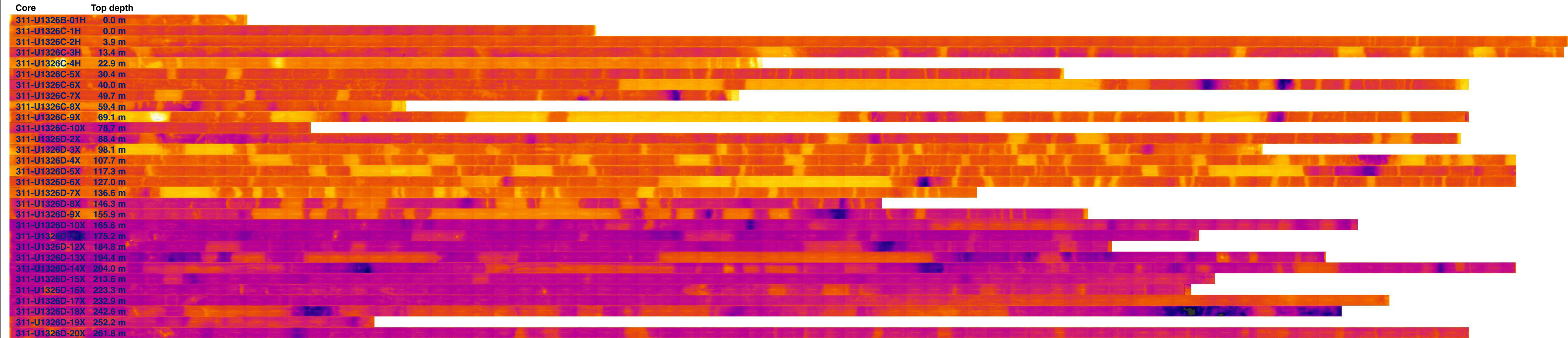


Expedition 311 Site U1326 composite infrared image

Select the core name to view its individual infrared image.



Core Photo

Site U1326 Hole B Core 1H Cored 0.0-1.5 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIO TURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1								<ul style="list-style-type: none"> 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>

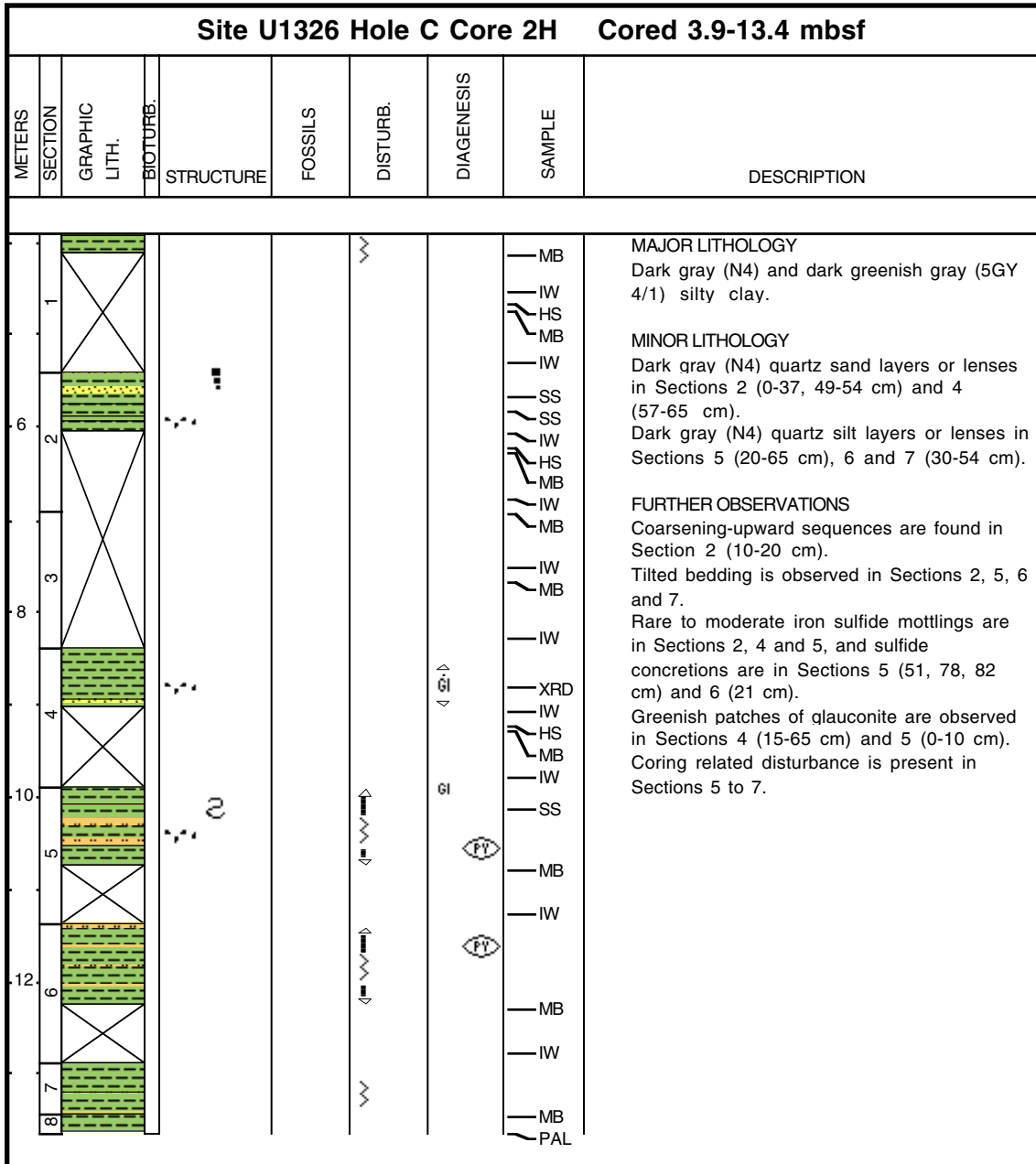


Core Photo

Site U1326 Hole C Core 1H Cored 0.0-3.9 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIO TURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1						Wavy lines		MB, IW, HS, MB, IW, SS	<p>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.</p> <p>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).</p> <p>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.</p>
2						Wavy lines	GI, PY, XRD, SS, XRD, IW, HS, MB, IW, HS, PAL		
3								IW, HS, MB, PAL	
4								IW, SS, PAL	



Core Photo



Core Photo

Site U1326 Hole C Core 3H Cored 13.4-22.9 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
14	1							SS	<p>MAJOR LITHOLOGY 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>MINOR LITHOLOGY Dark gray (N4) silty sand.</p> <p>FURTHER OBSERVATIONS Sections 1-3 are rare;y 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							HS HS HS HS SS	
18	3							IW	
20	4							MB	
20	5							IW	
22	6							SS SS PAL	
22	7								



