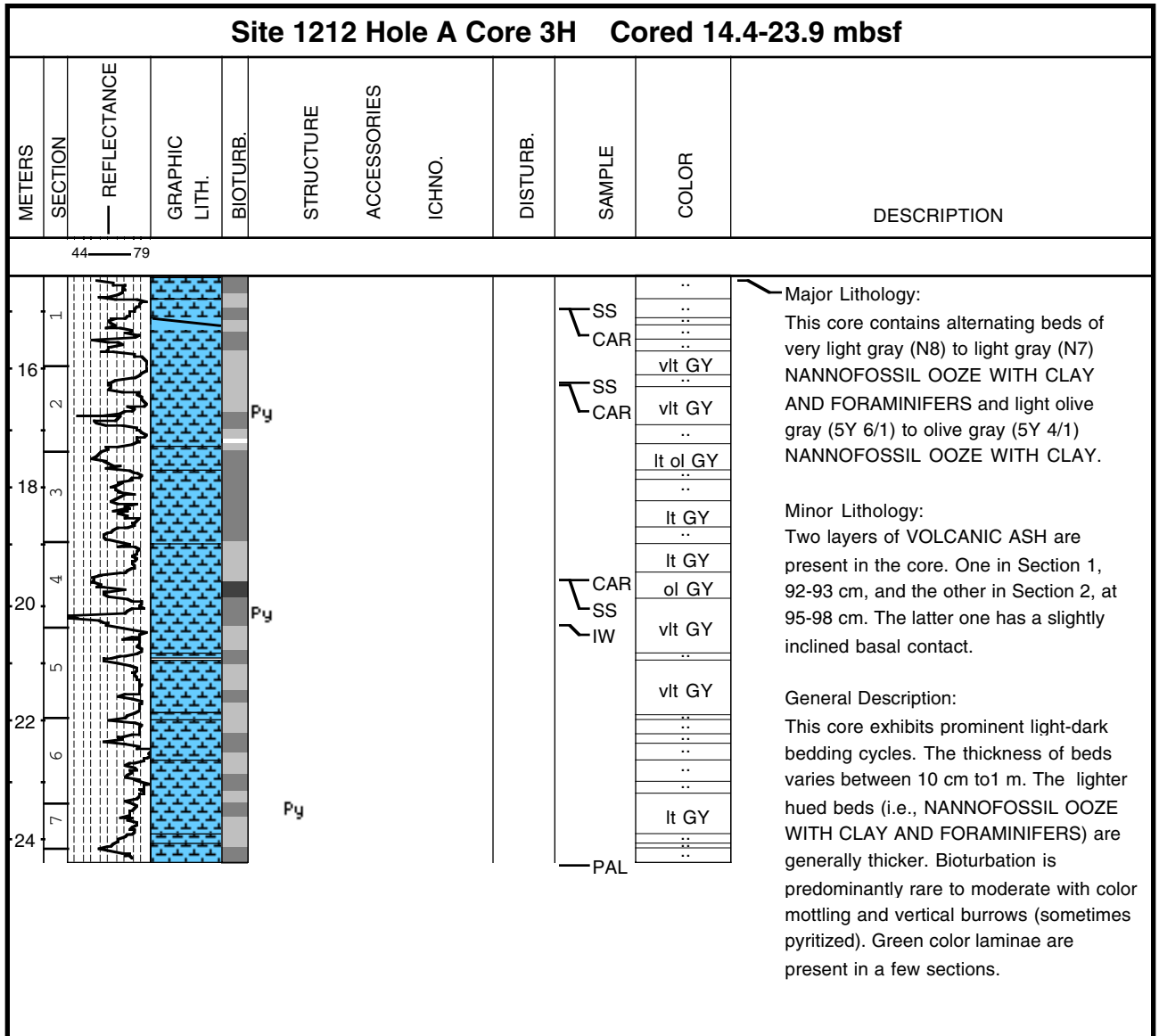
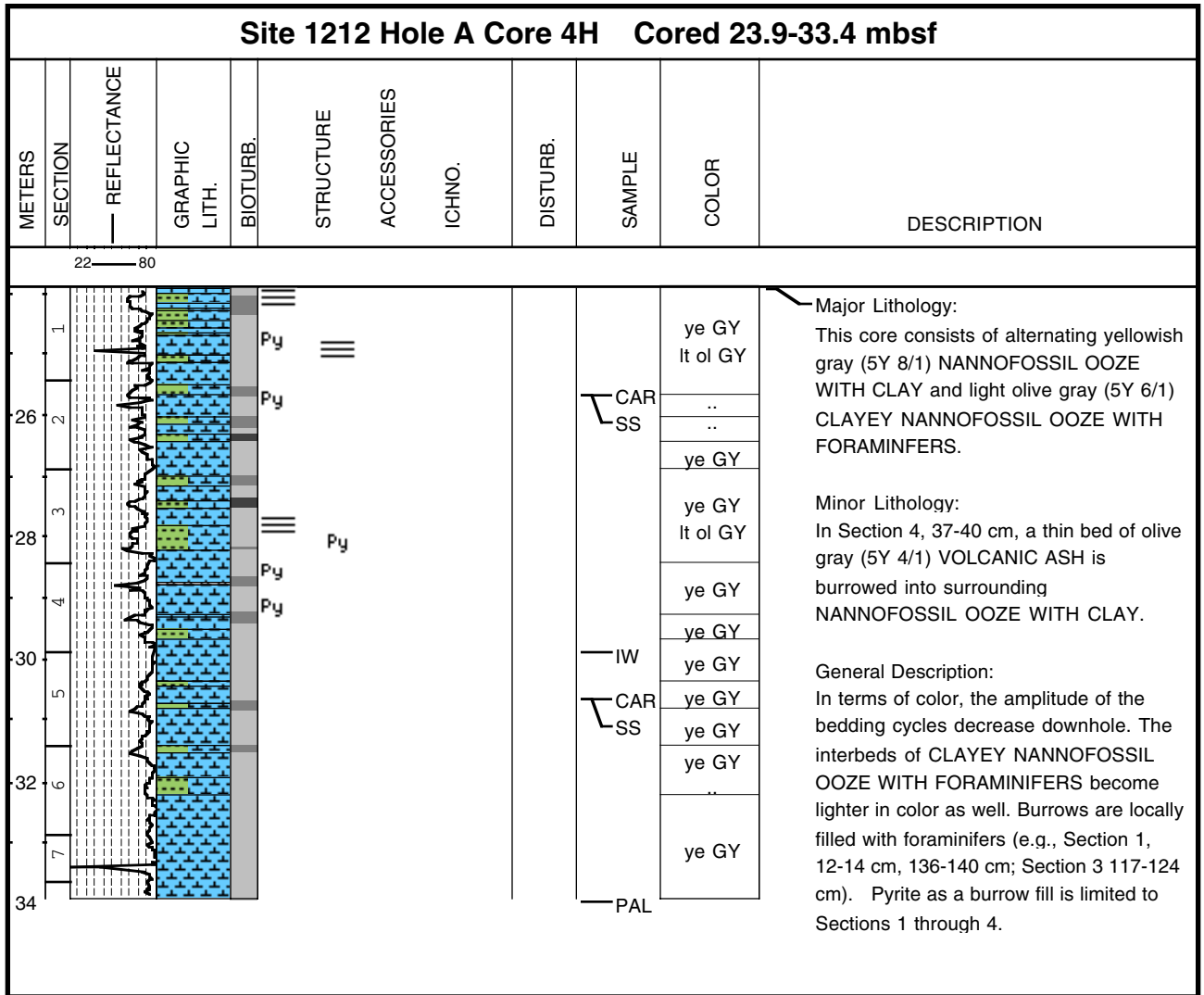


