

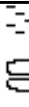






Core Photo

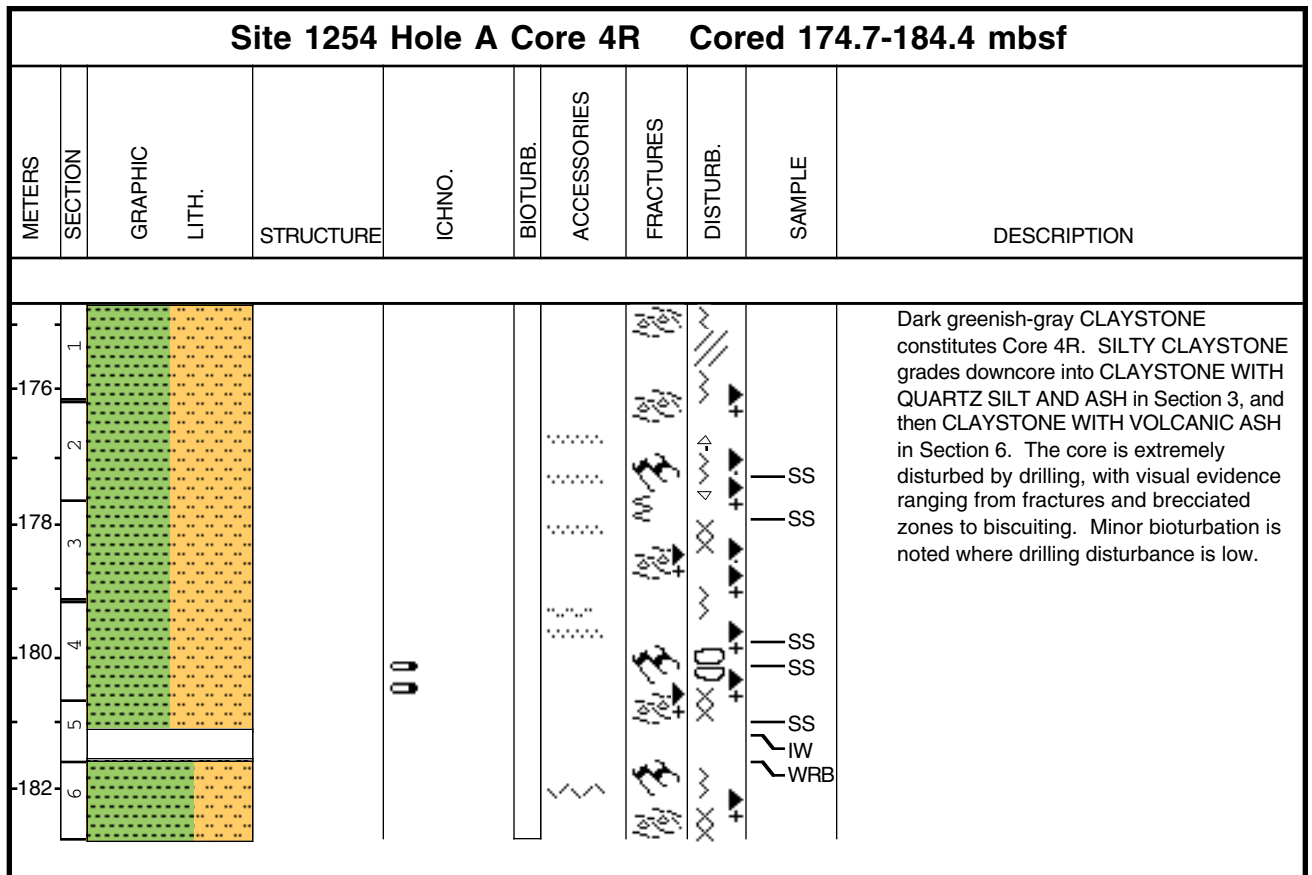
Site 1254 Hole A Core 1R Cored 150.0-155.5 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
152	1								SS	Dark greenish-gray CLAYSTONE WITH SILT constitutes the length of this core, with a subtly darker interval in Section 1, 10-30 cm. The entire core is severely disturbed by drilling, with biscuiting and cracks apparent throughout. Slurry disturbance textures are especially notable at the very top of the core and also in the core catcher. Where more coherent biscuits are visible, the sediment appears to be a massive lithology.
	2						SS			
154	3						SS WRB IW			
	4						SS			
156	5						SS			

Site 1254 Hole A Core 2R Cored 155.5-165.1 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
156	1									Core is dominated by structureless dark grayish green CLAYSTONE and CLAYSTONE WITH QUARTZ SILT. Drilling disturbance has caused strong brecciation locally, especially below Section 5, 135 cm, although this seems to be exploiting a pre-existing fracture cleavage, probably related to a fault zone. There appears to be a minor volcanic ash component throughout the core, with more localized lighter colored bands suggestive of altered ash layers. In Section 1, 80-87 cm and Section 2, 105-108 cm the sediment is a light brownish green VOLCANIC ASH-RICH CLAYSTONE. At Section 1, 61-74 cm a light colored CLAYSTONE may reflect a former ash interval. Silt-grade sediment grains are formed from altered palagonitized volcanic rock and glass fragments. Lower in the core at Section 4, 8-92 cm, the ash is altered to a CLAYSTONE WITH VOLCANIC ASH AND QUARTZ SILT. Evidence of bioturbation is rare, although occasional Planolites burrows are recognized, filled by a gray colored, fine sand grade lithology with minor occurrence of diagenetic pyrite.
158	2									
160	3									
162	4									
	5									
	6									

