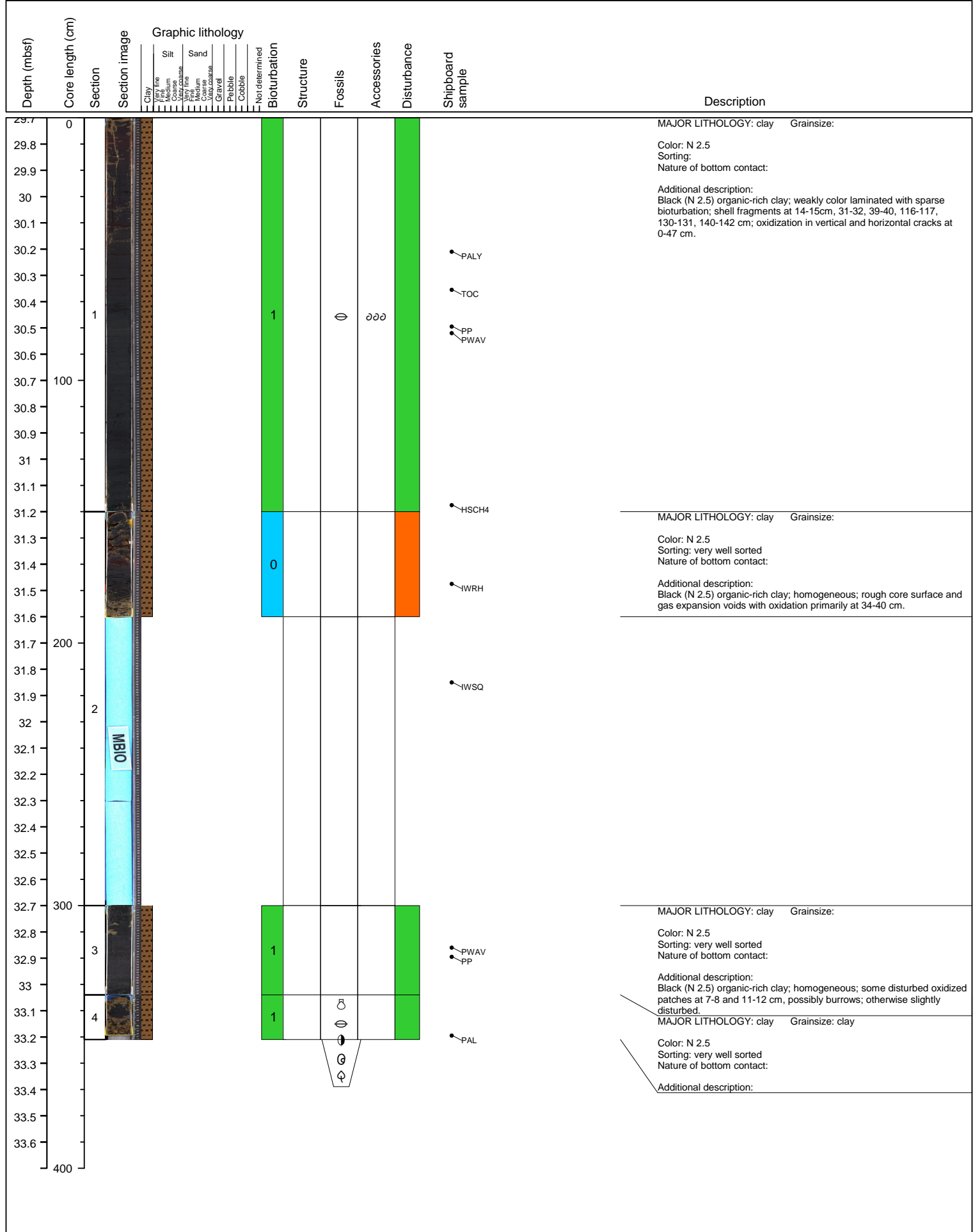
Site M0059 Hole E Core 8H Cored 23.1-26.4 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology								Shipboard sample	Description						
				Clay	Very fine Silt	Medium Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble			Cobble	Not determined	Structure	Fossils	Accessories	Disturbance
23.1	0																		MAJOR LITHOLOGY: clay Grainsize: clay
23.2																			Color: N 2.5
23.3																		PALY	Sorting: very well sorted
23.4																			Nature of bottom contact:
23.5																			Additional description:
23.6																			
23.7																			
23.8		1																TOC	
23.9																		PWAV	
24.0																		PP	
24.1	100																		
24.2																			
24.3																			
24.4																			
24.5																			
24.6																		HSCH4	
24.7																			
24.8																		WSQ	
24.9																			
25.0																			
25.1	200																		
25.2																			
25.3																			
25.4		2																PP	MAJOR LITHOLOGY: clay Grainsize: clay
25.5																			Color: N 2.5
25.6																			Sorting: very well sorted
25.7																			Nature of bottom contact:
25.8																			Additional description:
25.9																			MAJOR LITHOLOGY: clay Grainsize: clay
26.0																		WRH	Color: N 2.5
26.1	300																		Sorting: very well sorted
26.2		3																	Nature of bottom contact:
26.3																			Additional description:
26.4		4																	MAJOR LITHOLOGY: clay Grainsize: clay
26.5																			Color: N 2.5
26.6																			Sorting: very well sorted
26.7																			Nature of bottom contact:
26.8																			Additional description:
26.9																			
27.0	400																		

Site M0059 Hole E Core 9H Cored 26.4-29.7 mbsf



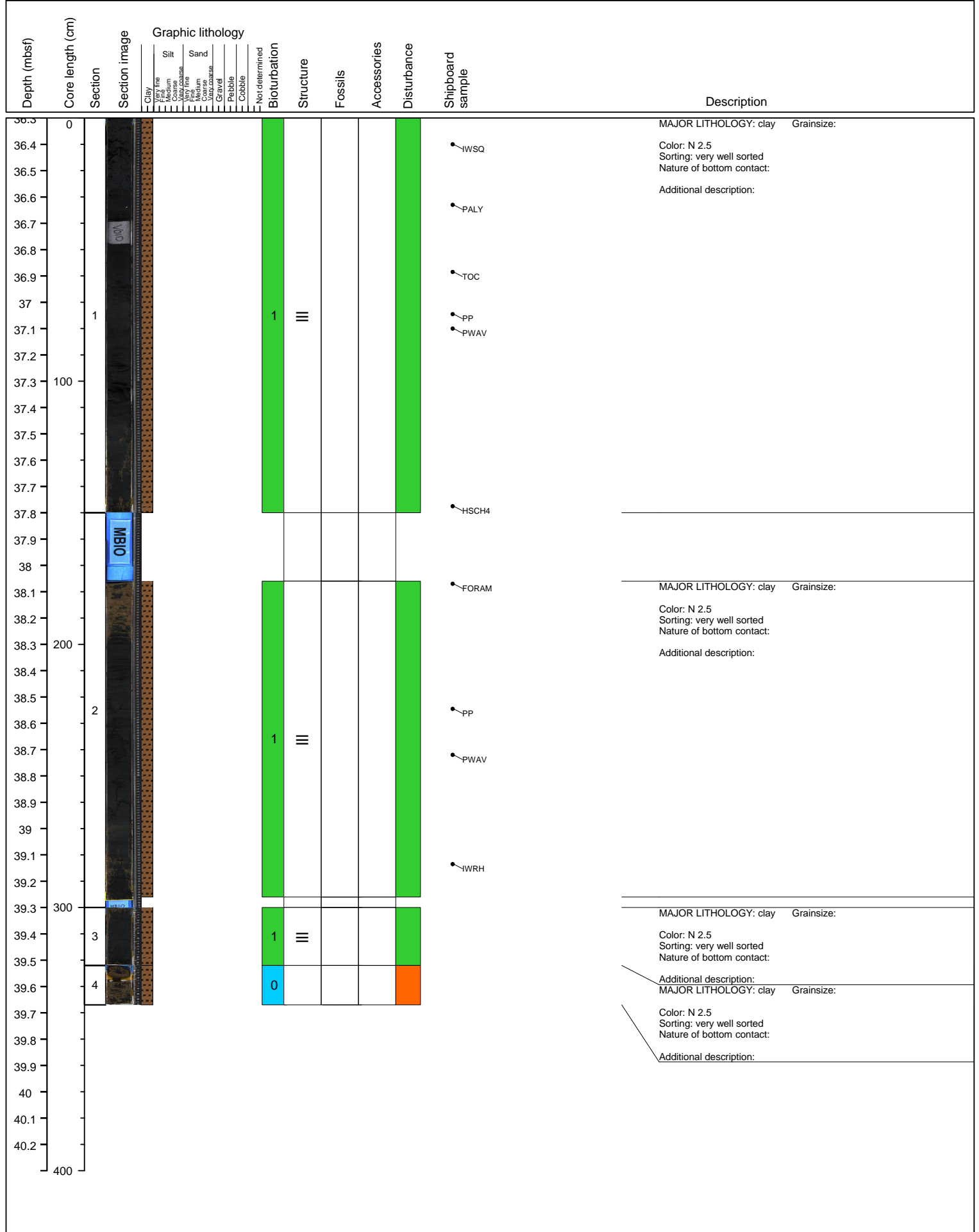
Site M0059 Hole E Core 10H Cored 29.7-33 mbsf