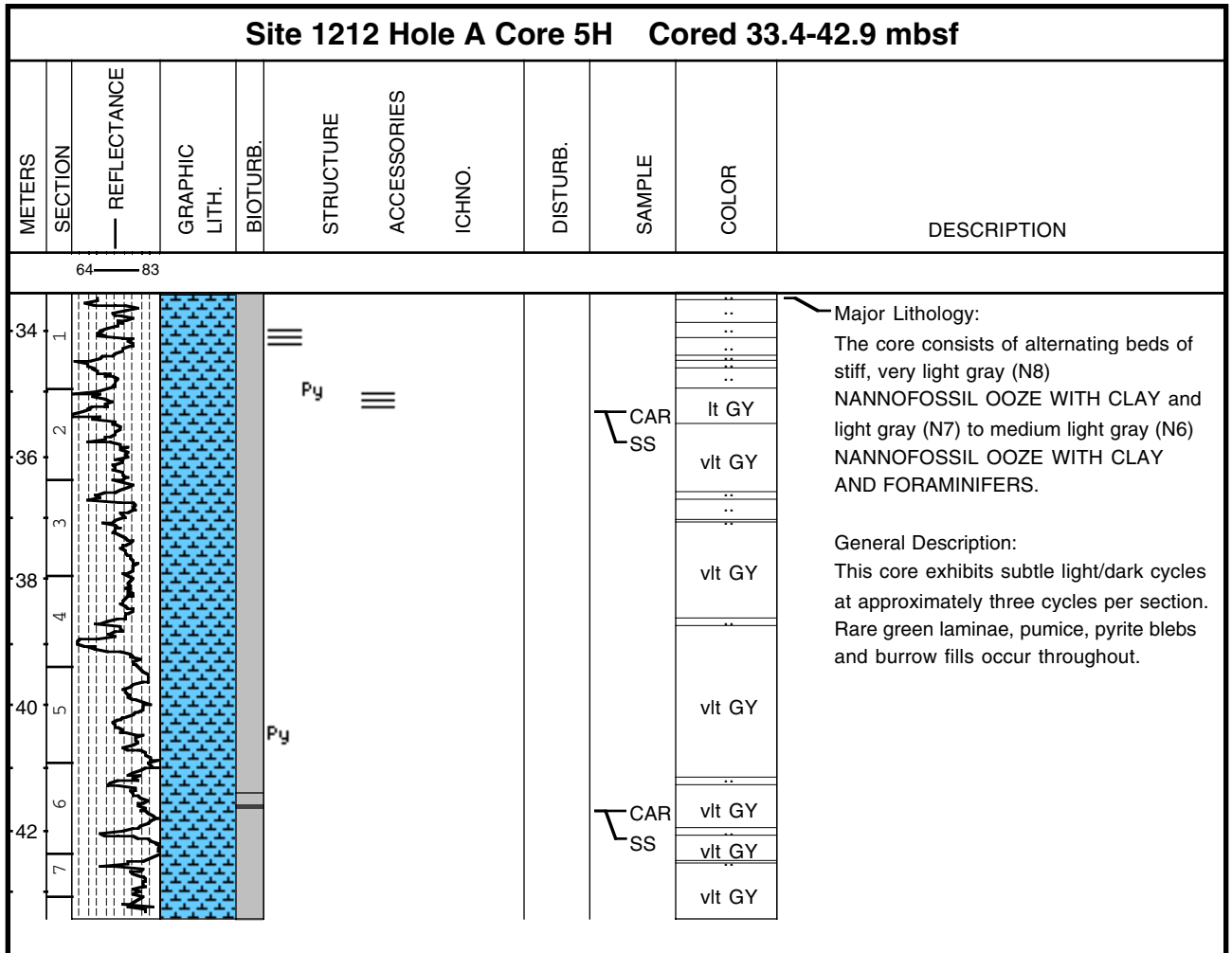
Core Photo



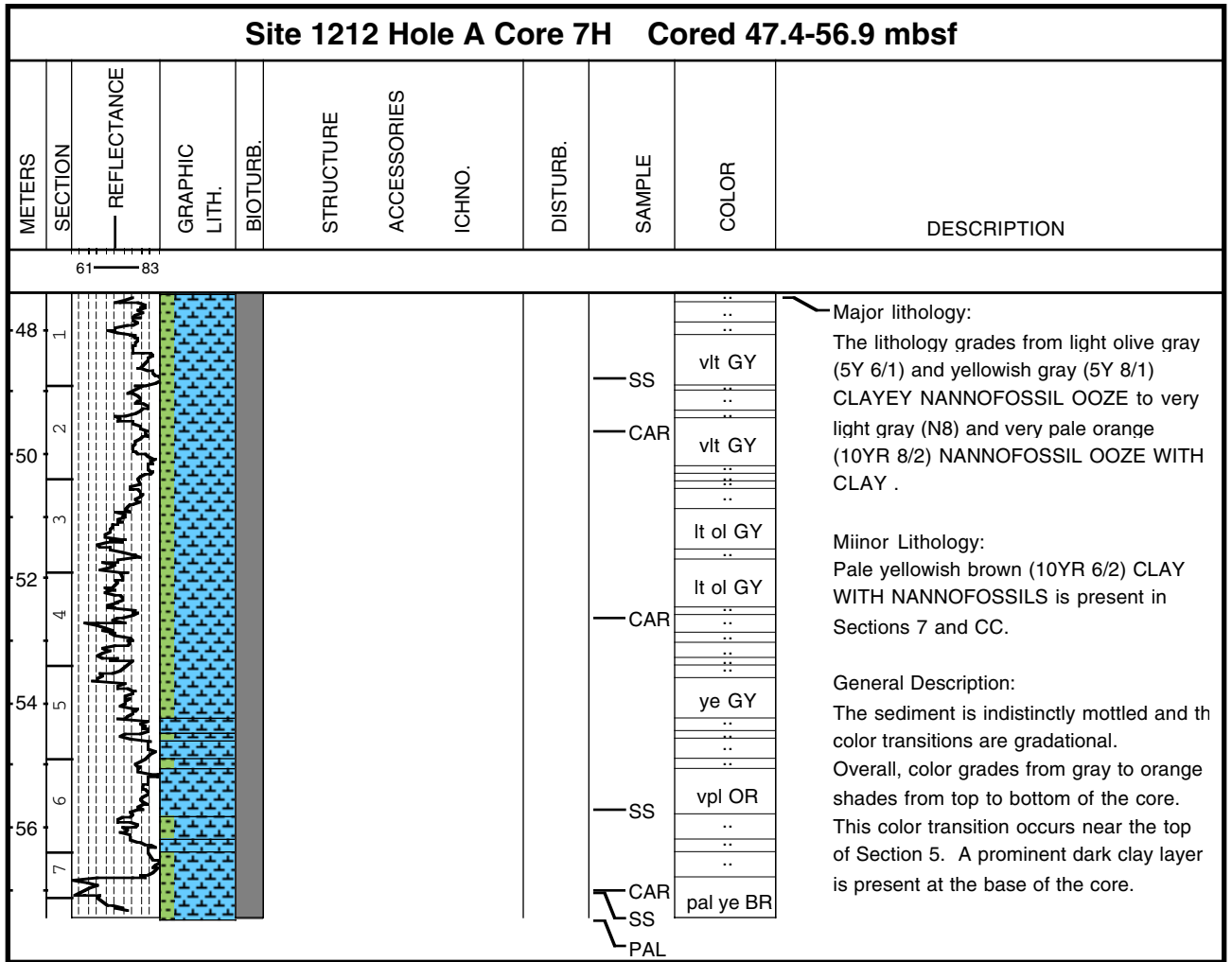
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Core Photo



