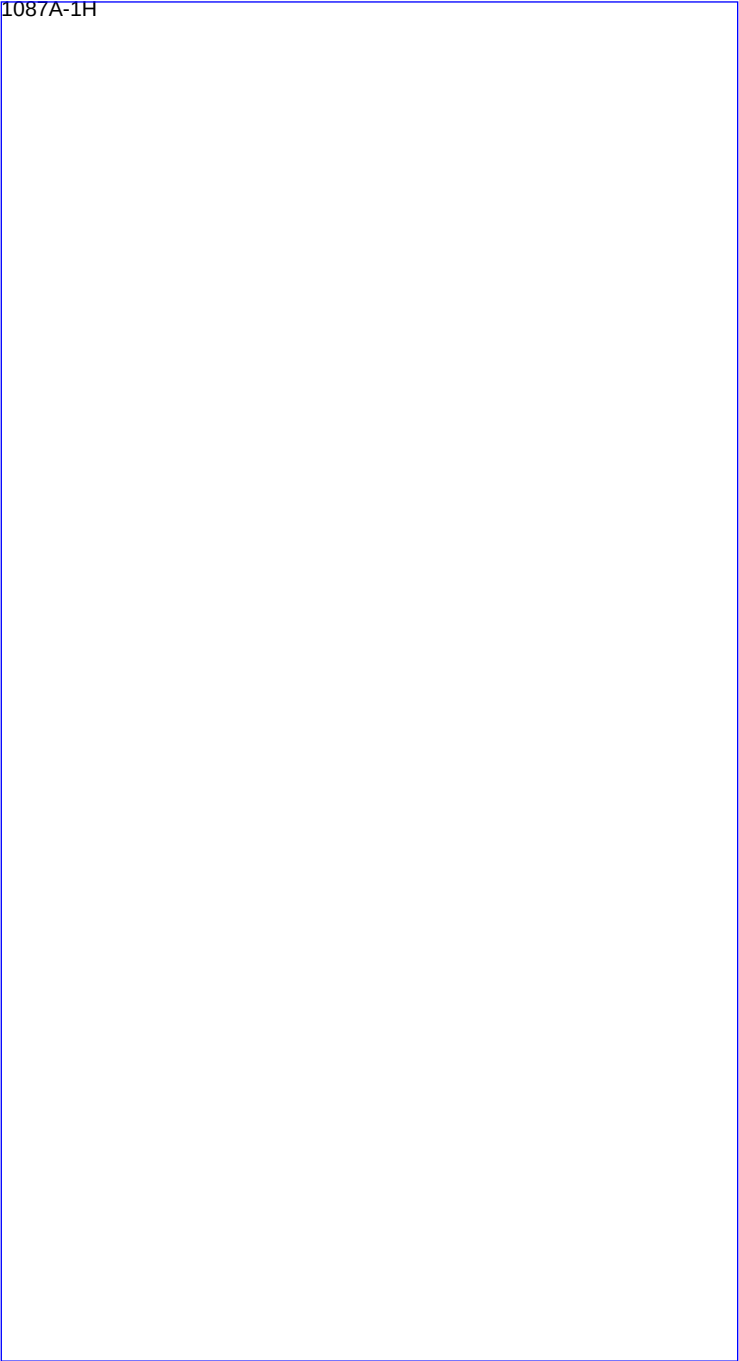
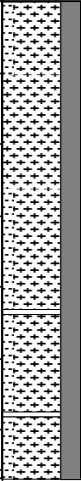


1087A-1H 0.0-8.2 mbsf										
Leg 175 Site 1087 Hole A Core 1H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL-FORAMINIFER OOZE The core consists of light greenish gray (10Y 6/2) NANNOFOSSIL FORAMINIFER OOZE. Lighter greenish gray intervals (10Y 7/2) extend from Section 3, 10 cm, to Section 3, 26 cm, Section 3, 130 cm, to Section 4, 30 cm, and Section 4, 140 cm, to Section 5, 30 cm.
2									IW	
3									SS	
4									IW	
5									SS	
6									SS	
7										
8										



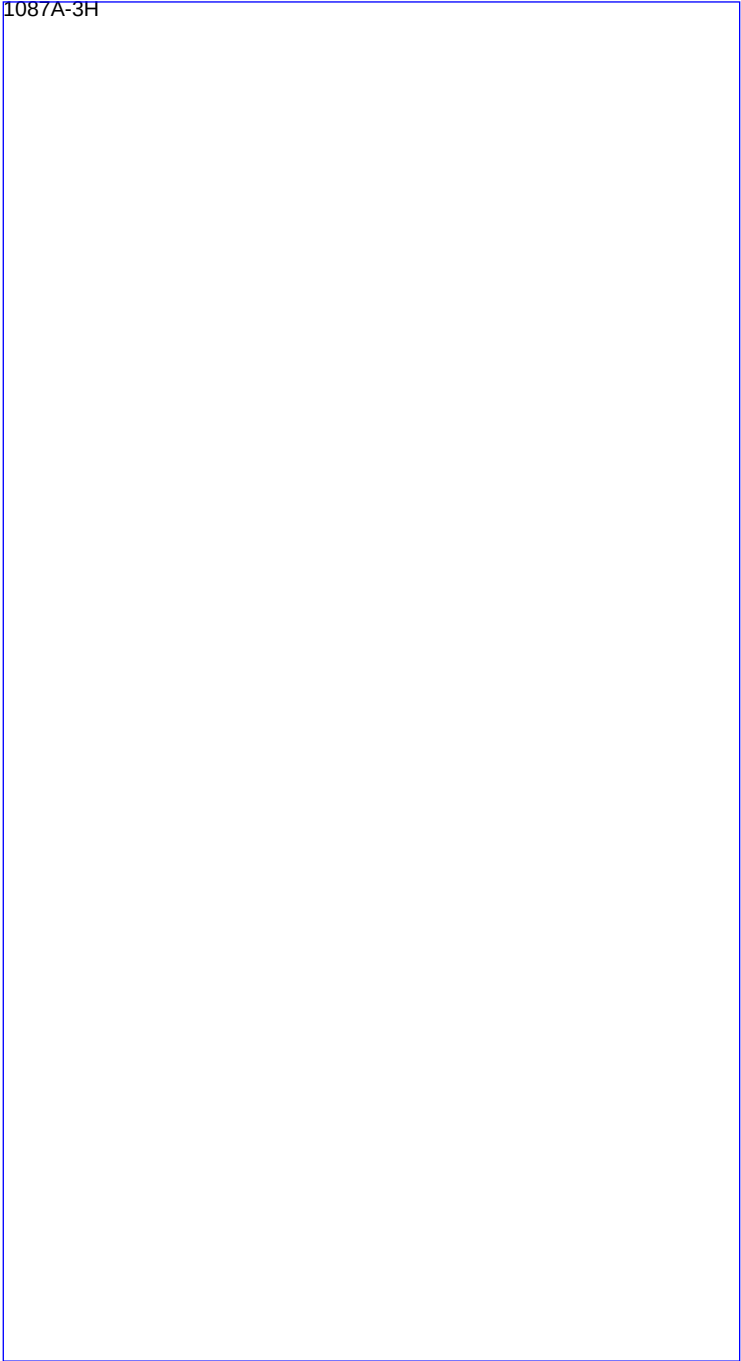
1087A-2H 8.2-17.7 mbsf									
Leg 175 Site 1087 Hole A Core 2H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION									
1									SS
2									
3									SS
4									IW
5									
6									SS
7									
8									
9									
10									PAL

1087A-2H

1087A-3H 17.7-27.2 mbsf									
Leg 175 Site 1087 Hole A Core 3H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION									
1									SS
2									
3									SS
4									IW
5									
6									SS
7									
8									
9									
10									PAL

FORAMINIFER NANNOFOSSIL OOZE, FORAMINIFER-RICH NANNOFOSSIL OOZE, and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE

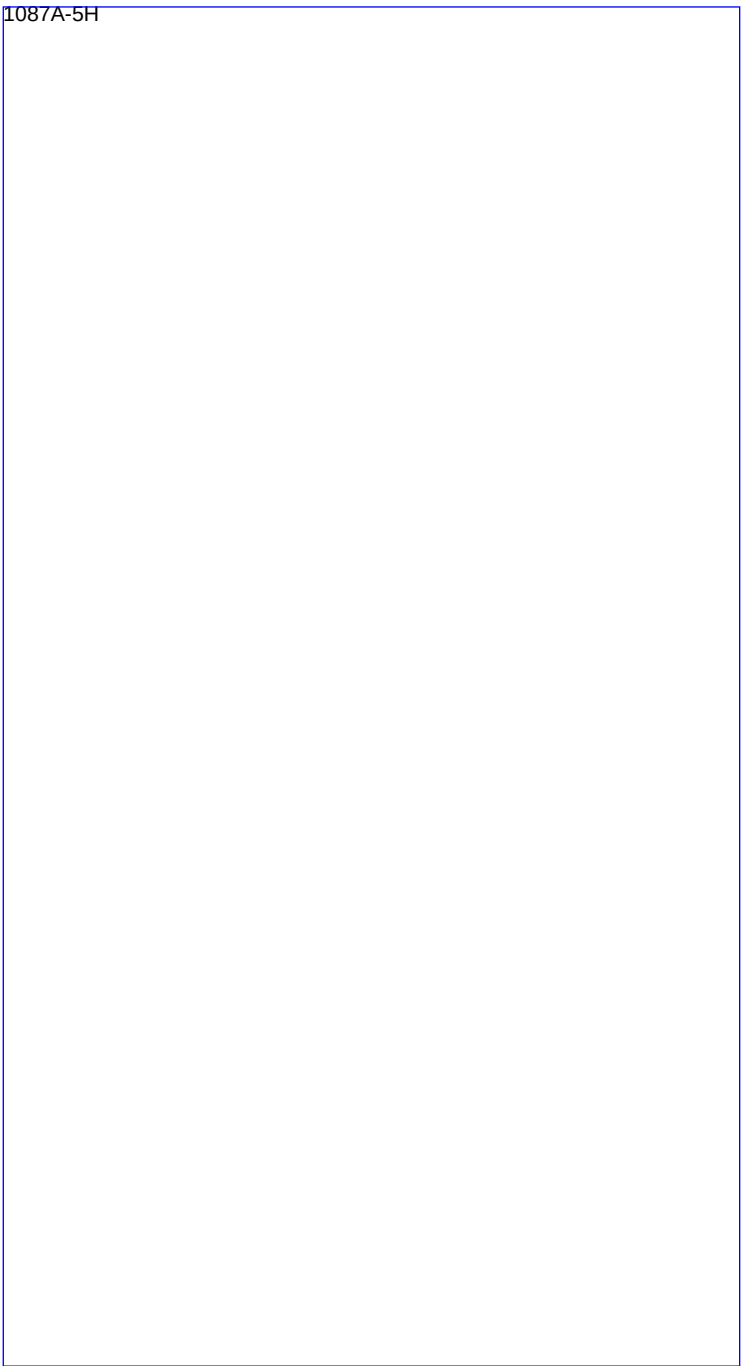
The core consists of light olive gray (5Y 6/2) and pale olive (5Y 6/3) FORAMINIFER NANNOFOSSIL OOZE, light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE, and olive (5Y 5/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE. Lithologic changes are gradual and alternate frequently throughout the core.



1087A-4H 27.2-36.7 mbsf										
Leg 175 Site 1087 Hole A Core 4H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~	SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of olive (5Y 5/3), pale olive (5Y 6/3), and light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. The two lithologies alternate frequently throughout the core. A thin layer containing sand-sized foraminifer test and pyrite aggregates is present in Section 3, 90-91 cm.
2										
3									SS	
4									IW	
5										
6									SS	
7								~	PAL	

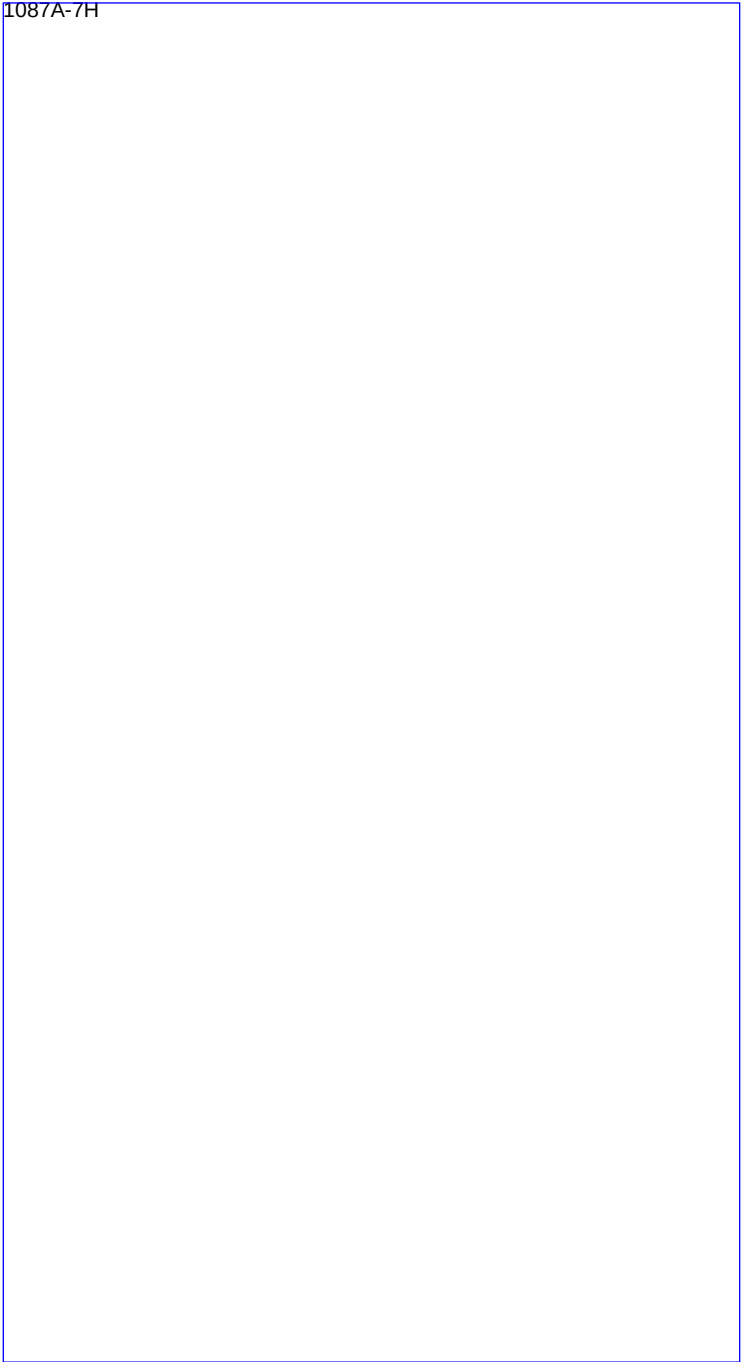
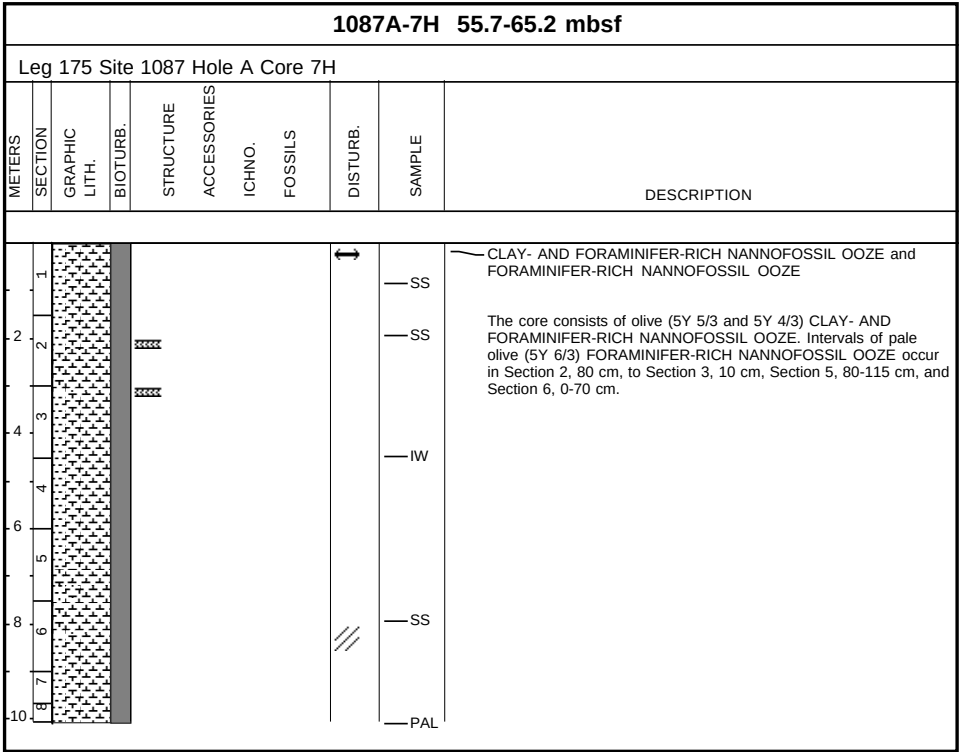
1087A-4H

1087A-5H 36.7-46.2 mbsf										
Leg 175 Site 1087 Hole A Core 5H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of olive (5Y 5/3), pale olive (5Y 6/3) and light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and olive (5Y 4/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE. A 20 cm thick light gray (5Y 7/2) layer of FORAMINIFER-RICH NANNOFOSSIL OOZE forms a sharp contact with the underlying olive (5Y 4/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE. Individual-colored intervals of the FORAMINIFER-RICH NANNOFOSSIL OOZE are between 30 and 40 cm thick, and alternate throughout the entire core. Burrows vary between 2 mm and 1 cm, and are often infilled with sand-sized foraminifer fragments.
2									SS	
3									SS	
4									IW	
5										
6										
7									SS	
									PAL	



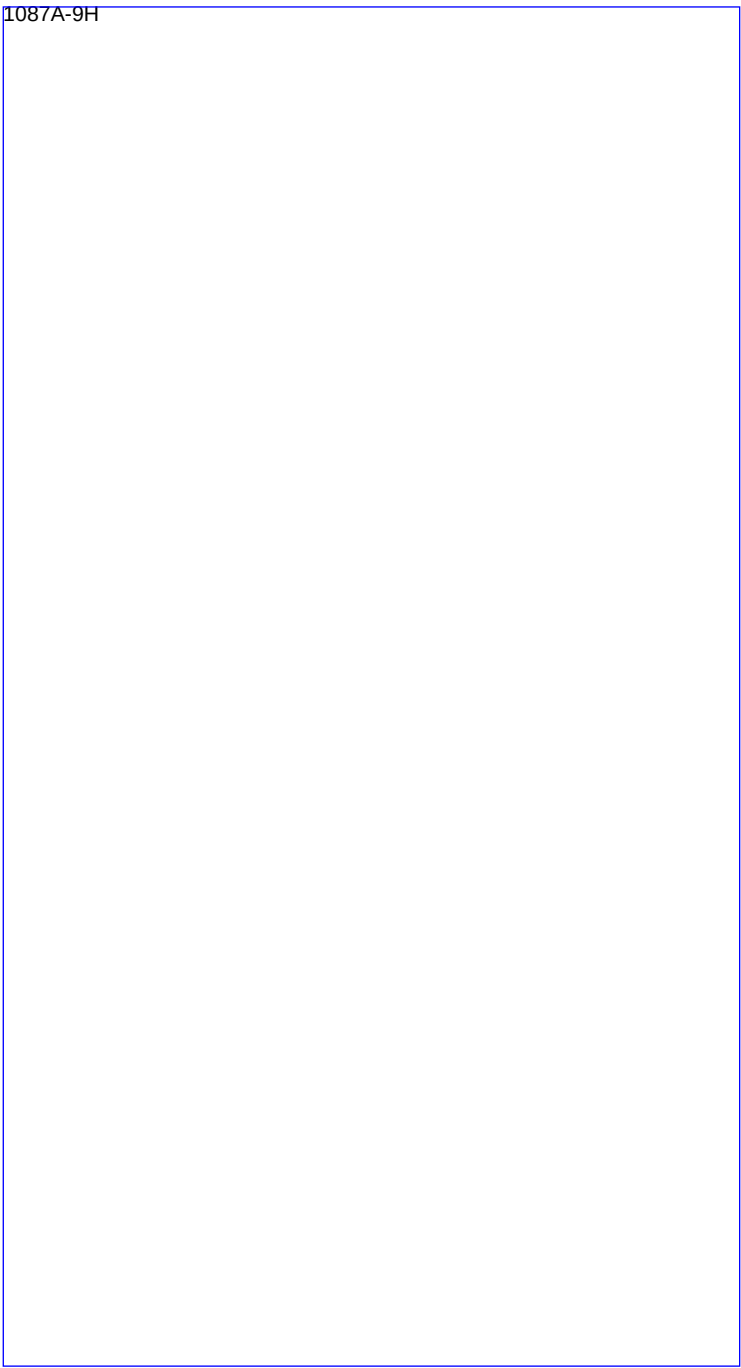
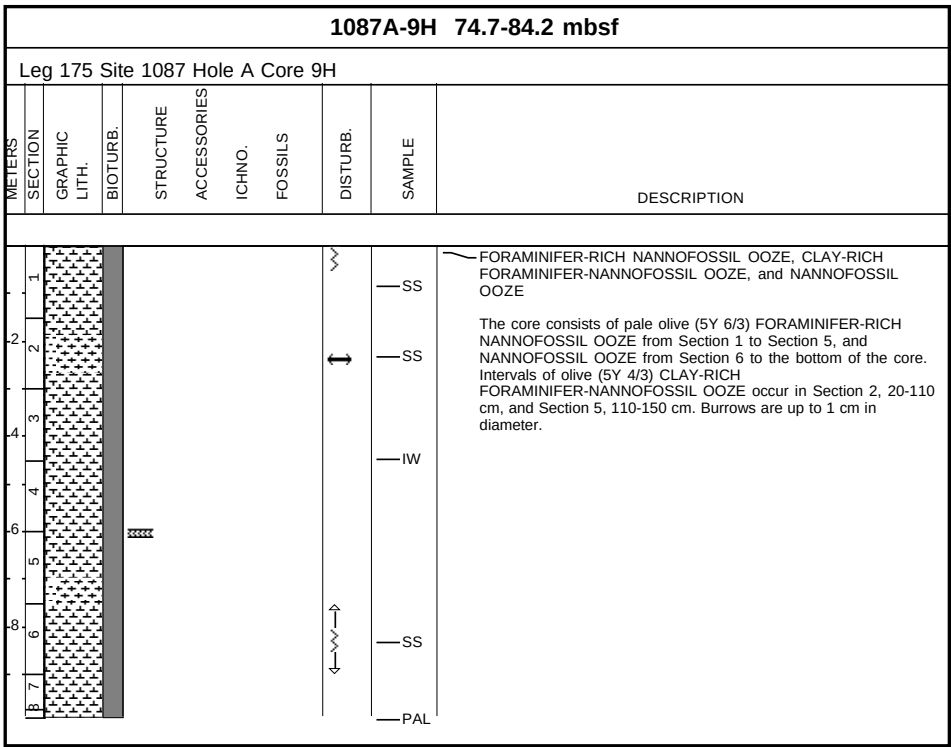
1087A-6H 46.2-55.7 mbsf										
Leg 175 Site 1087 Hole A Core 6H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										CLAY-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) CLAY-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE and olive (5Y 5/3 and 5Y 4/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE. Burrows are between 0.5 and 1 cm in diameter, and are often unfilled with abundant foraminifers. IW PAL
2										
3										
4										
5										
6										
7										
8										
9										
10										

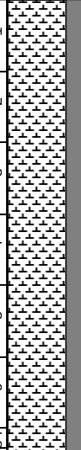




1087A-8H 65.2-74.7 mbsf										
Leg 175 Site 1087 Hole A Core 8H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE and DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE. An interval of olive (5Y 5/3) DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE occurs from Section 4, 40 cm, to Section 5, 65 cm. Sparse pyrite blebs, 1 mm in diameter, occur throughout the core.
2									SS	
3										
4										
4									SS	
5									IW	
6										
6									SS	
7									SS	
7									PAL	



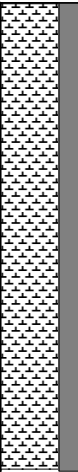


1087A-10H 84.2-93.7 mbsf										
Leg 175 Site 1087 Hole A Core 10H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE, CLAY-BEARING NANNOFOSSIL OOZE, and DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) FORAMINIFER-BEARING NANNOFOSSIL OOZE. An olive (5Y 5/3) CLAY-BEARING NANNOFOSSIL OOZE interval occurs in Section 2, 25-80 cm, as well as, an olive (5Y 5/3) DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE in Section 6, 60-110 cm. Sparse pyrite nodules, 1 mm in diameter, are observed throughout the core.
2									SS	
3									IW	
4										
5									SS	
6										
7									PAL	

