

**Expedition 311 Site U1326 composite infrared image**  
Select the core name to view its individual infrared image.**Core**      **Top depth**

311-U1326B-01H	0.0 m
311-U1326C-1H	0.0 m
311-U1326C-2H	3.9 m
311-U1326C-3H	13.4 m
311-U1326C-4H	22.9 m
311-U1326C-5X	30.4 m
311-U1326C-6X	40.0 m
311-U1326C-7X	49.7 m
311-U1326C-8X	59.4 m
311-U1326C-9X	69.1 m
311-U1326C-10X	78.7 m
311-U1326D-2X	88.4 m
311-U1326D-3X	98.1 m
311-U1326D-4X	107.7 m
311-U1326D-5X	117.3 m
311-U1326D-6X	127.0 m
311-U1326D-7X	136.6 m
311-U1326D-8X	146.3 m
311-U1326D-9X	155.9 m
311-U1326D-10X	165.6 m
311-U1326D-11X	175.2 m
311-U1326D-12X	184.8 m
311-U1326D-13X	194.4 m
311-U1326D-14X	204.0 m
311-U1326D-15X	213.6 m
311-U1326D-16X	223.3 m
311-U1326D-17X	232.9 m
311-U1326D-18X	242.6 m
311-U1326D-19X	252.2 m
311-U1326D-20X	261.8 m

## Core Photo

Site U1326 Hole B Core 1H Cored 0.0-1.5 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	FOSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1								XRD SS SS XRD SS PAL		<p>MAJOR LITHOLOGY Dark gray (N4) clay.</p> <p>MINOR LITHOLOGY Dark gray (N4) and very dark gray (N3) sand.</p> <p>FURTHER OBSERVATIONS A lithified platy carbonate concretion (1.5 x 2 cm) is found at 97-98 cm, associated with a round carbonate cement (2 cm thick). A patch of carbonate cement is observed at 149- 150 cm. Coring related disturbance is present throughout the core.</p>

## Core Photo

Site U1326 Hole C Core 1H Cored 0.0-3.9 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
										DESCRIPTION

**MAJOR LITHOLOGY**  
Dark gray (N4) and dark greenish gray (5GY 4/1) clay, except dark greenish gray (5GY 4/1) silty clay with foraminifers in Section CC.

**MINOR LITHOLOGY**  
Dark gray (N4) foraminifer sand layers or alternation with clay in Sections 1 (54-65 cm) and 2 (0-10 cm, 15-29 cm).

**FURTHER OBSERVATIONS**  
A patch of carbonate cement is observed in Section 2 (62-64 cm).  
An iron sulfide concretion (2 mm) is in Section 2 (33 cm), moderate sulfide mottling is present in Section 2 (30-65 cm).  
Rare greenish glauconite-rich lenses are present in Section 2 (30-65 cm).  
Visible foraminifers are observed in Section CC.

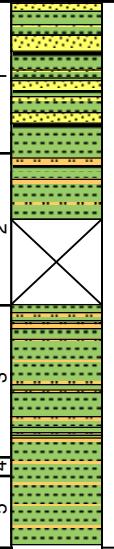
## Core Photo

Site U1326 Hole C Core 2H Cored 3.9-13.4 mbsf					
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSES DISTURB. DIAGENESIS SAMPLE DESCRIPTION
1					MAJOR LITHOLOGY Dark gray (N4) and dark greenish gray (5GY 4/1) silty clay.  MINOR LITHOLOGY Dark gray (N4) quartz sand layers or lenses in Sections 2 (0-37, 49-54 cm) and 4 (57-65 cm). Dark gray (N4) quartz silt layers or lenses in Sections 5 (20-65 cm), 6 and 7 (30-54 cm).  FURTHER OBSERVATIONS Coarsening-upward sequences are found in Section 2 (10-20 cm). Tilted bedding is observed in Sections 2, 5, 6 and 7. Rare to moderate iron sulfide mottlings are in Sections 2, 4 and 5, and sulfide concretions are in Sections 5 (51, 78, 82 cm) and 6 (21 cm). Greenish patches of glauconite are observed in Sections 4 (15-65 cm) and 5 (0-10 cm). Coring related disturbance is present in Sections 5 to 7.

## Core Photo

Site U1326 Hole C Core 3H Cored 13.4-22.9 mbsf										
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION	
-14.1	1									<p><b>MAJOR LITHOLOGY</b> Dark gray (N4) clay. Dark greenish gray (5GY 4/1) clay with diatoms. Gradual color changes from dark gray to dark greenish gray are observed in each section.</p> <p><b>MINOR LITHOLOGY</b> Dark gray (N4) silty sand.</p> <p><b>FURTHER OBSERVATIONS</b> Sections 1-3 are rarely to moderately bioturbated. Rare mottling is observed in Sections 1 and 3-6. Parallel lamination is found in Section 6. Sponge spicules are in Sections 4 and 5. Shell fragments are observed in Section 5. A millimeter scale concretion is found in Section 1.</p>
-16.2	2									
-18.3	3									
-20.4	4									
-22.5	5									
-22.9	6									