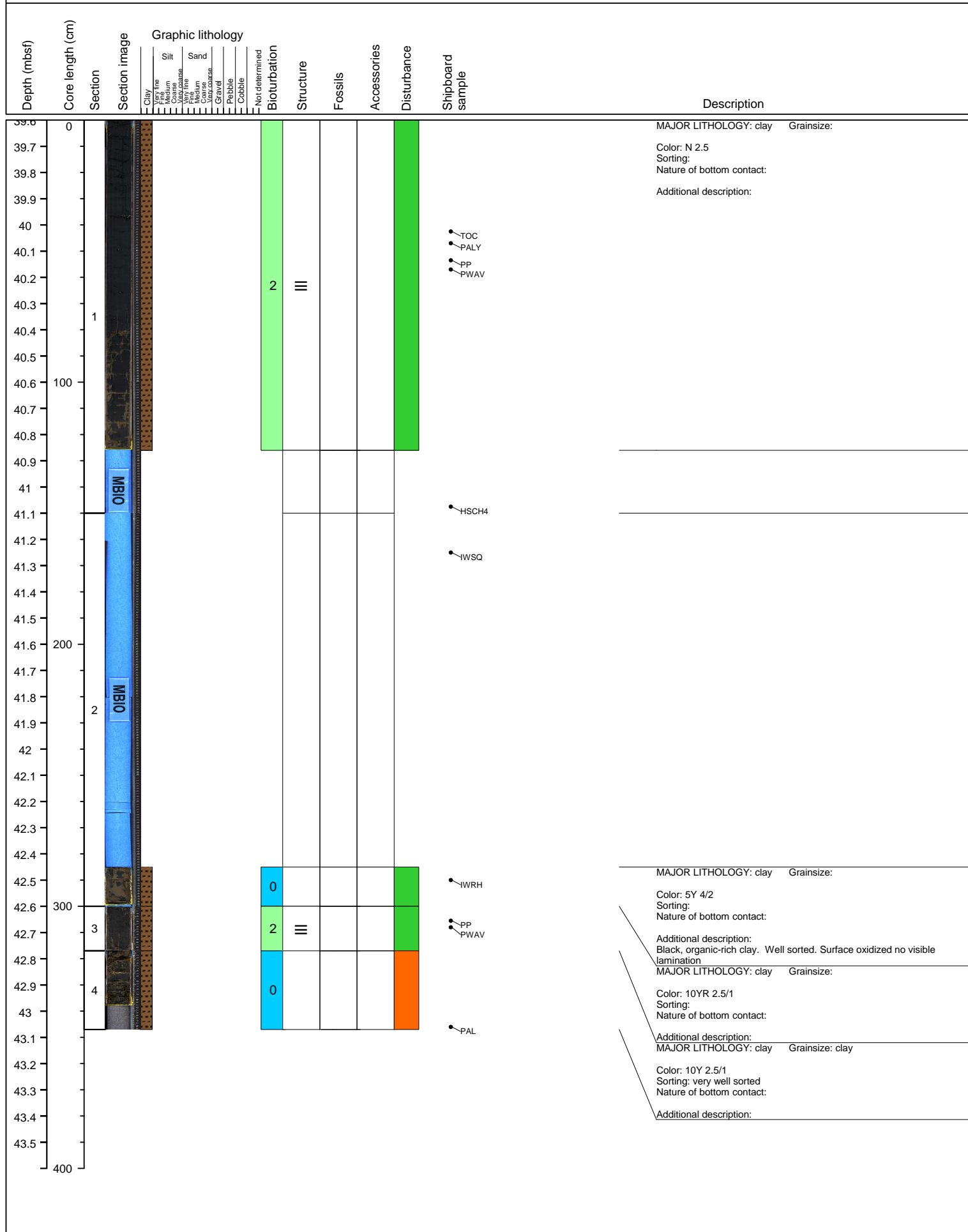
Site M0059 Hole E Core 11H Cored 33-36.3 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description	
				Clay Very fine Medium Coarse Very coarse Sand Very fine Medium Coarse Very coarse Gravel Pebble Cobble									
33.1	0											MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: Nature of bottom contact: Additional description:	
33.2													
33.3												PALY	
33.4													
33.5													
33.6													
33.7	1						3 III						
33.8													
33.9													
34	100												
34.1													
34.2													
34.3													
34.4													
34.5													
34.6													
34.7													
34.8													
34.9													
35	200												
35.1												MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: Nature of bottom contact: Additional description:	
35.2													
35.3													
35.4													
35.5													
35.6													
35.7													
35.8													
35.9													
36	300												
36.1												MAJOR LITHOLOGY: clay Grainsize: Color: N 2.5 Sorting: Nature of bottom contact: Additional description:	
36.2													
36.3													
36.4												MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 2.5/1 Sorting: Nature of bottom contact: Additional description:	
36.5													
36.6													
36.7													
36.8													
36.9													
37	400												