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
24	1				ss	~ ~ ~		SS	<p>MAJOR LITHOLOGY Dark gray (N4) clay.</p> <p>MINOR LITHOLOGY Dark gray (N4) sand in Sections 1. Dark gray (N4) silt in Sections 3-CC.</p> <p>FURTHER OBSERVATIONS Shell fragments are found in Section 1. Intervals of extreme core disturbance are observed in Sections 1, and 3-CC.</p>
26	2							MB	
	3							XRD SS XRD SS	
28	4					~ ~ ~			
	5					~ ~ ~		PAL	



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
32	1							XRD	<p>MAJOR LITHOLOGY Dark gray (N4) clay.</p> <p>MINOR LITHOLOGY Dark gray (N4) sandy silt.</p> <p>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).</p>
34	2							MB	
36	3							IW	
	4								
	5							IW PAL	



Core Photo

Site U1326 Hole C Core 6X Cored 40.0-49.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
42.0	1						<input type="checkbox"/>	XRD	<p>MAJOR LITHOLOGY Dark gray (N4) silty clay in Sections 1 and 4. Dark gray (N4) clay in Section 5-CC.</p> <p>MINOR LITHOLOGY Dark gray (N4) sand.</p> <p>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.</p>
44.0	2							IW	
	3							SS XRD	
	4							IW	
	5							SS SS PAL	
46.0	6								



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.
	3							SS XRD	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.
	4							SS XRD IW PAL	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)/.



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								<ul style="list-style-type: none"> — XRD — XRD — SS — MB — PAL — SS 	<p>MAJOR LITHOLOGY Dark gray (N4) silt in Section 1 and silty clay in Section CC.</p> <p>FURTHER OBSERVATIONS 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>

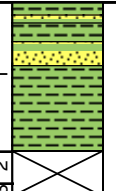



Core Photo

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							MB	<p>MAJOR LITHOLOGY Dark gray (N4) clay.</p> <p>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.</p> <p>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 laminattion is present in Section 4 (7-10). Coring-related disturbance is present throughout the core.</p>
	2							IW	
72	3							SS SS XRD	
	4							SS XRD IW HYD	
74	5							SS PAL	



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							SS SS XRD IW PAL	<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



