









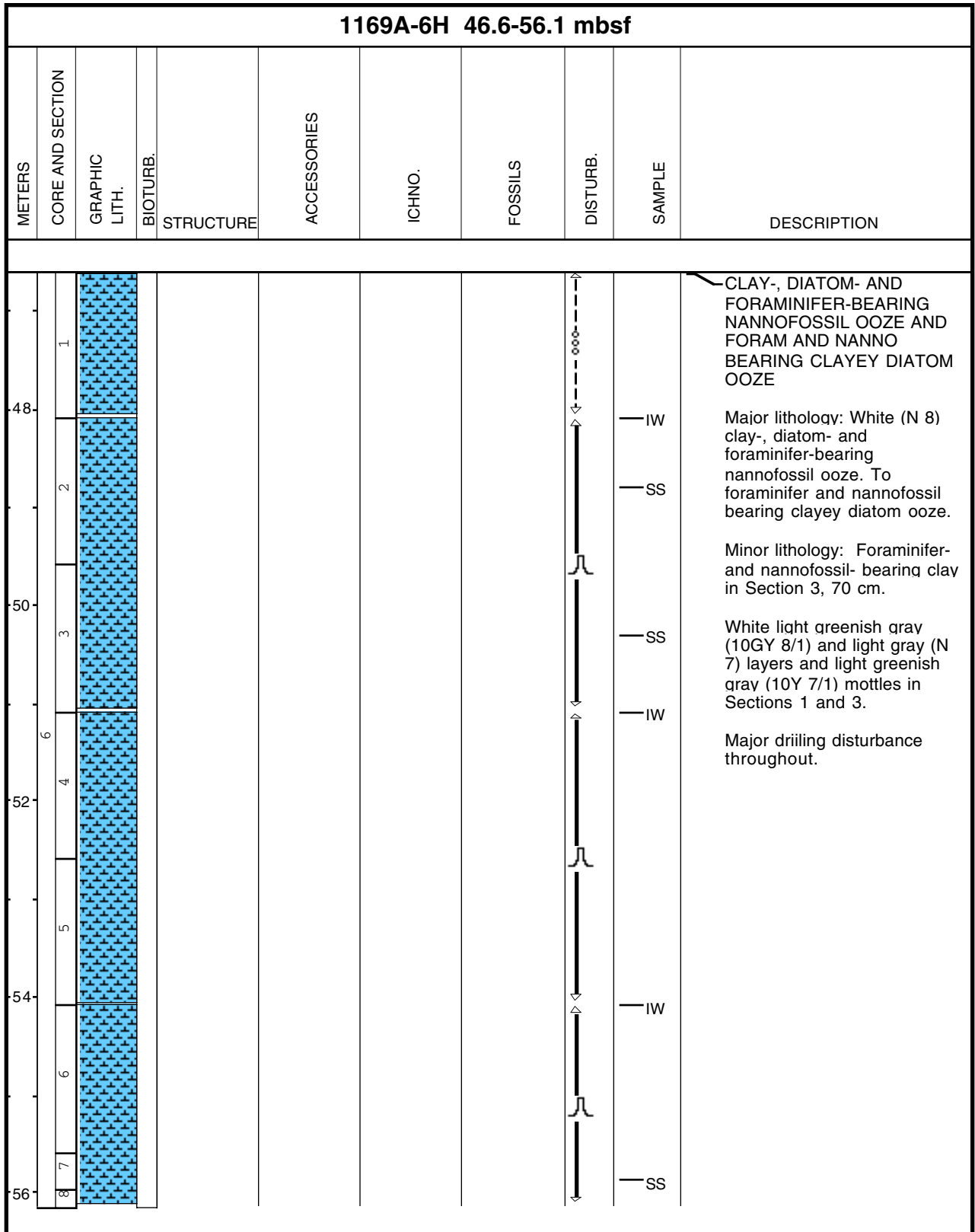
Core Photo

1169A-3H 18.1-27.6 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
18.1	1						○ ○ ○ ○		<p>BIOCLAST-BEARING NANNOFOSSIL OOZE, FORAMINIFER AND BIOCLAST-BEARING NANNOFOSSIL OOZE, AND SPICULE BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) and light greenish gray (5GY 7/1) bioclast-bearing nannofossil ooze and foraminifer and bioclast bearing nannofossil ooze in Section 1 to 4. White (N 8) spicule-bearing nannofossil ooze in Section 5 through 8.</p> <p>Faint thin beds, except for Section 5, 10-110 cm. Undefined burrow in Section 2, 46 and 63 cm. Pyrite staining throughout the core.</p> <p>The core is highly disturbed.</p>
19.1	2						— SS		
20.1	3						— SS		
21.1	4						— SS		
22.1	5						— SS		
23.1	6						— SS		
24.1	7						— SS		
25.1	8						— PAL		