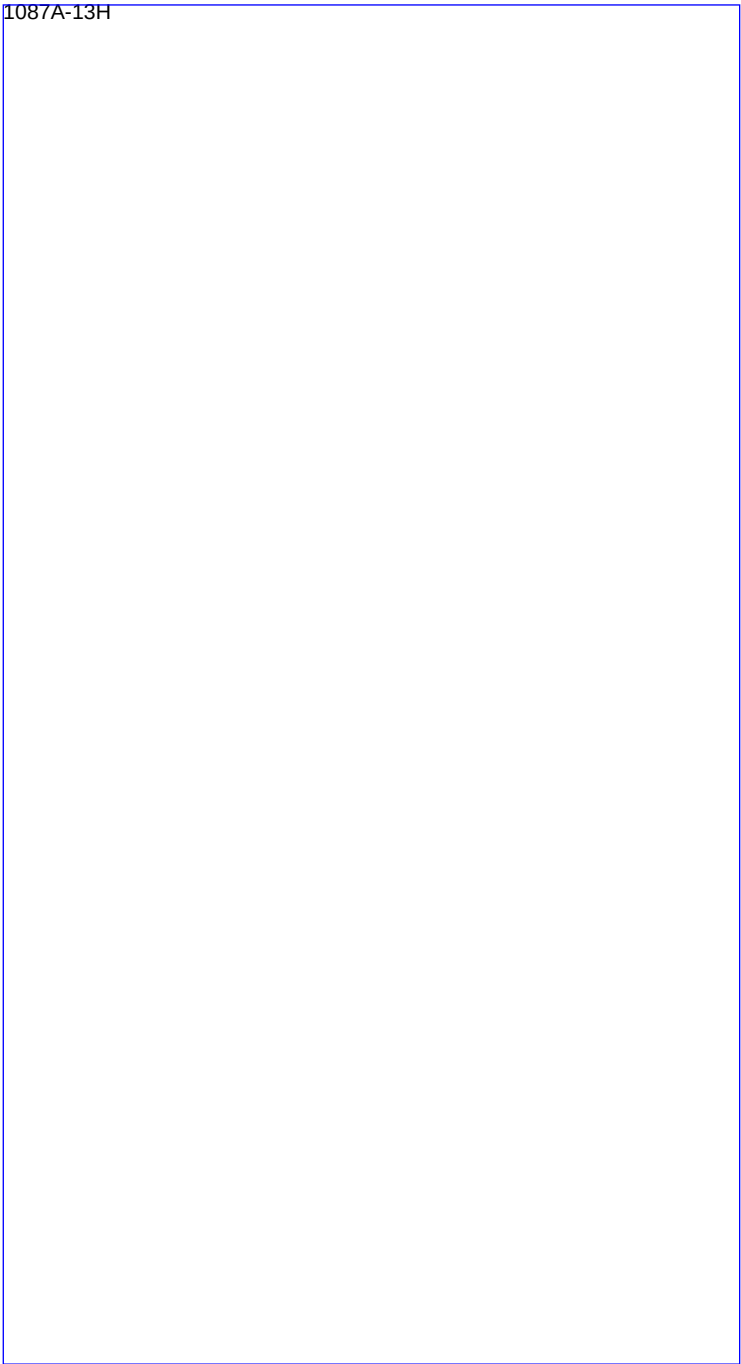
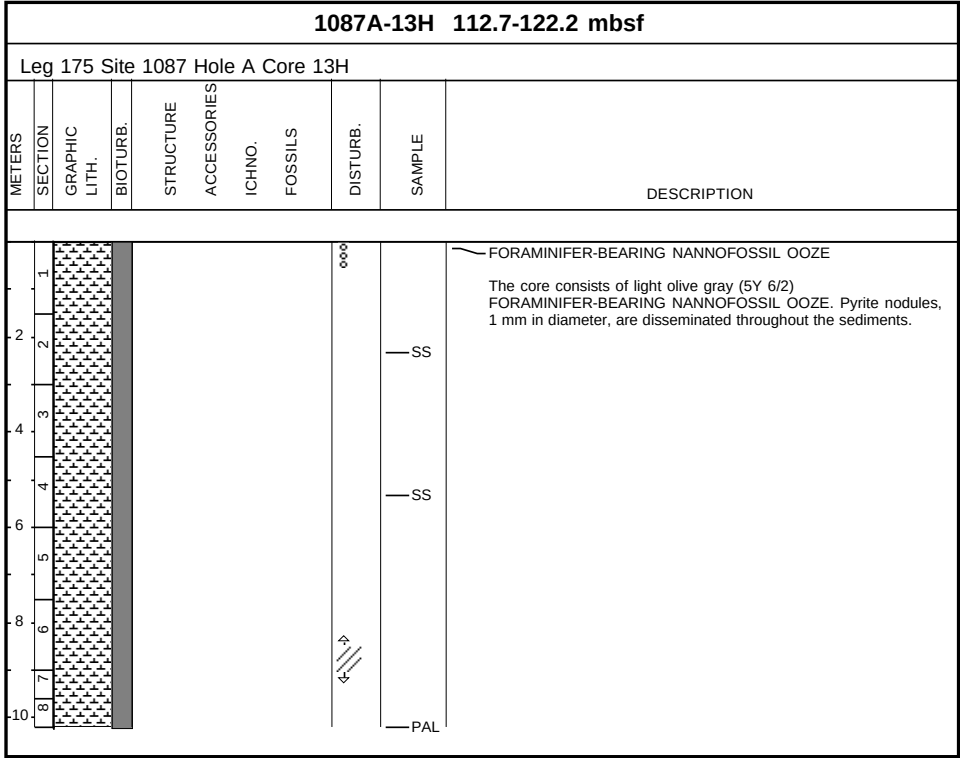


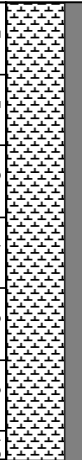
1087A-11H 93.7-103.2 mbsf										
Leg 175 Site 1087 Hole A Core 11H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of predominantly light gray (5Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE. An olive (5Y 5/3) CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE interval occurs in Section 1, 20-120 cm. Sparse pyrite nodules, 1 mm in diameter, are disseminated throughout the sediments. Burrows are up to 1 cm in diameter.
2									SS	
3									SS	
4									IW	
5										
6										
7									SS	
8									PAL	

1087A-11H

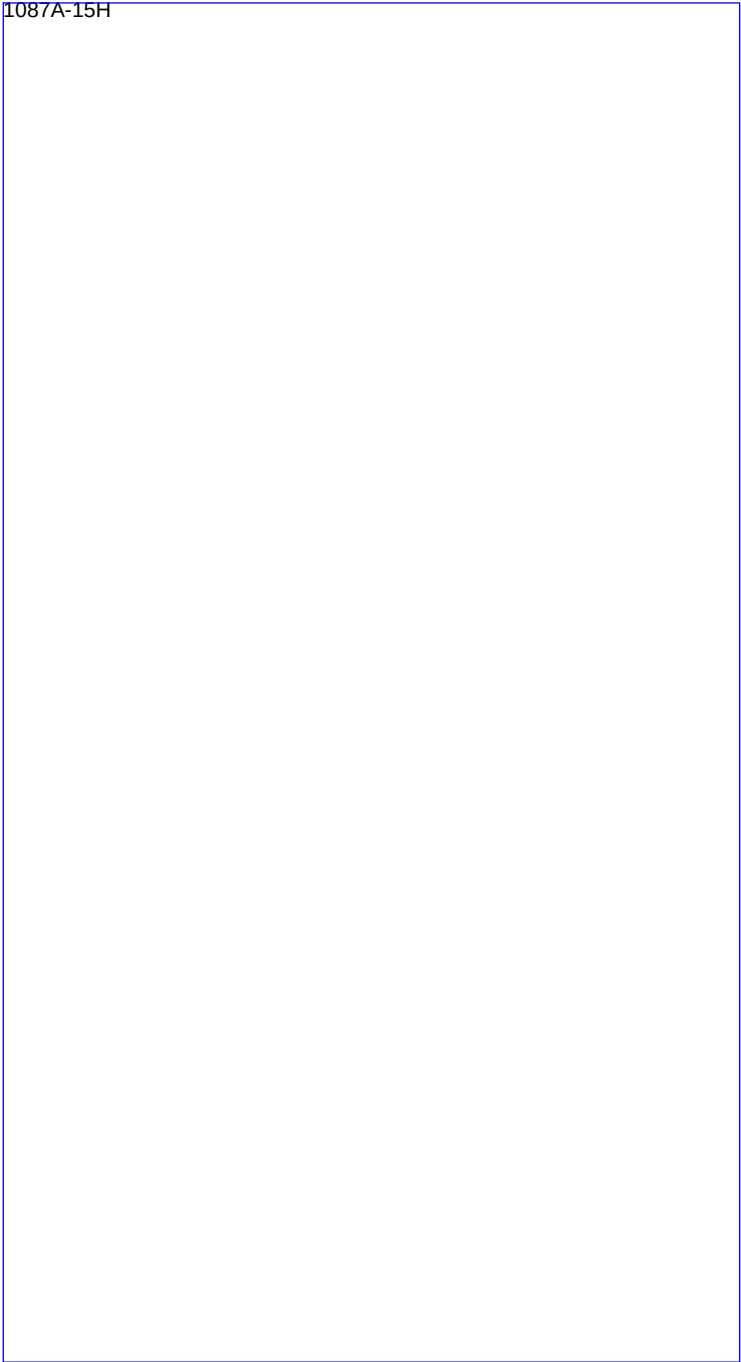
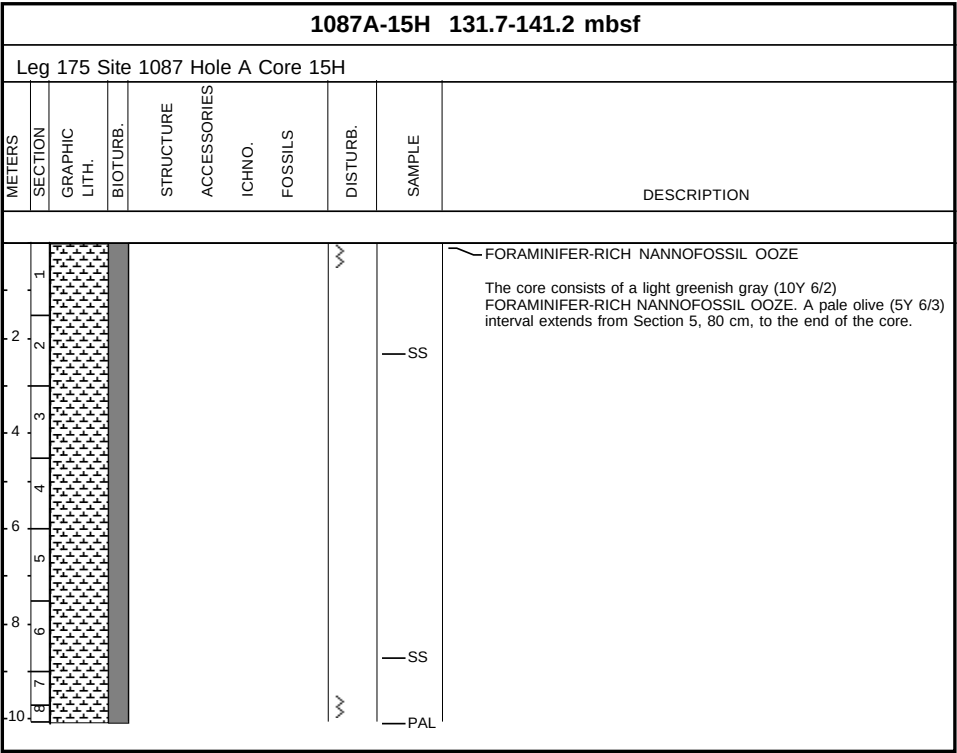
1087A-12H 103.2-112.7 mbsf										
Leg 175 Site 1087 Hole A Core 12H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light gray (5Y 7/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE. A pale olive (5Y 6/3) CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE interval occurs in Section 5, 10-60 cm. Sparse pyrite nodules, 1 mm in diameter, are disseminated throughout the sediments.
2										
3										
4										
5									SS	
6										
7									PAL	

1087A-12H



1087A-14H 122.2-131.7 mbsf											
Leg 175 Site 1087 Hole A Core 14H											
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
1									SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light olive gray (5Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE. An olive gray (5Y 5/2) FORAMINIFER-RICH NANNOFOSSIL OOZE interval occurs from Section 3, 70-140 cm. Burrows, 0.5 to 1 cm in diameter, are often infilled with high pyrite content. Pyrite nodules, 1 mm in diameter, are disseminated throughout the core.	
2											
3											SS
4											SS
5											
6											SS
7											PAL

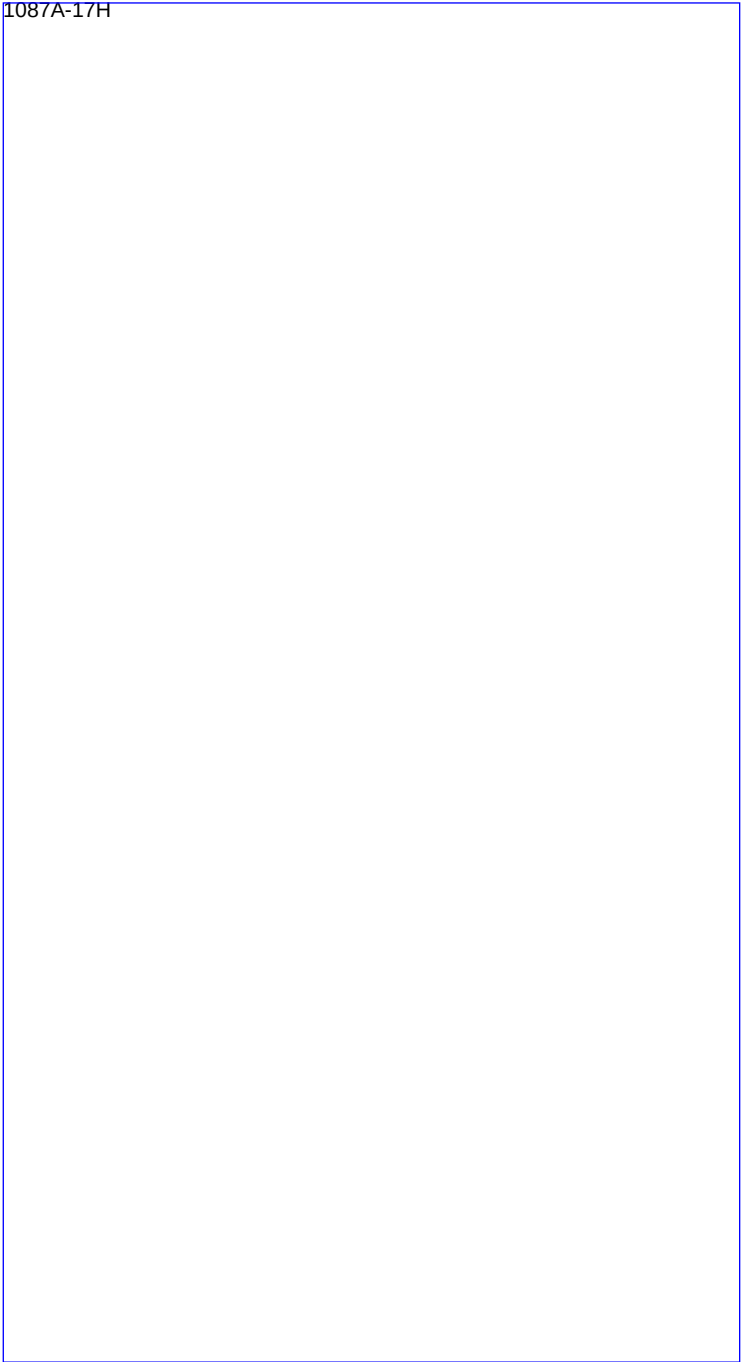




1087A-16H 141.2-150.7 mbsf										
Leg 175 Site 1087 Hole A Core 16H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE and NANNOFOSSIL-FORAMINIFER OOZE The core consists of pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE (Section 1, 0 cm to Section 6, 67 cm), and light greenish gray (10Y 7/2) NANNOFOSSIL-FORAMINIFER OOZE (Section 6, 67 cm, to the end of the core). Disseminated, 1-2 mm diameter, pyrite blebs occur throughout the core.
2									SS	
3										
4										
5										
6									SS	
7									PAL	

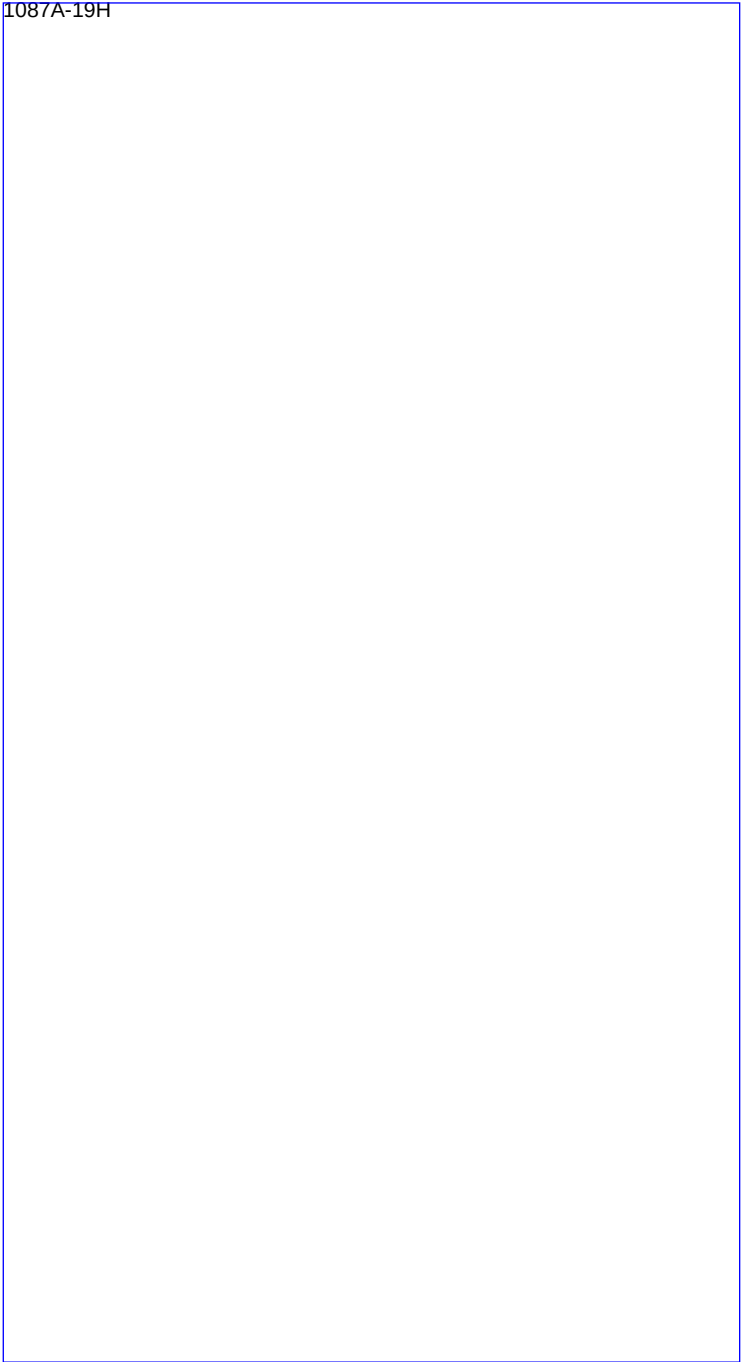
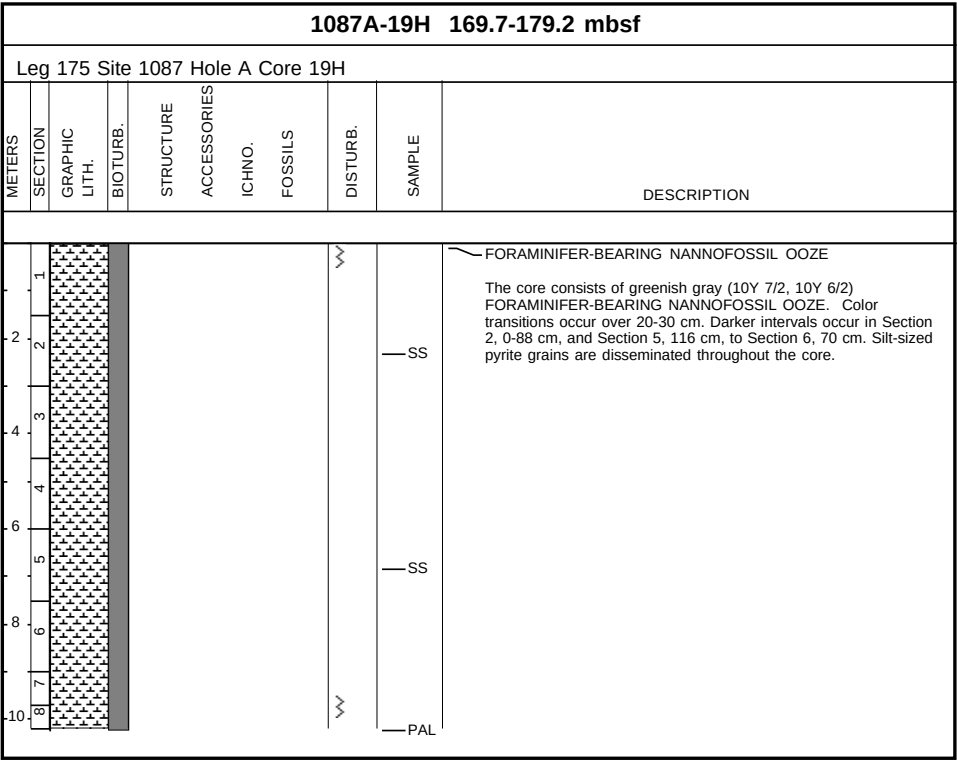


1087A-17H 150.7-160.2 mbsf										
Leg 175 Site 1087 Hole A Core 17H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pyrite blebs, 1-2 mm in diameter, are disseminated throughout the core. Some larger burrows are unfilled with pyrite-rich sediment.
2									SS	
3									IW	
4										
5									SS	
6										
7									PAL	



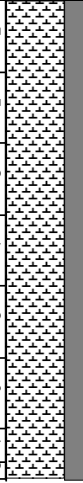
1087A-18H 160.2-169.7 mbsf										
Leg 175 Site 1087 Hole A Core 18H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~		FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pyrite blebs, 1-2 mm in diameter, are disseminated throughout the core. Burrows range in diameter from 1-2 cm. A 1.5 cm thick, bioturbated layer with a sharp bottom is present in Section 2, 90 cm. It is composed of sediment rich in silt-sized foraminifer tests.
2									— SS	
3										
4										
5									— SS	
6								~		
7								~	— PAL	

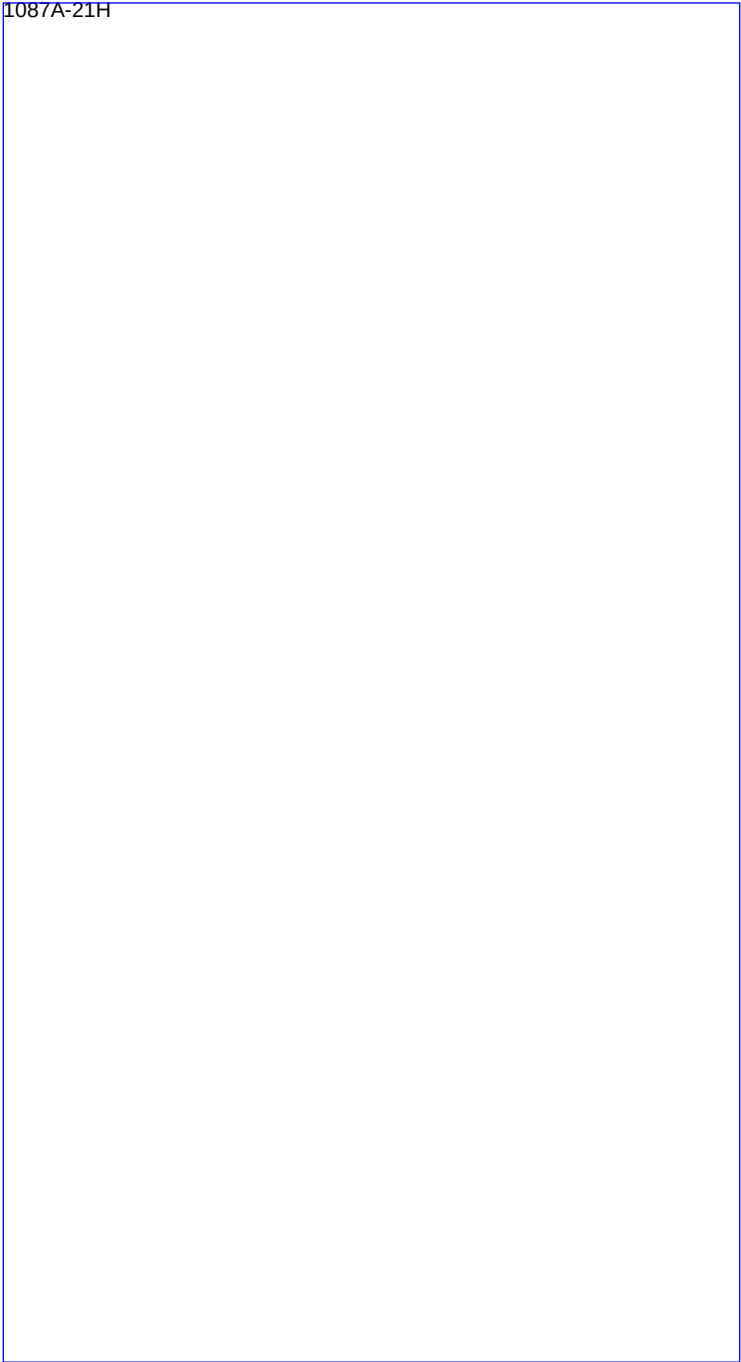




1087A-20H 179.2-188.7 mbsf										
Leg 175 Site 1087 Hole A Core 20H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of greenish gray (10Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pale olive (5Y 6/3) intervals occur between Section 3, 130 cm, and Section 4, 70 cm, and between Section 6, 110 cm, and Section 7, 10 cm. Silt-sized pyrite grains are disseminated throughout the core.
2									SS	
3									IW	
4									SS	
5										
6										
7									PAL	