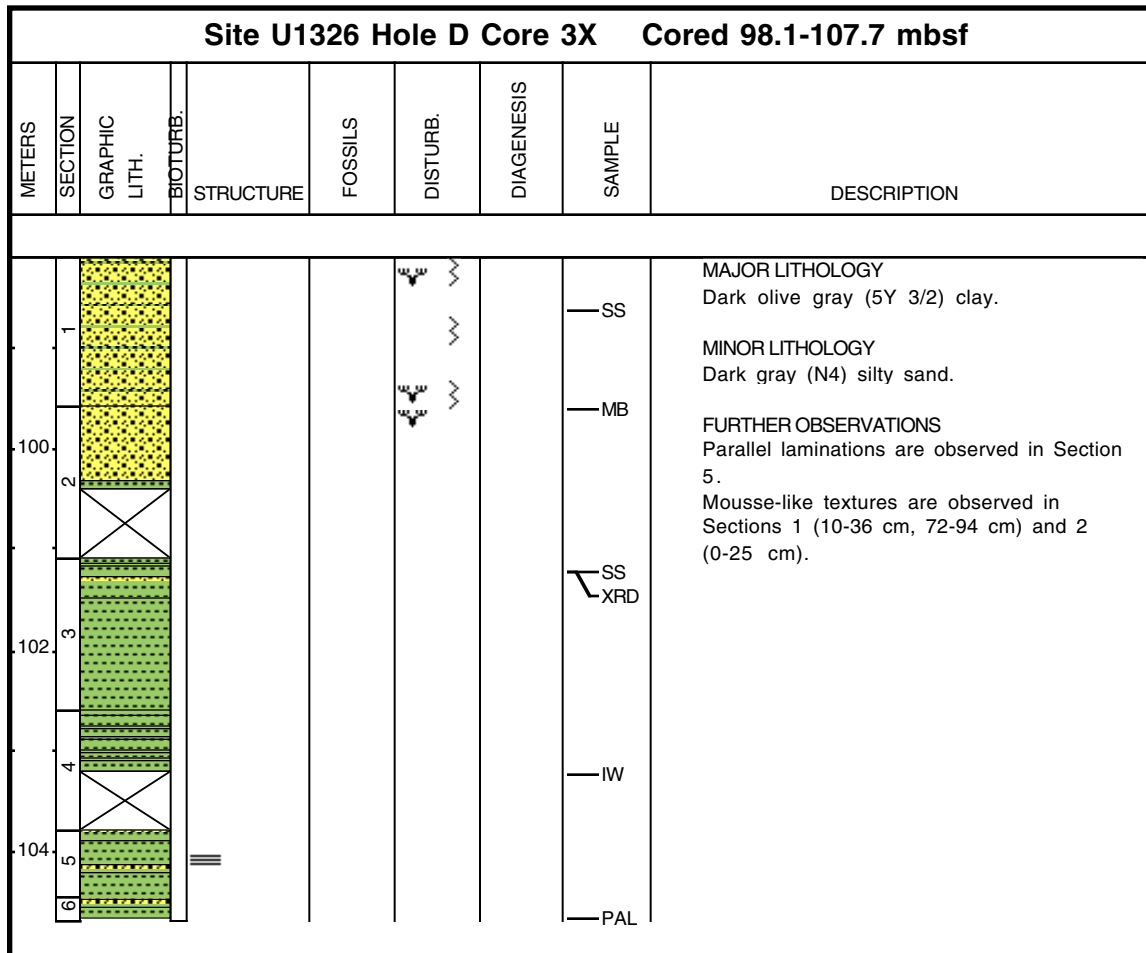
Core Photo

U1326D-1X No recovery

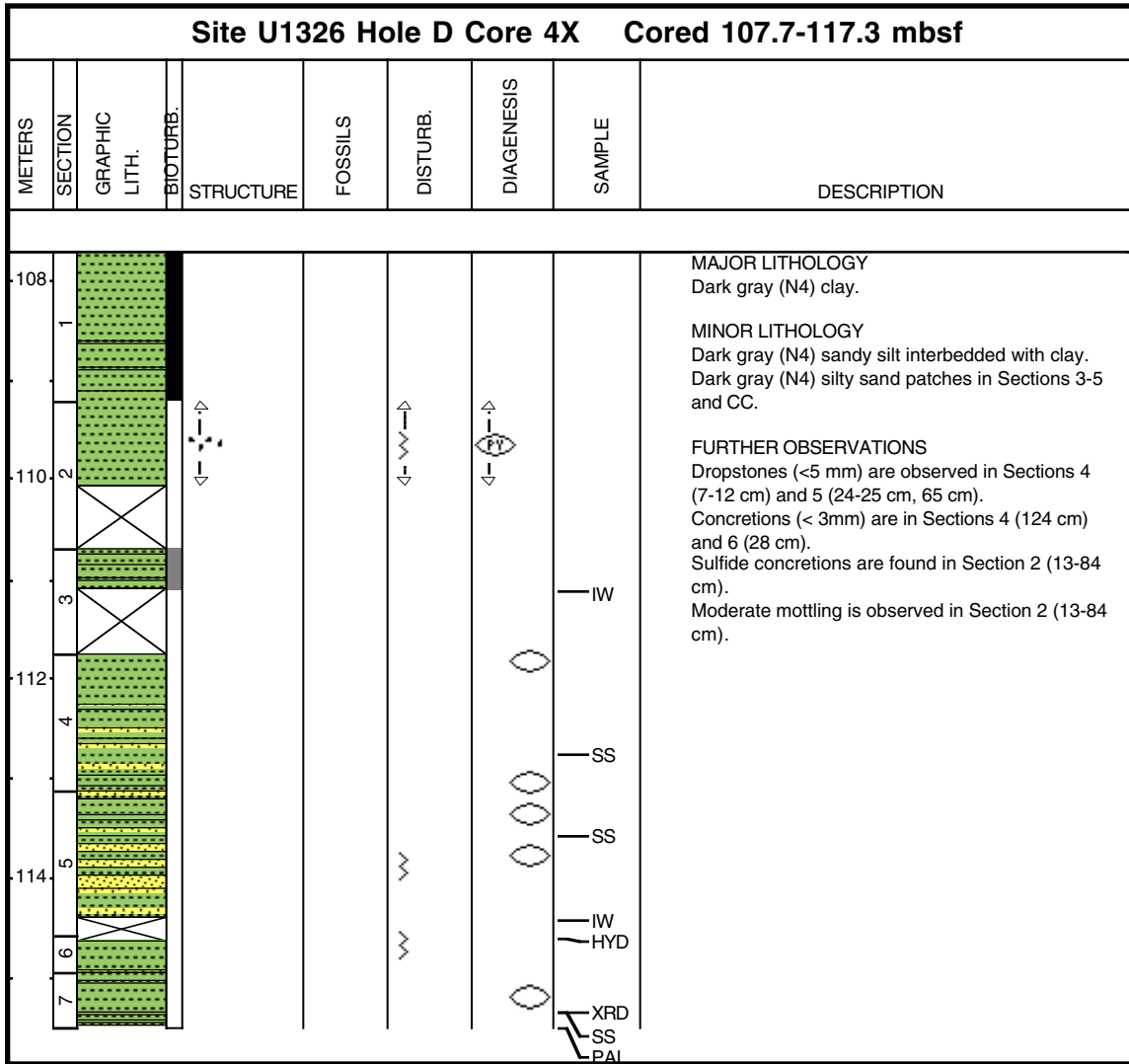
Site U1326 Hole D Core 2X Cored 88.4-98.1 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
1									<p>MAJOR LITHOLOGY Dark gray (N4) silty clay.</p> <p>MINOR LITHOLOGY Dark gray (N4) silt.</p> <p>FURTHER OBSERVATIONS Finning-upward structure is found in Section 4. Mousse-like textures are observed in Sections 1 (64-71 cm) and 4 (50-55 cm).</p>
90	2							— MB — IW	
92	3								
94	4							— SS	
96	5							— SS — IW	
	6								
	7							— PAL	