Site M0059 Hole E Core 12H Cored 36.3-39.6 mbsf



Site M0059 Hole E Core 13H Cored 39.6-42.9 mbsf

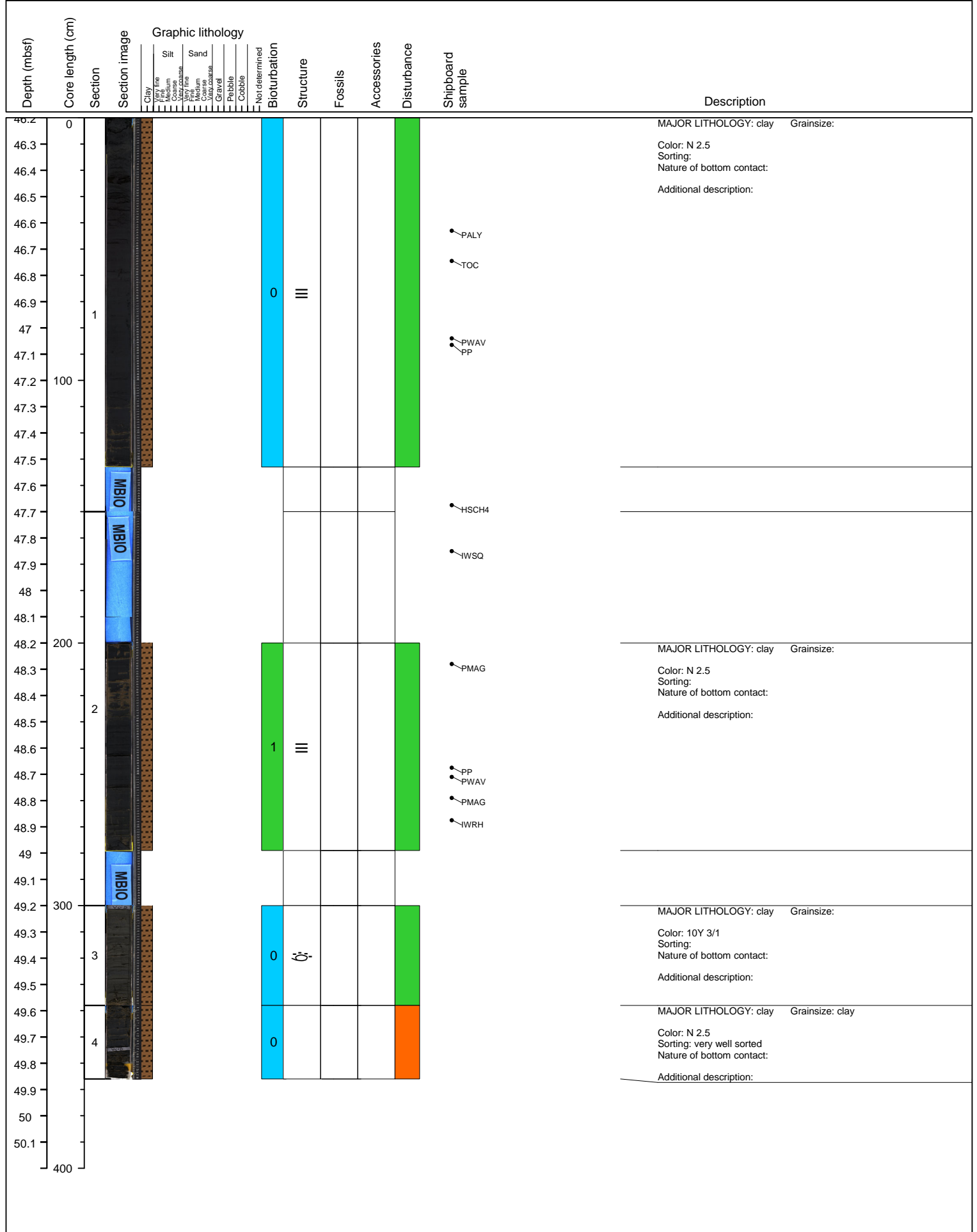




Site M0059 Hole E Core 14H Cored 42.9-46.2 mbsf

Depth (mbsf)	Core length (cm)	Section image	Graphic lithology										Shipboard sample	Description					
			Clay	Very fine Silt	Medium Silt	Very coarse Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble	Cobble			Not determined	Bioturbation	Structure	Fossils	Accessories
42.9	0																		
43																			MAJOR LITHOLOGY: clay Grainsize:
43.1																			Color: N 2.5
43.2																			Sorting: very well sorted
43.3																			Nature of bottom contact:
43.4																			Additional description:
43.5																			
43.6																			
43.7	1																		
43.8																			PWAV PP
43.9	100																		
44																			
44.1																			
44.2																			
44.3		MBIO																	
44.4																			HSCH4
44.5																			
44.6																			IWSQ
44.7		MBIO																	
44.8																			
44.9	200																		
45																			
45.1																			
45.2	2																		
45.3																			MAJOR LITHOLOGY: clay Grainsize:
45.4																			Color: N 2.5
45.5																			Sorting: very well sorted
45.6																			Nature of bottom contact:
45.7																			Additional description:
45.8		MBIO																	
45.9	300																		
46																			MAJOR LITHOLOGY: clay Grainsize:
46.1																			Color: N 2.5
46.2	3																		Sorting: very well sorted
46.3																			Nature of bottom contact:
46.4																			Additional description:
46.5	4																		
46.6																			MAJOR LITHOLOGY: clay Grainsize: clay
46.7																			Color: N 2.5
46.8																			Sorting: very well sorted
																			Nature of bottom contact:
																			Additional description:
	400																		

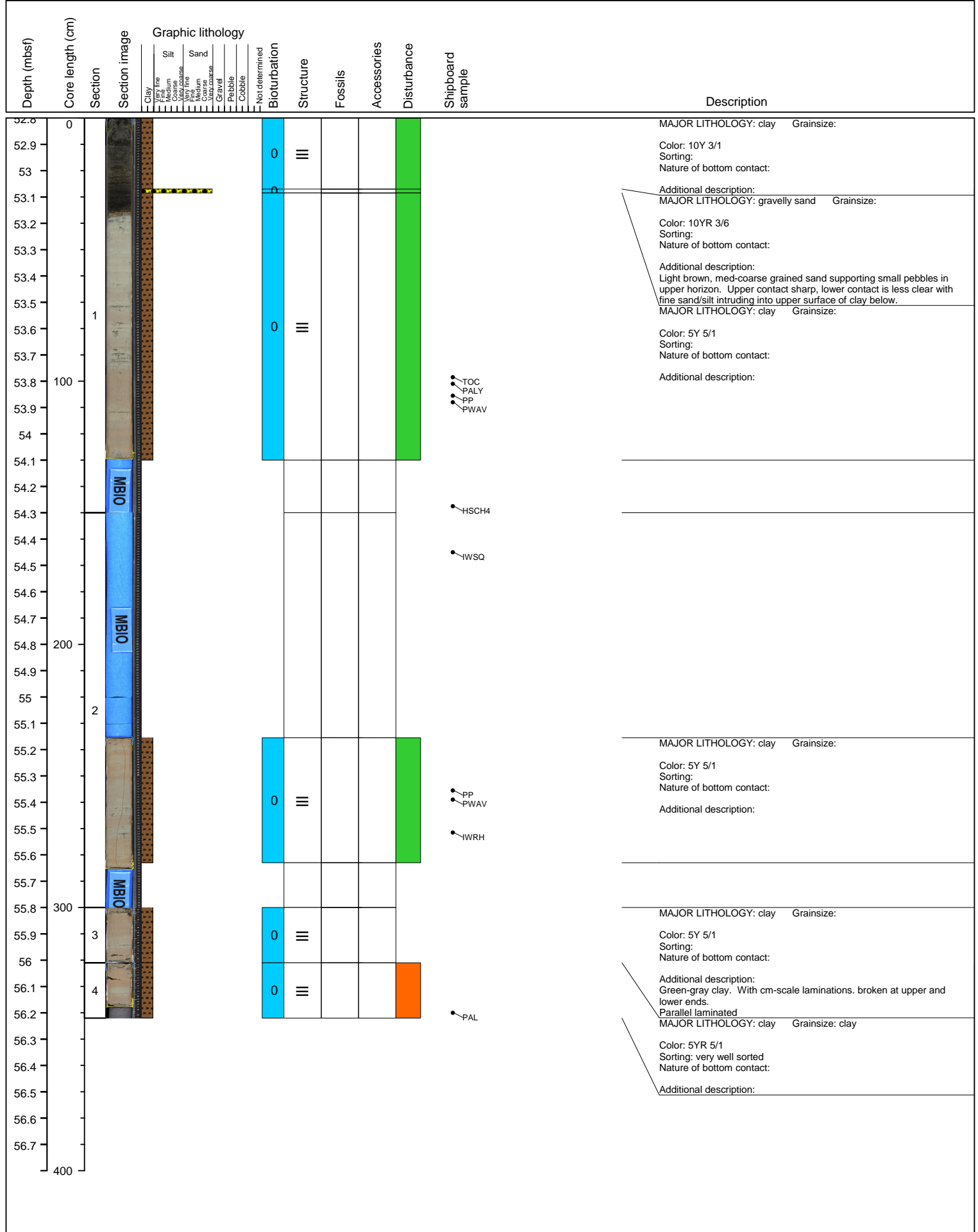
Site M0059 Hole E Core 15H Cored 46.2-49.5 mbsf