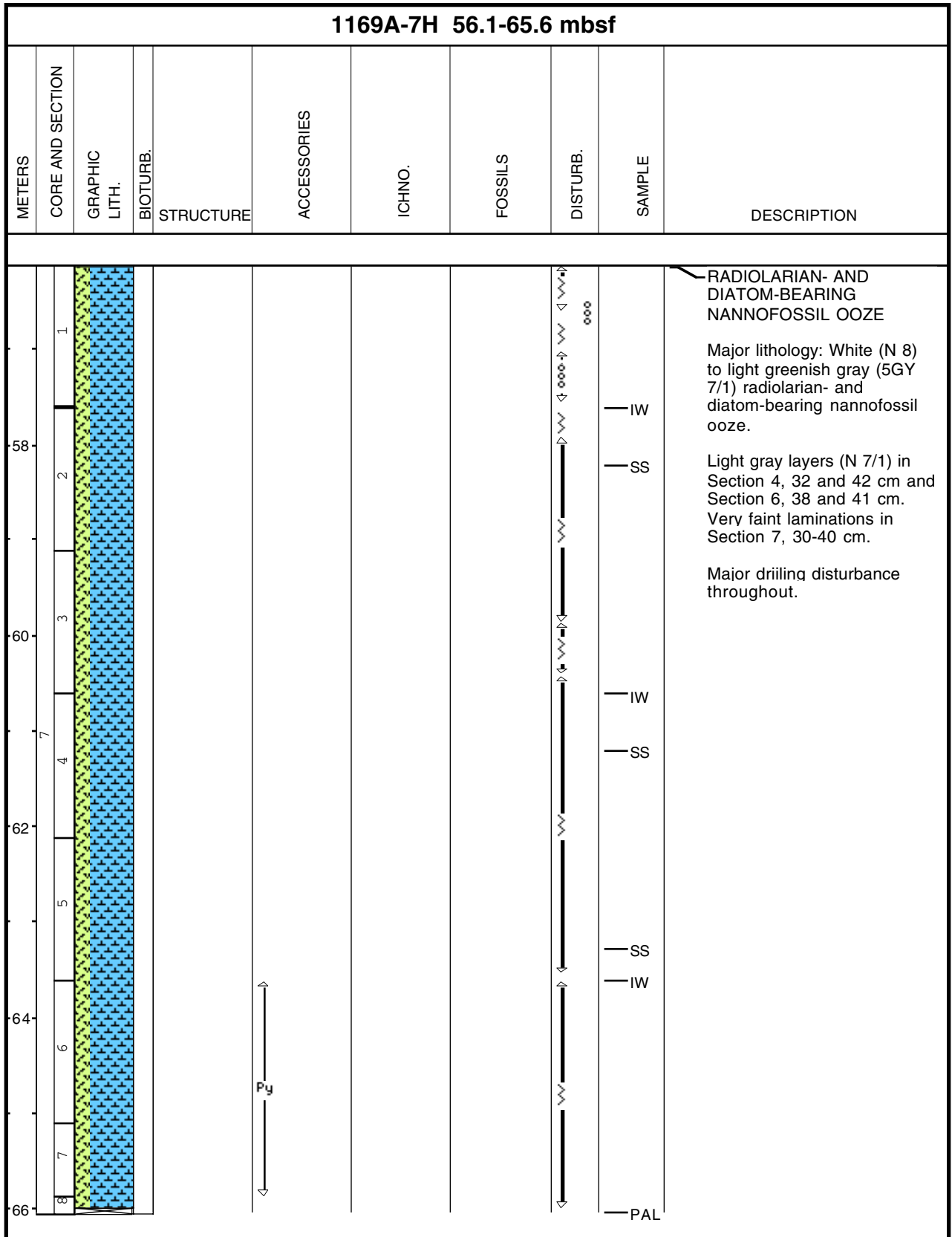
Core Photo

1169A-5H 37.1-46.6 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
38	1			P _y					<p>SPICULE-BEARING DIATOM NANNOFOSSIL OOZE AND DIATOM AND SPICULE BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) to light gray (N 7/1 to 5GY 7/1 and 5GY 8/1) spicule-bearing diatom nannofossil ooze to diatom and spicule-bearing nannofossil ooze.</p> <p>Minor lithology: Silicoflagellate-bearing spiculous diatom ooze in Section 1, 79 cm; spicule-bearing diatom ooze in Section 5, 106 cm.</p> <p>Major drilling disturbance throughout.</p>
	2			↕ P _y ↕				SS	
40	3			↕ P _y ↕					
42	4			↕ P _y ↕					
	5								
44	6			↕ P _y ↕				SS	
	7			↕ P _y ↕				SS	
46	8			P _y				IW	
				P _y				PAL	

Core Photo













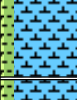





Core Photo



















Core Photo

1169A-8H 65.6-75.1 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
66	1								<p>CLAY-, RADIOLARIAN-, and DIATOM-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) to light greenish gray (10GY 8/1) clay-, radiolarian-, and diatom-bearing nannofossil ooze.</p> <p>Minor lithology: Foraminifer-bearing clayey nannofossil ooze within darker light greenish gray laminations.</p> <p>Major drilling disturbance throughout.</p>
68	2								
70	3							SS	
72	4							SS	
	5							SS	
	6							IW	
74	7							PAL	

















Core Photo

1169A-9H 75.1-84.6 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
76	1								<p>NANNOFOSSIL OOZE, AND CLAY- AND DIATOM-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) to light greenish gray (5GY 7/1) nannofossil ooze in Sections 1 and 2. White (N 8) to light greenish gray (5GY 7/1) clay- and diatom-bearing nannofossil ooze.</p> <p>Top ~20 cm deformed 30-50° down to right, little deformation downcore. Isolated light bluish gray (5PB 7/2) laminations throughout core. Isolated pyrite nodules in Section 2, 66 cm and Section 5, 66 cm.</p> <p>The core is moderately disturbed.</p>
	2			Py					
78	3							SS	
	4								
80	5							IW	
	6							SS	
82	7								
84	8							SS PAL	

Core Photo

1169A-10H 84.6-94.1 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