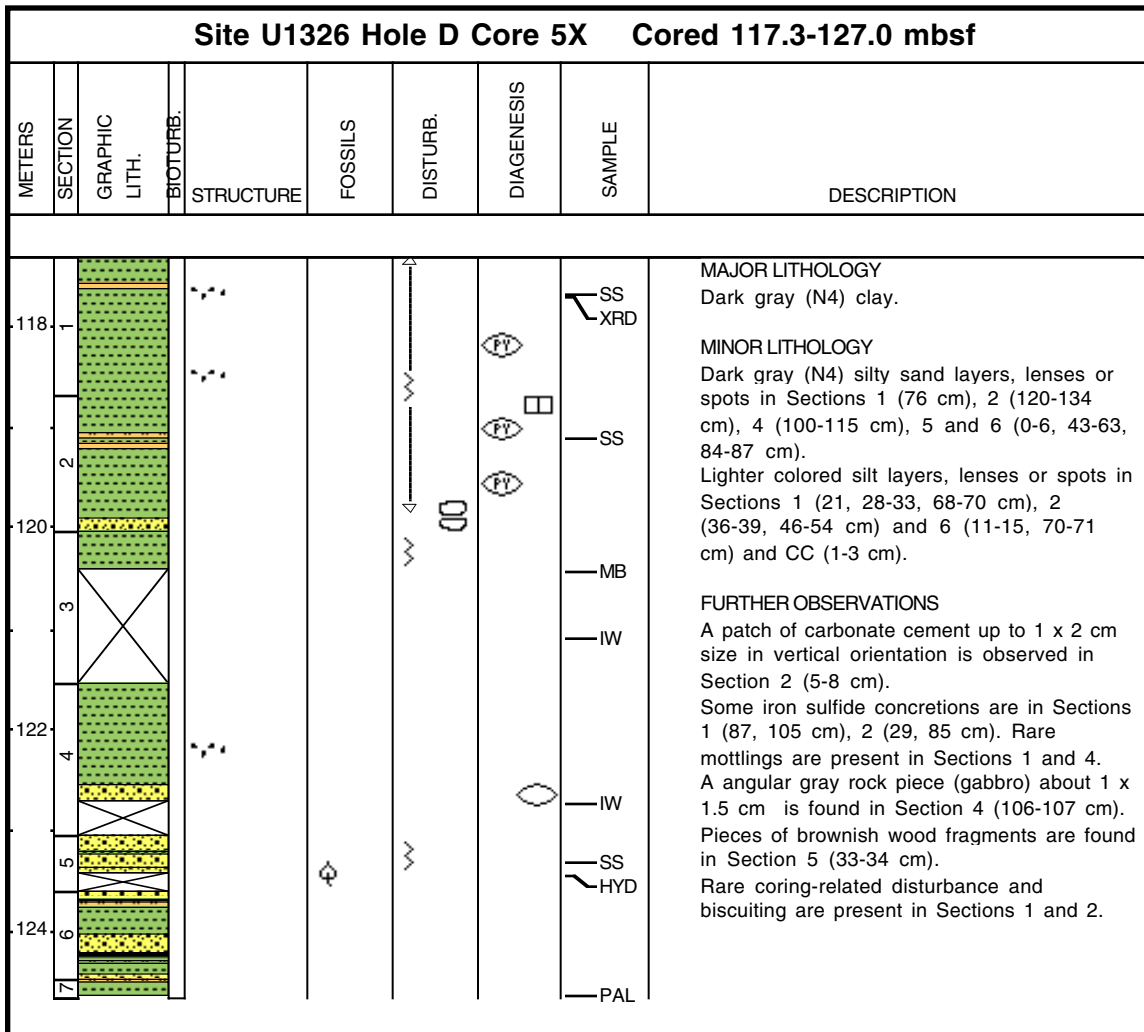
Core Photo



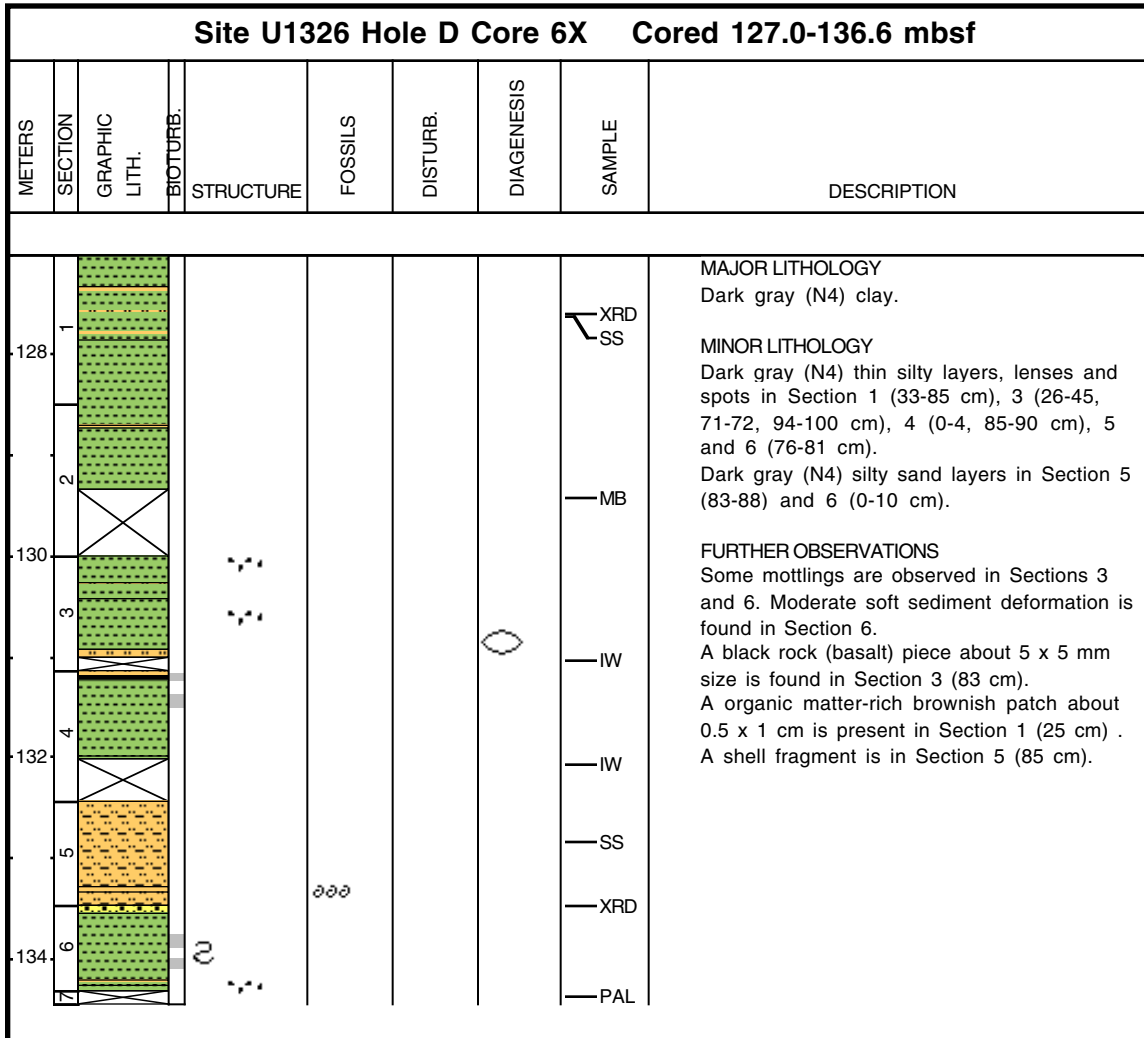
Core Photo



Core Photo



Core Photo



Core Photo

Site U1326 Hole D Core 7X Cored 136.6-146.3 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
138	1							SS IW	<p>MAJOR LITHOLOGY Dark gray (N4) clay.</p> <p>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).</p> <p>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.</p>
140	2							MB IW	
	3							SS XRD	
	4							PAL	



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
148	1							MB	<p>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.</p> <p>MINOR LITHOLOGY Dark gray (5Y 4/1 and N4 mixed) sandy silt in Sections 3 (98-100 cm) and 4 (11-14 cm).</p> <p>FURTHER OBSERVATIO 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 pathces (2-5 mm) are present in Section 1 (12, 20 cm).</p>
148	2							IW	
	3							IW SS	
150	4							XRD SS	
	5							PAL	