Site M0059 Hole E Core 16H Cored 49.5-52.8 mbsf

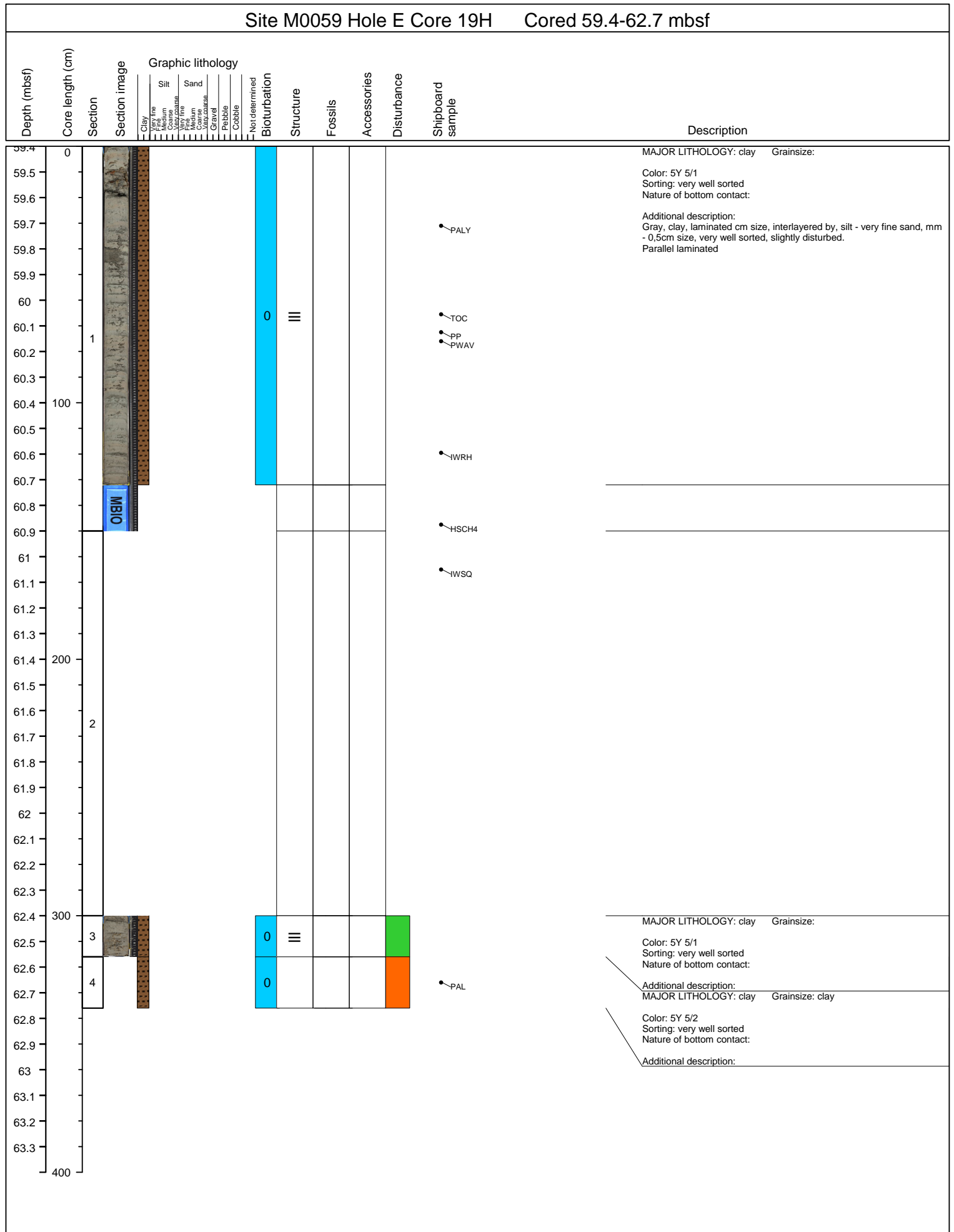
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Shipboard sample	Description						
				Clay	Very fine Silt	Medium Silt	Coarse Silt	Very fine Sand	Medium Sand	Coarse Sand	Gravel	Pebble	Cobble			Not determined	Bioturbation	Structure	Fossils	Accessories	Disturbance
49.5	0																				MAJOR LITHOLOGY: silty clay Grainsize: Color: N 2.5 Sorting: very well sorted Nature of bottom contact: Additional description:
49.6																				PALY	
49.7																					
49.8																				0 III	
49.9																				PP PWAV TOC	
50.0																					
50.1																					MAJOR LITHOLOGY: silty clay Grainsize: Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact: Additional description:
50.2	1																			0 III	
50.3																					
50.4																					
50.5	100																				MAJOR LITHOLOGY: silty clay Grainsize: Color: N 2.5 Sorting: very well sorted Nature of bottom contact: Additional description:
50.6																				0 III	
50.7																				0 III	
50.8																					MAJOR LITHOLOGY: silty clay Grainsize: Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact: Additional description:
50.9																					MAJOR LITHOLOGY: silty clay Grainsize: Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact: Additional description:
51.0			MBIO																	HSCH4	
51.1																				IWSQ	
51.2																					
51.3																					
51.4																					
51.5	200		MBIO																		
51.6																					
51.7																					
51.8	2																				
51.9																					
52.0																					MAJOR LITHOLOGY: clay Grainsize: Color: 5YR 4/1 Sorting: very well sorted Nature of bottom contact: Additional description:
52.1																				FORAM PMAG IWRH	
52.2																					
52.3																					
52.4																					
52.5	300		MBIO																		MAJOR LITHOLOGY: clay Grainsize: Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact: Additional description:
52.6																				PP PWAV	
52.7	3																				
52.8																					
52.9																					MAJOR LITHOLOGY: clay Grainsize: Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact: Additional description:
53.0	4																				
53.1																					
53.2																					
53.3																					
53.4	400																				

Site M0059 Hole E Core 17H Cored 52.8-56.1 mbsf



Site M0059 Hole E Core 18H Cored 56.1-59.4 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Description					
				Clay	Silt	Sand	Gravel	Pebble	Cobble	Not determined	Bioturbation	Structure	Fossils		Accessories	Disturbance	Shipboard sample		
56.1	0																		MAJOR LITHOLOGY: clay Grainsize:  Color: 5YR 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description: Gray, clay, weak lamination 1-5cm size, by color, few mm size silt lamina, very well sorted, slightly disturbed Parallel laminated
56.2																			
56.3																			
56.4																			
56.5																			
56.6																			
56.7																			
56.8		1																	
56.9																			
57																			
57.1	100																		
57.2																			
57.3																			
57.4																			
57.5																			
57.6																			
57.7																			
57.8																			
57.9																			
58																			
58.1	200																		MAJOR LITHOLOGY: clay Grainsize:  Color: 5YR 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description:
58.2																			
58.3																			
58.4		2																	
58.5																			
58.6																			
58.7																			
58.8																			
58.9																			
59																			
59.1	300																		MAJOR LITHOLOGY: clay Grainsize:  Color: 10YR 5/1 Sorting: very well sorted Nature of bottom contact:  Additional description:
59.2																			
59.3																			
59.4		3																	
59.5																			
59.6																			
59.7		4																	MAJOR LITHOLOGY: clay Grainsize: clay  Color: 5Y 4/2 Sorting: very well sorted Nature of bottom contact:  Additional description:
59.8																			
59.9																			
60																			
400																			