86	1								<p>RADIOLARIAN-, DIATOM-, AND CLAY-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) to light greenish gray (10GY 7/1) radiolarian-, diatom-, and clay-bearing nannofossil ooze, with light bluish gray (5PB 8/1) thick laminations.</p> <p>Majority of core highly disturbed by flow in and therefore not described.</p>
	2								
	3								
	4							IW	
	5								
	6								
	7								
94	8							SS PAL	

Core Photo

1169A-12H 103.6-113.1 mbsf										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
104	1									<p>CLAY- AND DIATOM-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N8) to light greenish gray (5G 7/1) clay- and diatom-bearing nannofossil ooze.</p> <p>Minor lithology: White (N 8) to light greenish gray (5G 7/1) nannofossil- bearing clayey diatom ooze in Section 3, 69 cm.</p> <p>Color varies gradationally throughout core, with isolated, diffuse light bluish gray (5PB 7/1) laminations. Three 1.5-2.0 cm thick dark greenish gray (10GY 4/1) clay layers at Section 3, 58, 69, and 75 cm.</p> <p>Intervals of extensive flow in not examined.</p>
106	2									
	3								SS	
108	4									
	5								SS	
110	6									
	7									
112	8								PAL	

Core Photo

1169A-15H 132.1-141.6 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
134	1								<p>DIATOM-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N8) to light greenish gray (10GY 7/1 to 8/1) diatom-bearing nannofossil ooze.</p> <p>Beds of pale yellow (5Y 7/2) and light olive gray (5GY 7/1) occur.</p> <p>Parts of the core is highly disturbed with flow-in.</p>
	2			Py				SS	
	3			Py					
	4			Py					
	5			Py					
	6			Py					
	7			Py					
	8			Py					
138								SS	
140								SS	
142								SS	
								PAL	

Core Photo

1169A-17H 151.1-160.6 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
152	1			Py					<p>DIATOM-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) diatom-bearing nannofossil ooze.</p> <p>Minor lithology: Very light gray (N 8/1) Diatom and Spicule bearing nannofossil ooze in Section 1, 90 cm.</p> <p>Pyrite beds in Section 1, 75 cm, 135 cm; Section 6, 133 cm; Section 7, 60 cm and 70 cm.</p> <p>The core is highly disturbed.</p>
	2			Py				SS	
154	3							SS	
156	4							SS	
158	5							SS	
	6			Py					
	7			Py					
160	8			Py				PAL	






