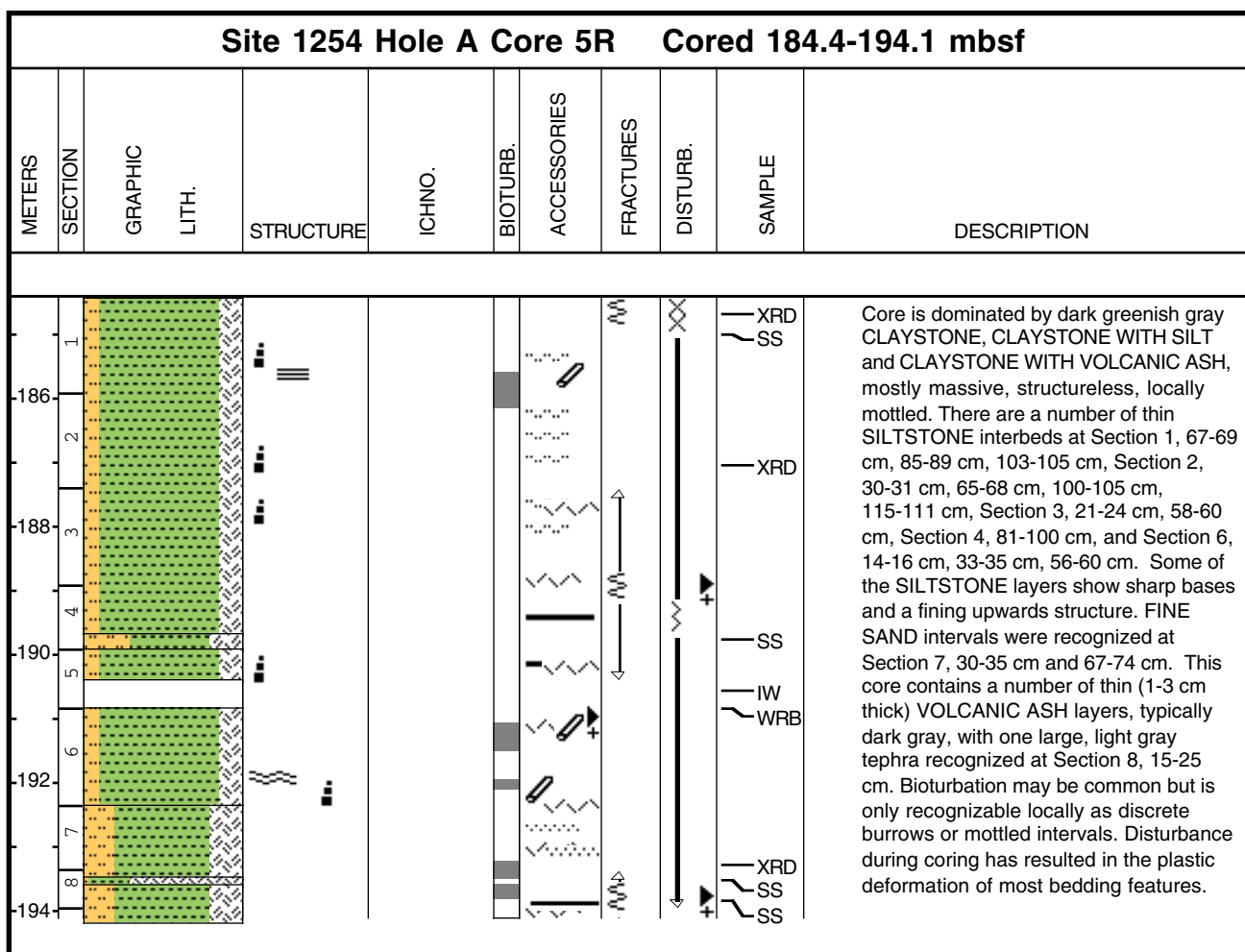
Core Photo

Site 1254 Hole A Core 3R Cored 165.1-174.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE
									DESCRIPTION
166	1								SS
168	2								SS
170	3								SS
	4								WRB
	5								IW
									SS
									SS
									SS
									WRP