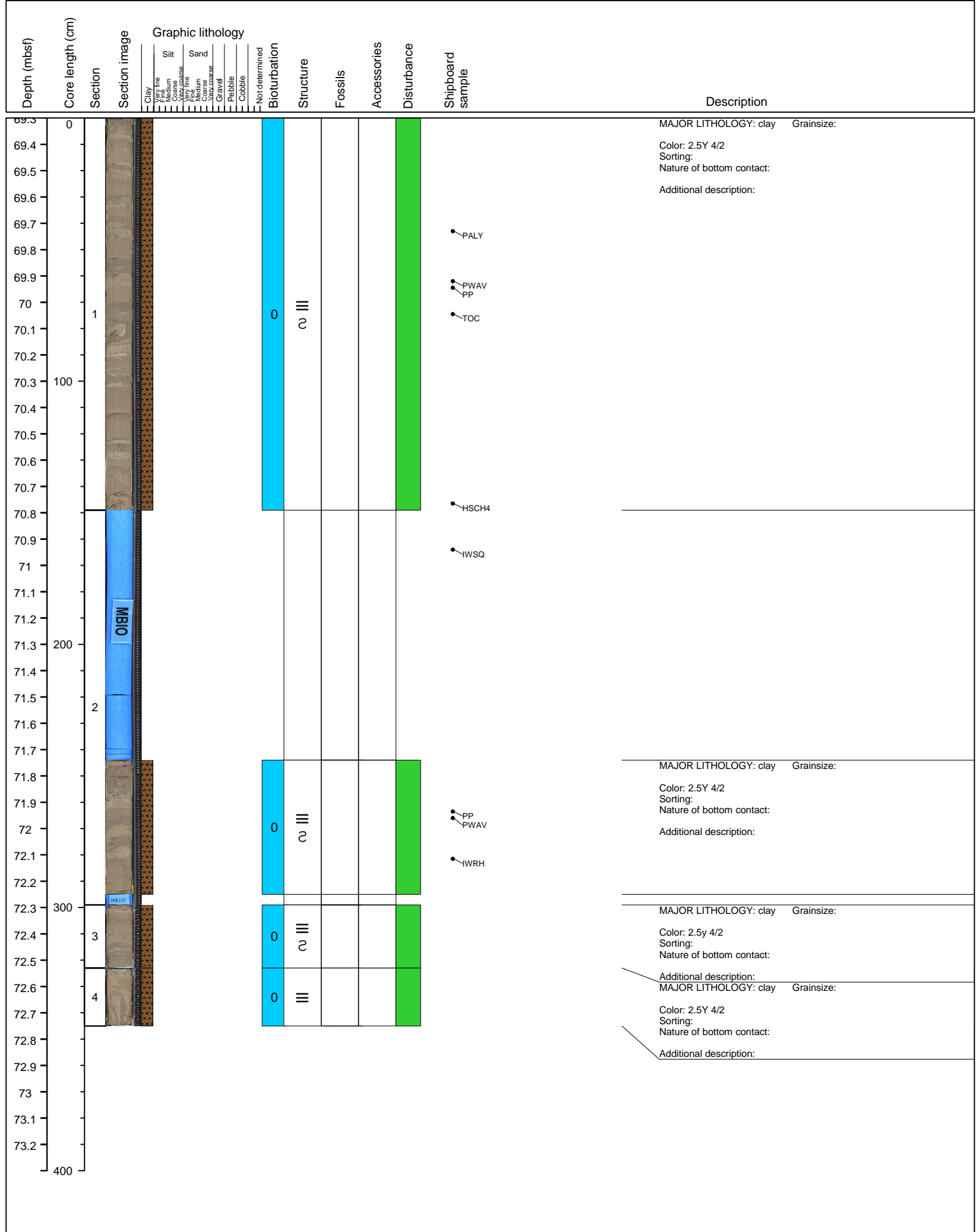


Site M0059 Hole E Core 21H Cored 66-69.3 mbsf

Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Bioturbation	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay	Very fine Silt	Medium Silt	Very coarse Silt	Very fine Sand	Medium Sand	Very coarse Sand	Gravel	Pebble	Cobble							
66.1	0																			MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 5/1 Sorting: Nature of bottom contact: Additional description:
66.2																				
66.3																				
66.4																				
66.5																				
66.6																				
66.7		1																		TOC PALY PP PWAV
66.8																				
66.9																				
67.0	100																			
67.1																				
67.2																				
67.3																				
67.4																				
67.5																				HSC4
67.6																				
67.7																				IWSQ
67.8																				
67.9																				
68.0	200																			MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 5/1 Sorting: Nature of bottom contact: Additional description:
68.1																				
68.2		2																		
68.3																				
68.4																				PP PWAV
68.5																				
68.6																				
68.7																				
68.8																				
68.9																				IWRH
69.0	300																			MAJOR LITHOLOGY: clay Grainsize: Color: 10Y 5/1 Sorting: Nature of bottom contact: Additional description:
69.1																				
69.2		3																		
69.3																				
69.4		4																		MAJOR LITHOLOGY: clay Grainsize: clay Color: 5Y 4/1 Sorting: very well sorted Nature of bottom contact: Additional description:
69.5																				
69.6																				
69.7																				
69.8																				
69.9																				
400																				



Site M0059 Hole E Core 22H Cored 69.3-72.6 mbsf



Site M0059 Hole E Core 23H Cored 72.6-75.9 mbsf											
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology	Not determined	Structure	Fossils	Accessories	Disturbance	Shipboard sample	Description
				Clay Very fine Medium Coarse Very fine Medium Coarse Gravel Pebble Cobble	Silt Very fine Medium Coarse	Sand Very fine Medium Coarse					
72.6	0										MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
72.7											
72.8											
72.9											
73										PALY	
73.1										TOC	
73.2											
73.3	1					0 III					
73.4											
73.5											
73.6	100										
73.7										PP PWAV	
73.8											
73.9											
74											
74.1										HSC4	
74.2											
74.3										WSQ	
74.4											
74.5											
74.6	200										
74.7											
74.8	2										
74.9											
75											
75.1											
75.2											
75.3										PP PWAV	MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
75.4						0 III					
75.5										WRH	
75.6	300										MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
75.7	3					0					MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
75.8											MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
75.9	4					0					MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
76											Color: 2.5Y 5/2 Sorting: Nature of bottom contact: Additional description:
76.1											
76.2											
76.3											
76.4											
76.5											
400											

Site M0059 Hole E Core 24H Cored 75.9-79.2 mbsf														
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology				Shipboard sample	Description					
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories	Disturbance			
				Very fine	Very fine	Very fine								
				Medium	Medium	Medium								
				Coarse	Coarse	Coarse								
				Very coarse	Very coarse	Very coarse								
				Gravel	Gravel	Gravel								
				Pebble	Pebble	Pebble								
				Cobble	Cobble	Cobble								
75.9	0												MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:	
76.0								0	III				TOC	
76.1													PP PWAV	
76.2														
76.3								0	2					MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/1 Sorting: poorly sorted Nature of bottom contact: Additional description:
76.4														
76.5														
76.6														
76.7														
76.8														
76.9	100													MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description: Gray, clay, contorted, weak lamination, very well to well sorted, few small grains, moderately disturbed Parallel laminated
77.0														
77.1														
77.2														
77.3														
77.4														
77.5														
77.6														
77.7														
77.8														
77.9	200													MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/1 Sorting: very well sorted Nature of bottom contact: Additional description:
78.0														
78.1														
78.2														
78.3														
78.4														
78.5														
78.6														
78.7														
78.8														
78.9	300													
79.0														
79.1														
79.2														
79.3														
79.4														
79.5														
79.6														
79.7														
79.8														
	400													