Core Photo

1169A-18H 160.6-170.1 mbsf										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
162	1									<p>CLAYEY NANNOFOSSIL OOZE</p> <p>Major lithology: Light greenish gray (5GY 8/1) to white (N8) clayey nannofossil ooze.</p> <p>Minor lithology: Light gray (N7) bands of clayey nannofossil ooze to foraminifer- and clay-bearing nannofossil ooze in Section 5, 120 cm.</p> <p>Very disturbed core with flow-in.</p>
	2									
164	3									
	4									
166	5									
168	6									
	7									
170	8									

Core Photo

1169A-20H 179.6-189.1 mbsf										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
180	1								<p>FORAMINIFER-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N8) foraminifer-bearing nannofossil ooze, with light gray (N7) layers.</p> <p>The core is highly disturbed with flow-in.</p>	
182	2									
	3									
184	20							SS		
	4									
186	5									
	6									SS
188	7									

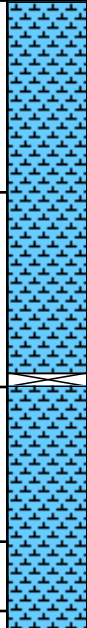
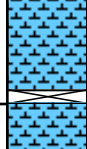
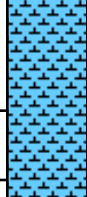

Core Photo

1169A-21H 189.1-198.6 mbsf									
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB. STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
190	1								<p>CLAY-BEARING NANNOFOSSIL OOZE</p> <p>Major lithology: White (N 8) clay-bearing nannofossil ooze.</p> <p>Very faint light bluish gray (5PB 8/1) laminations throughout the core but more important in Section 2, 80-150 cm; Section 3, 88-140 cm; Section 4, 90-123 cm and Section 5, 0-63 cm.</p> <p>Pyrite staining throughout.</p>
192	2							SS	
	3								
194	21							IW	
	4								
196	5							SS	
198	6								
	7							PAL	

Core Photo

1169A-23X 207.9-217.5 mbsf											
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
210	1									<p>NANNOFOSSIL OOZE</p> <p>Major lithology: Very pale brown (10YR 8/2), white (N 8) and light greenish gray (5GY 8/1) nannofossil ooze.</p> <p>Very pale brown until Section 3, 20 cm, then white till Section 3, 124 cm and light greenish gray downcore.</p>	
	2								SS		
	23										SS
212	3					Py					SS
	4					Py					SS
214	5					Py					PAL

Core Photo

1169A-24X 217.5-227.1 mbsf										
METERS	CORE AND SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
218	1								SS	NANNOFOSSIL OOZE Major lithology: White (N 8) and light greenish gray (10GY 8/1) nannofossil ooze. Darker pyrite band in Section 2, 135-140 cm.
220	2									
222	3									
	4									
	5									
									SS PAL	