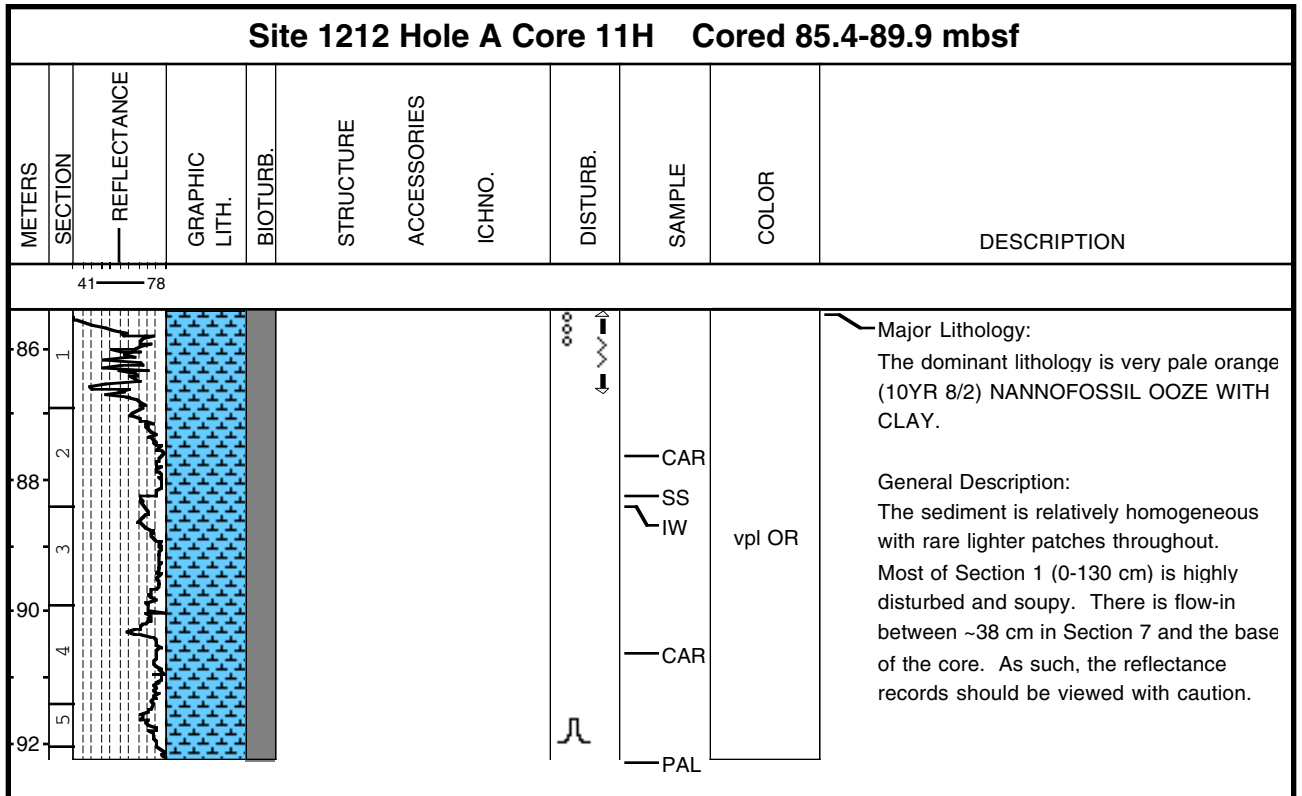
Core Photo



Core Photo

Site 1212 Hole A Core 10H Cored 75.9-85.4 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
78	1								SS	pal ye BR	<p>Major Lithology: The core contains very pale orange (10YR 8/2) NANNOFOSSIL OOZE AND NANNOFOSSIL OOZE WITH CLAY and pale yellowish brown (10YR 6/2) CLAYEY NANNOFOSSIL OOZE.</p> <p>Minor Lithology: A thin, bowed-lamina white (N9) NANNOFOSSIL OOZE layer is present in Section 5.</p> <p>General description: The sediment lithology is relatively uniform with the exception of two darker, clay-rich layers in Sections 1 and CC. The layer in section 1 has a sharp basal contact and a gradational upper contact. Sediments just below the contact contain inorganic calcite needles. There are also black pyrite blebs and streaks in Sections 1, 2, and 3. White blebs are present throughout. Bioturbation is rare to moderate.</p>
80	2								SS	vpl OR	
82	3								SS	pal OR	
84	4								SS	pal OR	
	5								SS	pal OR	
	6								SS	pal OR	
	7								SS	pal OR	