Site M0059 Hole E Core 25H Cored 79.2-82.5 mbsf

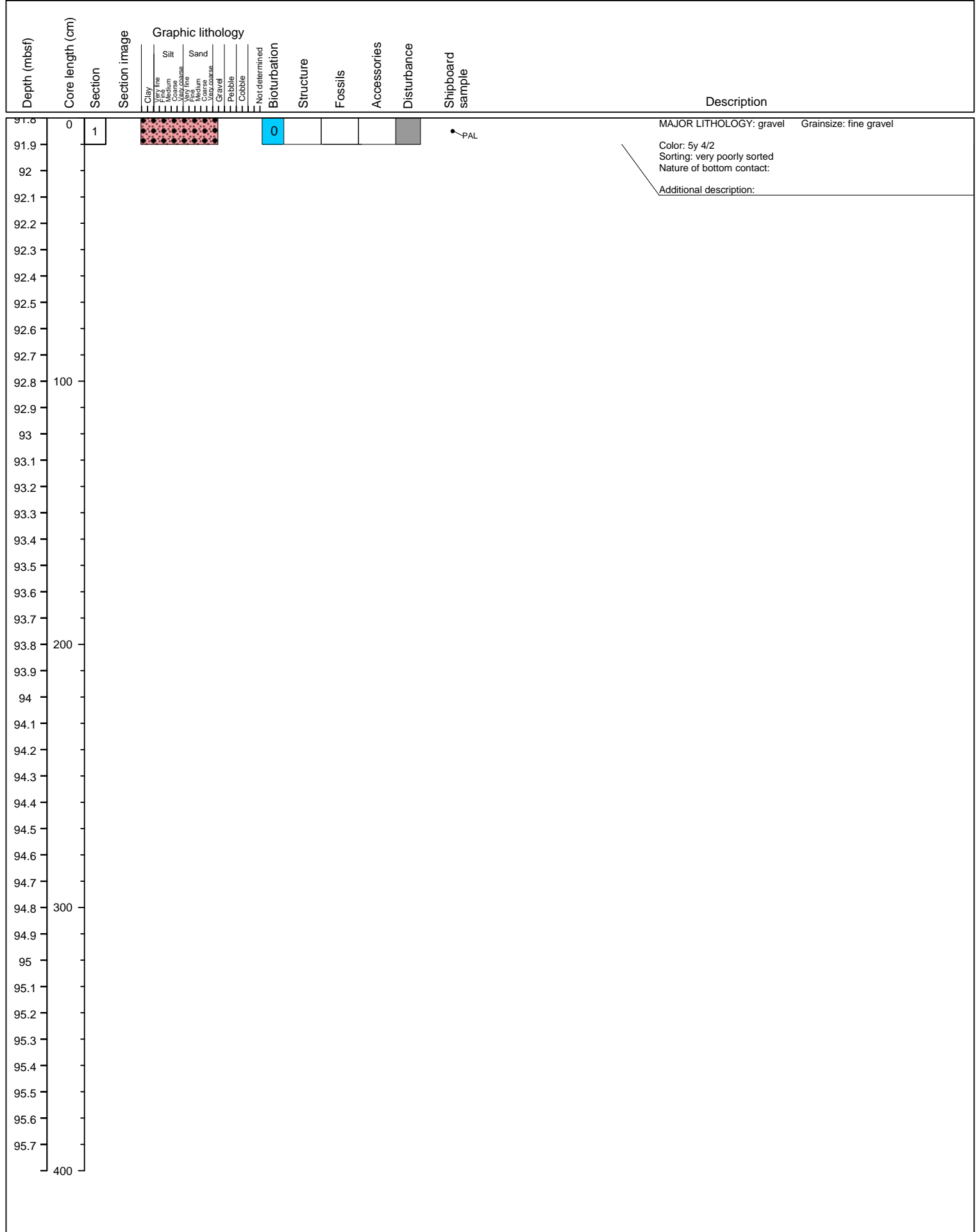
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology							Shipboard sample	Description		
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories			Disturbance	
79.2	0												MAJOR LITHOLOGY: clay Grainsize: Color: 2.5Y 5/2 Sorting: very well sorted Nature of bottom contact: Additional description:	
79.3														
79.4														
79.5														
79.6														
79.7														
79.8														
79.9	1													
80.0														
80.1														
80.2	100													
80.3														
80.4														
80.5														
80.6														
80.7														
80.8														
80.9														
81.0														
81.1														
81.2	200													
81.3														
81.4	2													
81.5														
81.6														
81.7														
81.8														
81.9														
82.0														
82.1														
82.2	300													
82.3	3													
82.4														
82.5	4													
82.6														
82.7														
82.8														
82.9														
83.0														
83.1														
83.2	400													

Site M0059 Hole E Core 26H Cored 82.5-85.8 mbsf

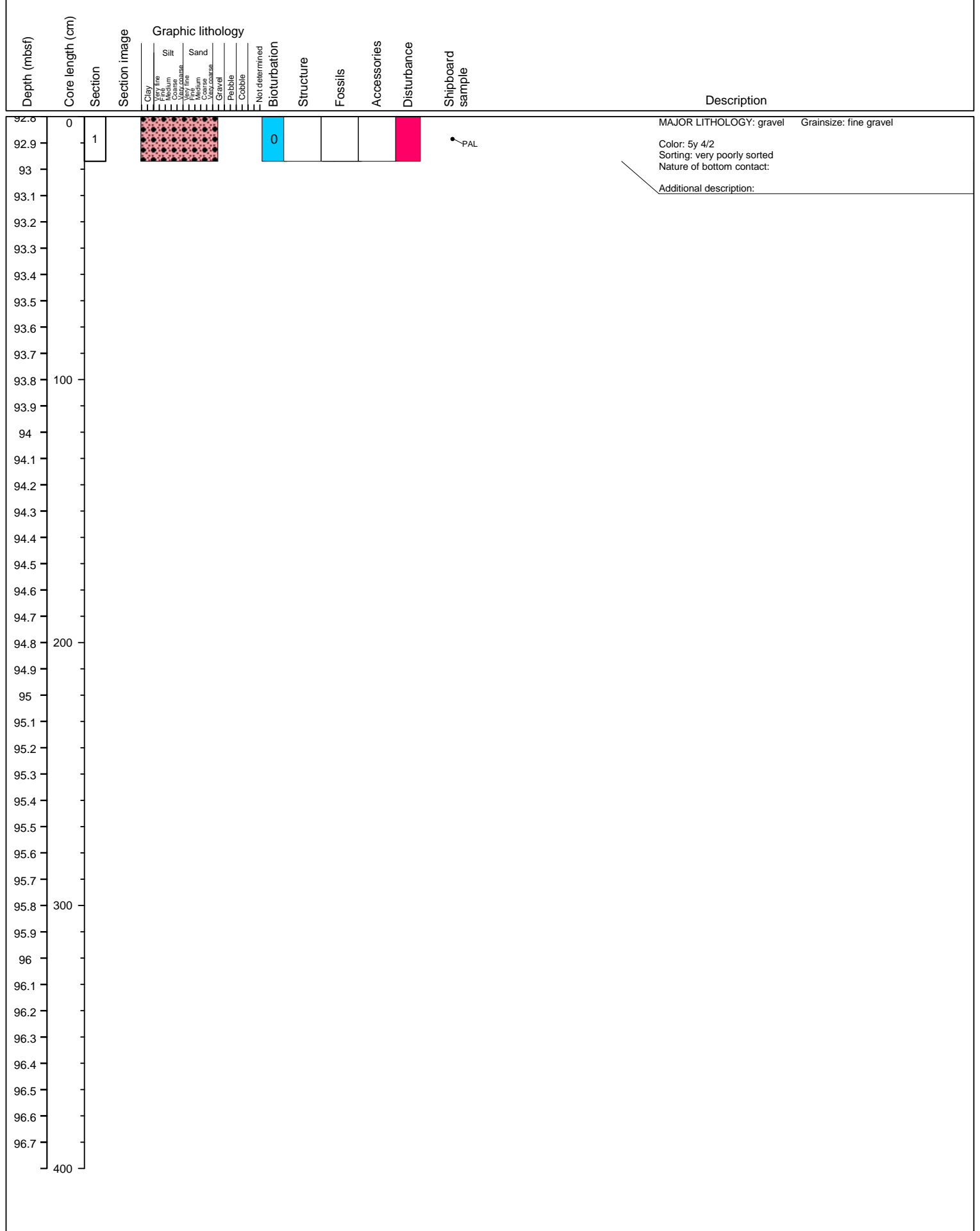
Depth (mbsf)	Core length (cm)	Section	Section image	Graphic lithology										Shipboard sample	Description		
				Clay	Silt	Sand	Not determined	Structure	Fossils	Accessories	Disturbance						
82.5	0															MAJOR LITHOLOGY: clay Grainsize: Color: 5y 5/1 Sorting: Nature of bottom contact: Additional description:	
82.6																	
82.7																	
82.8																	
82.9																	
83																	
83.1																	
83.2	1																
83.3																	
83.4																	
83.5	100																
83.6																	
83.7																	
83.8																	
83.9																	
84																	
84.1																	
84.2																	
84.3																	
84.4																	
84.5	200																
84.6																	
84.7	2																
84.8																	
84.9																	
85																	
85.1																	
85.2																	
85.3																	
85.4																	
85.5	300																
85.6																	
85.7	3																
85.8																	
85.9																	
86	4																
86.1																	
86.2																	
86.3																	
86.4	400																