## Core Photo

Site U1326 Hole C Core 4H Cored 22.9-30.4 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-28	1				∅∅∅	▽		— SS	MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) sand in Sections 1. Dark gray (N4) silt in Sections 3-CC.
-26	2							— MB	FURTHER OBSERVATIONS Shell fragments are found in Section 1. Intervals of extreme core disturbance are observed in Sections 1, and 3-CC.
-24	3							— IW	
-22	4							— XRD	
-20	5							— SS	
-18								— XRD	
-16								— SS	
-14									
-12									
-10									
-8									
-6									
-4									
-2									
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2									
4									
6									
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22									
24									
26									
28									



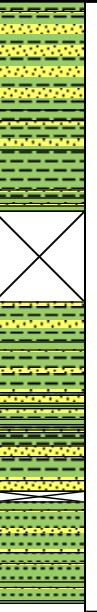
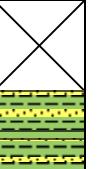
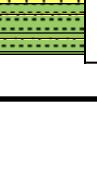
## Core Photo

Site U1326 Hole C Core 5X Cored 30.4-40.0 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1									MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) sandy silt.
-32							XRD		
2							MB		
-34							IW		
-36							IW		
5							PAL		

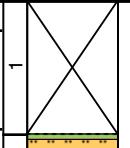
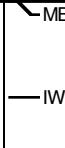
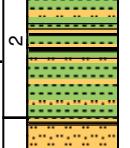
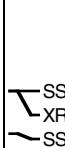
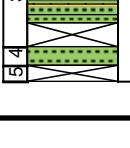
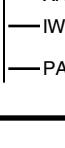
MAJOR LITHOLOGY  
Dark gray (N4) clay.  
  
MINOR LITHOLOGY  
Dark gray (N4) sandy silt.

FURTHER OBSERVATIONS  
Rare mottling is observed in Sections 1 and 3.  
Soft sediment deformation is present throughout the core.  
A carbonate concretion is in Section 2 (46 cm).

## Core Photo

Site U1326 Hole C Core 6X Cored 40.0-49.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1							XRD		MAJOR LITHOLOGY Dark gray (N4) silty clay in Sections 1 and 4. Dark gray (N4) clay in Section 5-CC.
.42	2						IW		MINOR LITHOLOGY Dark gray (N4) sand.
.44	3						SS XRD		FURTHER OBSERVATIONS Soft sediment deformation is present in Sections 1 and 3-5. Fining-upward texture is found in Section 4. Parallel laminations are observed in Section 5. A fault is in Section 5. Unlithified carbonate cement is observed in Section 1.
.46	4						IW		
	5						SS		
	6						SS PAL		

## Core Photo

Site U1326 Hole C Core 7X Cored 49.7-59.4 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
.50	1						MB	MAJOR LITHOLOGY Dark gray (N4) clay.	
.52	2						IW	MINOR LITHOLOGY Dark gray (N4) sandy silt layers and lenses up to 40% of in Sections, 2, 3 and 4.	
.53	3						SS	FURTHER OBSERVATIONS Soupy and mousse-like textures are present in Section 3 (24-50 cm), and coring-related disturbance occurs in Sections 2 and 3.	
.54	4						XRD	Sharp bottom contacts are observed in Sections 2 (16, 67, 82 cm) and 3 (6, 50 cm). Fining-upward sequence is present in Section 2 (7-16 cm)/.	
							SS		
							XRD		
							IW		
							PAL		

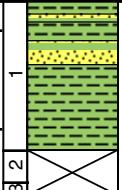
## Core Photo

Site U1326 Hole C Core 8X Cored 59.4-69.1 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
.60	1 2 3						XRD SS MB PAL SS		<p><b>MAJOR LITHOLOGY</b> Dark gray (N4) silt in Section 1 and silty clay in Section CC.</p> <p><b>FURTHER OBSERVATIONS</b> Soupy texture is present in Section 1 (0-61 cm), which corresponds to a cold spot in an IR image. Some patches of carbonate cement are observed in Section CC (0-1 cm). Coring-related disturbance is present throughout the core.</p>

## Core Photo

Site U1326 Hole C Core 9X Cored 69.1-78.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-70	1						(C)		MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) sandy layers and lenses in Sections 2 and 3 (0-40 cm). Lighter colored silty layers and lenses in Sections 3 (40-66 cm), 4 and CC.
-71	2						(C)		
-72	3								FURTHER OBSERVATIONS Two semi-lithified carbonate concretions, 1.5 x 2 cm, are observed in Sections 1 (23 cm) and 2 (92-93 cm) of the working half core. A sand layer with fining-upward sequence and sharp bottom contact is observed in Section 2 (105-112 cm). Faint silt lamination is present in Section 4 (7-10). Coring-related disturbance is present throughout the core.
-73	4								
-74	5								