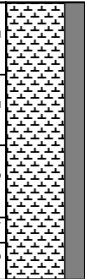
1087A-20H

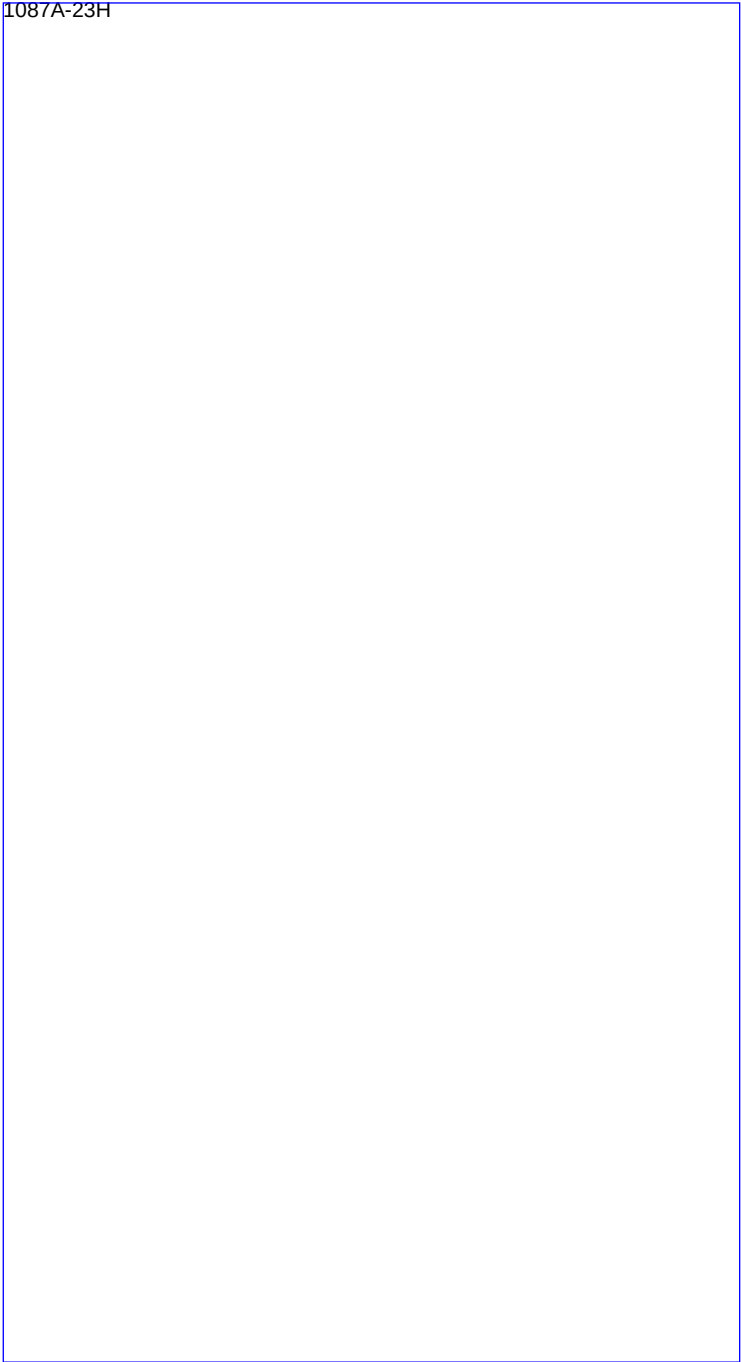
1087A-21H 188.7-198.2 mbsf										
Leg 175 Site 1087 Hole A Core 21H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE and olive (5Y 5/3) NANNOFOSSIL OOZE. Pyrite blebs are disseminated throughout the core.
2									SS	
3										
4									SS	
5										
6										
7										
8										
9										
10									PAL	

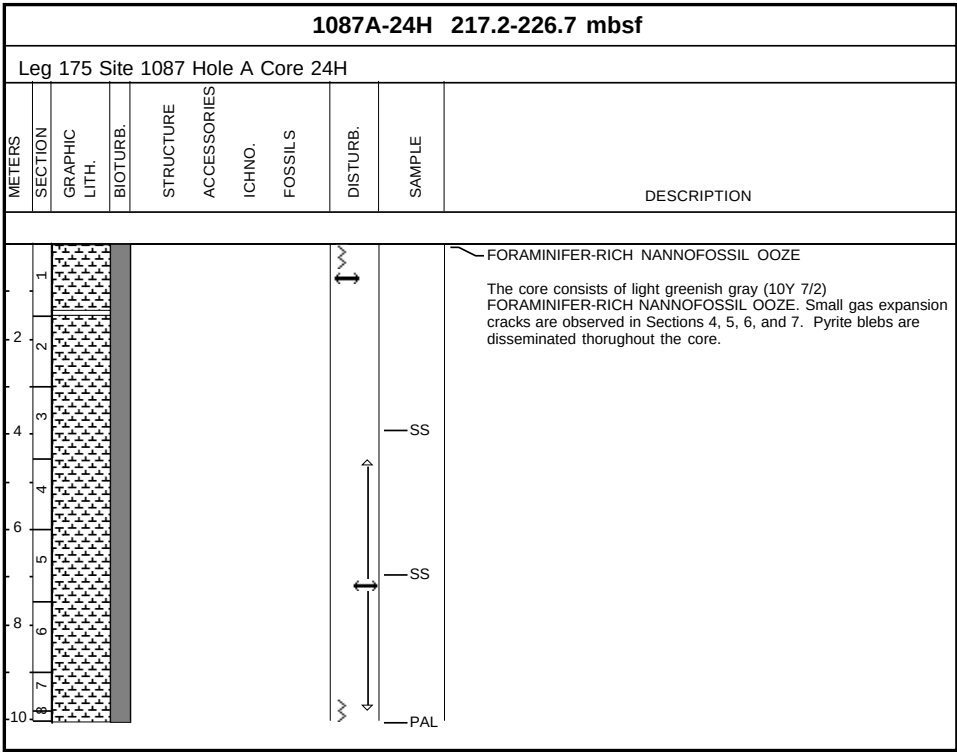


1087A-22H 198.2-207.7 mbsf										
Leg 175 Site 1087 Hole A Core 22H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHTHO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL OOZE and CLAY-RICH NANNOFOSSIL OOZE The core consists of bioturbated light greenish gray (10Y 7/2) NANNOFOSSIL OOZE and CLAY-RICH NANNOFOSSIL OOZE. Pyrite blebs are disseminated throughout the core.
2										
3										
4									SS	
5									SS	
6									PAL	

1087A-22H

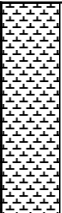
1087A-23H 207.7-217.2 mbsf										
Leg 175 Site 1087 Hole A Core 23H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~		FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pyrite-rich blebs are disseminated throughout the core. — IW — SS — PAL
2										
3										
4										
5									~	



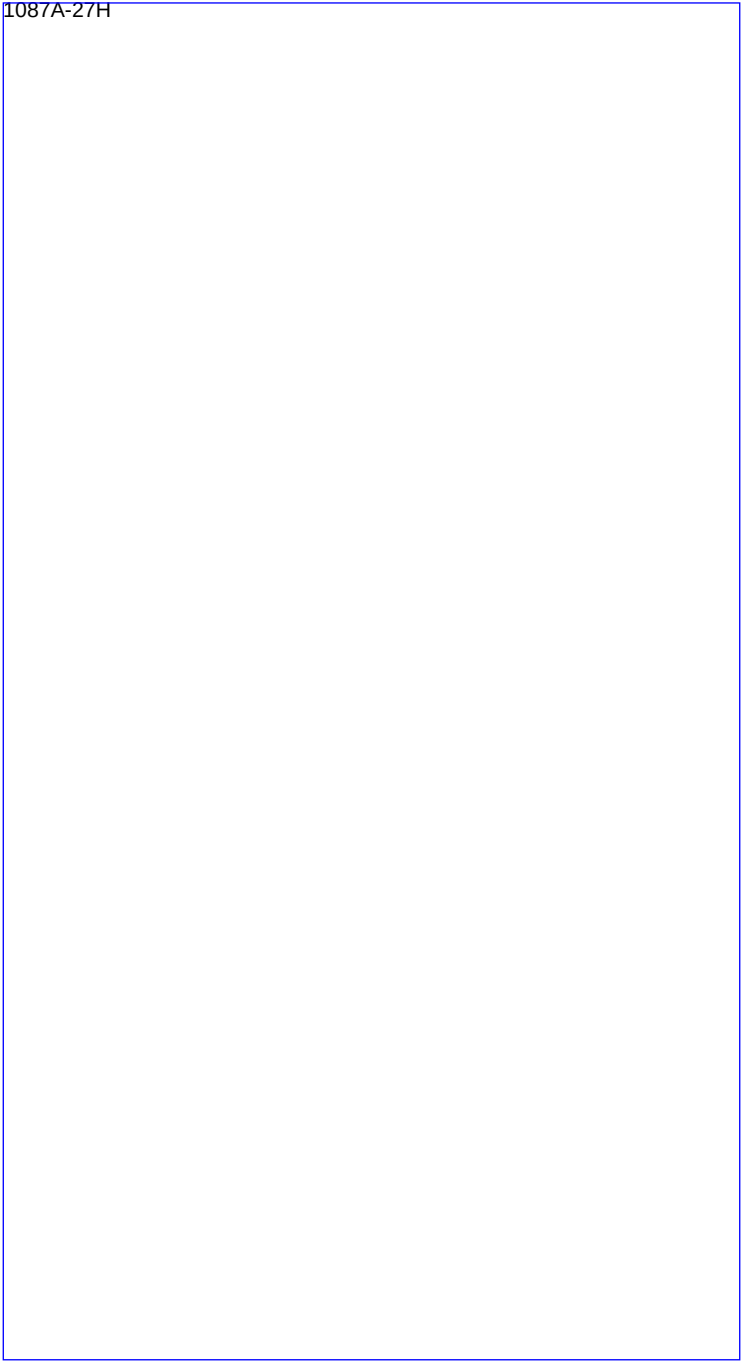
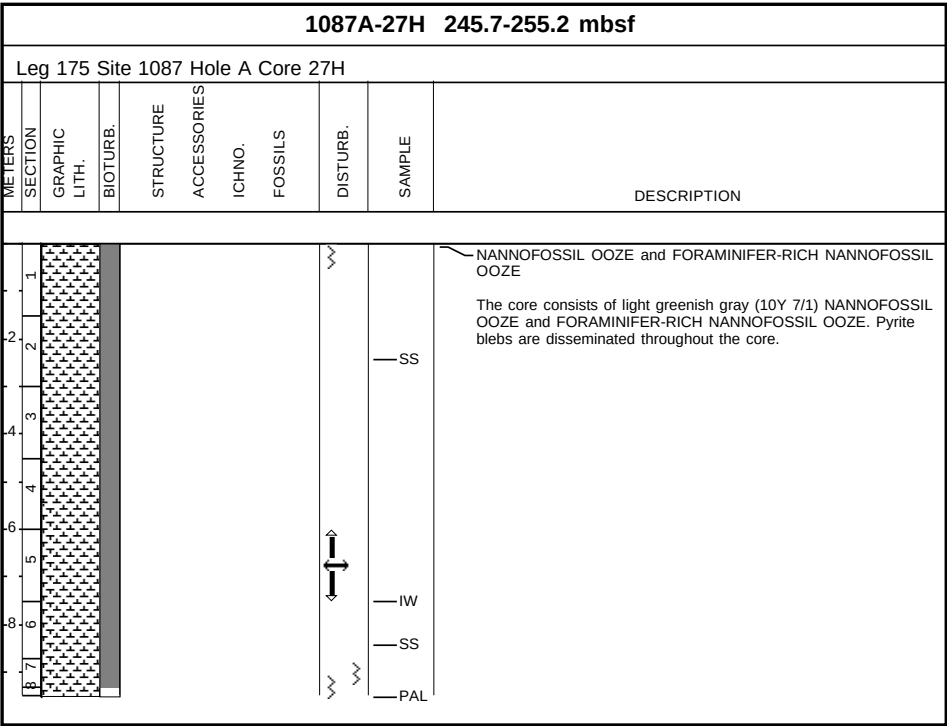


1087A-25H 226.7-236.2 mbsf										
Leg 175 Site 1087 Hole A Core 25H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING CLAY-RICH NANNOFOSSIL OOZE, FORAMINIFER-BEARING NANNOFOSSIL OOZE, and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10 Y 8/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE which grades into pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE. An interval of olive (5Y 5/3) FORAMINIFER-BEARING CLAY-RICH NANNOFOSSIL OOZE occurs in Section 2, 121-123 cm.
2									SS	
3									SS	
4										
5									SS	
6										
7									PAL	

1087A-25H

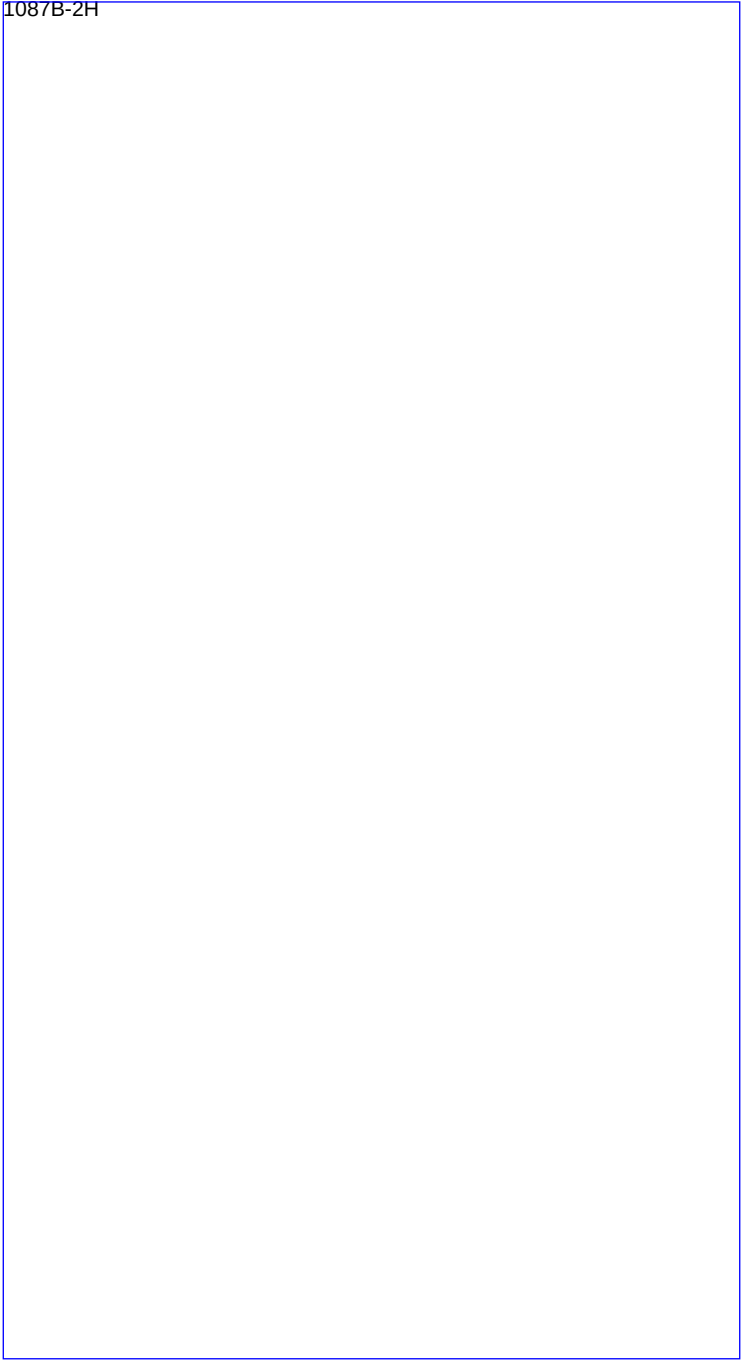
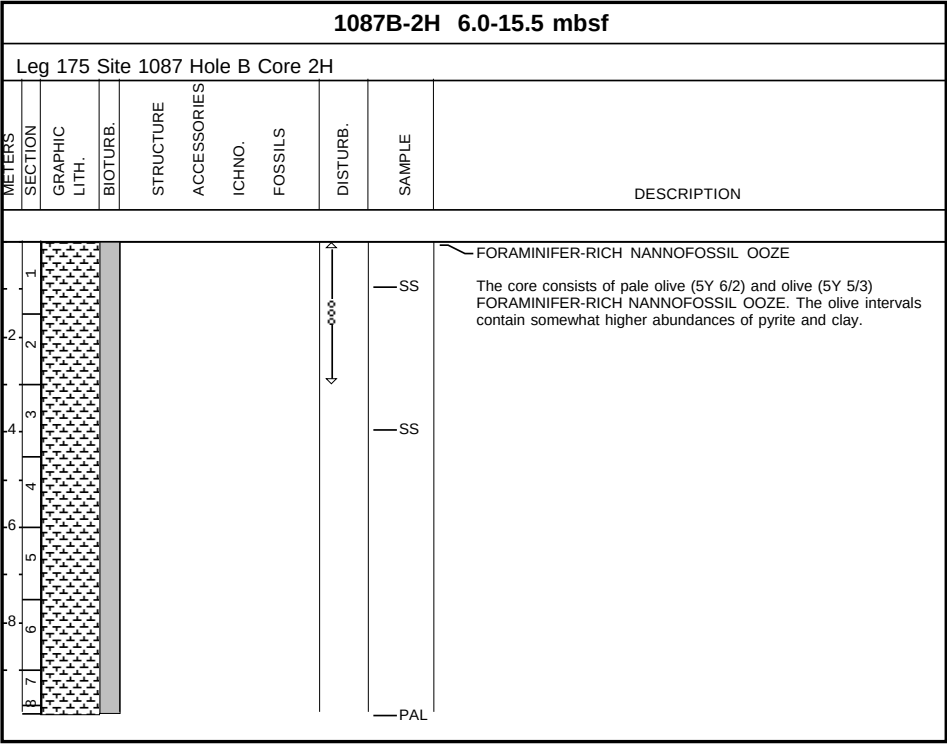
1087A-26H 236.2-245.7 mbsf										
Leg 175 Site 1087 Hole A Core 26H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of pale olive (5Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE.
2									SS	
3									IW	
4									SS	
5									PAL	

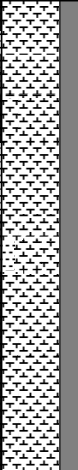
1087A-26H



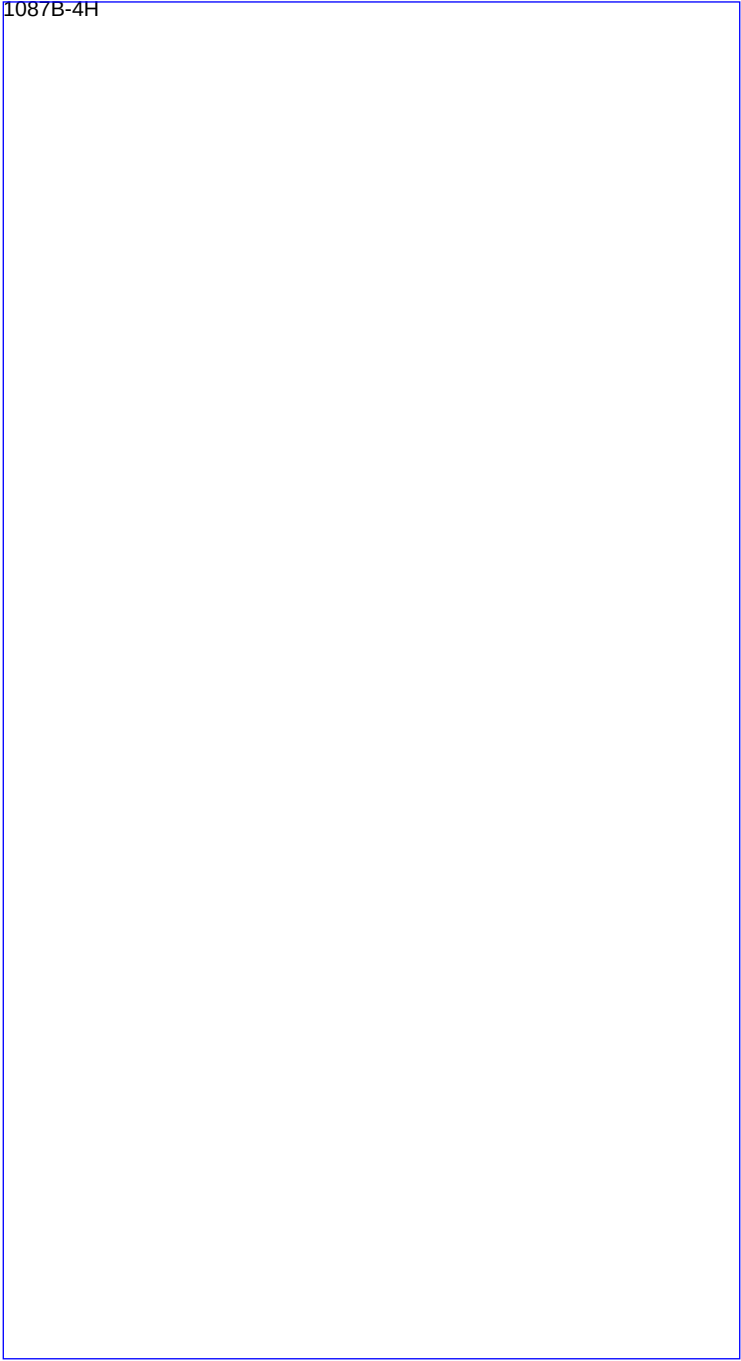
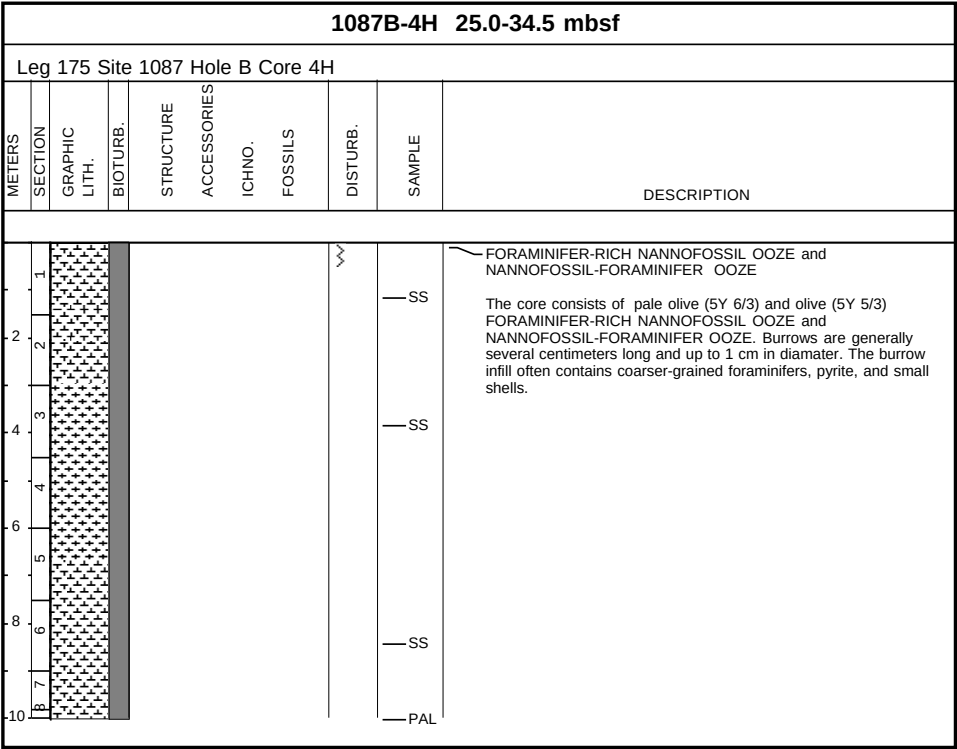
1087B-1H 0.0-6.0 mbsf										
Leg 175 Site 1087 Hole B Core 1H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE. The burrow infill consists of coarser sediment with abundant foraminifers.
2									SS	
3										
4										
5									SS	
6										