Site M0059 Hole E Core 29S Cored 91.8-92.8 mbsf

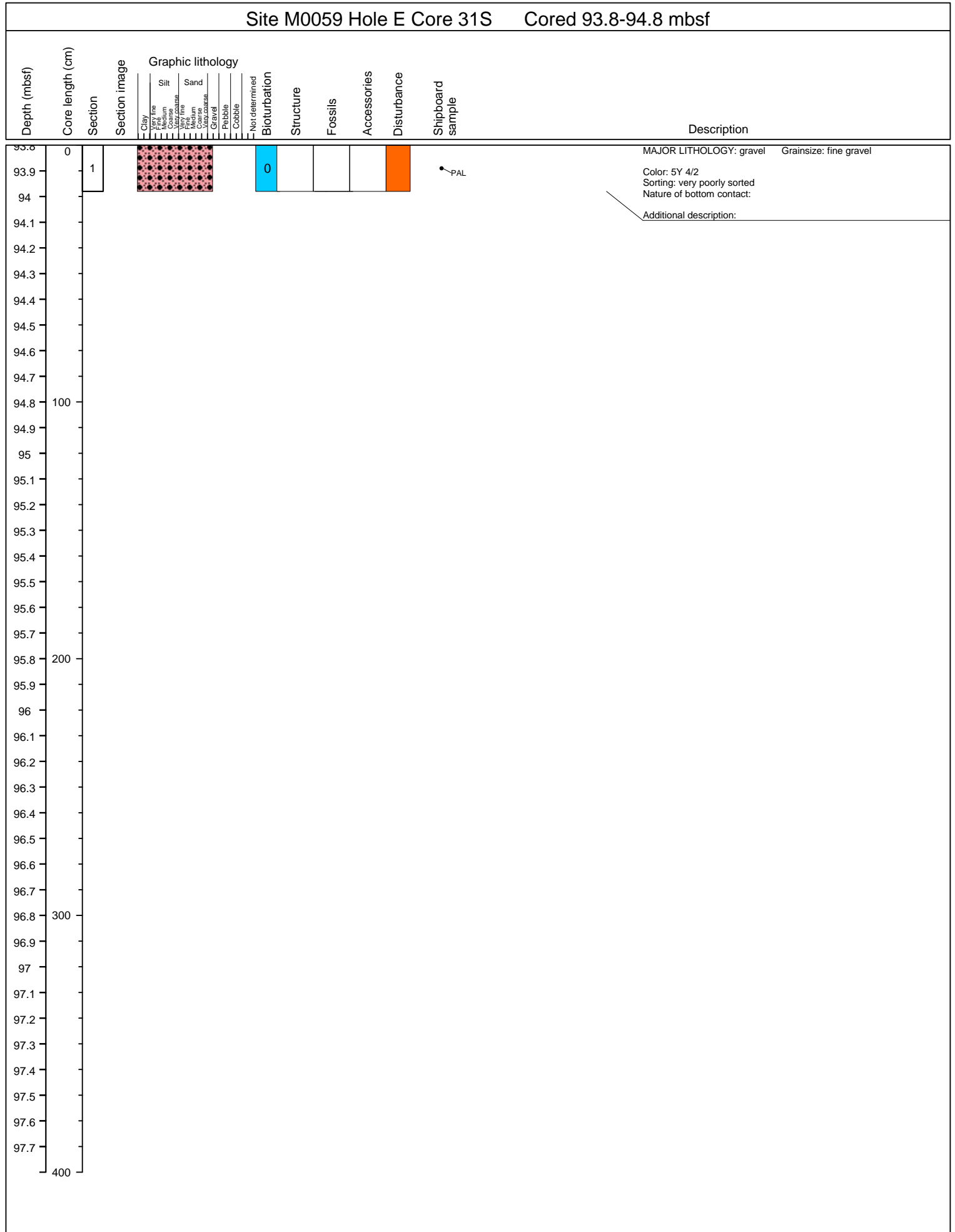


Site M0059 Hole E Core 30X Cored 92.8-93.8 mbsf

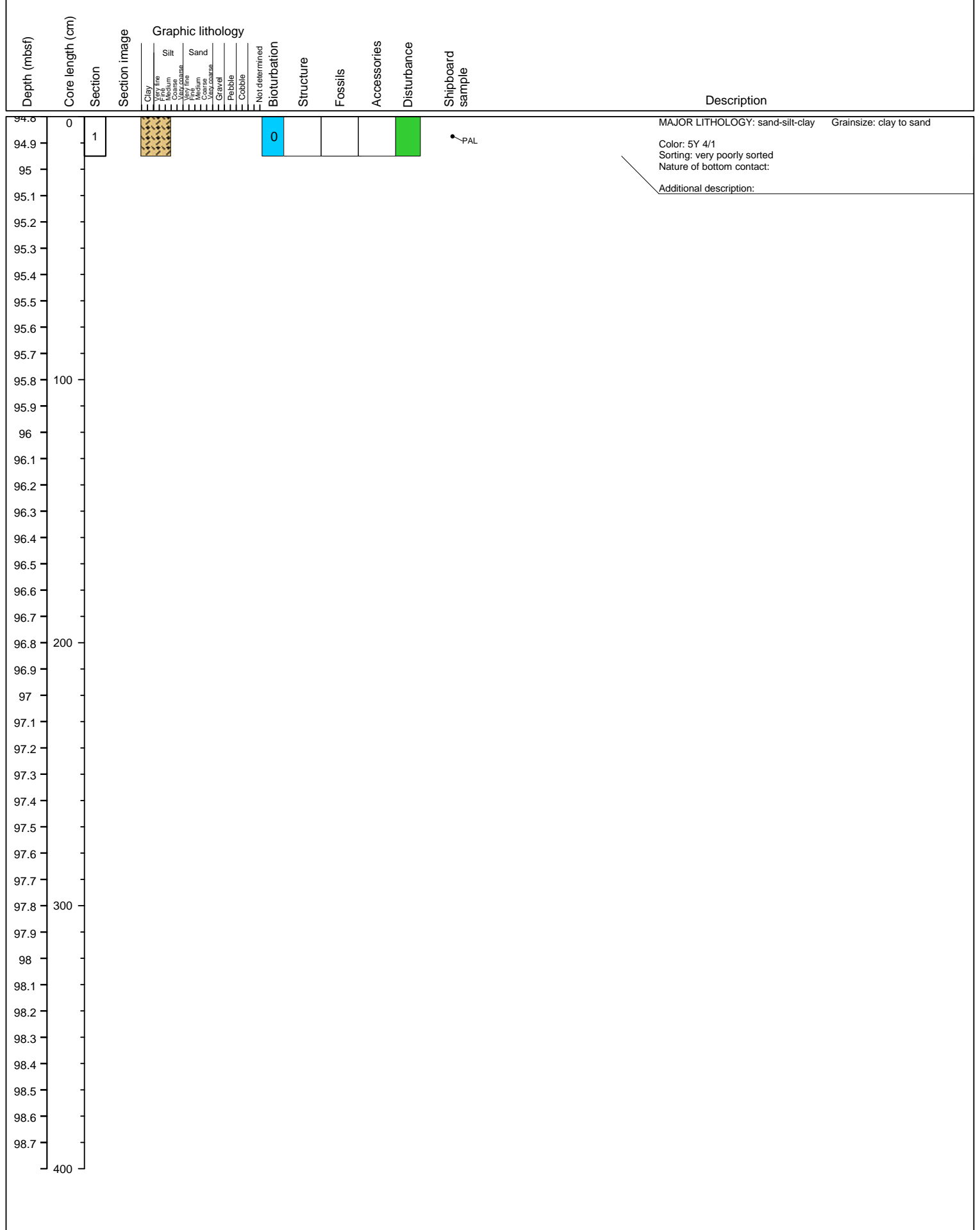




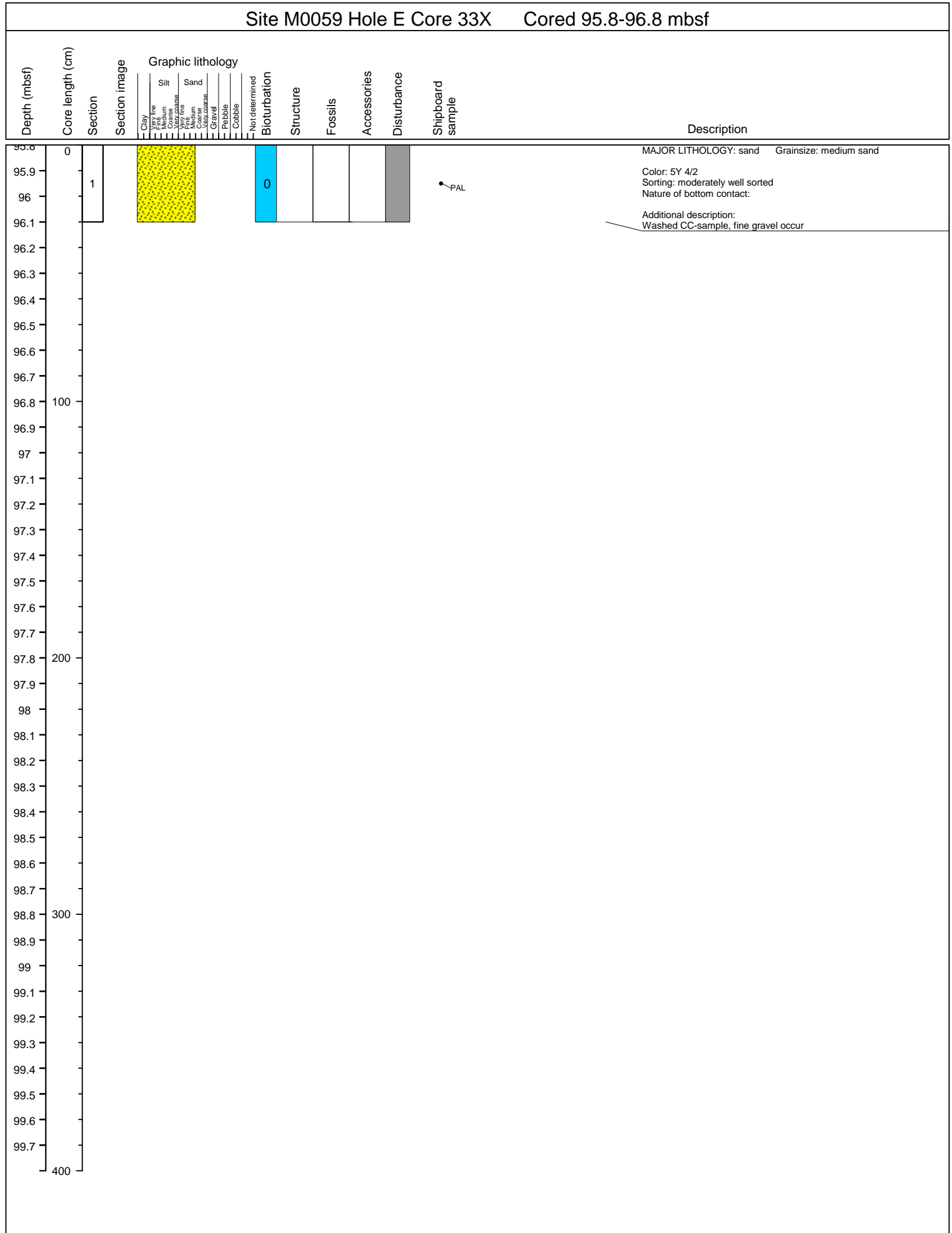
Site M0059 Hole E Core 31S Cored 93.8-94.8 mbsf