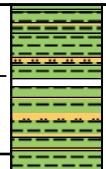
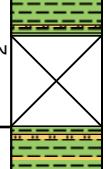
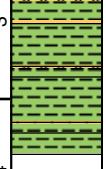
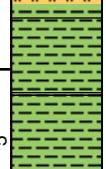
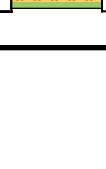
## Core Photo

Site U1326 Hole C Core 10X Cored 78.7-82.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-80	1								<p>MAJOR LITHOLOGY Dark gray (N4) silty clay.</p> <p>MINOR LITHOLOGY Dark gray (N4) sandy layers and lenses in Section 1.</p> <p>FURTHER OBSERVATIONS Faint silt lamination is present in Section 1 (67-71, 86, 103-107 cm). Coring-related disturbance is observed in Section 1.</p>

U1326C-11Y No recovery  
 U1326C-12P No recovery  
 U1326C-13E No recovery

## Core Photo

U1326D-1X No recovery

Site U1326 Hole D Core 2X Cored 88.4-98.1 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1						>	w w		MAJOR LITHOLOGY Dark gray (N4) silty clay.  MINOR LITHOLOGY Dark gray (N4) silt.
90								MB	FURTHER OBSERVATIONS Fining-upward structure is found in Section 4.  Mousse-like textures are observed in Sections 1 (64-71 cm) and 4 (50-55 cm).
92						>	w w	IW	
93								SS	
94							w w		
95								SS	
96						< >>>		IW	
97								PAL	

## Core Photo

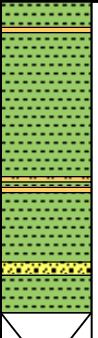
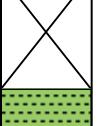
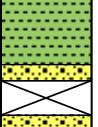
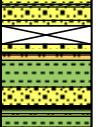
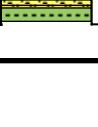
Site U1326 Hole D Core 3X Cored 98.1-107.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1	1							— SS	MAJOR LITHOLOGY Dark olive gray (5Y 3/2) clay.  MINOR LITHOLOGY Dark gray (N4) silty sand.
100	2							— MB	FURTHER OBSERVATIONS Parallel laminations are observed in Section 5.  Mousse-like textures are observed in Sections 1 (10-36 cm, 72-94 cm) and 2 (0-25 cm).
102	3							— SS — XRD	
104	4							— IW	
	5							— PAL	
	6								



## Core Photo

Site U1326 Hole D Core 4X Cored 107.7-117.3 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-108	1								MAJOR LITHOLOGY Dark gray (N4) clay.
-110	2								MINOR LITHOLOGY Dark gray (N4) sandy silt interbedded with clay. Dark gray (N4) silty sand patches in Sections 3-5 and CC.
-112	3								FURTHER OBSERVATIONS Dropstones (<5 mm) are observed in Sections 4 (7-12 cm) and 5 (24-25 cm, 65 cm). Concretions (< 3mm) are in Sections 4 (124 cm) and 6 (28 cm). Sulfide concretions are found in Section 2 (13-84 cm). Moderate mottling is observed in Section 2 (13-84 cm).
-114	4								
	5								
	6								
	7								

## Core Photo

Site U1326 Hole D Core 5X Cored 117.3-127.0 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
.118									MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) silty sand layers, lenses or spots in Sections 1 (76 cm), 2 (120-134 cm), 4 (100-115 cm), 5 and 6 (0-6, 43-63, 84-87 cm). Lighter colored silt layers, lenses or spots in Sections 1 (21, 28-33, 68-70 cm), 2 (36-39, 46-54 cm) and 6 (11-15, 70-71 cm) and CC (1-3 cm).  FURTHER OBSERVATIONS A patch of carbonate cement up to 1 x 2 cm size in vertical orientation is observed in Section 2 (5-8 cm). Some iron sulfide concretions are in Sections 1 (87, 105 cm), 2 (29, 85 cm). Rare mottlings are present in Sections 1 and 4. A angular gray rock piece (gabbro) about 1 x 1.5 cm is found in Section 4 (106-107 cm). Pieces of brownish wood fragments are found in Section 5 (33-34 cm). Rare coring-related disturbance and biscuiting are present in Sections 1 and 2.
.120	2								
.122	3								
.124	4								
	5								
	6								
	7								

## Core Photo

Site U1326 Hole D Core 6X Cored 127.0-136.6 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
128.1	1						XRD	SS	MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) thin silty layers, lenses and spots in Section 1 (33-85 cm), 3 (26-45, 71-72, 94-100 cm), 4 (0-4, 85-90 cm), 5 and 6 (76-81 cm). Dark gray (N4) silty sand layers in Section 5 (83-88) and 6 (0-10 cm).
128.2	2						MB		
130.1	3						IW		FURTHER OBSERVATIONS Some mottlings are observed in Sections 3 and 6. Moderate soft sediment deformation is found in Section 6. A black rock (basalt) piece about 5 x 5 mm size is found in Section 3 (83 cm). A organic matter-rich brownish patch about 0.5 x 1 cm is present in Section 1 (25 cm) . A shell fragment is in Section 5 (85 cm).
132.1	4						IW		
132.5	5						SS		
134.6	6						XRD		
	7						PAL		