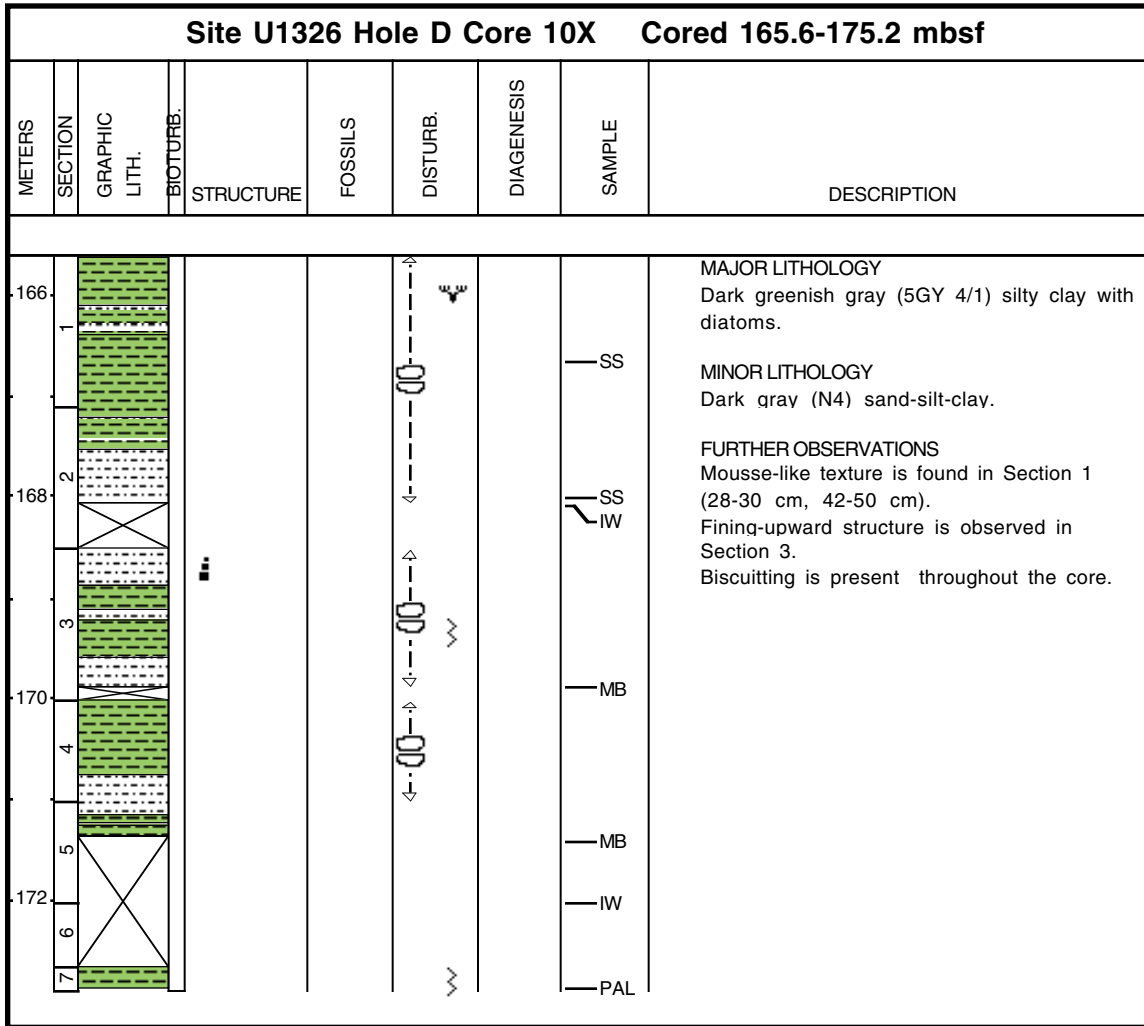


Core Photo

Site U1326 Hole D Core 9X Cored 155.9-165.6 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
158	1							SS XRD XRD IW	<p>MAJOR LITHOLOGY Dark greenish gray (5GY 4/1) silty clay with diatoms.</p> <p>MINOR LITHOLOGY Dark gray (N4) clayey silt in Section 2 (31-33 cm), 3 (12-17 cm) and 4 (25-35 cm).</p> <p>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 achive and working halves.</p>
159	2								
159	3							MB	
159	4							SS IW	
159	5								
160	6							PAL	