Sample							Texture			Mineral							Biogenic							Rock	Comments	
Hole	Core	CT	Sct	Top	Depth	Litho-logy	Sand	Silt	Clay	Accessory Minerals (1)	Calcite (30)	Carbonate (35)	Clay (47)	Opauques (140)	Quartz (172)	Volcanic Glass (81)	Diatoms (58)	Dinoflagellate (59)	For aminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Bioclasts (21)		
1169																										
A	1	H	1	43	0.43	D			100					1			1		10	75			1	12	Foraminifer-and bioclast-bearing nannofossil ooze	
A	1	H	1	110	1.1	D			100								3		26	40	2		1	28	Foraminifer-and bioclast-bearing nannofossil ooze	
A	1	H	2	5	1.55	D			100								4		29	40	3		1	23	Bioclast-bearing foraminifer nannofossil ooze	
A	1	H	2	83	2.33	M			100				1				1		14	62	1		2	19	Foraminifer-and bioclast-bearing nannofossil ooze	
A	1	H	2	110	2.6	D			100	1							4		8	45	2		3	37	Bioclastic nannofossil ooze	
A	1	H	3	69	3.69	D			100								4		7	71	2	4	12		Spicule-bearing nannofossil ooze	
A	1	H	4	70	5.2	D			100								6		8	62	4		10	10	Spicule-bioclast bearing nannofossil ooze	
A	1	H	6	50	8	D			100								3		9	67	1	4	5	11	Siliceous fossil-, bioclast-bearing nannofossil ooze	
A	2	H	1	123	9.83	D			100								6	2	9	55	4	5	7	12	Bioclast-bearing nannofossil ooze	
A	2	H	2	20	10.3	D			100								6	2	9	55	4	5	7	12	Siliceous- and bioclast-bearing nannofossil ooze	
A	2	H	2	80	10.9	M			100								5		6	76	3	3	3	7	Bioclast-bearing nannofossil ooze	
A	3	H	2	50	20.1	D			100								4		8	66	1	4	4	13	Bioclast-bearing nannofossil ooze	
A	3	H	3	20	21.3	D			100								6		13	57	3	4	7	10	Foraminifer-and bioclast-bearing nannofossil ooze	
A	3	H	4	20	22.8	D			100								5	1	14	60	3	4	3	10	Foraminifer-and bioclast-bearing nannofossil ooze	
A	3	H	4	50	23.1	D			100								4		4	68	3	3	4	14	Bioclast-bearing nannofossil ooze	
A	3	H	5	50	24.6	D			100								7		9	59	3	4	14	4	Spicule bearing nannofossil ooze	
A	4	H	1	65	28.25	D			100				1				12		2	60	2	9	14		Spicule-, diatom-bearing nanno o	
A	4	H	1	112	28.72	D			100								21		2	47	4	9	16		Spicule-, diatom-bearing nannofossil ooze	
A	4	H	2	6	29.16	M			100	1							4		11	56	2	5	7	14	Foraminifer-and bioclast-bearing nannofossil ooze	
A	4	H	7	6	36.66	D			100	1							6		3	71	3	5	6	5	Nannofossil ooze	
A	5	H	1	79	37.89	D			100	1				16			35			8		10	30		Pyrite-,siliceous dinoflagellate-bearing spicules diatom ooze	
A	5	H	2	50	38.64	D			100	1							27		8	35	2	4	18	5	Spicule-bearing diatom nannofossil ooze	
A	5	H	5	106	43.7	M			100	1							61		5	5	8	20			Spicule-bearing diatom ooze	
A	5	H	6	50	44.44	D			100								21		7	47	2	9	14		Diatom-, spicule-bearing nannofossil ooze	
A	6	H	2	70	48.8	D			100			2	15	5			20		15	34	1	1	2	5	Clay-, diatom-, and foraminifer-bearing nannofossil ooze	
A	6	H	3	70	50.3	M			100			1	42	2			6		14	24	1		5	5	Foraminifer- and nannofossil-bearing clay	
A	6	H	7	26	55.86	D			100			2	25	5	1		25		12	24			2	4	Foraminifer-, nannofossil-bearing clayey diatom ooze	
A	7	H	2	60	58.2	D			100			1	14	1			20		5	40	15			4	Clay-, radiolarian- and diatom-bearing nannofossil ooze	
A	7	H	4	60	61.2	D			100				1	17	1		20		5	40	15		1		Radiolarian-, clay-, diatom-bearing nannofossil ooze	
A	7	H	5	115	63.25	D			100			2	9	1			20		5	47	11			5	Radiolarian-, diatom-bearing nannofossil ooze	
A	8	H	3	104	69.64	M			100			1	30	1			7		15	37	8		1		Foraminifer-bearing clayey nannofossil ooze	
A	8	H	4	48	70.58	D			100				20				17		7	40	12	1	2	1	Radiolarian-, diatom-, clay- bearing nannofossil ooze	
A	8	H	5	48	72.08	D			100				20				17		7	40	12	1	2	1	Radiolarian-, diatom-, clay-bearing nannofossil ooze	
A	9	H	2	120	77.8	D			100				5				8		4	72	7	1	2	1	Nannofossil ooze	
A	9	H	4	60	80.2	D			100				20				30		2	32	15			1	Clay-, radiolarian-bearing diatom nannofossil ooze	
A	9	H	7	30	84.1	D			100				15	1	1		20			53	5	2	1	2	Clay-, diatom-bearing nannofossil ooze	
A	10	H	7	50	94.1	D			100				25				20		6	30	15	1	1	2	Radiolarian-, diatom-, and clay-bearing nannofossil ooze	
A	12	H	3	69	107.29	M			100			3	27	2	1		35			25	5		2		Nannofossil-bearing clayey diatom ooze	
A	12	H	5	69	110.29	D			100				15				25		2	46	5	2			Clay-, diatom-bearing nannofossil ooze	
A	13	H	2	80	115.4	D			100	2	1				1		24		3	42	3	8	12	4	Diatom-, spicule-bearing nannofossil ooze	
A	13	H	5	80	119.9	D			100	1	1						16		4	60	2	8	6	2	Diatom-bearing nannofossil ooze	
A	13	H	6	80	121.4	D			100						1		17		3	64	2	4	6	2	Diatom-bearing nannofossil ooze	
A	14	H	3	30	125.71	D			100	2	2		3	1			13		2	65	3	2	4	3	Diatom-bearing nannofossil ooze	
A	14	H	6	100	129.8	D			100	1	2						22		4	57	2	2	8	2	Diatom-bearing nannofossil ooze	
A	15	H	1	100	133.1	D			100	2	1						20		3	53	4	8	7	2	Diatom-bearing nannofossil ooze	
A	15	H	4	130	137.9	M			100	1	2						18		5	59	3	7	4	1	Diatom-bearing nannofossil ooze	
A	15	H	6	100	140.6	D			100	3	2		3		1		34	1	1	30	5	8	11	1	Sponge spicule-bearing nannofossil diatom ooze	