## Core Photo

Site U1326 Hole D Core 7X Cored 136.6-146.3 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1	1								MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) silty sand layers, lenses and cm size patches in Sections 1 (23-28, 33-35, 42-44, 51-54, 55-57, 58-61, 65-74 cm), 3 (62-66, 74-76 cm) and 4 (92-100, 126-146 cm). Lighter colored silt layers, lenses and cm size patches in Sections 3 (93-100, 127-135 cm) and 4 (5, 15, 33, 50, 64, 75-92, 104-106 cm).  FURTHER OBSERVATIONS Some mousse-like textures are found in Section 1 (21-35, 54-74 cm). Coring disturbance is present in Section 1. A sand with fining-upward sequence with sharp bottom contact is in Section 3 (62-66 cm). Gas expansion cracks are present in Section 4.
138	2								
140	3								
141	4								



## Core Photo

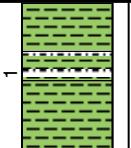
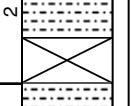
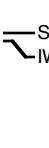
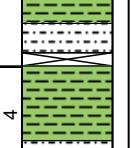
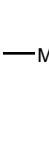
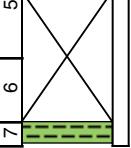
Site U1326 Hole D Core 8X Cored 146.3-155.9 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1									MAJOR LITHOLOGY Dark gray (N4) clay with diatoms in Sections 2 and 3 (0-67 cm). Dark greenish gray (5GY 4/1) silty clay with diatoms in Sections 3 (67-138 cm) and 4.
.148									MINOR LITHOLOGY Dark gray (5Y 4/1 and N4 mixed) sandy silt in Sections 3 (98-100 cm) and 4 (11-14 cm).
2									FURTHER OBSERVATIONS Silt lamination is present in the sandy silt interbeds. Slightly mottling is observed in Section 3 (95-100 cm). Slight biscuit texture is present in Section 3. Small sandy patches (2-5 mm) are present in Section 1 (12, 20 cm).
3									
.150									
4									
5									
6									



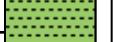
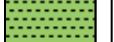
## Core Photo

Site U1326 Hole D Core 9X Cored 155.9-165.6 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1									MAJOR LITHOLOGY Dark greenish gray (5GY 4/1) silty clay with diatoms.
2									MINOR LITHOLOGY Dark gray (N4) clayey silt in Section 2 (31-33 cm), 3 (12-17 cm) and 4 (25-35 cm).
3									FURTHER OBSERVATIONS Some white colored angular semi-lithified rock fragments up to 2 x 2 x 4 cm, composed of fine detrital grains and carbonate, are found in Section 1 (0-2, 16, 18-19, 25, 46-47 cm) of archive and working halves.
4									
5									
6									
158									
160									

## Core Photo

Site U1326 Hole D Core 10X Cored 165.6-175.2 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
.166	1							SS	MAJOR LITHOLOGY Dark greenish gray (5GY 4/1) silty clay with diatoms.  MINOR LITHOLOGY Dark gray (N4) sand-silt-clay.
.168	2							SS IW	FURTHER OBSERVATIONS Mousse-like texture is found in Section 1 (28-30 cm, 42-50 cm). Fining-upward structure is observed in Section 3. Biscuitting is present throughout the core.
.170	3							MB	
.172	4							MB	
	5							IW	
	6							PAL	
	7								

## Core Photo

Site U1326 Hole D Core 11X Cored 175.2-184.8 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-176.0	1								MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Very dark gray (N3) sand in Sections 1, 2 and 4. Dark gray (N4) silt in Section 5.  FURTHER OBSERVATIONS Soupy texture is observed in Section 2 (27-31 cm). Mousse-like textures are found in Sections 2 (31-40 cm) and 4 (30-33 cm). Rare to moderate mottling is observed in Sections 2 and 4. A concretion (<1 mm) is in Section 5 (104 cm). Biscuitting is present throughout the core.
-176.2	2								
-176.3	3								
-176.4	4								
-176.5	5								
-176.6	6								

## Core Photo

Site U1326 Hole D Core 12X Cored 184.8-194.4 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-186.0	1								MAJOR LITHOLOGY Dark gray (N4) silty clay.
-186.0	2								MINOR LITHOLOGY Dark gray (N4) sand-silt-clay.
-188.0	3								FURTHER OBSERVATIONS Concretions (<5 mm) are found in Section 1 (57 cm, 59 cm). Carbonate cement is present in Section CC (10 cm). Fining-upward structure is observed in Section 3. Biscuitting is present throughout the core.
-190.0	4								
-190.0	5								
-190.0	6								