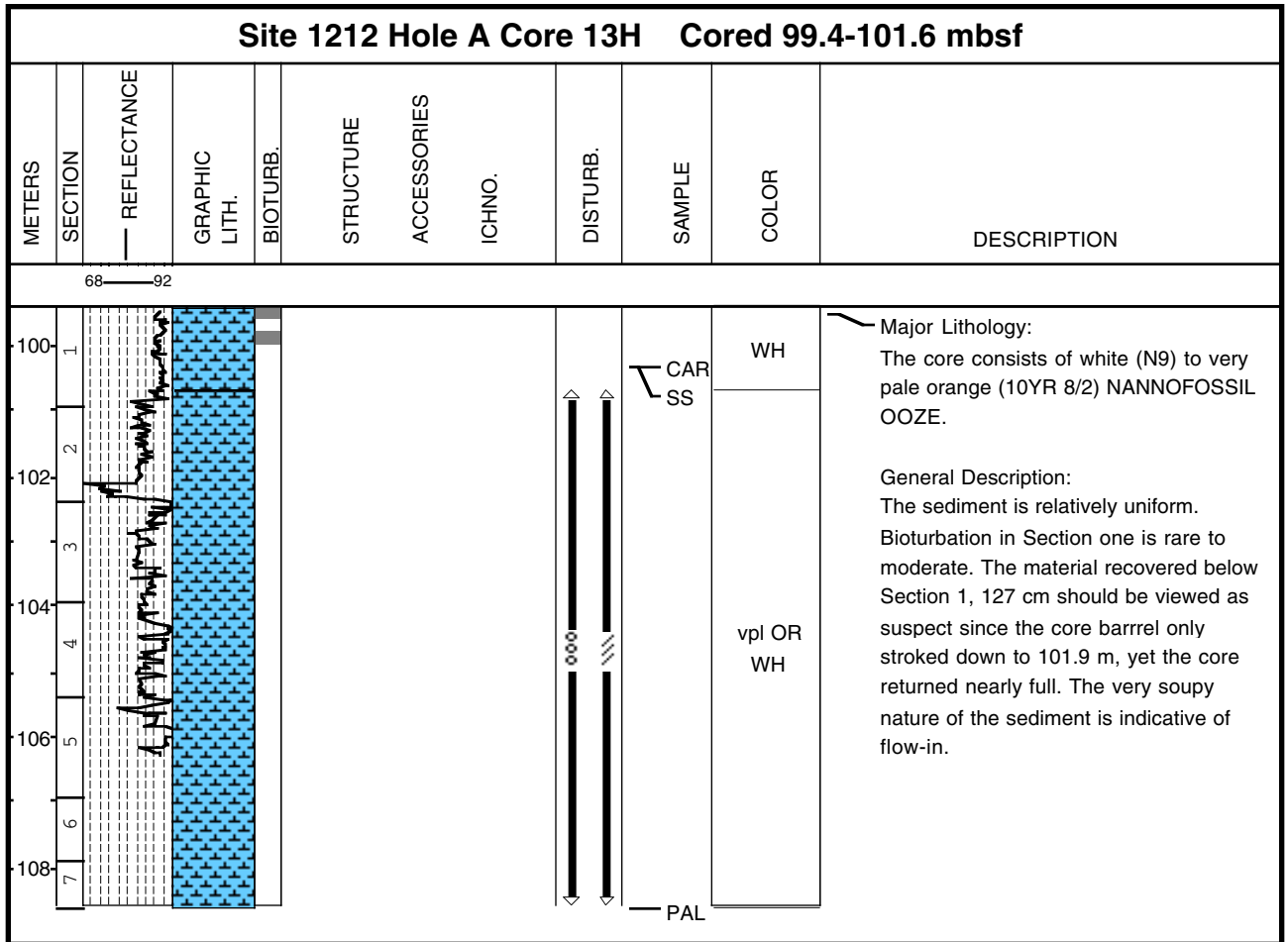
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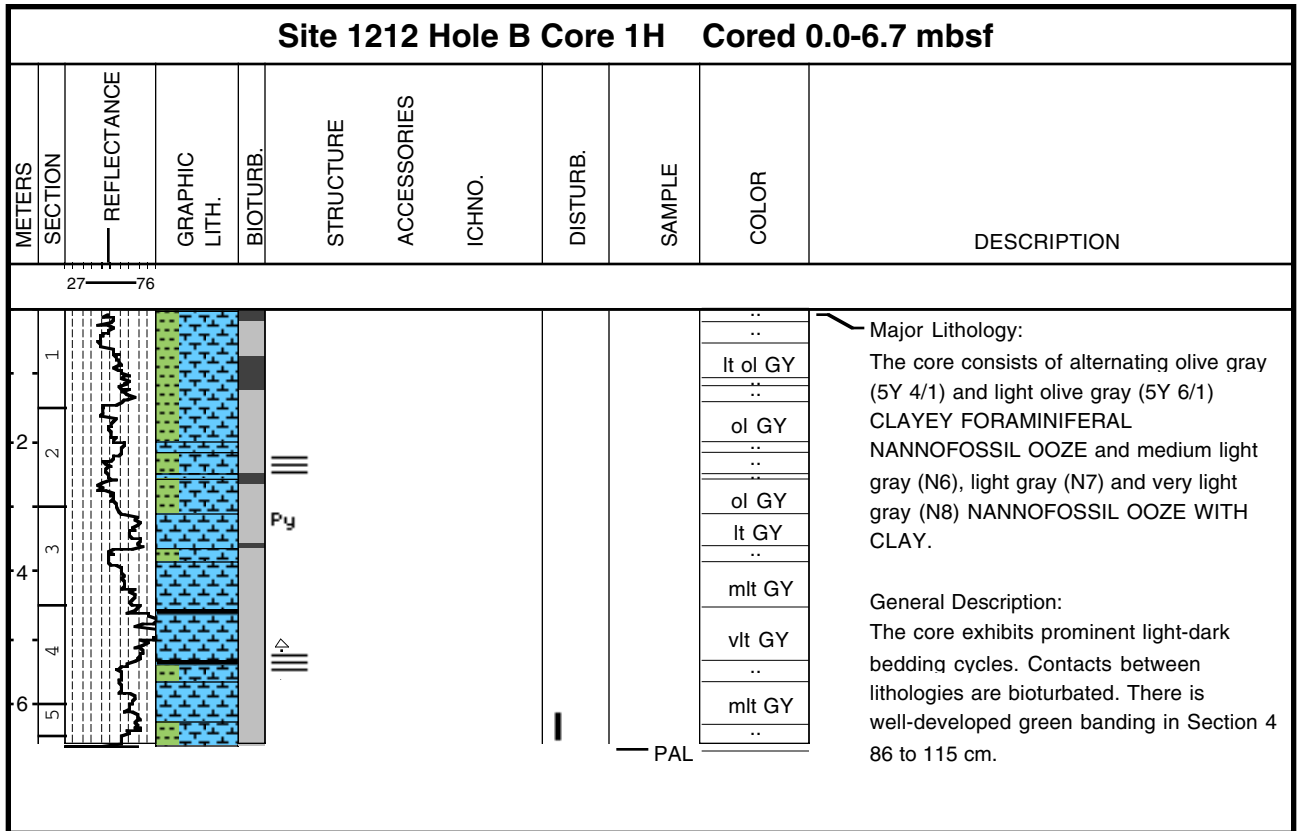
Core Photo

Site 1212 Hole A Core 12H Cored 89.9-99.4 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
62	92										
92	1								vpl OR		<p>Major Lithology: The dominant lithology is pale yellowish brown (10YR 6/2) to very pale orange (10YR 8/2) to pinkish gray (5YR 8/1) to white (N9) NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH FORAMINIFERAS.</p> <p>General Description: This cores shows an abrupt downhole transition from dark to lighter hues. The sediment is mottled throughout, with rare white, discrete burrows present. Pyrite clasts and blebs occur in Sections 1 and 3. Evidence of flow-in and more general deformation indicates that Section 1 may have been disturbed during coring.</p>
92	2								WH		
94	3								vpl OR		
94	4								pal ye BR		
96	5								pk GY		
98	6								WH		
98	7										
									PAL		