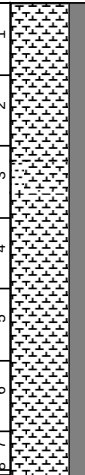
1087B-3H 15.5-25.0 mbsf										
Leg 175 Site 1087 Hole B Core 3H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE and NANNOFOSSIL-RICH FORAMINIFER OOZE and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) and light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE, olive (5Y 5/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE, and pale olive (5Y 6/3) and olive (5Y 5/3) silty layers of NANNOFOSSIL-RICH FORAMINIFER OOZE. The upper boundaries of these layers are generally bioturbated while the lower boundaries are sharp.
2									SS	
3									SS	
4										
5										
6										
7									SS	
8										

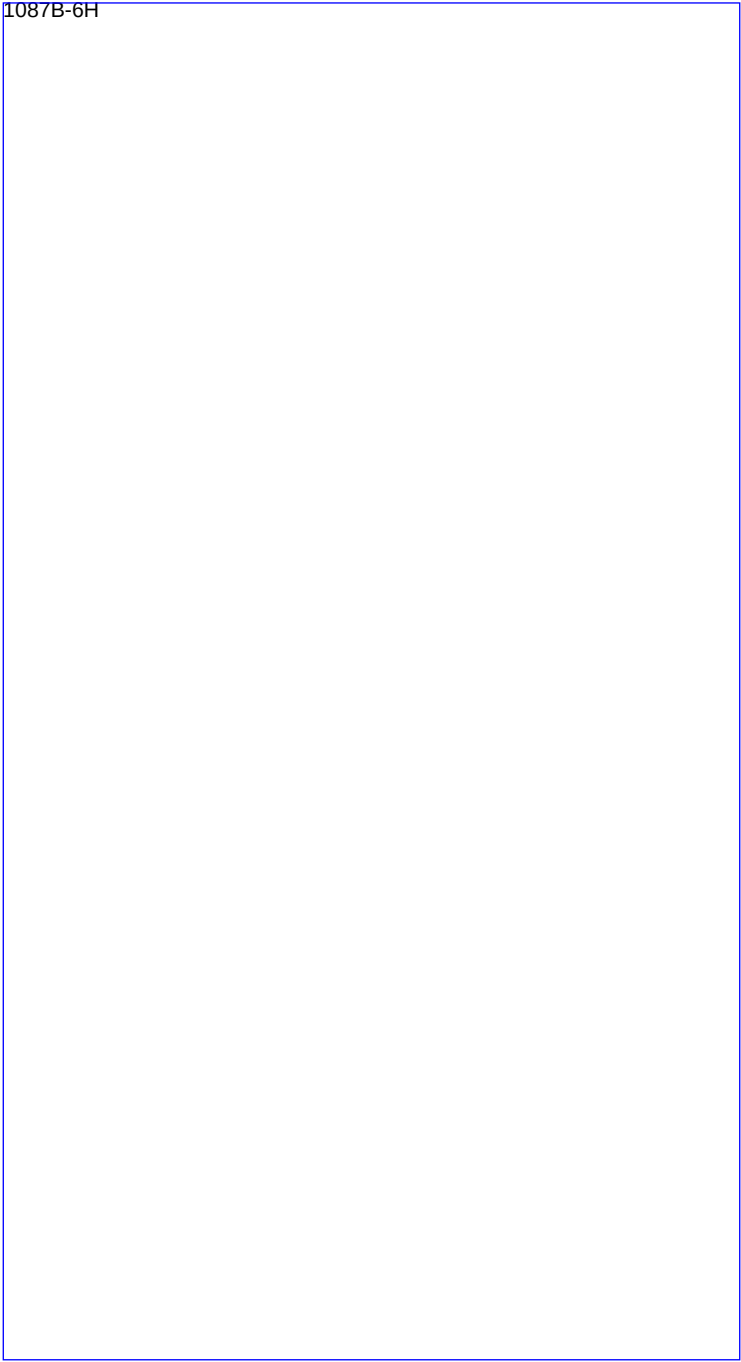




1087B-5H 34.5-44.0 mbsf										
Leg 175 Site 1087 Hole B Core 5H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~	SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING CLAY-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) and light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and olive (5Y 5/3) FORAMINIFER-BEARING CLAY-RICH NANNOFOSSIL OOZE.
2									SS	
3										
4										
5								~		
6									SS	
7									PAL	

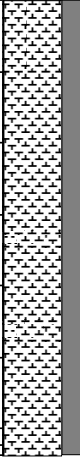
1087B-5H

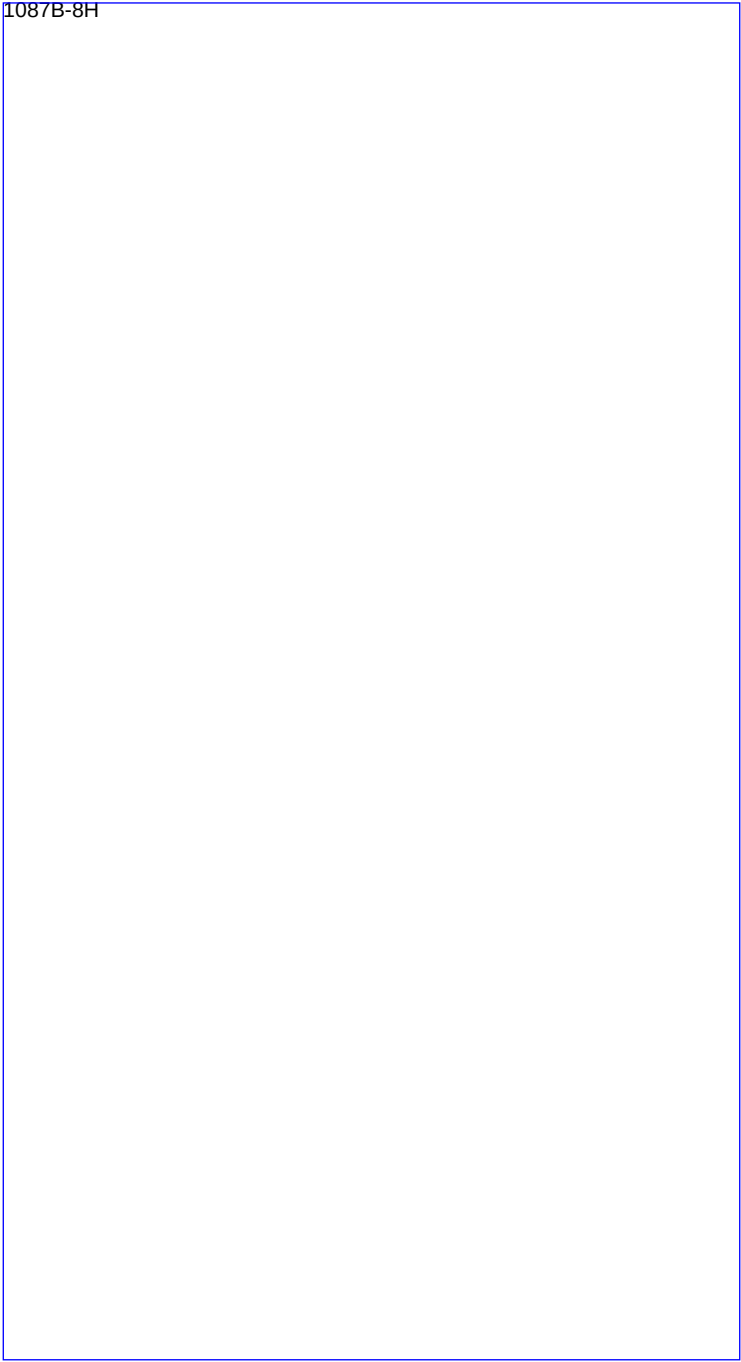
1087B-6H 44.0-53.5 mbsf										
Leg 175 Site 1087 Hole B Core 6H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								✓	SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE and olive (5Y 5/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE. Burrows average approximately 1 cm in diameter and are generally filled with coarser foraminifer-rich sediment rich in pyrite.
2									SS	
3									SS	
4									SS	
5										
6										
7									PAL	



1087B-7H 53.5-63.0 mbsf										
Leg 175 Site 1087 Hole B Core 7H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING AND CLAY-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) and light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and olive (5Y 5/3) layers of FORAMINIFER-BEARING AND CLAY-RICH NANNOFOSSIL OOZE. The upper boundaries of the FORAMINIFER-BEARING AND CLAY-RICH NANNOFOSSIL OOZE are very bioturbated. Burrow infill is generally coarser-grained and contains abundant pyrite and sand-sized foraminifer and shell fragments.
2									SS	
3									SS	
4										
5										
6									SS	
7									PAL	



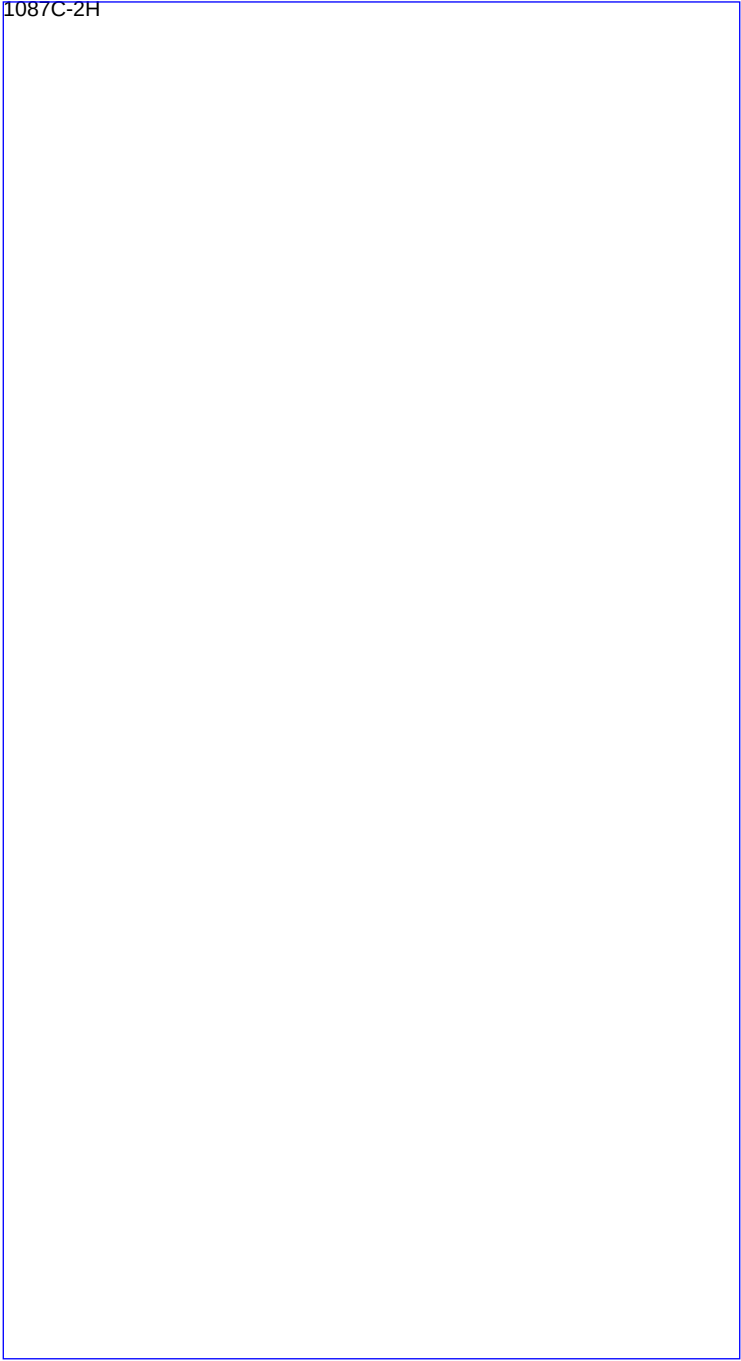
1087B-8H 63.0-72.5 mbsf										
Leg 175 Site 1087 Hole B Core 8H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL FORAMINIFER OOZE, FORAMINIFER-RICH NANNOFOSSIL OOZE, and FORAMINIFER-BEARING CLAY-RICH NANNOOSSIL OOZE The core consists of pale olive (5Y 6/3) and light gray (5Y 7/2) NANNOFOSSIL FORAMINIFER OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE with several layers of olive (5Y 5/3) FORAMINIFER-BEARING CLAY-RICH NANNOOSSIL OOZE. Large burrows up to 1 cm in diameter occur throughout the core, and are often filled with coarser-grained foraminifer tests and abundant pyrite grains.
2									SS	
3									SS	
4										
5									SS	
6										
7										
8									PAL	



1087C-1H 0.0-1.6 mbsf										
Leg 175 Site 1087 Hole C Core 1H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
2 1								∞∞	SS	NANNOFOSSIL-FORAMINFER OOZE The core consists of light greenish gray (10Y 7/2) NANNOFOSSIL-FORAMINFER OOZE. From Section1, 80 cm, to the bottom of the core, sediments contain more medium sand-sized foraminifer tests.

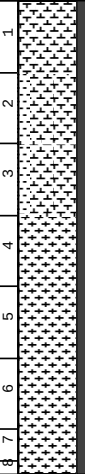


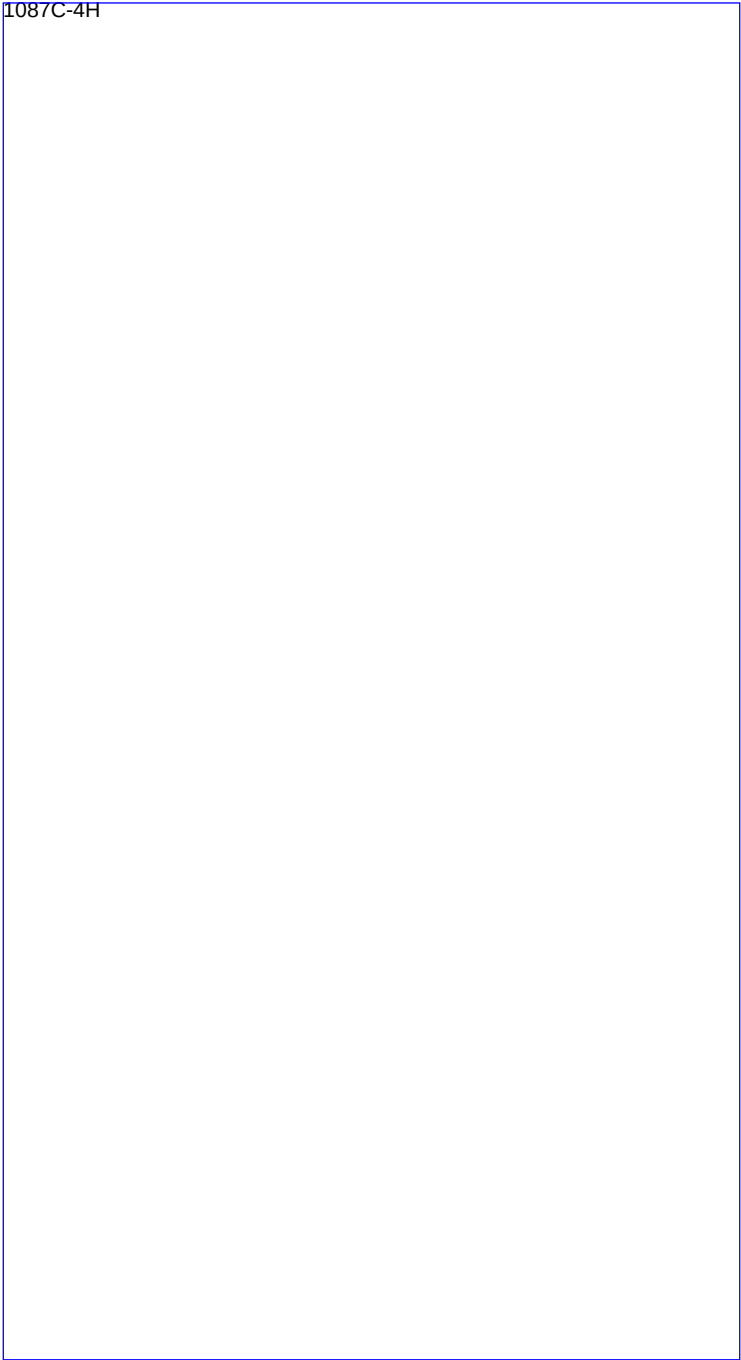
1087C-2H 1.6-11.1 mbsf H										
Leg 175 Site 1087 Hole C Core 2H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	NANNOFOSSIL-RICH FORAMINIFER OOZE, FORAMINIFER NANNOFOSSIL OOZE, and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10 7/2 and 10Y 6/2) NANNOFOSSIL-RICH FORAMINIFER OOZE from Sections 1 to 3. Sections 4 and 5 contain light olive gray (5Y 6/2) FORAMINIFER NANNOFOSSIL OOZE. Section 6 to the bottom of the core consists of light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Coarser-grained foraminifer-rich intervals occur in Section 1, 0-55 cm, Section 2, 40-94 cm, and Section 4, 120-127 cm.
2										
3										
4									SS	
5										
6									SS	
7										

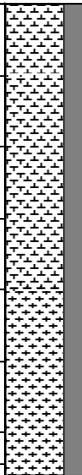


1087C-3H 11.1-20.6 mbsf										
Leg 175 Site 1087 Hole C Core 3H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) and light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and distinct layers containing olive (5Y 5/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE. The layers have sharp lower contacts and bioturbated tops. They occur between Section 3, 79 cm, and Section 4, 29 cm, and Section 5, 10-32 cm.
2									SS	
3									SS	
4									SS	
5									SS	
6									SS	
7									SS	

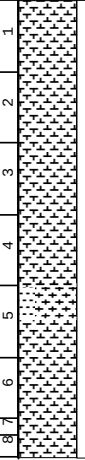
1087C-3H

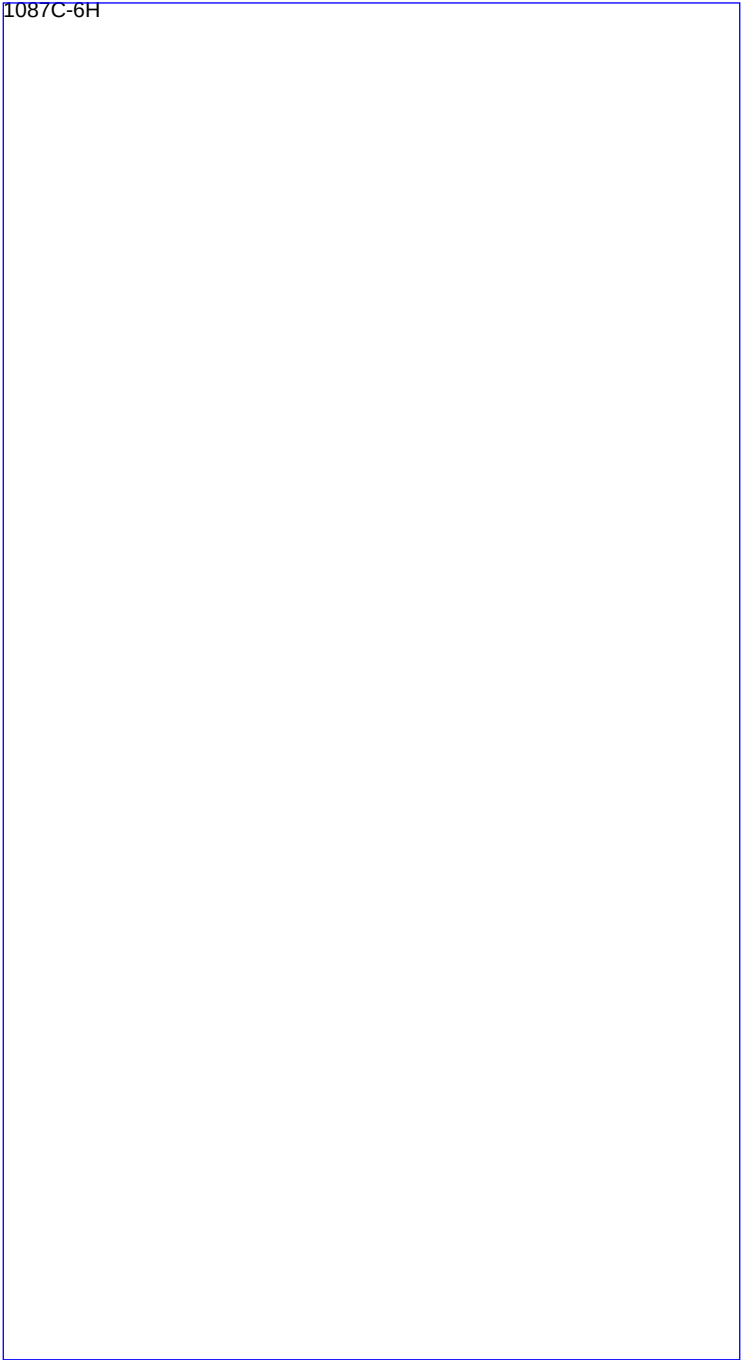
1087C-4H 20.6-30.1 mbsf										
Leg 175 Site 1087 Hole C Core 4H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								ooo	SS	FORAMINIFER-RICH NANNOFOSSIL OOZE, CLAY- AND NANNOFOSSIL-RICH FORAMINIFER OOZE, and FORAMINIFER-NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE in Section 1. Sections 2 and 3 are pale olive (5Y 6/4) CLAY- AND NANNOFOSSIL-RICH FORAMINIFER OOZE. Section 4 to the bottom of the core contain FORAMINIFER-NANNOFOSSIL OOZE varying in color from pale yellow (5Y 7/3) in Sections 4 and 7 to pale olive (5Y 6/4) in Sections 5 and 6. A coarser-grained foraminifer-rich interval occurs in Section 3, 80-150 cm. In Sections 4 and 5, burrows (1cm in diameter) are filled with foraminifer-rich sediment and pyrite.
2									SS	
3									SS	
4									SS	
5									SS	
6										
7										
8										
9										



1087C-5H 30.1-39.6 mbsf										
Leg 175 Site 1087 Hole C Core 5H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE, FORAMINIFER-RICH NANNOFOSSIL OOZE, and FORAMINIFER-NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) FORAMINIFER-BEARING NANNOFOSSIL OOZE in Section 1 and FORAMINIFER-RICH NANNOFOSSIL OOZE in Sections 2 to 4. Sections 5 to the bottom of the core contain light gray (5Y 7/2) FORAMINIFER-NANNOFOSSIL OOZE. A light gray (5Y 7/2) interval occurs in Section 3, 0-115 cm. Burrow traces occur throughout the core and are filled with coarser-grained foraminifers.
2									SS	
3									SS	
4										
5									SS	
6										
7										

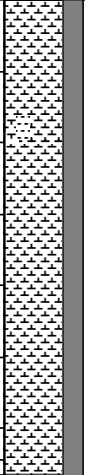


1087C-6H 39.6-49.1 mbsf										
Leg 175 Site 1087 Hole C Core 6H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								SS		FORAMINIFER-RICH NANNOFOSSIL OOZE and CLAY-RICH NANNOFOSSIL-FORAMINIFER OOZE The core consists of pale olive (5Y 6/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Section 5, 0-70 cm, contains olive (5Y 5/3) CLAY-RICH NANNOFOSSIL-FORAMINIFER OOZE.
2										
3										
4										
5										
6										
7										
8										



1087C-7H 49.1-58.6 mbsf										
Leg 175 Site 1087 Hole C Core 7H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. Section 1 to Section 2, 90 cm, Section 3, 40-105 cm, Section 4, 10-105 cm, Section 5, 0-50 cm, Section 5, 125 cm, to Section 6, 90 cm, and Section 7, 50 cm, to the end of the core are pale olive (5Y 6/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Section 2, 90 cm, to Section 3, 40 cm, Section 3, 105 cm, to Section 4, 10 cm, Section 4, 105-150 cm, and Section 7, 0-50 cm, are olive (5Y 5/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Section 5, 50-125 cm, and Section 6, 90-150 cm, are light olive gray (5Y 7/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE.
2									SS	
3									SS	
4									SS	
5									SS	
6									SS	
7									SS	
8									SS	
9									SS	
10									SS	



1087C-8H 58.6-68.1 mbsf									
Leg 175 Site 1087 Hole C Core 8H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION									
1	1								SS
2	2								SS
3	3								
4	4								
5	5								
6	6								
7	7								
8	8								
9	9								
10	10								

FORAMINIFER-BEARING NANNOFOSSIL OOZE, FORAMINIFER- AND CLAY-RICH NANNOFOSSIL OOZE, and NANNOFOSSIL OOZE

The core consists of FORAMINIFER-BEARING NANNOFOSSIL OOZE, FORAMINIFER- AND CLAY-RICH NANNOFOSSIL OOZE, and NANNOFOSSIL OOZE. Section 1, Section 2, 0-90 cm, Section 3, Section 4, 70-150 cm, and Section 7, 35-70 cm, are pale olive (5Y 6/3) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Section 2, 90-150 cm, is olive (5Y 5/2) FORAMINIFER- AND CLAY-RICH NANNOFOSSIL OOZE. Section 4, 0-70 cm, and Section 5 to Section 7, 35 cm, are light olive gray (5Y 6/1) NANNOFOSSIL OOZE.