## Core Photo

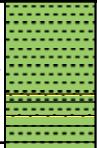
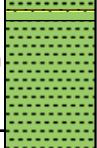
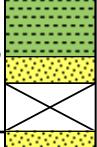
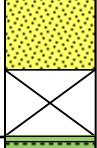
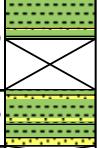
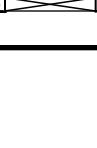
Site U1326 Hole D Core 13X Cored 194.4-204.0 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1	1						XRD SS		MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Very dark gray (N3) sand.  FURTHER OBSERVATIONS Soupy texture is in Sections 1 (0-20 cm) and 2 (39-54 cm). Mousse-like texture is found in Section 1 (20-23 cm). Bistuiting is present throughout the core.
196	2						IW		
198	3						MB		
198	4						SS		
200	5						IW		
							PAL		

## Core Photo

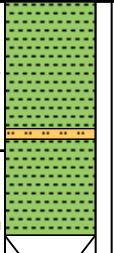
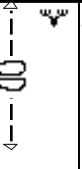
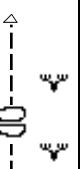
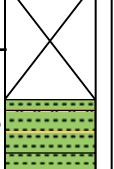
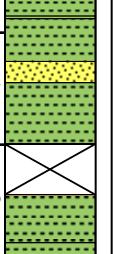
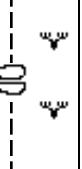
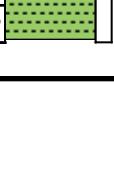
Site U1326 Hole D Core 14X Cored 204.0-213.6 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1									
-206	2								
-208	3								
-210	4								
	5								
	6								
	7								



## Core Photo

Site U1326 Hole D Core 15X Cored 213.6-223.3 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-214	1						XRD	SS	MAJOR LITHOLOGY Dark gray (N4) clay.  MINOR LITHOLOGY Dark gray (N4) sand.  FURTHER OBSERVATIONS Biscuitting is present throughout the core.
-216	2								
-218	3						IW		
-220	4						MB		
	5						IW		
	6							SS	
	7						PAL		

## Core Photo

Site U1326 Hole D Core 16X Cored 223.3-232.9 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-224.1	1							XRD SS-XRD	MAJOR LITHOLOGY Very dark gray (N3) clay.  MINOR LITHOLOGY Dark gray (N4) silt in Sections 1, 3 and 5. Very dark gray (N3) sandy silt in Section 4.
-226.2	2							MB IW	FURTHER OBSERVATIONS Mousse-like textures are observed in Sections 1 (22-26 cm), 3 (117-133 cm) and 4 (35-55 cm). Concretions are within the mousse-like texture zone in Section 1. A carbonate concretion (<1 cm) is found in section 1 (57 cm). Biscuitting is present throughout the core.
-228.3	3							SS	
-228.4	4							SS IW	
-230.5	5							PAL	
-230.6	6								

## Core Photo

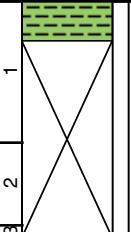
Site U1326 Hole D Core 17X Cored 232.9-242.6 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-234.1	1								MAJOR LITHOLOGY Dark gray (N4) homogeneous clay.  MINOR LITHOLOGY Dark gray (N4) silt layers and lenses in Sections 3 (144-150 cm), 4 (53-57, 107-115 cm), 5 (11-16, 42-46, 117-120 cm) and 6 (17-18 cm).  FURTHER OBSERVATIONS Soupy texture is present in Section 1 (14-28 cm) and mousse-like textures are found in Sections 1 (10-14, 28-37, 77-85 cm) and 5 (121-129 cm). Coring-related disturbance and biscuit textures are found throughout the core. A black round rock fragment (gabbro) (1.5 x 2 cm) is found in the top of Section 1 (1-2 cm) of the working half core.
-233.5	2								
-233.0	3								
-232.5	4								
-232.0	5								
-231.5	6								
-231.0	7								