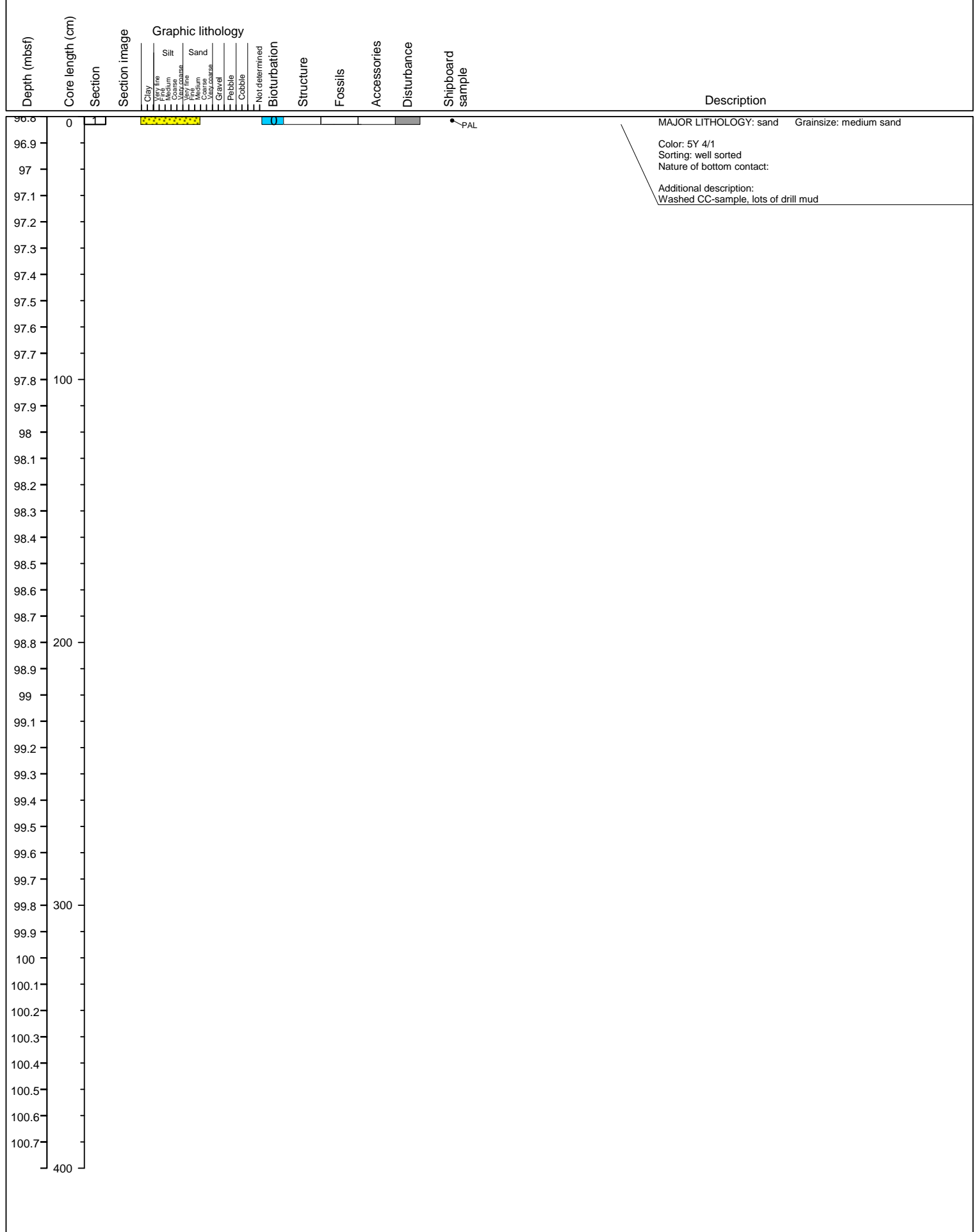
Site M0059 Hole E Core 32S Cored 94.8-95.8 mbsf



Site M0059 Hole E Core 33X Cored 95.8-96.8 mbsf



Site M0059 Hole E Core 34X Cored 96.8-97.8 mbsf



Site M0059 Hole E Core 35X Cored 97.8-98.8 mbsf