1087C-8H

1087C-9H 68.1-77.6 mbsf										
Leg 175 Site 1087 Hole C Core 9H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE, FORAMINIFER-RICH NANNOFOSSIL OOZE, and CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light olive gray (5Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE in Sections 1 to 4. Sections 5 and 6 contain light gray (5Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Section 7 and the core catcher contain olive (5Y 5/3) CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE.
2										
3										
4										
5									SS	
6										
7									SS	

1087C-9H

1087C-11H 87.1-96.6 mbsf										
Leg 175 Site 1087 Hole C Core 11H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of light greenish gray (10 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE with intervals of pale olive (5Y 6/3) NANNOFOSSIL OOZE in Section 1, 0 cm, to Section 1, 140 cm, Section 3, 110 cm, to Section 4, 40 cm, and Section 5, 10 cm, to Section 6, 30 cm. Pyrite blebs which are 1-2 mm in diameter are disseminated throughout the core.
2									SS	
3										
4										
5									SS	
6										
7										
8										
9										
10										



1087C-12H 96.6-106.1 mbsf										
Leg 175 Site 1087 Hole C Core 12H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. A pale olive interval extends from Section 1, 145 cm, to Section 2, 50 cm. Pyrite blebs, 1-2 mm in diameter, are disseminated throughout the core. With this core a new world record for total recovery has been broken!!!! Thanks to all who worked hard to make this happen.
2									SS	
3										
4										
5										
6									SS	
7										
8										

1087C-12H

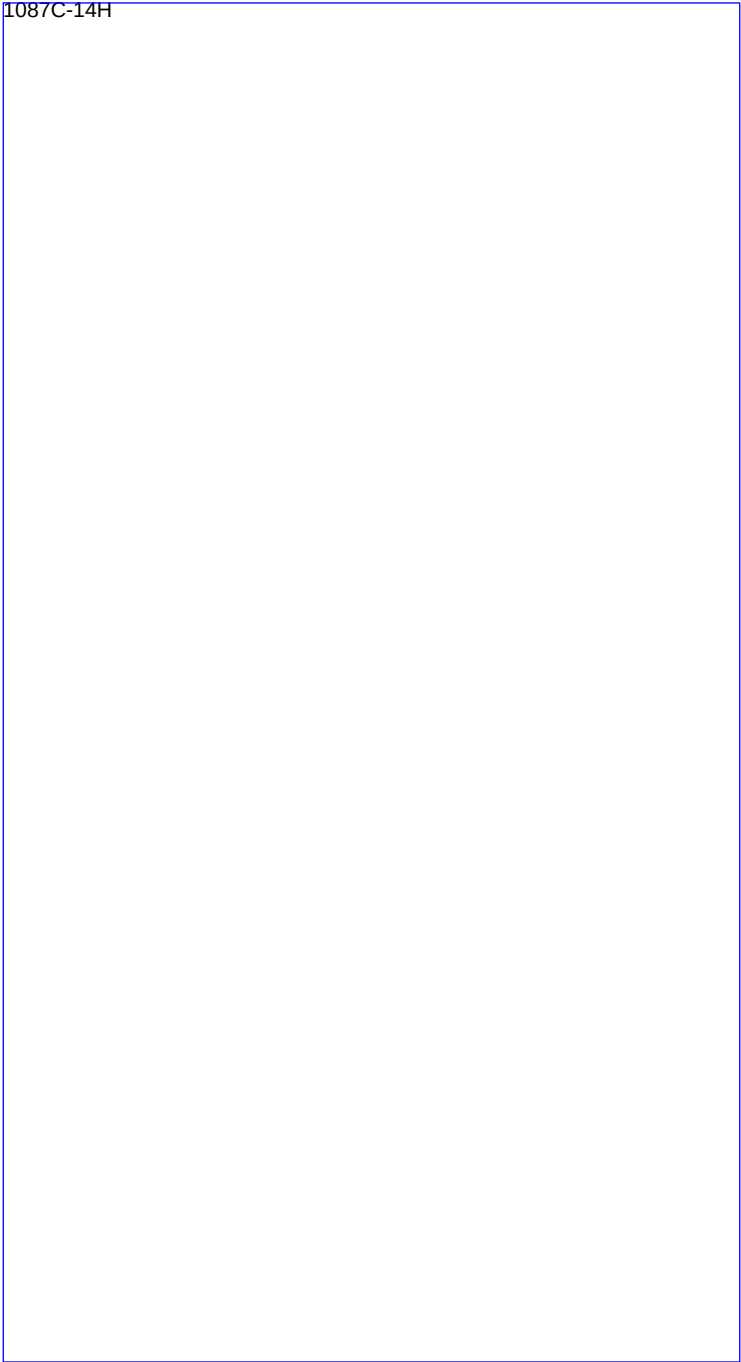
1087C-13H 106.1-115.6 mbsf										
Leg 175 Site 1087 Hole C Core 13H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pyrite blebs, 1-2 mm in diameter, are disseminated throughout the core.
2									SS	
3										
4										
5										
6										
7										
8										
9										
10										

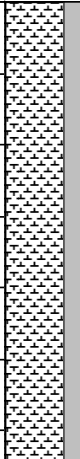
1087C-13H

1087C-14H 115.6-125.1 mbsf									
Leg 175 Site 1087 Hole C Core 14H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION									
1									
2									SS
3									
4									
5									SS
6									
7									
8									
9									
10									

FORAMINIFER-RICH NANNOFOSSIL OOZE

The core consists of light greenish gray (10Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Pyrite blebs which are 1-2 mm in diameter are disseminated throughout the core. Burrows range in diameter from 1-2 cm. Larger grayish green burrows are infilled with high pyrite content.



1087C-15H 125.1-134.6 mbsf										
Leg 175 Site 1087 Hole C Core 15H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of intercalated intervals of light greenish gray (10Y 7/2) and pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE. Pyrite blebs, 1-2 mm in diameter, are disseminated throughout the core. Burrows range in thickness from 1-2 cm. Larger burrows are grayish green and filled with pyrite-rich sediment.
2									SS	
3										
4										
5									SS	
6										
7										

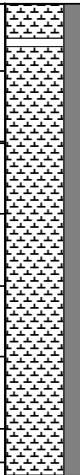


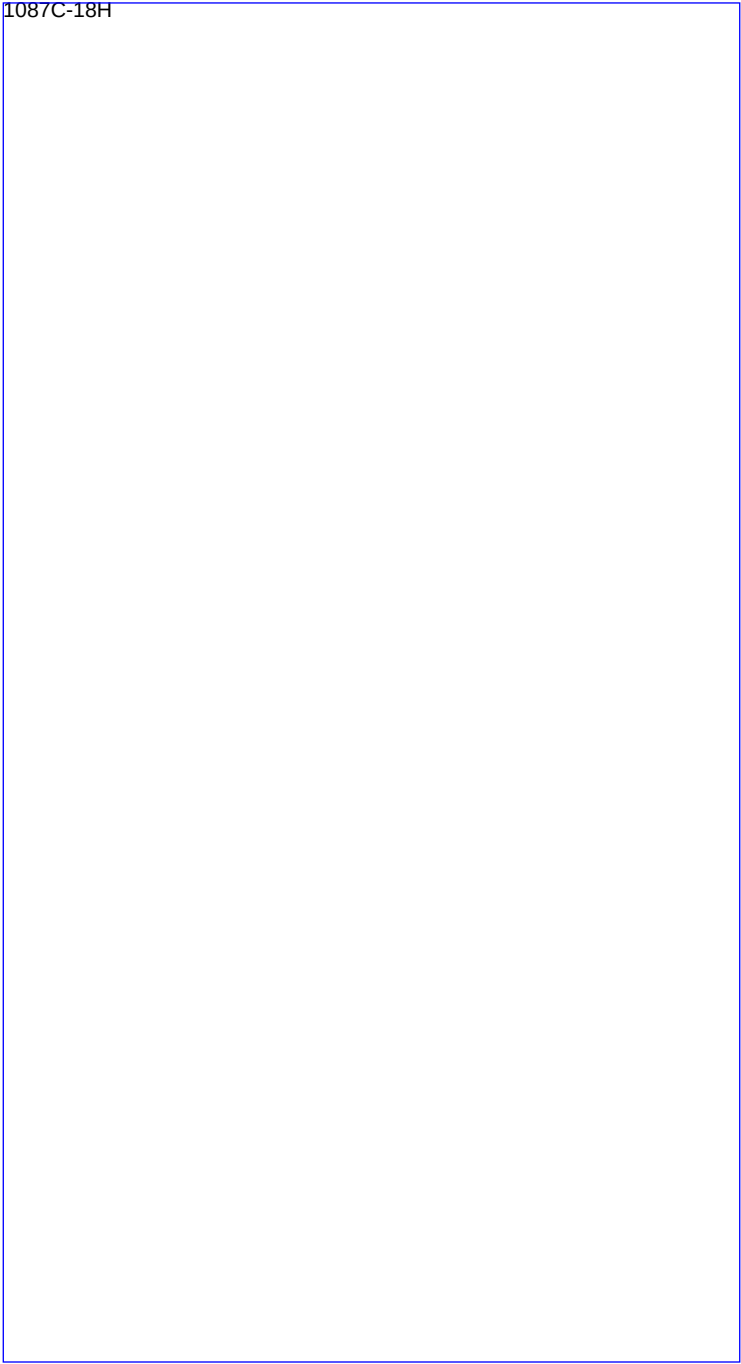
1087C-16H 134.6-144.1 mbsf										
Leg 175 Site 1087 Hole C Core 16H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 6/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. A pale olive interval (5Y 6/3) extends from Section 4, 50 cm, to Section 6, 10 cm. Pyrite blebs which are 1-2 mm in diameter occur throughout the core. A 2 mm thick, wispy lamina composed of broken shell fragments is present within Section 3, 30 cm.
2									SS	
3										
4										
5									SS	
6										
7										

1087C-16H

1087C-17H 144.1-153.6 mbsf										
Leg 175 Site 1087 Hole C Core 17H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~	SS	FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. A pale olive (5Y 6/3) interval extends from Section 1, 120 cm, to Section 3, 30 cm. Pyrite blebs which are 1-2 mm in diameter are present disseminated throughout the core.
2										
3										
4										
5										
6										
7										
									SS	

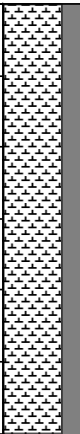


1087C-18H 153.6-163.1 mbsf										
Leg 175 Site 1087 Hole C Core 18H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~		NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) NANNOFOSSIL OOZE. Pyrite blebs which are 1-2 mm in diameter occur disseminated throughout the core. Burrows range in diameter from 1-2 cm.
2								— SS		
3										
4										
5										
6										
7									— SS	
8								~		



1087C-19H 163.1-172.6 mbsf										
Leg 175 Site 1087 Hole C Core 19H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of bioturbated light greenish gray (10Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE. Several pale olive (5Y 6/3) intervals occur in Section 2, 120 cm, to Section 4, 60 cm, and Section 6, 130 cm, to Section 8, 30 cm. Smear slide analyses indicates the frequent abundance of silt-sized apatite grains within these intervals.
2									SS	
3										
4										
5										
6										
7										
8									SS	



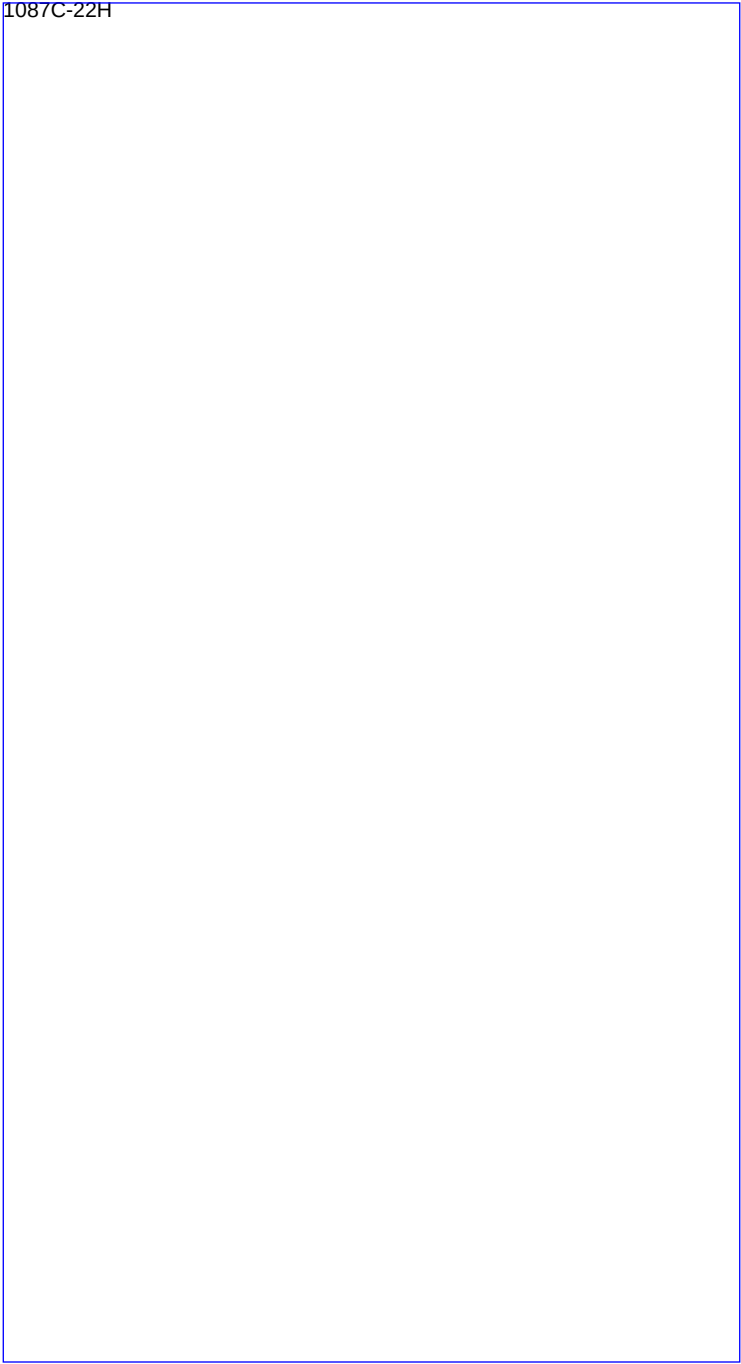
1087C-20H 172.6-182.1 mbsf											
Leg 175 Site 1087 Hole C Core 20H											
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION	
1								↗↘		CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 6/2) CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pale olive (5Y 6/3) intervals occur in Section 2, 120 cm, to Section 4, 60 cm, and Section 6, 131 cm, to Section 8, 30 cm. Smear slide analysis indicates the presence of authigenic apatite grains within these intervals.	
2									— SS		
3											
4											
5											
6											
7											
8									↕		— SS

1087C-20H

1087C-21H 182.1-191.6 mbsf										
Leg 175 Site 1087 Hole C Core 21H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 6/2) NANNOFOSSIL OOZE. A pale olive (5Y 6/2) interval occurs in Section 4, 70-138 cm.
2									SS	
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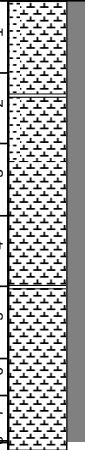


1087C-22H 191.6-201.1 mbsf										
Leg 175 Site 1087 Hole C Core 22H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								~		NANNOFOSSIL OOZE and CLAY-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 6/2) NANNOFOSSIL OOZE and CLAY-RICH NANNOFOSSIL OOZE. An olive (5Y 5/3) interval, containing authigenic apatite grains, occurs in Section 4, 40-130 cm.
2									SS	
3										
4										
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6										
7								↕		



1087C-23H 201.1-210.6 mbsf										
Leg 175 Site 1087 Hole C Core 23H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE with intervals of light olive gray (5Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE (Section 2, 30 cm, to Section 2, 70 cm, and Section 6, 10 cm, to Section 6, 60 cm).
2									SS	
3										
4										
5										
6										
7										
8									SS	
9										
10										

1087C-23H

1087C-24H 210.6-220.1 mbsf										
Leg 175 Site 1087 Hole C Core 24H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1								↕		CLAY-RICH FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/1) CLAY-RICH FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. Olive (5Y 5/3) intervals occur in Section 2, 5-15 cm, and 62-84 cm. Color changes occur over 15 to 30 cm.
2								↕	SS	
3								↕		
4										
5									SS	
6										
7								↕		

1087C-24H

1087C-25H 220.1-229.6 mbsf									
Leg 175 Site 1087 Hole C Core 25H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION									
1									
2									
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8									
9									
10									

NANNOFOSSIL OOZE

The core consists of light greenish gray (10Y 7/1) NANNOFOSSIL OOZE. Olive (5Y 5/3) intervals, containing authigenic apatite grains, occur in Section 1, 20-65 cm, Section 3, 0-70 cm, and Section 5, 40-60 cm.

SS

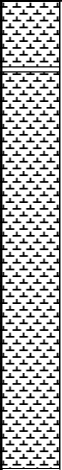
SS

IW



1087C-27H 239.1-248.6 mbsf										
Leg 175 Site 1087 Hole C Core 27H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of very light greenish gray (10Y 8/1) NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. Olive (5Y 6/2) intervals occur in Section 1, 0-18 cm, Section 3, 13-18 cm, and Section 4, 53-90 cm. Banding occurs in Section 2, 50-125 cm. varying in Band dimensions vary from 0.5-3 cm in thickness. No compositional differences occur between bands.
2									SS	
3									SS	
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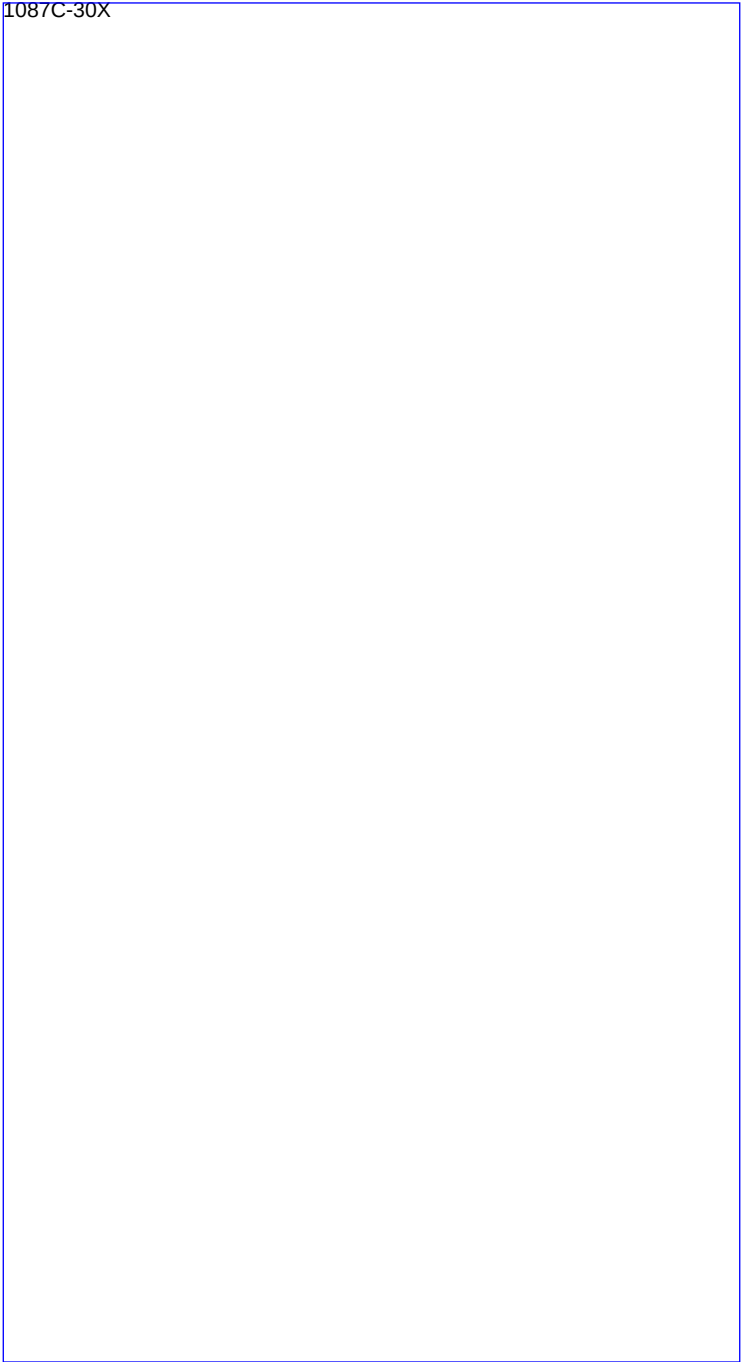
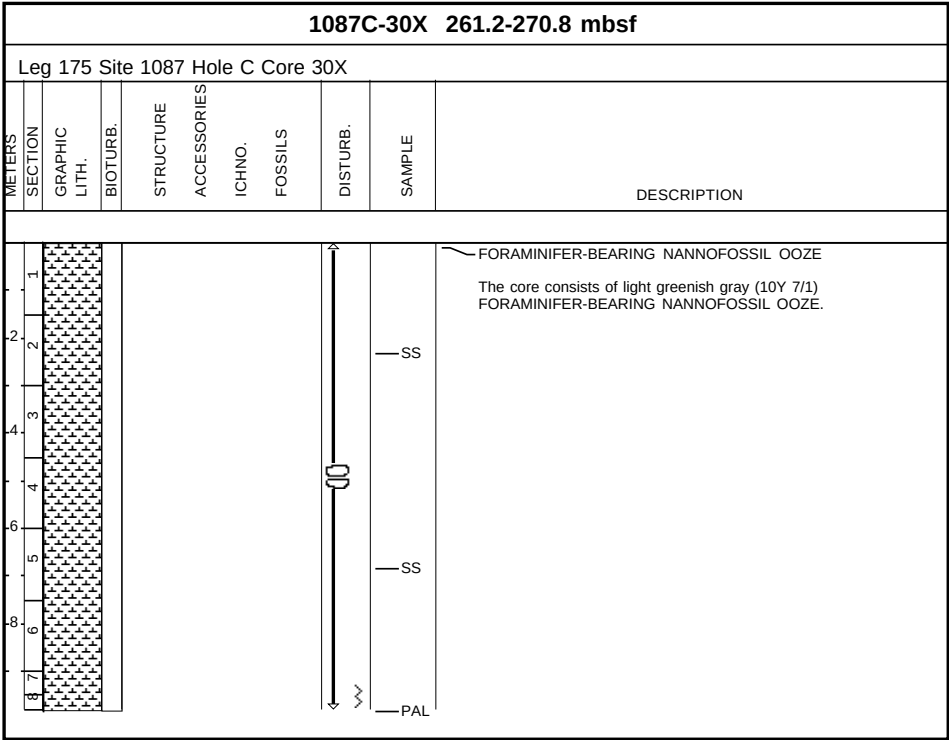
1087C-27H