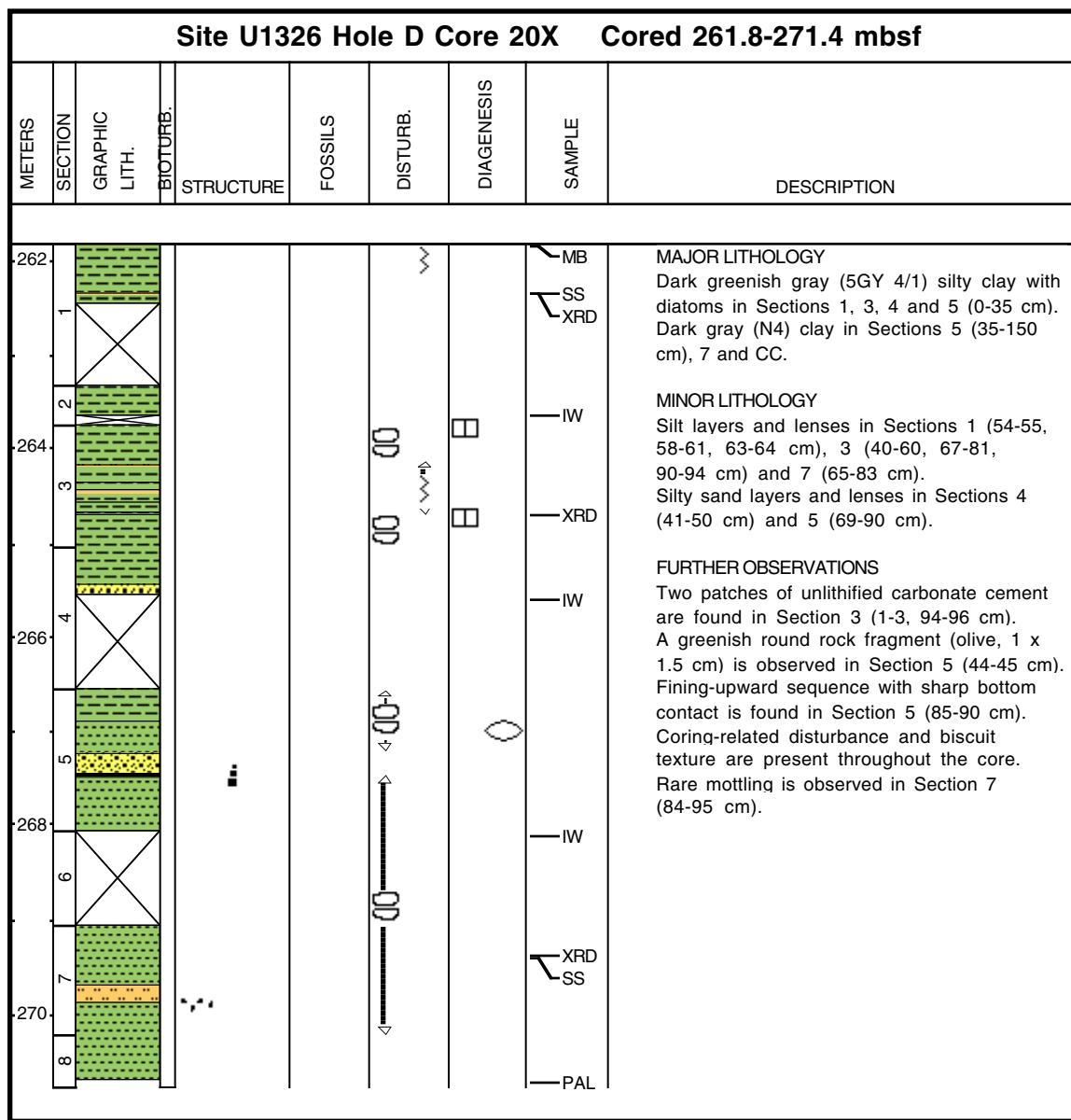
# Core Photo

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-244.0	1							MB	MAJOR LITHOLOGY Dark gray (N4) clay.
-244.0	2							HYD	MINOR LITHOLOGY Dark gray (N4) sandy layers in Sections 4 and CC (0-4 cm).
-244.0	3							XRD SS IW	Dark gray (N4) silty layer in Section CC (13-15 cm).
-246.0	4							MB IW HYD HYD XRD SS PAL	FURTHER OBSERVATIONS Mousse-like texture is present in Sections 2 (50-68 cm) and 4. Coring-related disturbance and biscuit textures are observed in Sections 2 and CC.
-246.0	5								

## Core Photo

Site U1326 Hole D Core 19X Cored 252.2-261.8 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
-254	1						>	XRD SS MB	IW PAL	MAJOR LITHOLOGY Dark gray (N4) silty clay with diatoms.