Core Photo

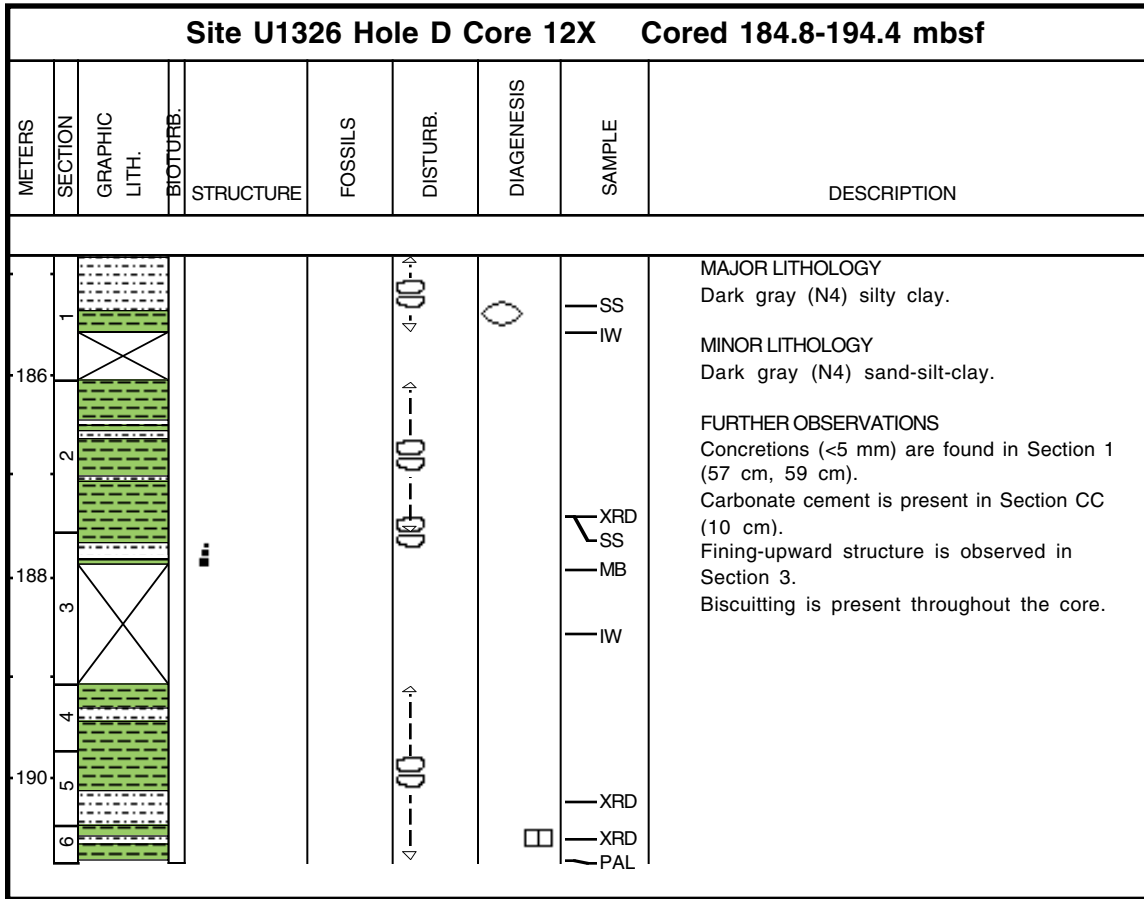


Core Photo

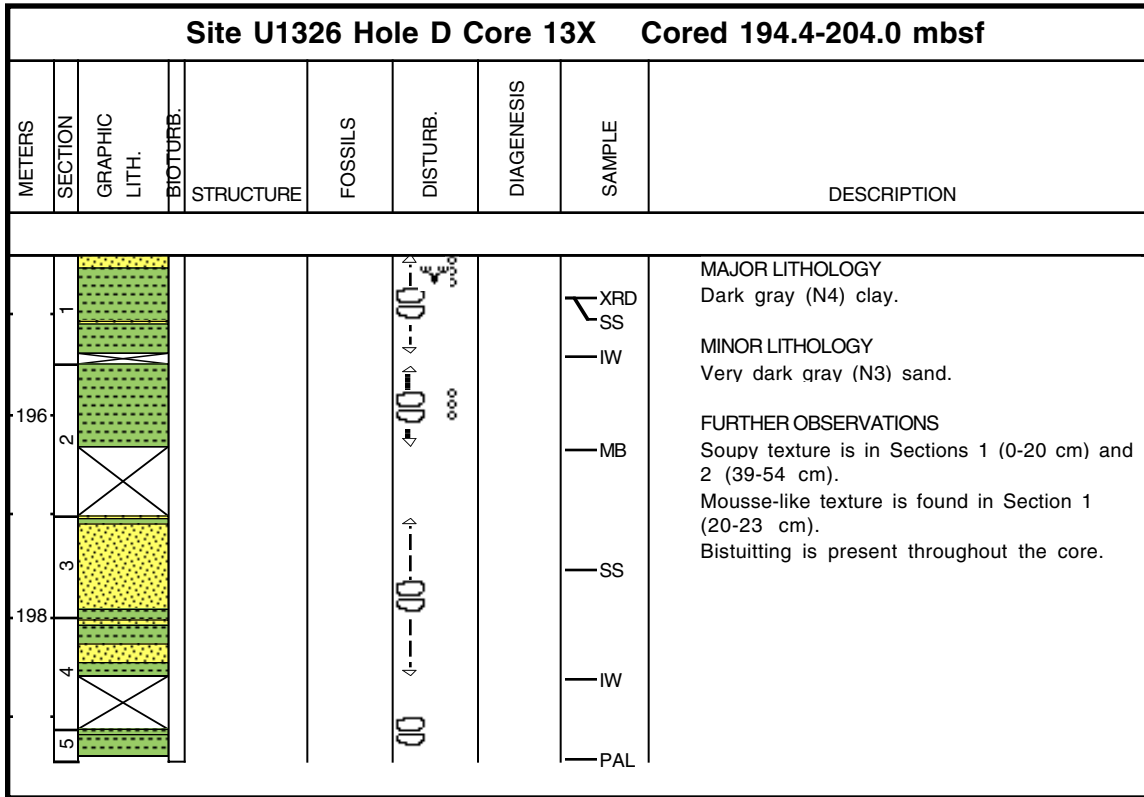
Site U1326 Hole D Core 11X Cored 175.2-184.8 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
176	1							IW	MAJOR LITHOLOGY Dark gray (N4) clay.
178	2							SS	MINOR LITHOLOGY Very dark gray (N3) sand in Sections 1, 2 and 4. Dark gray (N4) silt in Section 5.
180	3							SS XRD	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.
	4							MB	A concretion (<1 mm) is in Section 5 (104 cm).
	5							SS	Biscuiting is present throughout the core.
	6							IW	
								XRD XRD SS PAL	