Core Photo



Core Photo



Core Photo

Site 1212 Hole B Core 4H Cored 25.7-35.2 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
26	1	47			Py						<p>Major Lithology: The core contains alternating beds of light greenish gray (5GY 8/1) to yellowish gray (5Y 8/1) NANNOFOSSIL OOZE WITH CLAY and greenish gray (5GY 6/1) to light olive gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE.</p> <p>Minor Lithology: Two intervals with very light gray (N8) and light gray (N7) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS are present in Sections 1 (N7) and 6 (N8). In Section 4, 58-60 cm, there is a layer of VOLCANIC ASH.</p> <p>General Description: This core exhibits pronounced decimeter-scale light-dark cycles. There are approximately 11 cycles in this core. Thickness of the cycles range from 30 cm to almost 2 m, although most of them are around 50 cm. Bioturbation is rare to moderate with color mottling and discrete burrows. Burrows are often partly to completely pyritized or filled with foraminifers. Green laminae are present in Section 1.</p>
28	2				Py					lt ol GY	
30	3				Py					ye GY	
32	4				Py					lt ye GY	
34	5				Py					lt ye GY	
	6				Py					lt ye GY	
	7				Py					lt ye GY	
											PAL

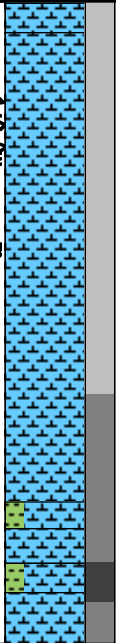
Core Photo

Site 1212 Hole B Core 5H Cored 35.2-44.7 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
36	1									vlt GY	<p>Major Lithology: This core contains interbedded very light gray (N8) to white (N9) NANNOFOSSIL OOZE and light gray (N7) NANNOFOSSIL OOZE WITH CLAY.</p> <p>General Description: This core exhibits pronounced decimeter-scale color cycles. Contacts are gradational and bioturbated. Green laminae are present in Sections 1 and 2 within darker sediment. Pyrite blebs and pyrite-filled burrows are common. A pumice fragment (~1.5 cm) occurs in Section 3, 130 cm.</p>
38	2									vlt GY	
40	3									vlt GY	
42	4									vlt GY	
44	5									vlt GY	
	6									vlt GY	
	7									vlt GY	

Core Photo

Site 1212 Hole B Core 6H Cored 44.7-54.2 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
46	1	42 83								lt ye GY	<p>Major Lithology: This core contains interbedded yellowish gray (5Y 8/1), light gray (N8), and pale yellowish brown (10YR 6/2) NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH CLAY.</p> <p>Minor Lithology: A layer of VOLCANIC ASH occurs in Section 3, 103 to 122 cm.</p> <p>General Description: The sediment exhibits decimeter color cycles. Contacts between beds are gradational and mottled. Bioturbation is rare throughout the core. A single pumice fragment occurs in Section 3, 134 to 135 cm.</p>
48	2								ye GY		
50	3								ye GY		
52	4										
54	5								ye GY		
	6										
	7										

Core Photo

Site 1212 Hole B Core 7H Cored 54.2-63.7 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
		49 83									
56	1									ye GY .. ye GY	<p>Major Lithology: The dominant lithology is very pale orange (10YR 8/2), very pale yellowish brown (10YR 7/2), pale yellowish brown (10YR 6/2), and yellowish gray (5Y 8/1) NANNOFOSSIL OOZE WITH CLAY and moderate yellowish brown (10YR 5/4) to dark yellowish brown (10YR 4/2) CLAYEY NANNOFOSSIL OOZE.</p> <p>Minor Lithology: There is a light brownish gray (5YR 6/1) VOLCANIC ASH layer in Section 1, 48 to 50 cm.</p> <p>General Description: This core exhibits a downhole trend from lighter to darker hues. The color transitions between beds are extremely gradational. Where contrasts in color are greater, mottling due to bioturbation is more evident (e.g., Section 6, 50-60 cm and 103-150 cm). Vertical burrows are visible near the top of Section 7 (0-14 cm). The consistency of the sediment is much softer below the clay-rich, condensed interval at the bottom of Section 6. Rare patches of very pale orange persist throughout the core.</p>
58	2									vpl OR .. vpl OR	
60	3									vpl ye BR	
62	4									vpl ye BR	
	5									vpl ye BR .. vpl OR	
	6									.. vpl ye BR	
	7									vpl ye BR .. vpl ye BR	
									PAL		

Core Photo

Site 1212 Hole B Core 11H Cored 92.2-101.7 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
81		91									
94	1										<p>Major Lithology: The core contains interbeds of white (N9) to very light orange pink (5YR 8/4) NANNOFOSSIL OOZE.</p> <p>General Description: The cored interval consists of subtle alternations of lighter (white) and darker (pinkish) intervals of ooze with gradational, mottled contacts. Section 7, 13-24 cm contains the basal clayey unit immediately above the K/T boundary, and is overlain by white (N9) ooze. Below the K/T the lithology is very white homogeneous ooze.</p>
96	2										
98	3										
98	4										
100	5										
	6										
	7										
											WH vlt or PK
											PAL WH