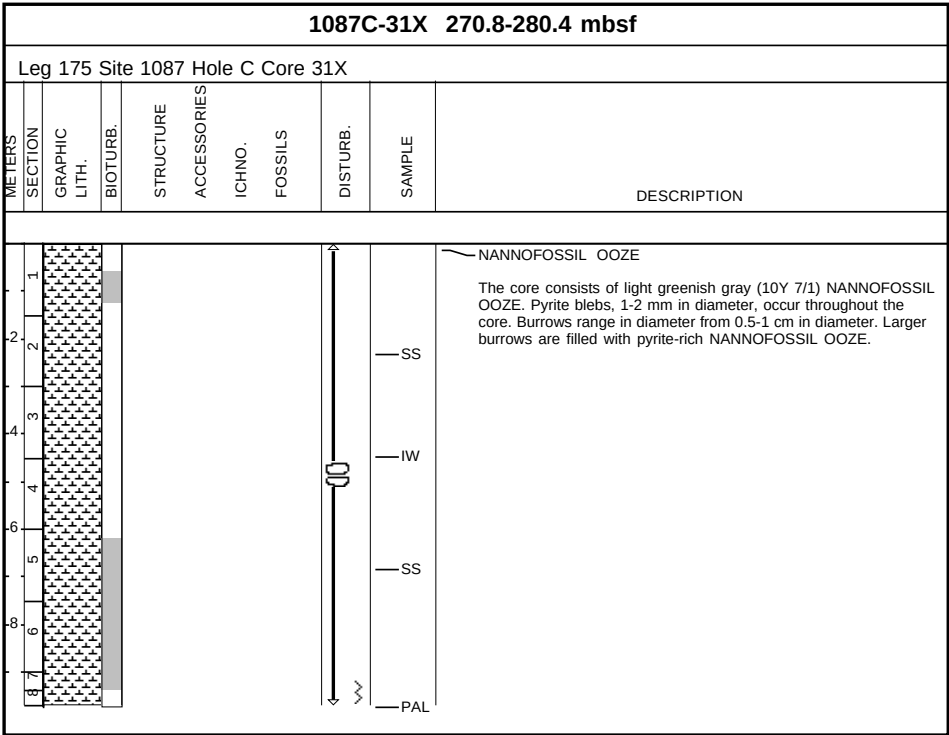
1087C-28X 248.6-254.9 mbsf										
Leg 175 Site 1087 Hole C Core 28X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of very light greenish gray (10Y 8/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE. — SS — IW — SS — PAL
2										
3										
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6										
7										
8										

1087C-28X

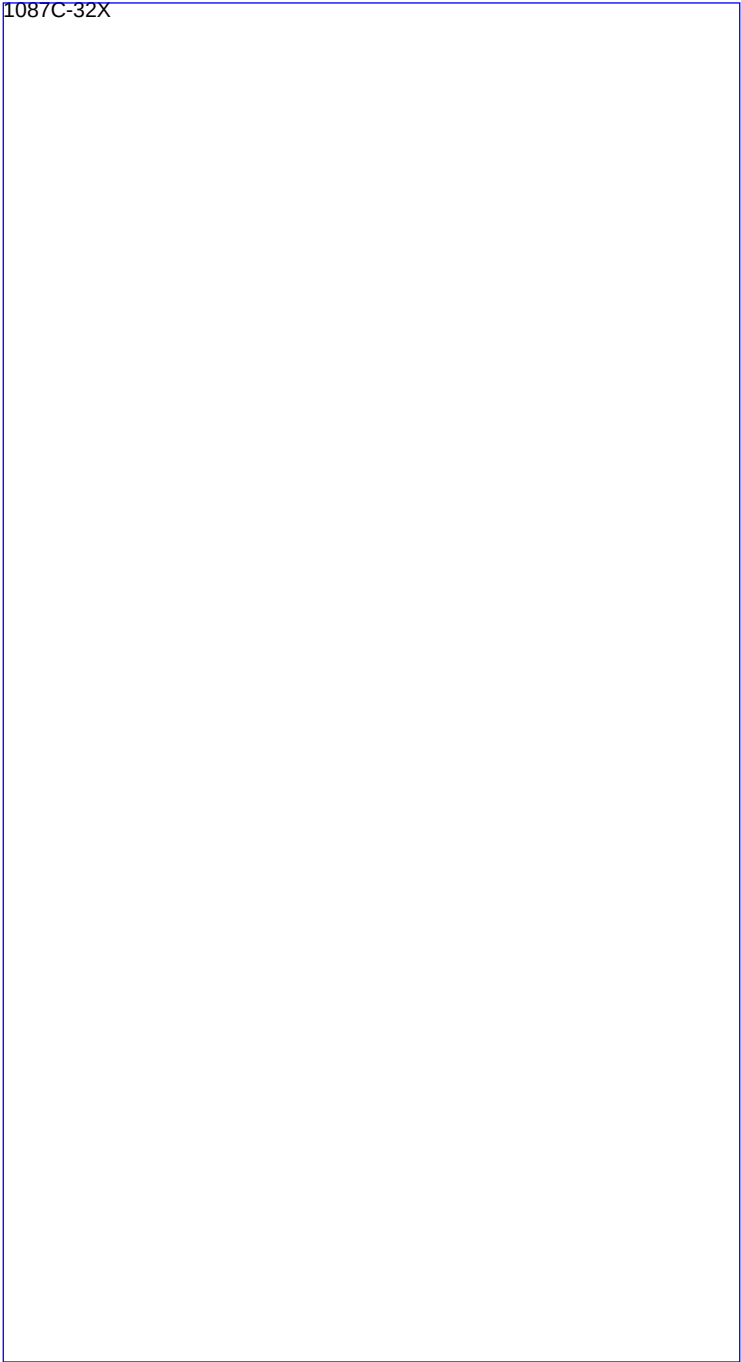
1087C-29X 254.9-261.2 mbsf										
Leg 175 Site 1087 Hole C Core 29X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										CLAYEY NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 8/1) CLAYEY NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. SS SS PAL
2										
3										
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5										
6										
6										

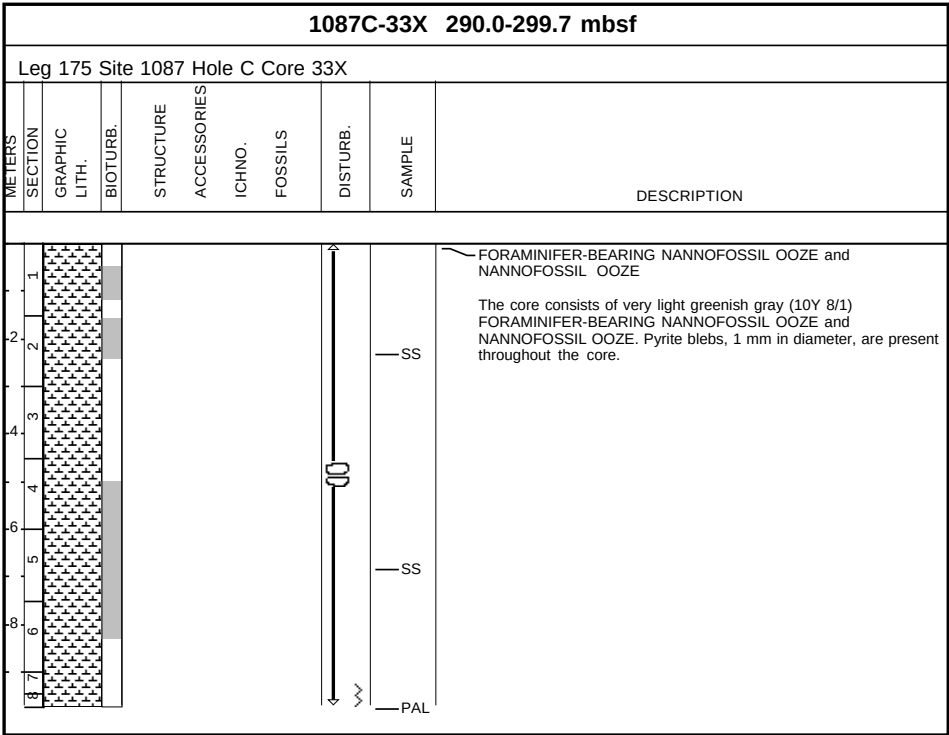
1087C-29X

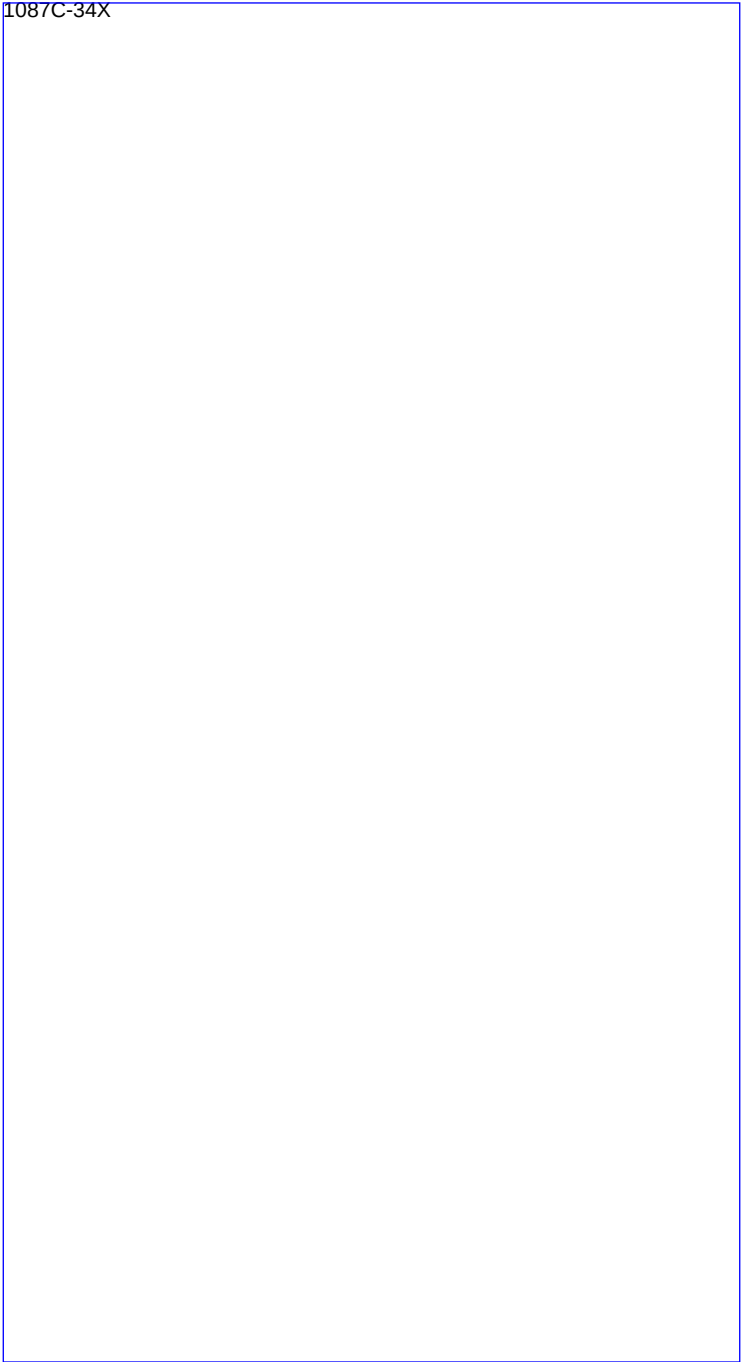
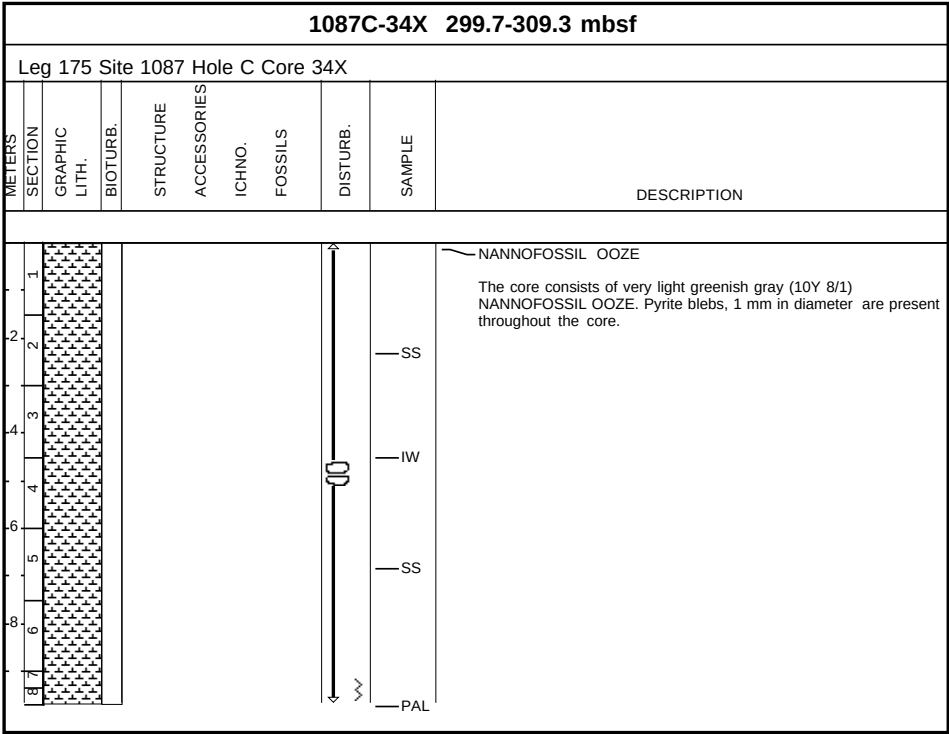


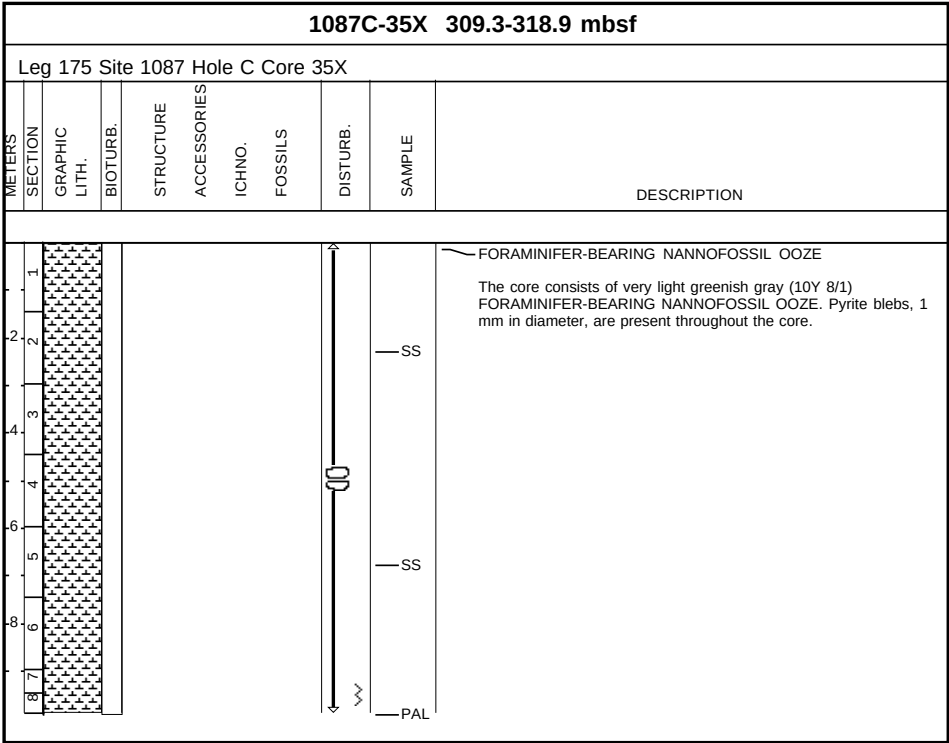


1087C-32X 280.4-290.0 mbsf									
Leg 175 Site 1087 Hole C Core 32X									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	DESCRIPTION
1									NANNOFOSSIL OOZE The core consists of a light greenish gray (10Y 7/1) NANNOFOSSIL OOZE. A darker light greenish gray (10Y 7/2) interval extends from Section 5, 25 cm, to Section 5, 55 cm. This interval contains rare, rounded, fine silt-sized grains of authigenic apatite. Pyrite blebs, 1 mm in diameter, are present disseminated throughout the core. SS SS PAL
2									
3									
4									
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8									

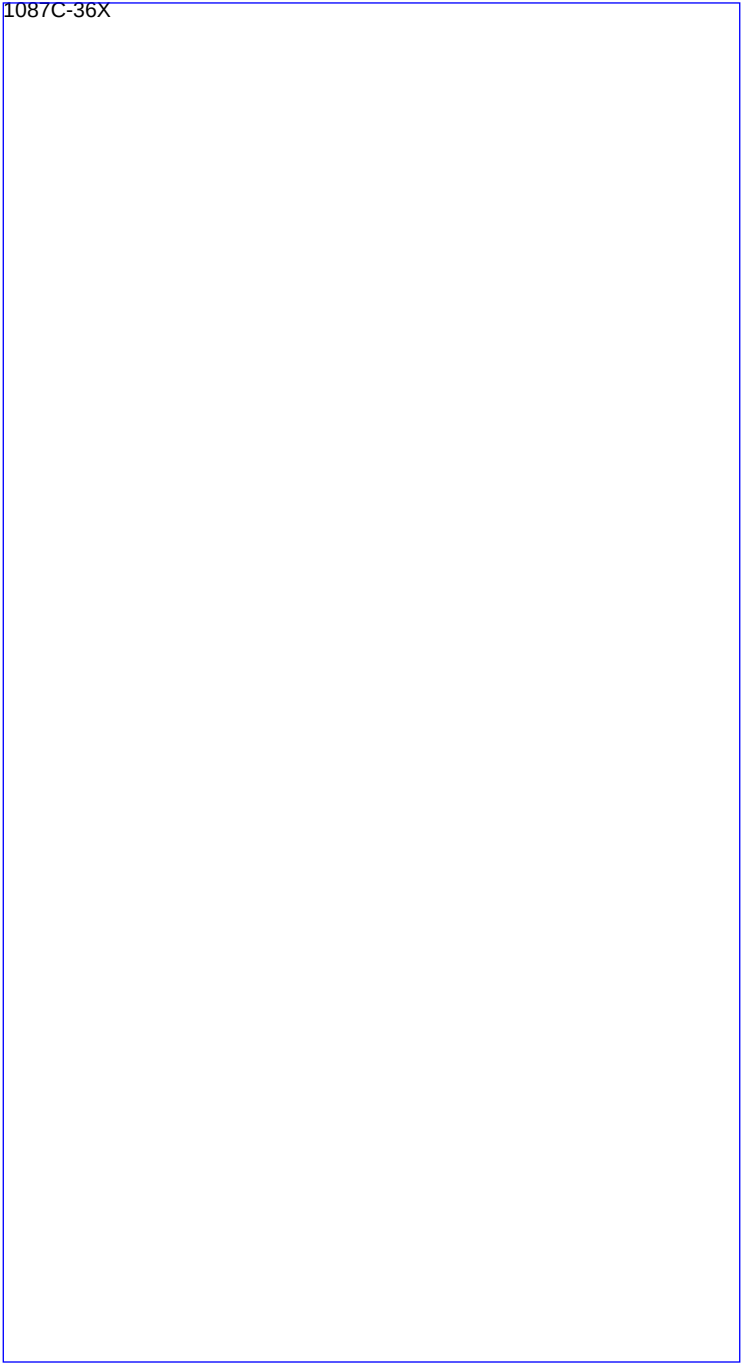


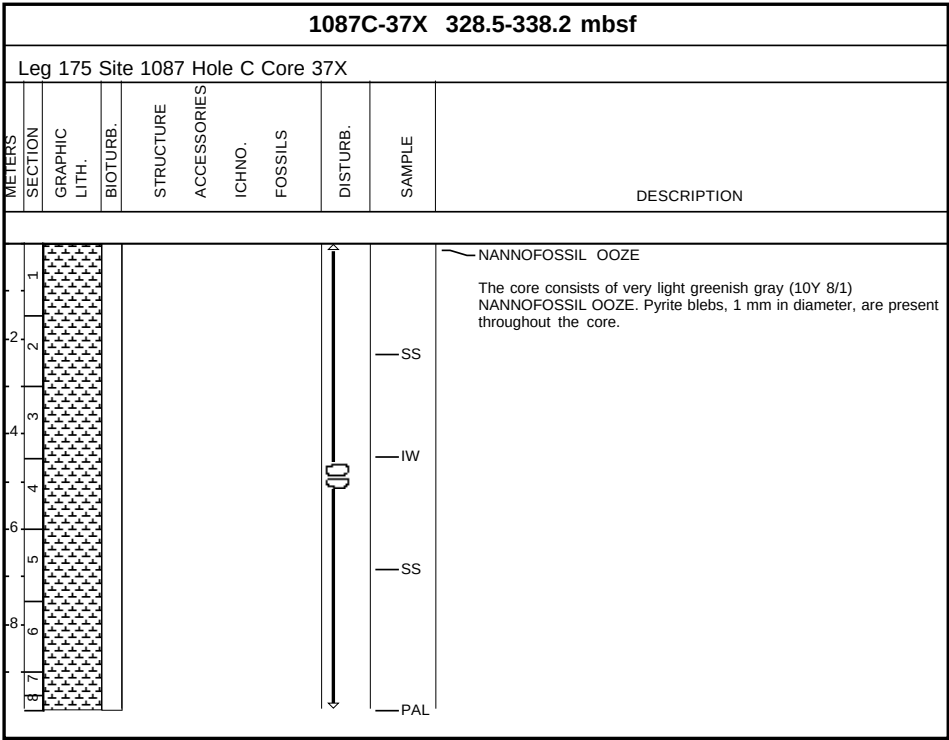


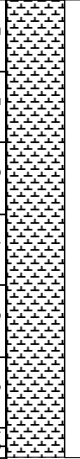




1087C-36X 318.9-328.5 mbsf										
Leg 175 Site 1087 Hole C Core 36X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of very light greenish gray (10Y 8/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pyrite blebs, 1 mm in diameter, are present throughout the sediments. SS SS PAL
2										
3										
4										
5										
6										
7										
8										



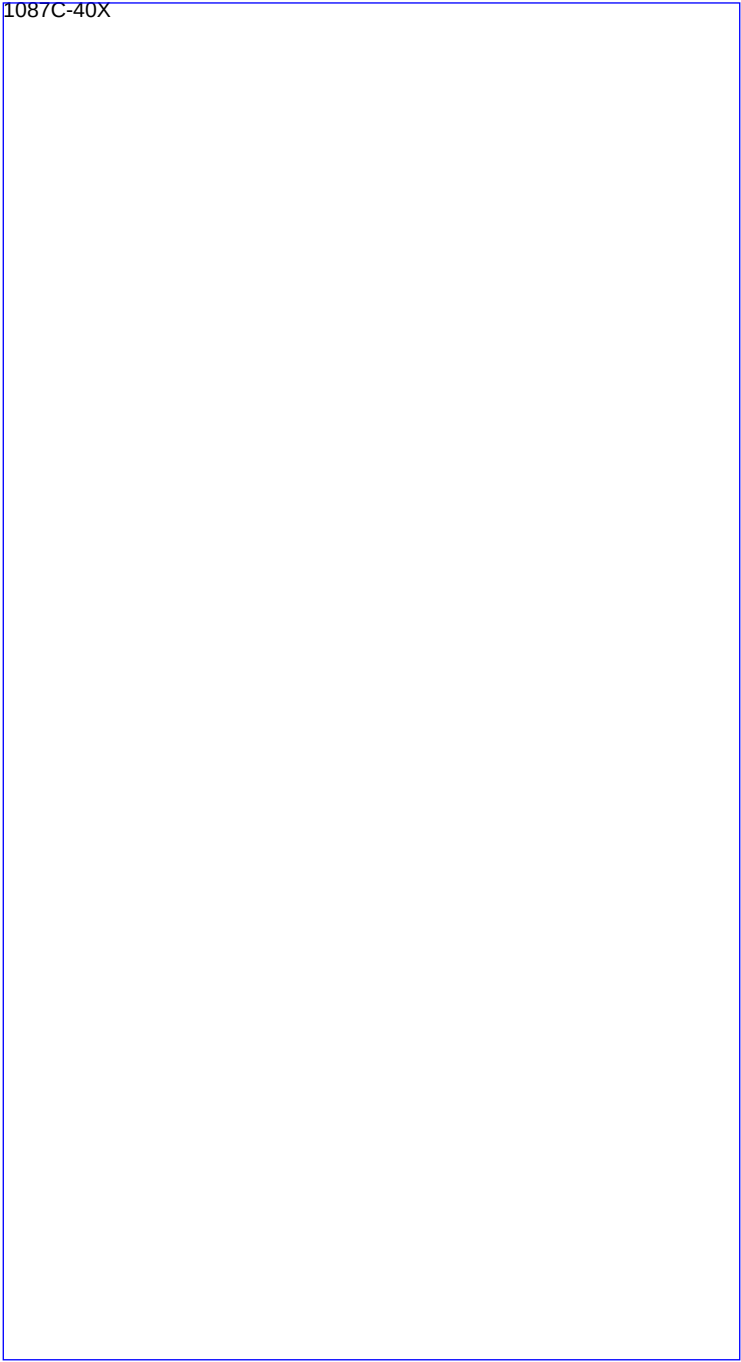
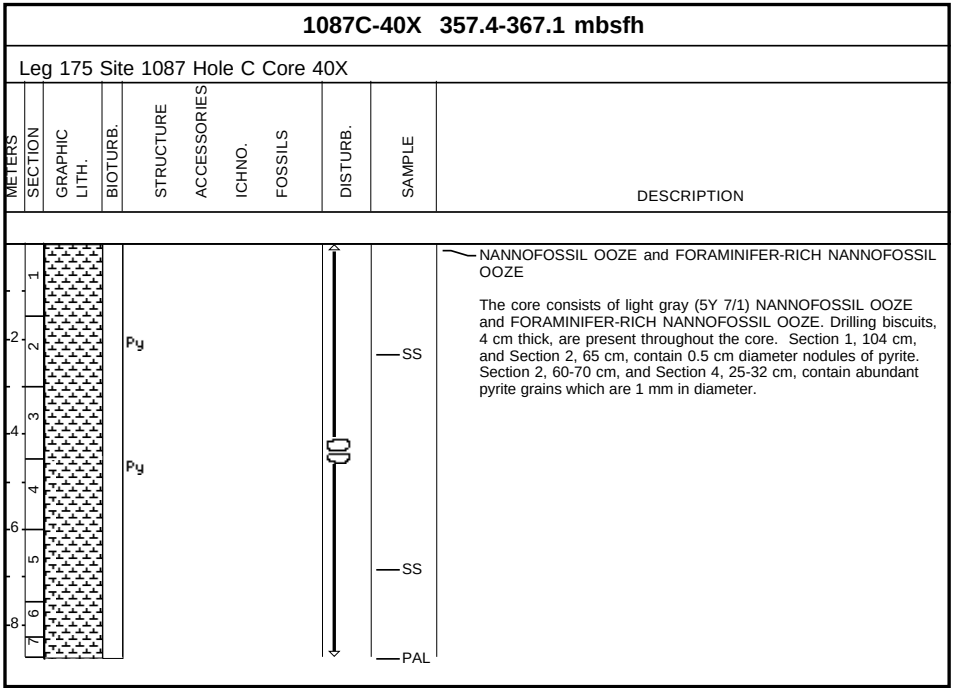