Core Photo



Core Photo

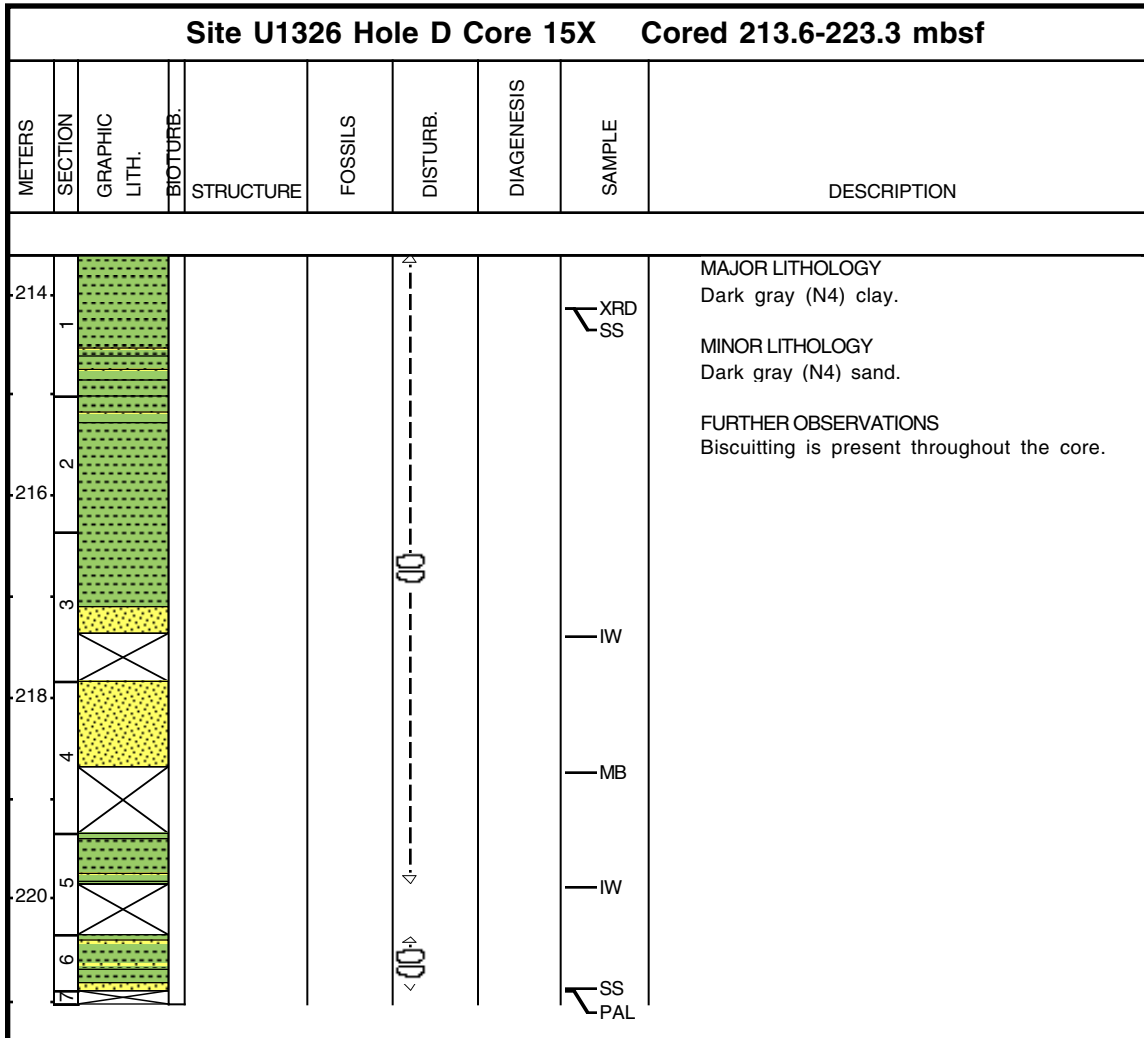


Core Photo

Site U1326 Hole D Core 14X Cored 204.0-213.6 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
210	6							SS	<p>MAJOR LITHOLOGY Dark gray (N4) silty clay. Dark greenish gray (5GY 4/1) silty clay with diatoms in Sections 6 (10-40 cm).</p> <p>MINOR LITHOLOGY Very dark gray (N3) sand.</p> <p>FURTHER OBSERVATIONS Mousse-like texture is observed in Sections 1 (70-103 cm) and 3 (27-35 cm). Fining-upward structure is found in Section 2. Biscuitting is present throughout the core.</p>
	5							SS	
	4							IW	
	3							IW	
206	2							MB	
	1							MB	
	1							XRD	
								PAL	



Core Photo

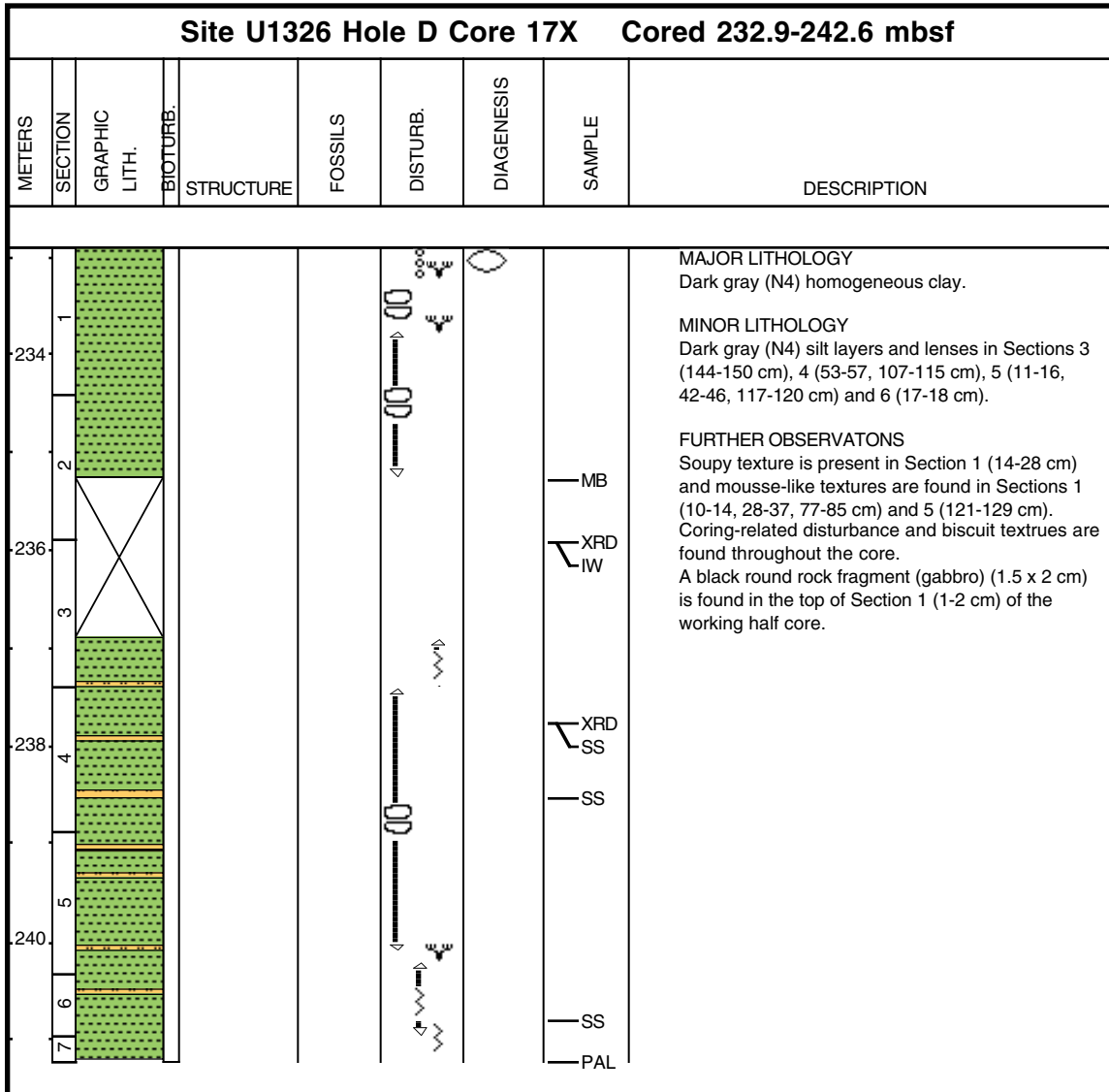


Core Photo

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							XRD	MAJOR LITHOLOGY Very dark gray (N3) clay.
								SS XRD	MINOR LITHOLOGY Dark gray (N4) silt in Sections 1, 3 and 5. Very dark gray (N3) sandy silt in Section 4.
226	2							MB	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.
								IW	Concretions are within the mousse-like texture zone in Section 1.
228	3							SS	A carbonate concretion (<1 cm) is found in section 1 (57 cm). Biscuiting is present throughout the core.
								SS	
								IW	
230	5								
								PAL	



Core Photo




Core Photo

Site U1326 Hole D Core 18X Cored 242.6-252.2 mbsf									
METERS	SECTION	GRAPHIC LITH.	BIO TURB.	STRUCTURE	FOSSILS	DISTURB.	DIAGENESIS	SAMPLE	DESCRIPTION
244	1							MB	MAJOR LITHOLOGY Dark gray (N4) clay.
244	2							HYD	MINORLITHOLOGY Dark gray (N4) sandy layers in Sections 4 and CC (0-4 cm). Dark gray (N4) silty layer in Section CC (13-15 cm).
246	3							XRD SS IW	FURTHER OBSERVATIONS Mousse-like texture is present in Sections 2 (50-68 cm) and 4.
246	4							MB IW HYD HYD XRD SS PAL	Coring-related disturbance and biscuit textures are observed in Sections 2 and CC.
	5								