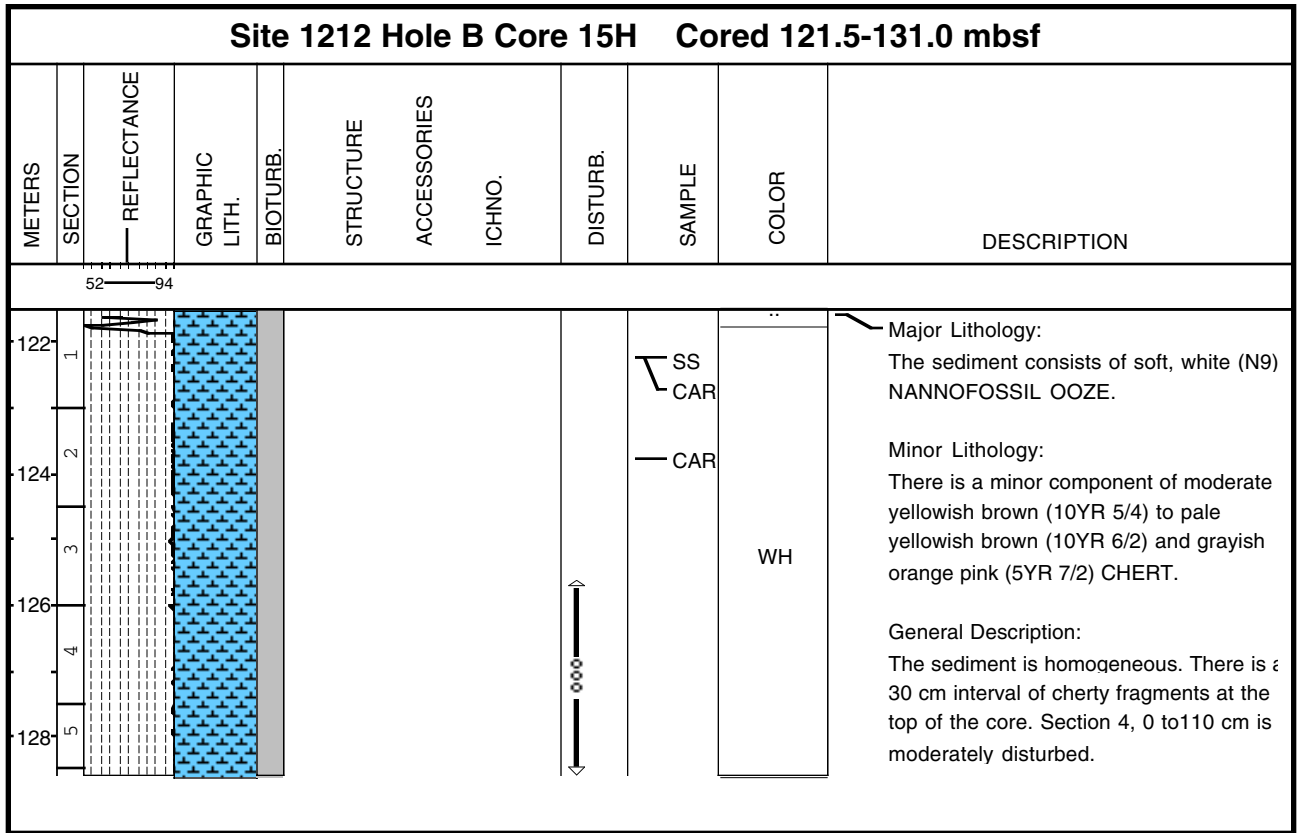
Core Photo

Site 1212 Hole B Core 13H Cored 111.2-120.7 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
112	1										Major Lithology: The core consists of white (N9) NANNOFOSSIL OOZE. General Description: The sediment is uniform with no visible structures.
114	2										
116	3										
118	4										
120	5										
	6										
	7										
									IW	WH	
									PAL		

Core Photo

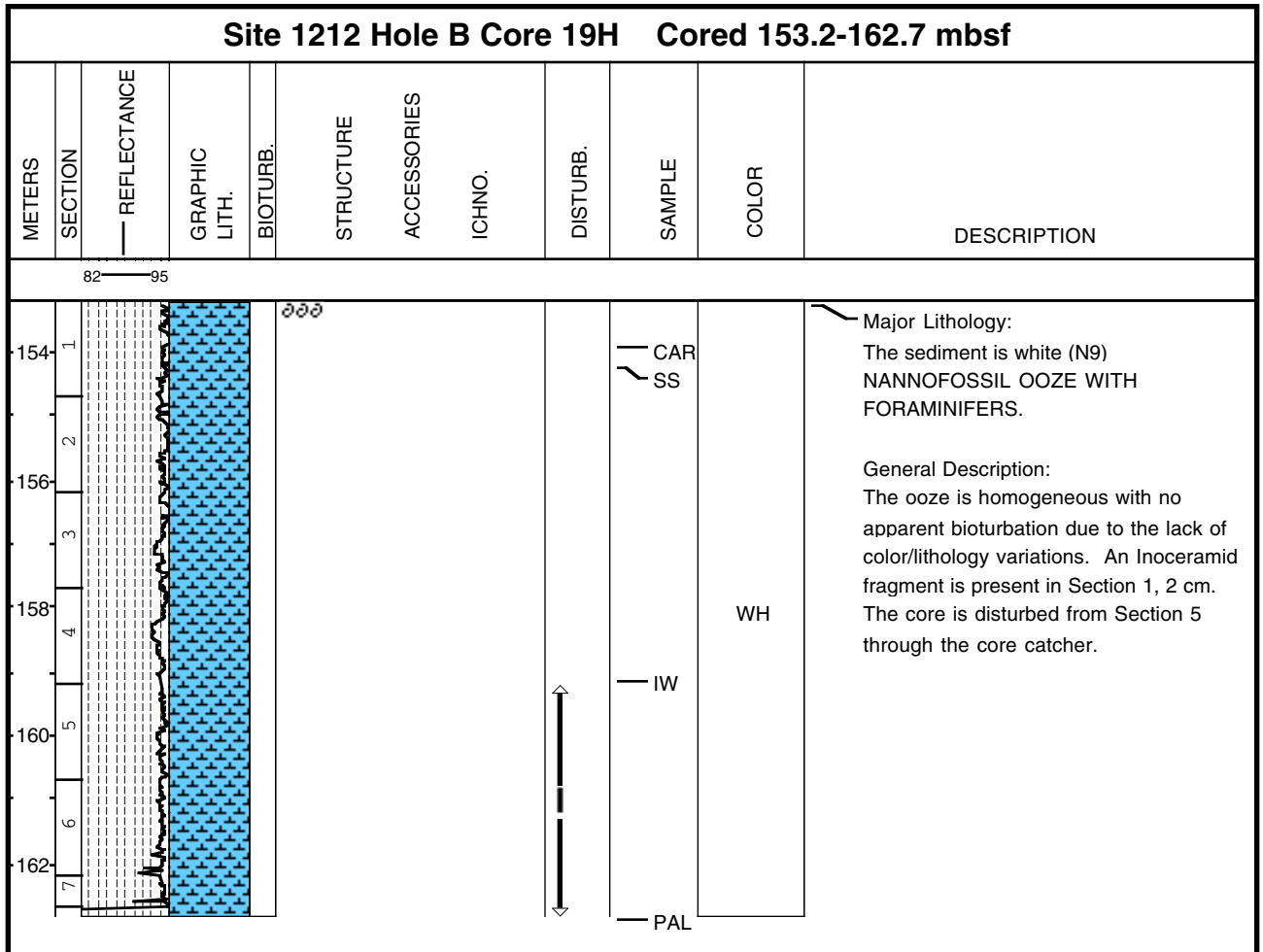
Site 1212 Hole B Core 14H Cored 120.7-120.8 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
										<p>Major Lithology: This core consists of pale yellowish brown (10YR 6/2) to very pale orange (10YR 8/2) CHERT.</p> <p>General Description: The core consists of drilling brecciated chips of CHERT. Some of the fragments have white (N9) patinas (chalk coatings) on the surface.</p>