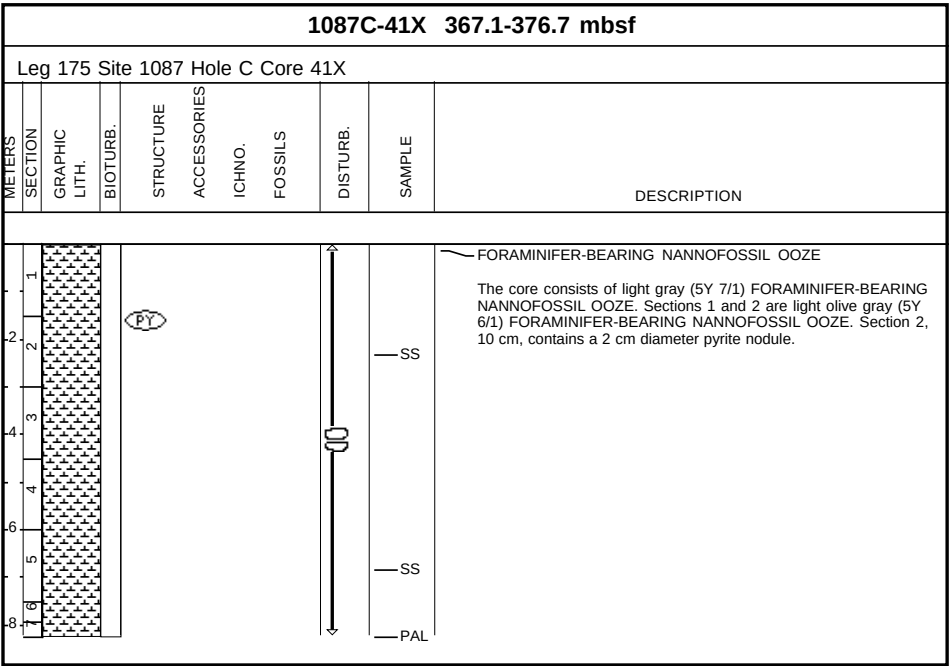
1087C-38X 338.2-347.8 mbsf									
Leg 175 Site 1087 Hole C Core 38X									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	DESCRIPTION
1 2 3 4 5 6 7									NANNOFOSSIL OOZE The core consists of very light greenish gray (10Y 8/1) NANNOFOSSIL OOZE. Pyrite blebs, 1 mm in diameter are present throughout the core. SS SS PAL

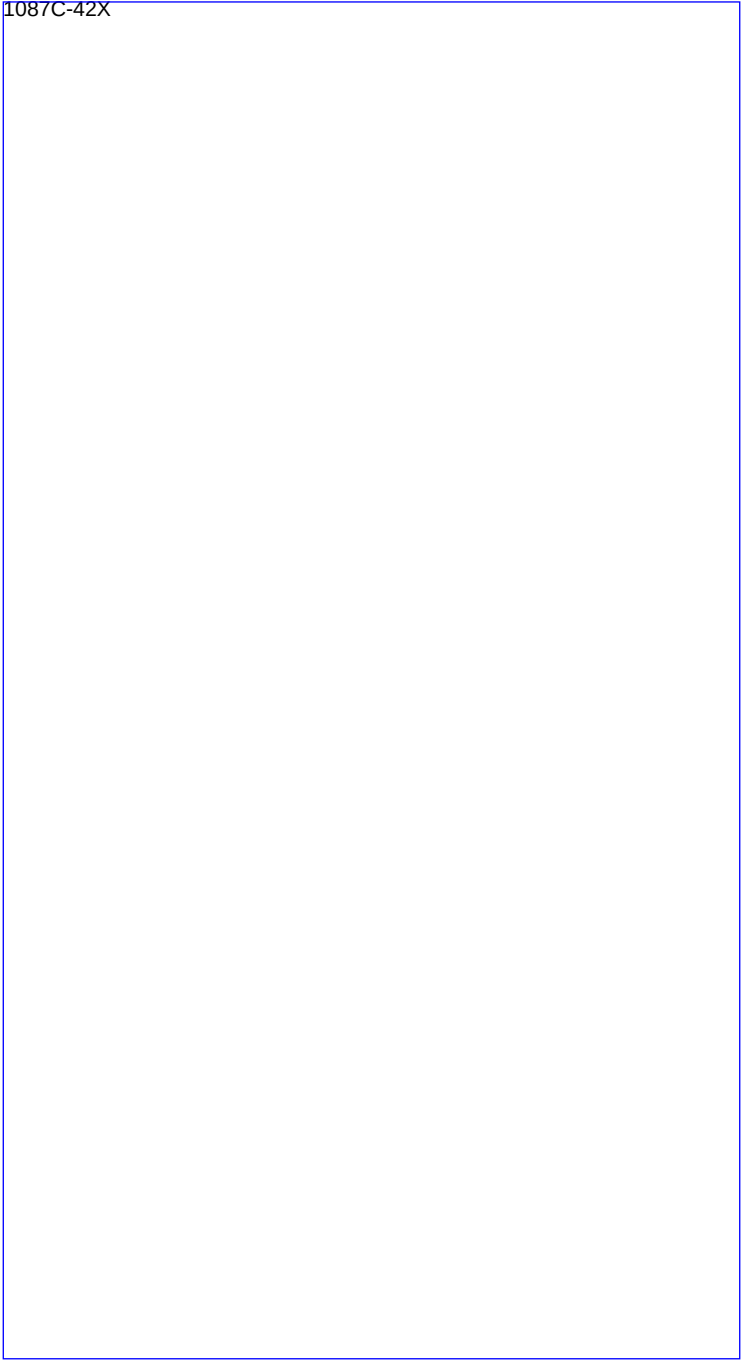
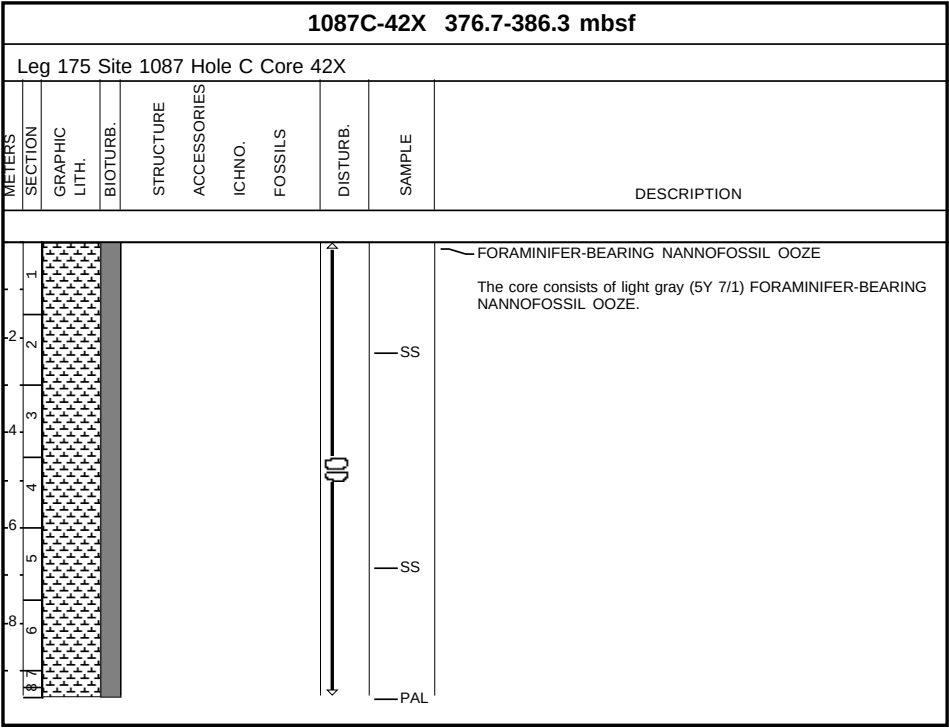
1087C-38X

1087C-39X 347.8-357.4 mbsf										
Leg 175 Site 1087 Hole C Core 39X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 8/1) NANNOFOSSIL OOZE.
2									SS	
3										
4										
5									SS	
6										
7										
8									PAL	

1087C-39X

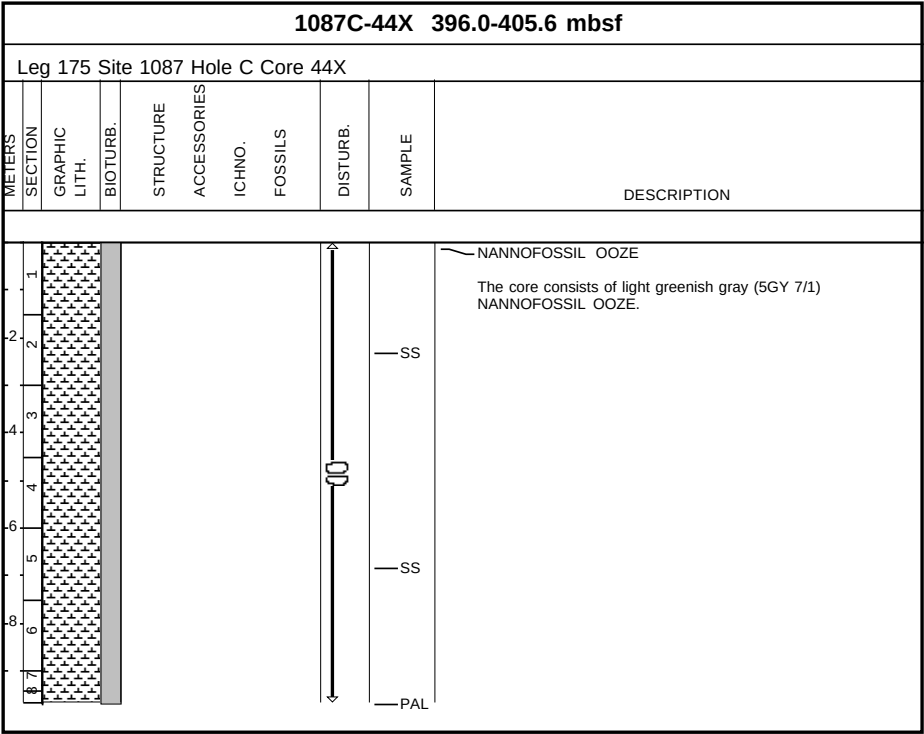




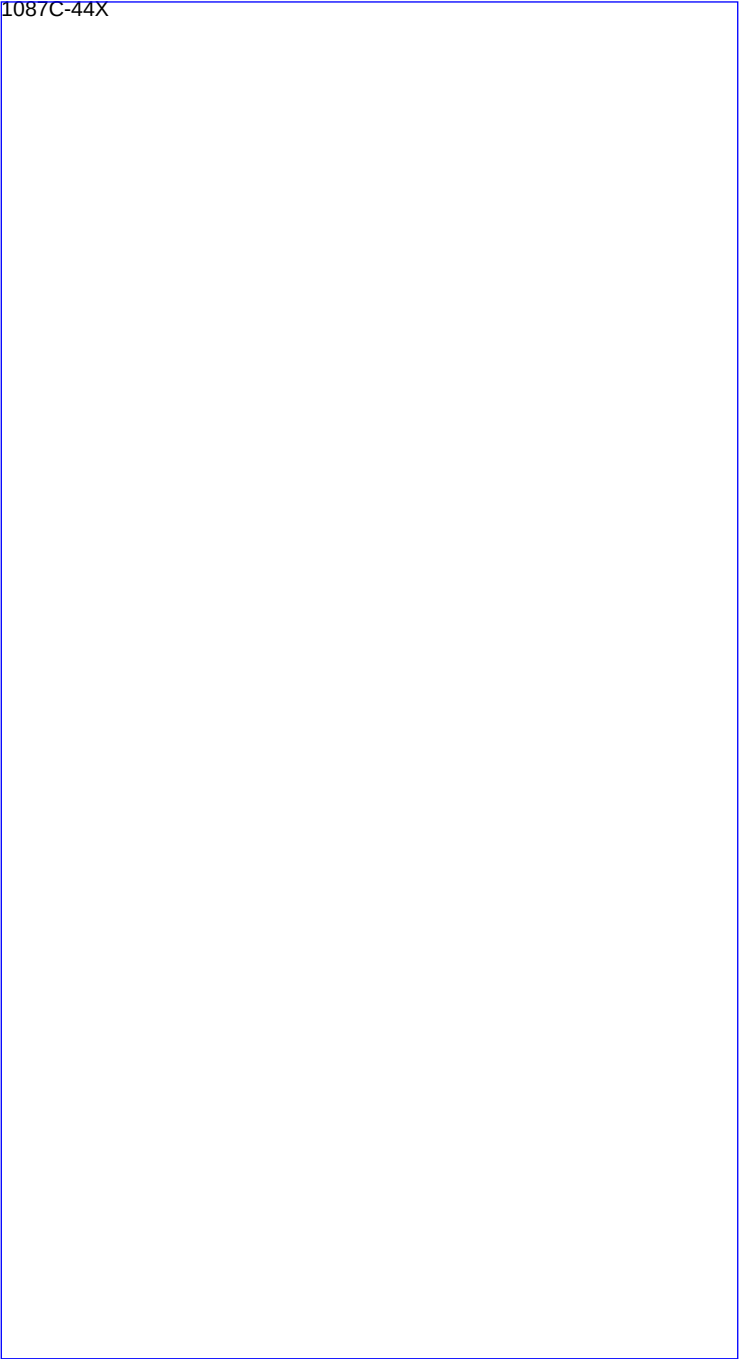


1087C-43X 386.3-396.0 mbsf										
Leg 175 Site 1087 Hole C Core 43X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light greenish gray (5GY 7/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Pyrite blebs, up to 2 mm in diameter, and small burrows, ranging from 1 mm to 0.5 cm, are observed throughout the core.
2									SS	
3									IW	
4										
5									SS	
6										
7									PAL	

1087C-43X



1087C-45X NO RECOVERY



1087C-46X 415.2-424.8 mbsf										
Leg 175 Site 1087 Hole C Core 46X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL OOZE The core consists of drilling of light greenish gray (5GY 7/1) NANNOFOSSIL OOZE. A laminated interval occurs in Section 6, 136-140 cm, though no lithologic change is observed between the light greenish gray and the pale green laminae.
2									SS	
3									IW	
4										
5									SS	
6										
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8										
9										
10									PAL	

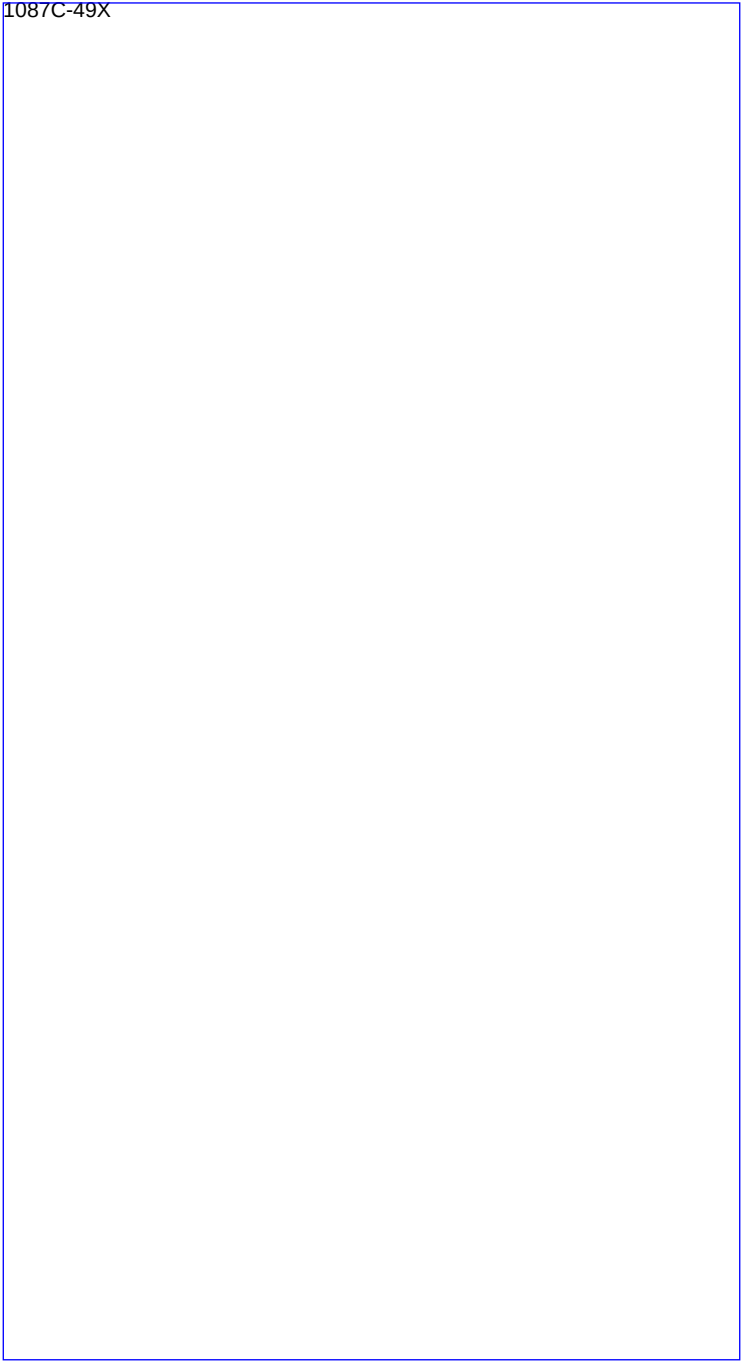
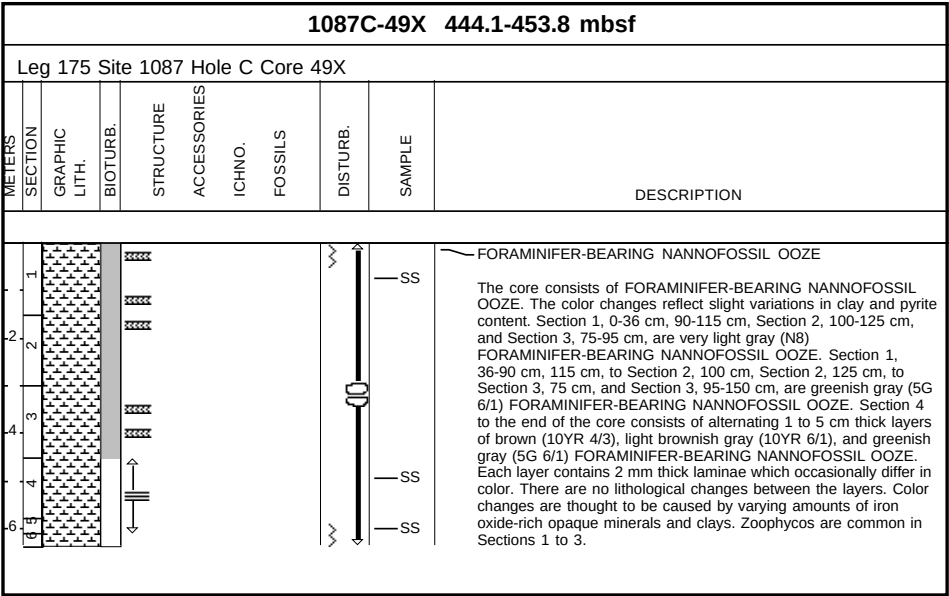
1087C-46X

1087C-47X 424.8-434.5 mbsf										
Leg 175 Site 1087 Hole C Core 47X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of greenish gray (5G 6/1), gray (5G 5/1), light greenish gray (5G 7/1) NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE. The color changes reflect slight variations in clay and pyrite content. Section 1 below 66 cm, and the whole of Section 2 consist almost completely of drill mud. A large pyrite concretion occurs in Section 3, 124-130 cm. All of Section 4 consists of light greenish gray and greenish gray laminae of NANNOFOSSIL OOZE. The upper 65 cm of Section 5 contain laminated, microfaulted, and distorted NANNOFOSSIL OOZE. An abrupt color change from greenish gray (5Y 5/1) to light gray (5Y 7/1) occurs in Section 5, 87 cm. Below the sediment changes from light gray to pinkish gray to greenish gray. In Section 6, 24 cm, another sharp color change occurs from greenish gray (5Y 5/1) to light gray (5Y 7/1).
2										
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1087C-47X