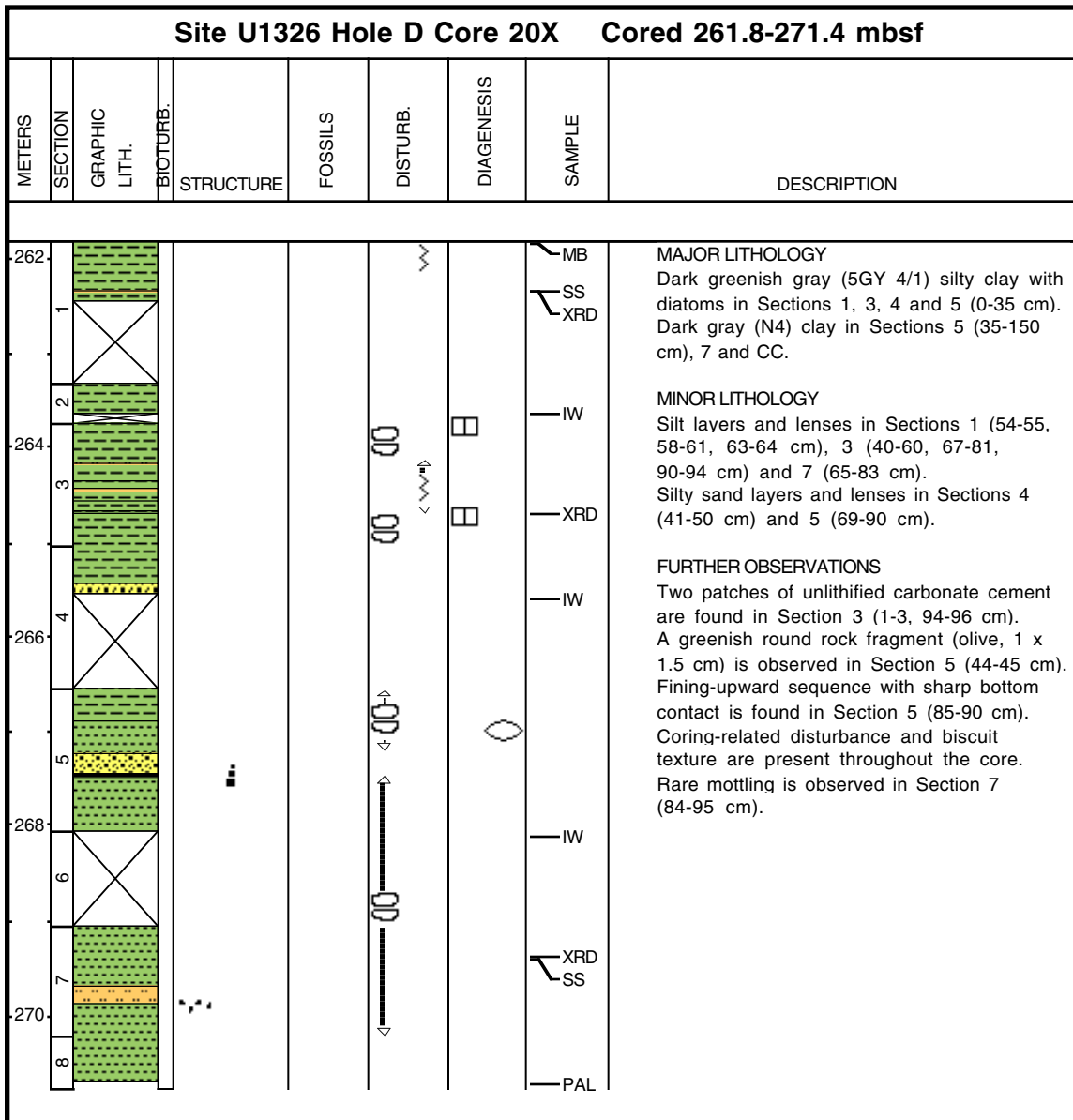


Core Photo

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



Core Photo





Sample reference					Texture %			Biogenic %							Mineral %											Comments	Biogenic opal	Foram nanno							
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	Glauconite	Clay minerals	Carbonate	Calcite				Dolomite	Opaques	Pyrite	Accessory minerals	Rock fragments		
Hole B																																			
1	H	1	63	0.63	D	0	12	88			1					1	3	2	2					87	1			3						0	1
1	H	1	84	0.84	M	90	10	0									25	12												5	56			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		
Hole C																																			
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	
Hole D																																			
2	X	4	83	93.73	M	2	93	5									55	15			3		5				10	7	5				0	0	
2	X	5	30	94.70	D	0	25	75		1					1		15	4			1		75				1	1	1				0	1	
3	X	1	50	98.60	M	70	25	5									75	5					5				6	9					0	0	
3	X	3	12	101.22	D	0	24	76									10	3			2		76				2	7					0	0	
4	X	4	98	112.74	M	25	60	15									55	15			3		15				1	6	5				0	0	
4	X	5	43	113.54	M	70	30	0									40	20									10	10	20						
4	X	5	45	113.56	M	90	10	0		1							60	14									3	7	15				0	1	
4	X	CC	37	115.33	D	0	15	85									6	2			1		85				2	3					0	0	
5	X	1	37	117.67	D	0	22	78									10	5					78				2	4					0	0	
5	X	2	7	118.77	M	0	7	93									5						6	87			1	1			carb cement (crystals 3-5 µm wide)	0	0		



Sample reference					Texture %			Biogenic %							Mineral %											Comments	Biogenic opal	Foram nanno							
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	Glaucanite	Clay minerals	Carbonate	Calcite				Dolomite	Opaques	Pyrite	Accessory minerals	Rock fragments		
Hole D (continued)																																			
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							1		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							4		6			0	0	
9	X	1	18	156.08	M	25	20	55					1				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									5	1					85					4		1			0	0	
11	X	4	26	178.95	M	80	15	5	1								60	11			3	1	5				3		5	10		1	0	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	0
13	X	1	42	194.82	D	0	15	85	2								7	3					85					2					2	0	
13	X	3	51	197.51	M	90	7	3	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									8	2			1		82					2		2	2		0	0	
16	X	3	88	227.18	M	1	90	10									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									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									8	4					80					4		2			0	0	
18	X	2	78	244.43	D	0	21	79									8	4			2		79	1				4			2		0	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									8	4					84					1		2			0	0	
20	X	7	82	269.86	M	2	93	5									47	28										5		15	5		0	0	