## Core Photo



Sample reference										Texture %		Biogenic %		Mineral %										Comments				
Core	Type	Section	Top (m)	Depth (mbsf)	Rheology	Silt	Sand	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Organic debris	Shell debris	Quartz	Feldspar	Muscovite	Clay minerals	Pyrite	Ooids	Calcite	Dolomite	Accessory minerals	Rock fragments	Foram nano	Biogenic opta		
1	H	1	63	0.63	M	0	24	76	3	3	2				6	4	1	2	74	2		3			0	1		
1	H	1	84	0.84	M	90	10	0		35	1				14	9		9					15	7	10	0	0	
1	H	1	99	0.99	M	1	94	5						1	3	2			5	85		1	2	1	carb cement (crystals 10-12 µm wide)	0	0	
1	H	1	150	1.50	M	0	11	89						1	3	2		2		88		2	2	carb cement (crystals 4-5 µm long)	0	0		
<b>Hole B</b>																												
1	H	2	5	1.55	M	0	24	76	3	3	2				6	4	1	2	74	2		3			3	5		
1	H	2	40	1.90	D	80	10	10		35	1				14	9		9						15	7	10	0	36
1	H	2	63	2.13	M	0	6	94	1						3				94			2			carb cement (crystals 2 µm wide)	1	0	
1	H	CC	4	3.76	M	15	30	55	4	18	2				9	4			55	3		3	2		4	20		
2	H	2	27	5.67	M	1	31	68	5	3	1				13	7			67			2	2		5	4		
2	H	4	40	8.80	D	80	17	3	1						27	12	1		1	3		10	15	30	1	0		
2	H	5	23	10.13	M	5	95	0	1	2			1		40	20	2	2		20		7	5		2	2		
3	H	1	40	13.80	D	0	20	80	5	1	1			1	7	2		1	80		1	1		5	2			
3	H	2	60	15.50	D	0	20	80	7	2	1			1	5	1		1	80		1	1		8	3			
3	H	6	90	21.80	D	0	20	80	10	1	1				4	1		1	80		1	1		10	2			
3	H	6	83	21.73	M	60	30	10	2	5					50	14		3	10		2	7	7	2	5			
4	H	1	49	23.39	M	75	20	5	2					3	50	10		5			5	25		0	2			
4	H	3	32	26.22	D	0	15	85							10			85			3	2		0	0			
4	H	3	97	26.87	M	5	90	5						60	15		2	5	5		4	9		0	0			
5	X	1	125	31.65	D	0	15	85							10			85			5			0	0			
5	X	3	90	34.22	M	25	75	0						70	10		5			3	12		0	0				
6	X	3	34	43.34	D	0	25	75						12			75			5	8		0	0				
6	X	5	60	45.58	M	85	15	0						70	15					5	10		0	0				
6	X	5	75	45.73	D	0	15	85		2					8			85			3	2		0	2			
7	X	2	122	52.25	D	0	16	84					2		7	3	1		84		1	2		0	0			
7	X	3	15	52.68	M	25	75	0						45	24				4	12	15		0	0				
8	X	1	83	60.23	D	10	85	5						50	21	1		5		3	10	10		0	0			
8	X	CC	9	61.63	M	0	30	70						9	5		1	1	70		4	10		0	0			
9	X	2	80	71.40	M	80	20	0						36	18		1			5	25	15		0	0			
9	X	2	93	71.53	M	0	100	0						10	5			81		1	3		carb cement (crystals ~4 µm wide)					
9	X	3	30	72.40	D	0	22	78						2	10	6		78		2	2			0	0			
9	X	4	32	73.48	M	0	95	5						57	24		1	5		3	10		0	0				
10	X	1	52	79.22	M	80	20	0						36	18				10		21	15		0	0			
10	X	1	110	79.80	D	0	25	75						10	5		2	75		4	4		0	0				
<b>Hole C</b>																												
1	H	2	5	1.55	M	0	24	76	3	3	2				6	4	1	2	74	2		3			3	5		
1	H	2	40	1.90	D	80	10	10		35	1				14	9		9						15	7	10	0	
1	H	2	63	2.13	M	0	6	94	1						3				94			2			carb cement (crystals 2 µm wide)	1	0	
1	H	CC	4	3.76	M	15	30	55	4	18	2				9	4			55	3		3	2		4	20		
2	H	2	27	5.67	M	1	31	68	5	3	1				13	7			67			2	2		5	4		
2	H	4	40	8.80	D	80	17	3	1						27	12	1		1	3		10	15	30	1	0		
2	H	5	23	10.13	M	5	95	0	1	2			1		40	20	2	2		20		7	5		2	2		
3	H	1	40	13.80	D	0	20	80	5	1	1			1	7	2		1	80		1	1		5	2			
3	H	2	60	15.50	D	0	20	80	7	2	1			1	5	1		1	80		1	1		8	3			
3	H	6	90	21.80	D	0	20	80	10	1	1				4	1		1	80		1	1		10	2			
3	H	6	83	21.73	M	60	30	10	2	5					50	14		3	10		2	7	7	2	5			
4	H	1	49	23.39	M	75	20	5	2					3	50	10		5			5	25		0	2			
4	H	3	32	26.22	D	0	15	85							10			85			3	2		0	0			
4	H	3	97	26.87	M	5	90	5						60	15		2	5	5		4	9		0	0			
5	X	1	125	31.65	D	0	15	85							10			85			5			0	0			
5	X	3	90	34.22	M	25	75	0						70	10		5			3	12		0	0				
6	X	3	34	43.34	D	0	25	75						12			75			5	8		0	0				
6	X	5	60	45.58	M	85	15	0						70	15					5	10		0	0				
6	X	5	75	45.73	D	0	15	85		2					8			85			3	2		0	2			
7	X	2	122	52.25	D	0	16	84					2		7	3	1		84		1	2		0	0			
7	X	3	15	52.68	M	25	75	0						45	24				4	12	15		0	0				
8	X	1	83	60.23	D	10	85	5						50	21	1		5		3	10	10		0	0			
8	X	CC	9	61.63	M	0	30	70						9	5		1	1	70		4	10		0	0			
9	X	2	80	71.40	M	80	20	0						36	18		1			5	25	15		0	0			
9	X	2	93	71.53	M	0	100	0						10	5		2	75		4	4		0	0				
9	X	3	30	72.40	D	0	22	78						2		10	6		78		2	2		0	0			
9	X	4	32	73.48	M	0	95	5						57	24		1	5		3	10		0	0				
10	X	1	52	79.22	M	80	20	0						36	18				10		21	15		0	0			
10	X	1	110	79.80	D	0	25	75						10	5		2	75		4	4		0	0				
<b>Hole D</b>																												
2	X	4	83	93.73	M	2	93	5						1		15	4		1	75		1	1					