Sample	Texture						Mineral							Biogenic						Rock	Comments						
	Hole	Core	CT	Sct	Top	Depth	Litho-logy	Sand	Silt	Clay	Accessory Minerals (1)	Calcite (30)	Carbonate (35)	Clay (47)	Opagues (140)	Quartz (172)	Volcanic Glass (81)	Diatoms (58)	Dinoflagellate (59)			For aminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Bioclasts (21)
1169																											
A 15	H	7	50	141.6	D				100	2	2						25		2	49	2	7	9	2		Diatom-bearing nannofossil ooze	
A 16	H	2	100	144.1	D				100	2	3		10				55			14	3	5	8			Clay nannofossil-bearing diatom ooze	
A 16	H	4	100	147.1	D				100	2	1		2				18		5	58	3	5	6			Diatom-bearing nannofossil ooze	
A 17	H	1	90	152	M				100	2			3	3			23		7	31	4	9	12	6		Diatom-, spicule-bearing nannofossil ooze	
A 17	H	3	100	155.1	D				100	1			2				24		4	54	2	5	8			Diatom-bearing nannofossil ooze	
A 17	H	5	100	158.1	D				100	1	1			1			21		3	57	4	4	6	2		Diatom-bearing nannofossil ooze	
A 18	H	2	80	162.9	D				100	5	3		40		1				1	44	1		3	2		clayey nannofossil ooze	
A 18	H	5	120	167.8	M				100	2	5		20						15	52			1	5		Foraminifer-, clay-bearing nannofossil ooze	
A 19	H	2	50	172.1	D				100	5	2		7	1					5	73				7		Nannofossil ooze	
A 19	H	4	50	175.1	D				100		2		15		1				7	66	1		1	7		Clay-bearing nannofossil ooze	
A 20	H	3	80	183.4	D				100	7			7		1				15	63				7		Foraminifer-bearing nannofossil ooze	
A 20	H	6	50	187.6	D				100	7	2		7		1				20	57			1	5		Foraminifer-bearing nannofossil ooze	
A 21	H	2	80	191.4	D			30	70				10		3		1		5	80			1			Clay-bearing nannofossil ooze	
A 21	H	5	50	195.6	D			40	60				10		7				5	75	2		1			Clay-bearing nannofossil ooze	
A 22	X	1	50	199.1	D			100			1				2	1	1	100	1	90	3		1			Nannofossil ooze	
A 22	X	1	80	199.4	D			100							3	1	1	1	1	90	3		1			Nannofossil ooze	
A 22	X	3	26	201.86	D			100							2	1	1	1	3	87	5		1			Nannofossil ooze	
A 23	X	1	40	208.3	D				100	1	1						2		4	87	2		2	1		Nannofossil ooze	
A 23	X	3	40	211.3	D				100	1			2						2	92	1		2			Nannofossil ooze	
A 23	X	5	40	213.8	D				100	1			4		1				2	90			1	1		Nannofossil ooze	
A 24	X	1	40	217.9	D				100	1			3		1		1		1	91			1	1		Nannofossil ooze	
A 24	X	4	40	222.1	D				100	1			6						5	86			1	1		Nannofossil ooze	
A 26	X	5	20	242.9	D				100										2	97			1			Nannofossil ooze	