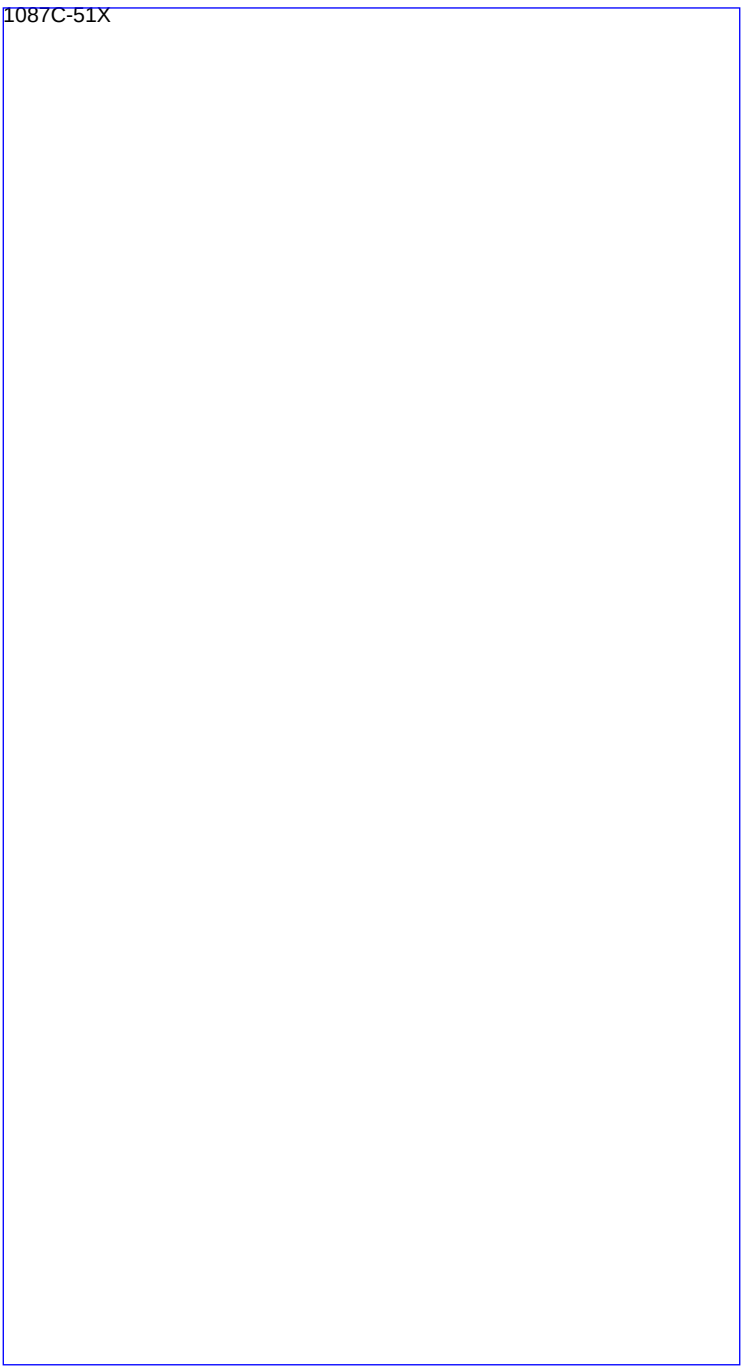
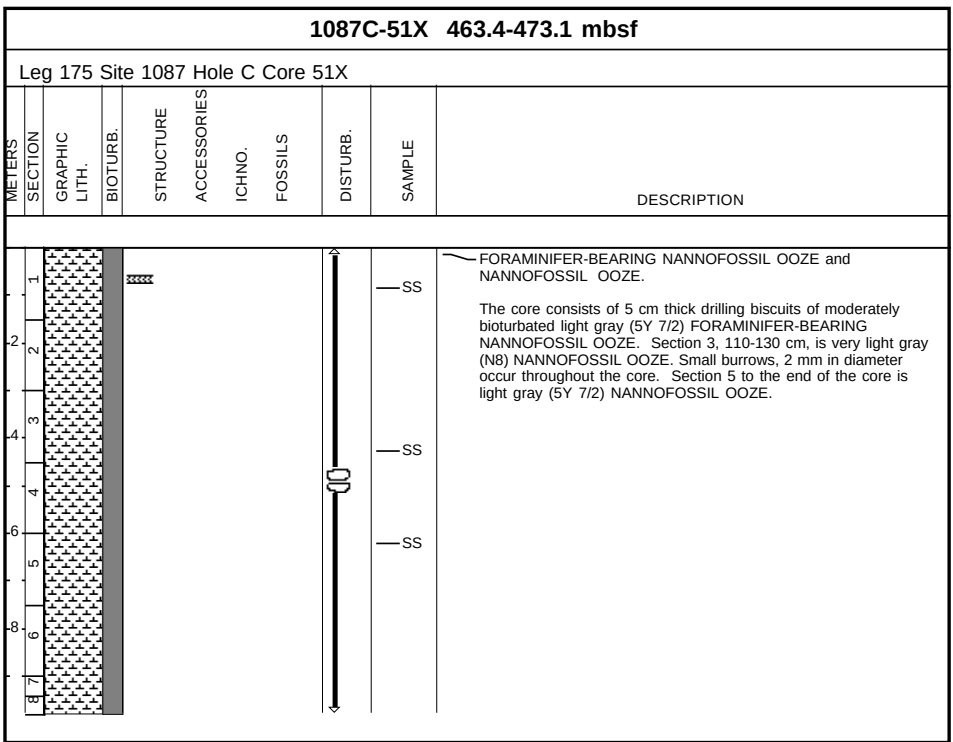
1087C-48X 434.5-444.1 mbsf										
Leg 175 Site 1087 Hole C Core 48X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										NANNOFOSSIL OOZE The core consists of of NANNOFOSSIL OOZE. The color changes reflect slight variations in clay and pyrite content. Section 1, Section 2, 30-140 cm, Section 3, 100-150 cm, Section 4, 100-125 cm, Section 5, 0-40 cm, 60-127 cm, and Section 6 to the end of the core contain alternating layers approximately 2 to 10 cm thick of greenish gray (5G 6/1) and light brownish gray (10YR 6/1) NANNOFOSSIL OOZE. Section 2, 0-30 cm, Section 2, 140 cm, to Section 3, 30 cm, Section 4, 0-30 cm, 60-100 cm, 125-150 cm, Section 5, 40-60 cm, 127-150 cm are very light gray (N8) NANNOFOSSIL OOZE. Section 3, 30-100 cm, and Section 4, 30-60 cm, are light brownish gray (10YR 6/1) NANNOFOSSIL OOZE.
2									SS	
3									SS	
4										
5									SS	
6										
7									PAL	

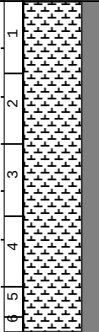
1087C-48X



1087C-50X 453.8-463.4 mbsf										
Leg 175 Site 1087 Hole C Core 50X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists FORAMINIFER-BEARING NANNOFOSSIL OOZE. Section 1 is light greenish gray (5G 8/1). Section 1, 0-25 cm, is disturbed but contains nodules of pyrite ranging from 1 to 10 cm in diameter and may have originally been one nodule prior to cutting. The nodules are surrounded by a 1 cm thick layer of brown (10YR 4/3) iron-oxide rich FORAMINIFER-BEARING NANNOFOSSIL OOZE. Section 1, 25-60 cm, and Section 0-40 cm, contain 1 mm thick laminae of FORAMINIFER-BEARING NANNOFOSSIL OOZE. In Section 1, 40-44 cm, the laminae are convolutedly layered. Section 2 to the end of the core is light olive gray (5Y 5/1) FORAMINIFER-RICH NANNOFOSSIL OOZE.
2									SS	
3									SS	
4									PAL	

1087C-50X

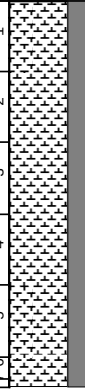


1087C-52X 473.1-482.7 mbsf										
Leg 175 Site 1087 Hole C Core 52X										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4 5 6									SS SS IW PAL	FORAMINIFER-BEARING NANNOFOSSIL OOZE and NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Section 2, 15-25 cm, 75-85 cm, 110-115 cm, Section 3, 20-25 cm, and Section 4, 40-50 cm, 55-60 cm, 108-125 cm, are light brownish gray (10YR 6/3) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Section 2, 95-105 cm, is very light gray (N8) NANNOFOSSIL OOZE.



1087D-1H 72.5-82.0 mbsf									
Leg 175 Site 1087 Hole D Core 1H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	SAMPLE	DESCRIPTION
1									CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of olive (5Y 5/3) CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE and pale yellow (5Y 7/3) FORAMINIFER-RICH NANNOFOSSIL OOZE.
2								SS	
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7								SS	
8									
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10									



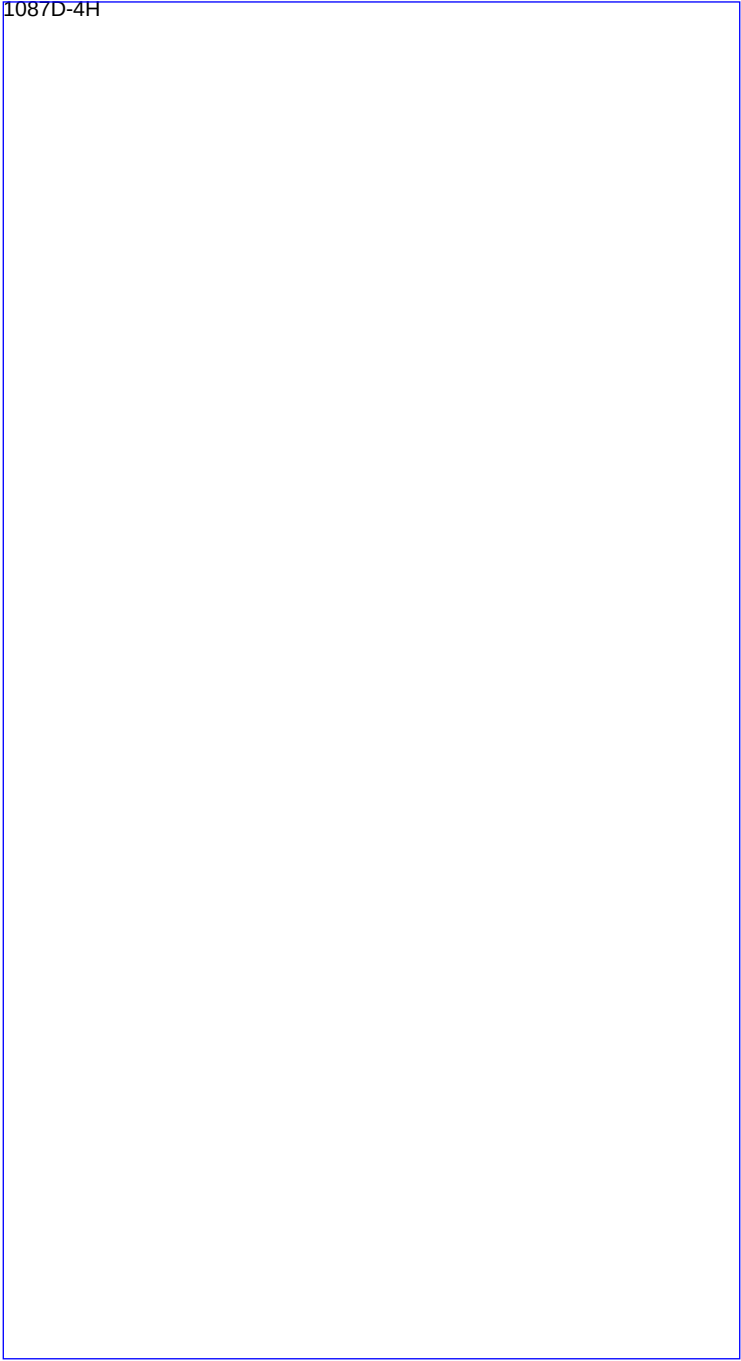
1087D-2H 82.0-91.5 mbsf										
Leg 175 Site 1087 Hole D Core 2H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1 2 3 4 5 6 7 8								ooo	SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE and CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE
									SS	The core consists of light greenish gray (10Y 7/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE and olive (5Y 5/3) CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE in Sections 1 and 5.

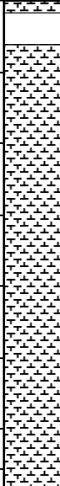
I087D-2H

1087D-3H 91.5-101.0 mbsf									
Leg 175 Site 1087 Hole D Core 3H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	SAMPLE	DESCRIPTION
1									FORAMINIFER-BEARING NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
2								SS	The core consists of light greenish gray (10Y 7/1) FORAMINIFER-BEARING NANNOFOSSIL OOZE and pale olive (5Y 6/4) CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE in Section 4.
3									
4									
5									
6								SS	
7									

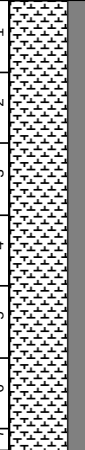


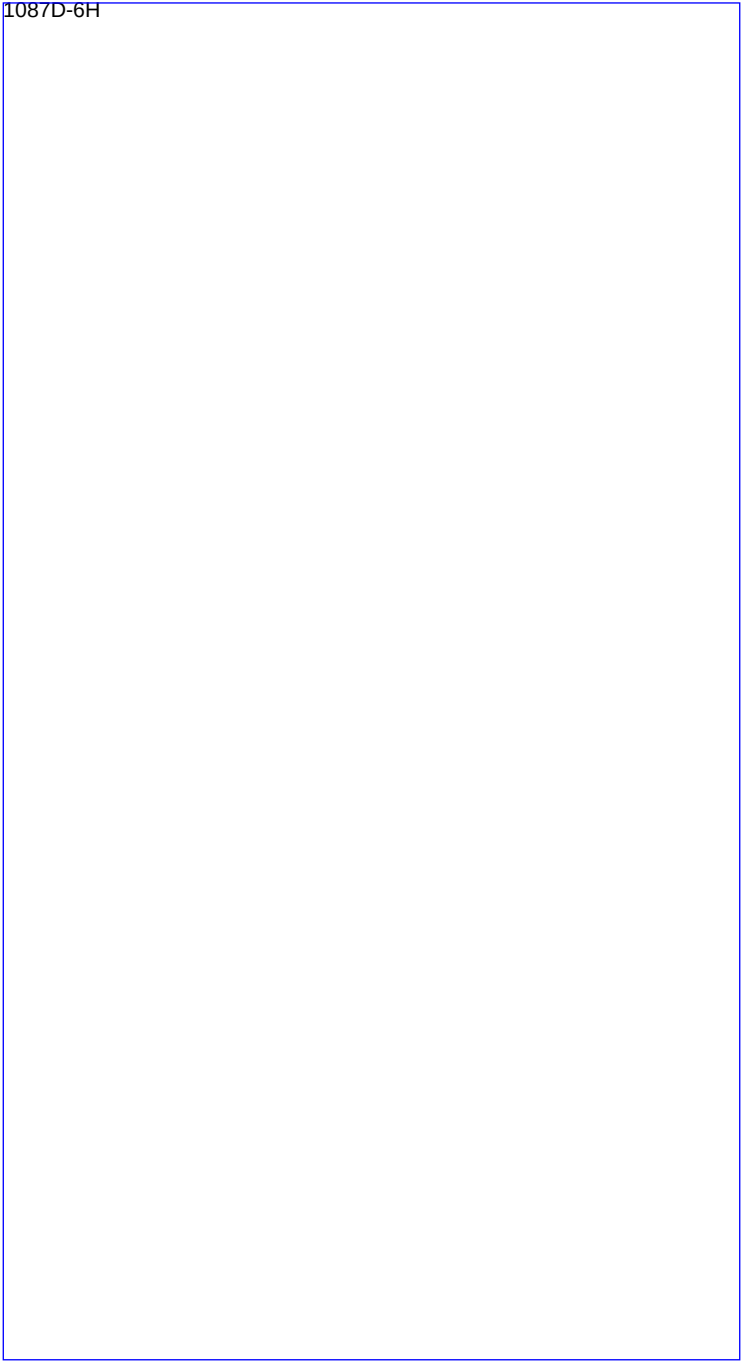
1087D-4H 101.0-110.5 mbsf										
Leg 175 Site 1087 Hole D Core 4H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1									SS	NANNOFOSSIL OOZE and CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of light gray (5Y 7/2) NANNOFOSSIL OOZE and pale olive (5Y 6/3) CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE in Section 1.
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1087D-5H 110.5-120.0 mbsf										
Leg 175 Site 1087 Hole D Core 5H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 6/2) FORAMINIFER-RICH NANNOFOSSIL OOZE. Pyrite blebs, up to 1 mm in diameter, occur throughout the core.
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1087D-6H 120.0-129.5 mbsf										
Leg 175 Site 1087 Hole D Core 6H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE. Pyrite blebs, up to 1 mm in diameter, occur throughout the core.
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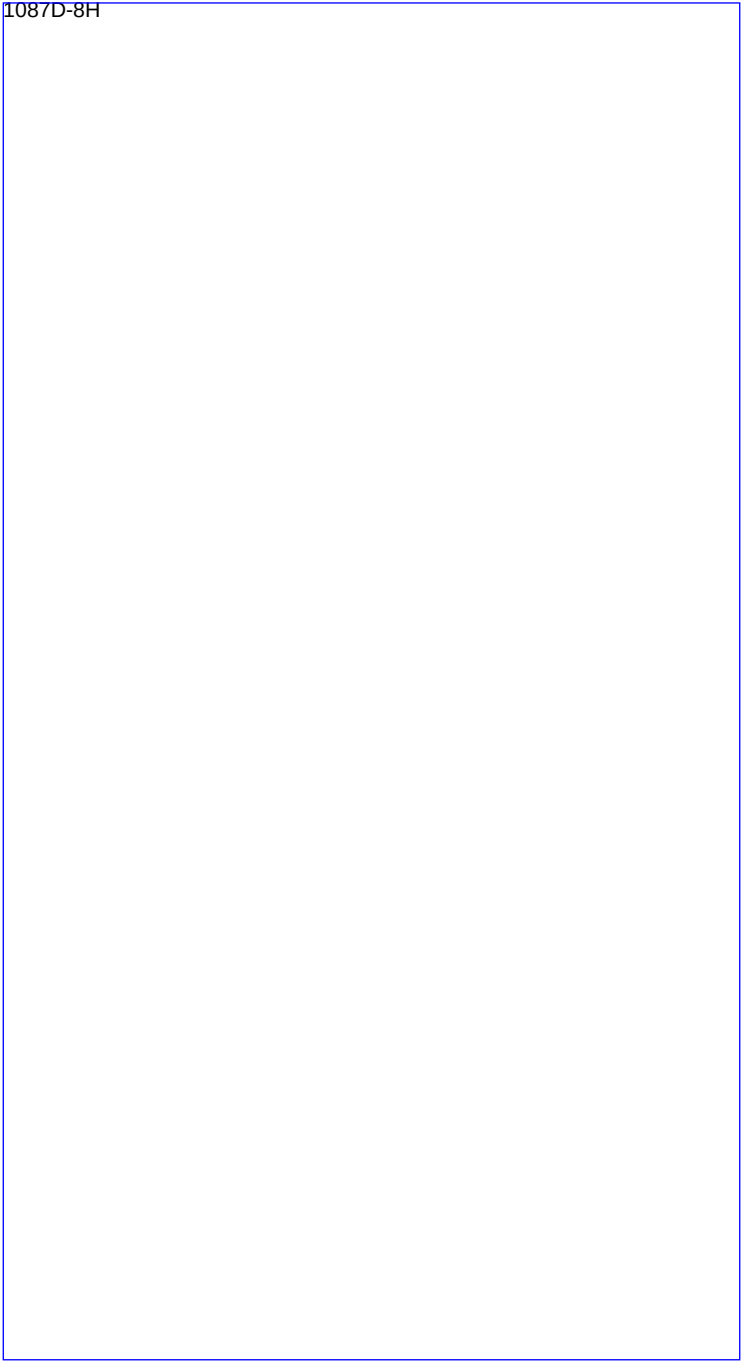
1087D-7H 129.5-139.0 mbsf									
Leg 175 Site 1087 Hole D Core 7H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE
DESCRIPTION									
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2									SS
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4									
5									SS
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7									
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NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE

The core consists of olive (5Y 5/3) FORAMINIFER-RICH NANNOFOSSIL OOZE and light olive gray (5Y 6/2) NANNOFOSSIL OOZE in Sections 2 and 3. Pyrite nodules, up to 1 mm in diameter, occur throughout the core.



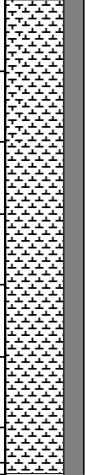
1087D-8H 139.0-148.5 mbsf										
Leg 175 Site 1087 Hole D Core 8H										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
1										FORAMINIFER-BEARING NANNOFOSSIL OOZE and FORAMINIFER NANNOFOSSIL OOZE The core consists of light olive gray (5Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE and olive (5Y 5/3) FORAMINIFER NANNOFOSSIL OOZE in Section 4.
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1087D-9H 148.5-158.0 mbsf						
Leg 175 Site 1087 Hole D Core 9H						
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DESCRIPTION
1						FORAMINIFER-RICH NANNOFOSSIL OOZE and FORAMINIFER-BEARING NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE and light olive gray (5Y 6/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Small pyrite grains are dispersed throughout the core.
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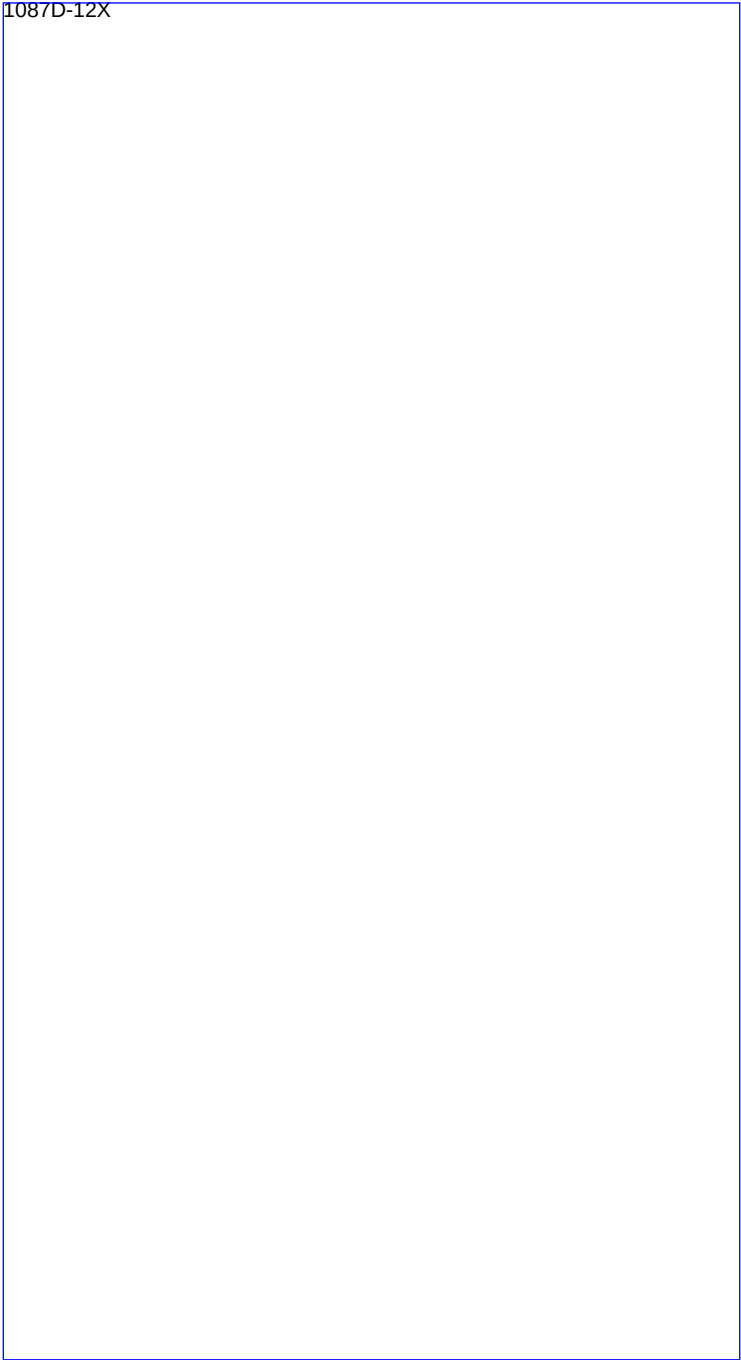
1087D-9H

1087D-10H 158.0-167.5 mbsf						
Leg 175 Site 1087 Hole D Core 10H						
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DESCRIPTION
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1087D-11H 167.5-177.0 mbsf									
Leg 175 Site 1087 Hole D Core 11H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	SAMPLE	DESCRIPTION
1								SS	NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of pale olive (5Y 6/3), light greenish gray (10Y 7/2 and 10Y 6/2) NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE. Burrows are often dark gray and contain abundant pyrite grains.
2								SS	
3								SS	
4								SS	
5								SS	
6								SS	
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8								SS	
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1087D-11H

1087D-12X 177.0-186.6 mbsf									
Leg 175 Site 1087 Hole D Core 12X									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHO.	FOSSILS	SAMPLE	DESCRIPTION
1									NANNOFOSSIL OOZE and FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light gray (5Y 7/2) and light greenish gray (10Y 7/2) NANNOFOSSIL OOZE and pale olive (5Y 6/3) FORAMINIFER-RICH NANNOFOSSIL OOZE. Dark gray mottles and burrows, and black, fine sand-sized pyrite grains occur throughout the entire core.
2								SS	
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6								SS	
7									



1087D-13H 186.6-195.3 mbsf									
Leg 175 Site 1087 Hole D Core 13H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	SAMPLE	DESCRIPTION
1								SS	FORAMINIFER-BEARING NANNOFOSSIL OOZE and CLAY-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE The core consists of light greenish gray (10Y 7/2) FORAMINIFER-BEARING NANNOFOSSIL OOZE and CLAY-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE. There are large, dark gray mottles ranging between 1 and 2 cm in diameter that contain abundant pyrite. Burrow infill is often slightly coarser-grained than the surrounding sediment.
2									
3									
4								SS	
5									
6								SS	

1087D-13H

1087D-14H 195.3-201.3 mbsf									
Leg 175 Site 1087 Hole D Core 14H									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	SAMPLE	DESCRIPTION
1									FORAMINIFER-BEARING NANNOFOSSIL OOZE
2									This core marks a world record in total core recovered (8000m!!). The core still consists of moderately bioturbated light greenish gray (10Y 7/2) and pale olive (5Y 5/3) FORAMINIFER-BEARING NANNOFOSSIL OOZE. Zoophycos is abundant in Section 4, 47-84 cm. Some are dark gray and contain abundant pyrite. Sand-sized pyrite grains are disseminated throughout the entire core as well.
3									
4								SS	
5								SS	
6									