Core Photo

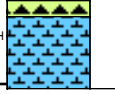



1212B-16H NO RECOVERY

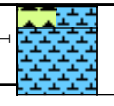
Core Photo



Core Photo

Site 1212 Hole B Core 21H Cored 172.2-173.2 mbsf;										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1									WH	<p>Major Lithology: The sediment consists of homogeneous, highly disturbed and soupy, white (N9) NANNOFOSSIL OOZE.</p> <p>Minor Lithology: Grayish brown (5YR 3/2) brecciated CHERT occurs in Section 1, 0 to 30 cm, mixed with the white OOZE.</p>

Core Photo

Site 1212 Hole B Core 22H Cored 175.2-182.7 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
176	1		> > >					PAL	WH	<p>Major Lithology: The dominant lithology is white (N9) NANNOFOSSIL OOZE.</p> <p>Minor Lithology: Brecciated fragments of dark yellowish orange (10YR 6/6), very pale orange (10YR 8/2), and pale yellowish brown (10YR 6/2) CHERT are abundant in the upper 36 cm of Section 1.</p> <p>General Description: This core is highly disturbed and has small fragments of CHERT randomly distributed throughout.</p>


Core Photo

Site 1212 Hole B Core 23H Cored 183.7-189.0 mbsf											
METERS	SECTION	REFLECTANCE	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
184	1								SS	WH	<p>Major Lithology: The dominant lithology is a white (N9) NANNOFOSSIL OOZE.</p> <p>Minor Lithology: Finely brecciated CHERT occurs in Section 1.</p> <p>General Description: The sediment is homogeneous with no visible sedimentary structures. An Inoceramid fragment (~1 cm) was noted in Section 2 (at 129 cm). Finely brecciated CHERT is present between 0 and 30 cm in Section 1 and larger, cm-scale fragments of CHERT appear in Section 1 at 46-49, 62-66, and 74-76 cm.</p>
186	2										
188	3								PAL		


Core Photo

Site 1212 Hole B Core 24H Cored 190.0-196.3 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
192	1									<p>Major Lithology: The dominant lithology is a white (N9) NANNOFOSSIL OOZE WITH INORGANIC CALCITE.</p> <p>Minor Lithology: Section 6 contains a 30 cm layer of yellowish gray layer of NANNOFOSSIL OOZE WITH FORAMINIFERAS. Finely brecciated CHERT occurs in Section 1.</p> <p>General Description: The sediment is homogeneous with a paste-like consistency and no visible sedimentary structures. Disturbance by drilling and splitting is rare to moderate throughout with the exception of Section 6. Inoceramid fragments are common in the brecciated interval at the top of Section 1. Because of the overall core condition, reflectance was not measured.</p>
194	2									
196	3									
	4									
	5									
	6									


Core Photo

Site 1212 Hole B Core 25H Cored 199.3-201.0 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1									ye GY	<p>Major Lithology: The dominant lithology is yellowish gray (5Y 8/1) NANNOFOSSIL OOZE WITH FORAMINIFERS.</p> <p>Minor Lithology: Brecciated fragments of brownish gray (5YR 4/1) and pale yellowish brown (10YR 6/2) CHERT are abundant from 0-34 cm in Section 1 and from 1-6 cm in the core catcher</p> <p>General Description: The sediment has a soupy texture from 0-34 cm in Section 1 and becomes stiff from 34 cm to the base of Section 1. The sediment in the core catcher is highly disturbed. Most of the foraminifers in the OOZE are pyrite-filled.</p>

Core Photo

Site 1212 Hole B Core 26H Cored 203.5-204.5 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
204	1						!		lt BR	<p>Major Lithology: The core consists of CHERT fragments, highly brecciated and fractured during drilling. Colors range from light brown (5YR 5/6) to pale yellowish brown (10YR 6/2) to grayish black (N2).</p>

Core Photo

Site 1212 Hole B Core 27H Cored 207.1-207.6 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1										<p>Major Lithology: The dominant lithologies are light gray (N7) NANNOFOSSIL OOZE WITH FORAMINIFERS and medium dark gray (N4) CHERT.</p> <p>General Description: The CHERT is brecciated and the sediment in this core is highly disturbed. The OOZE is present from 0-9 cm and contains CHERT fragments disseminated throughout.</p>