Sample reference				Texture %		Biogenic %				Mineral %												Comments											
Core	Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Diatoms	Foraminifers	Nannofossils	Radiolarians	Siliceous spicules & others	Silicoflagellates	Organic debris	Shell debris	Quartz	Feldspar	Volcanic glass	Muscovite	Biotite	Glaucite	Clay minerals	Carbonate	Calcite	Dolomite	Opacites	Pyrite	Accessory minerals	Rock fragments	Biogenic opal	Forum nanno	Forum opal
<b>Hole D (continued)</b>																																	
5	X	2	39	119.09	M	10	85	5									45	23			2	5				5	15	5		0	0		
5	X	5	25	123.29	M	70	20	10									45	22			1	10				2	20			0	0		
6	X	1	60	127.60	D	0	15	85									7	3			85					3	1			0	0		
6	X	5	35	132.80	M	15	65	20									38	19			20					3	10	10		0	0		
6	X	6	8	133.53	M	55	25	20									25	12			20					3	10	30		0	0		
7	X	3	90	139.64	D	0	18	82									1	8	4		82					2	3			0	0		
7	X	1	53	137.13	M	55	37	8									37	19			8	8				3	15	10		0	0		
8	X	3	15	148.91	D	1	21	78	10								1	1	4	2		78	2				2				11	0	
8	X	3	90	149.66	D	0	29	71	12								1	6	3			71	5				2				12	0	
8	X	4	12	150.26	M	40	60	0									55	30			2	3				4	6			0	0		
9	X	1	18	156.08	M	25	20	55									24	13			1	55				4	2	?semi-lithified carb cement		1	0		
9	X	1	30	156.20	D	2	29	69	18								1	2	3	2		69	1				3	1			19	0	
9	X	4	30	158.41	M	5	70	25	8								3	1	30	18	3		25				4	8			11	0	
10	X	1	106	166.66	D	0	25	75	10								2		8			75					3	2			12	0	
10	X	2	90	168.00	M	25	50	25									40	5			25					5	20	5		0	0		
11	X	2	123	176.92	D	10	15	85	3								7	2			85					2	1			3	0		
11	X	2	33	176.02	M	0	15	85									4	5	1		85					4	1			0	0		
11	X	4	26	178.95	M	80	15	5	1								1	60	11		3	1	5			3	5	10		1	0		
11	X	5	98	181.17	M	0	90	10	3	1							1	2	55	8		2	10	5		5	5	3		4	1		
12	X	1	50	185.30	M	50	25	25									40	14			3	25				3	15			0	0		
12	X	2	134	187.39	D	0	25	75	5								9				75	1				5	5			5	0		
13	X	1	42	194.82	D	0	15	85	2								1	7	3		85					2				2	0		
13	X	3	51	197.51	M	90	7	3	1	1							1	60	9		4	2	3			5	7	7		1	1		
14	X	1	35	204.35	D	0	25	75									10	4			2	75				4	5			0	0		
14	X	6	10	209.6	M	75	20	5									60	15			2	5				10	8			0	0		
14	X	4	106	208.06	D	1	30	69	10								9	1			69	2				3	6			10	0		
15	X	1	50	214.1	D	0	15	85									6	2			1	85				1	3	2		0	0		
15	X	6	50	220.86	M	60	30	10									55	10			5	1	10			2	7	10		0	0		
16	X	1	88	224.18	D	0	18	82									1	8	2		1	82				2	2			0	0		
16	X	3	88	227.18	M	1	90	10									1	62	10		5	10				2	10			0	0		
16	X	4	37	228.17	M	30	60	10									60	8			4	10				3	12	3		0	0		
17	X	3	5	235.95	M	30	15	55									15	10			1	60				4	10	IW sample with carb		0	0		
17	X	4	36	237.76	D	0	10	90									1	4	2		90					2	1			0	0		
17	X	4	111	238.51	M	5	90	5									50	27			2	5				4	12			0	0		
17	X	6	45	240.79	D	0	20	80									2	8	4		80					4	2			0	0		
18	X	2	78	244.43	D	0	21	79									2	8	4		79	1				4				2	0		
18	X	4	4	246.05	M	76	20	4									32	17			4					2	15	30 foamy sand		0	0		
19	X	1	21	252.41	D	0	41	59	20								1	3	8	4		1	59				3	1			21	0	
20	X	1	51	262.31	D	0	38	62	10								2	2	10	5		62					6	3			12	0	
20	X	2	39	263.69	M	0	17	83	5								1		4	2		3	80				2	3	IW sample		6	0	
20	X	3	1	263.76	M	0	2	98									1				18	80				1				0	0		
20	X	5	87	267.41	M	70	25	5	37	20										3					5	20	15		37	20			
20	X	7	33	269.37	D	0	16	84									1	8	4		84					1	2			0	0		
20	X	7	82	269.86	M	2	93	5									47	28								5	15	5		0	0		