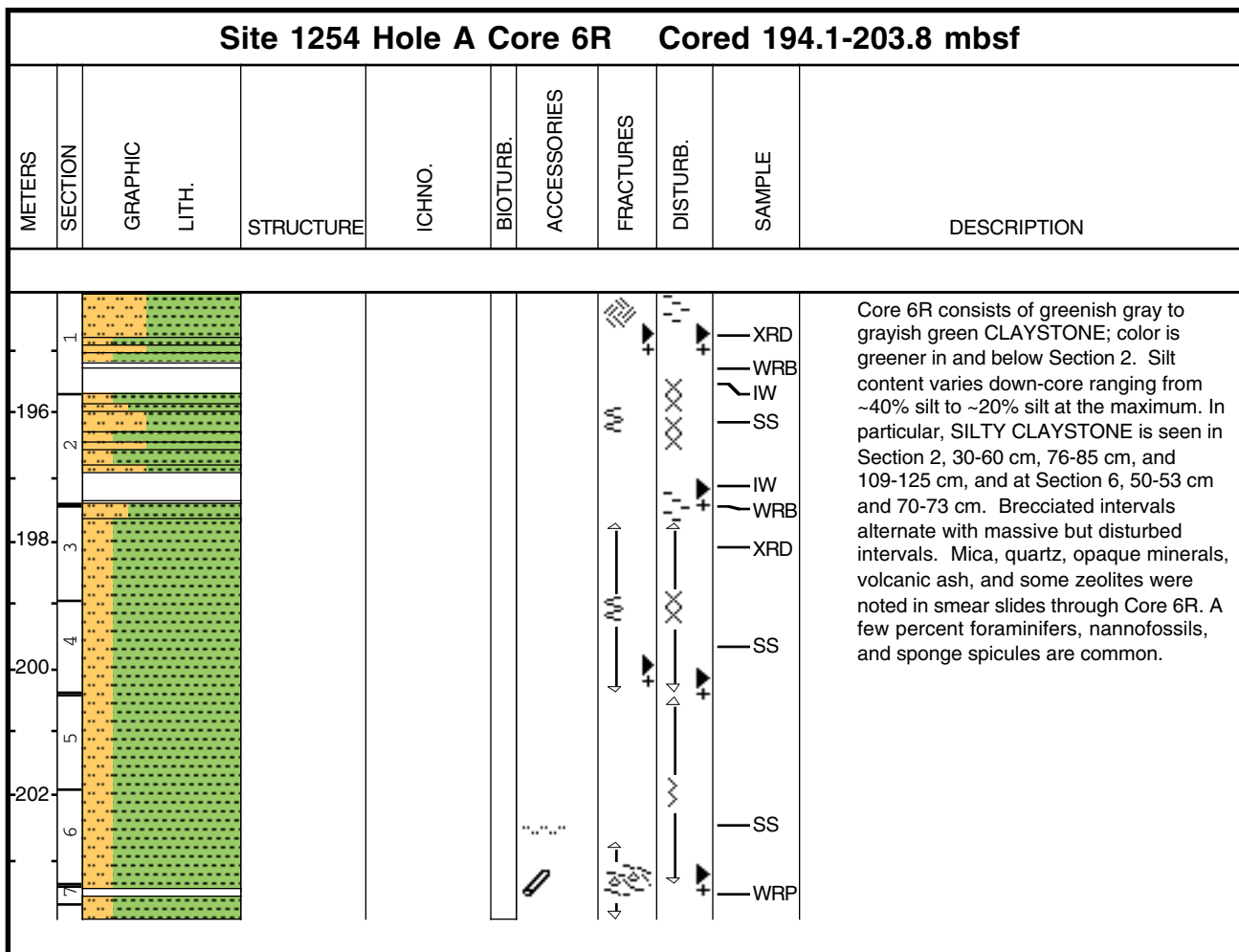
CLAYSTONE with various involvement of accompanying VOLCANIC ASH, VOLCANIC GLASS, and QUARTZ SILT is the dominant lithology in this core. For the upper sections, CLAYSTONE WITH VOLCANIC ASH AND QUARTZ SILT dominates, with burrow fills composed of CLAYSTONE WITH CALCITE noted in Section 1 at 64 cm. Overall, severe drilling disturbance is evident throughout the core, varying from slurry textures to pronounced biscuiting.



Core Photo



Core Photo



Core Photo

Site 1254 Hole A Core 7R Cored 203.8-213.4 mbsf									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE
									DESCRIPTION
1									<p>Core 7R is composed of CLAYSTONE WITH VOLCANIC ASH, with the most clay-rich intervals localizing brecciation. Patches of brecciation are seen in Section 1 at 22 cm, 48 cm, 73 cm, 92 cm, and 103 cm; Section 3 at 103 cm and 113 cm; Section 4 at 18 cm, 33 cm, 72 cm, and 91 cm; Section 5 from 8-20 cm; and throughout the core catcher. Smear slide examination of the tan-colored nodule in Section 1 at 99 cm showed it to be CLAYSTONE WITH VOLCANIC ASH AND OPAQUE MINERALS, with less than 5% each of zeolites, volcanic glass, and biogenic material.</p>
-206	2								
-208	3								
	4								
	5								
-210	6								
-212	7								
									<p>SS XRD SS IW WRB XRD SS</p>

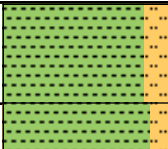






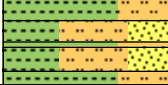







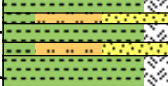


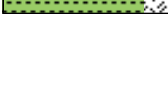


Core Photo

Site 1254 Hole A Core 8R Cored 213.4-223.0 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
214	1									Core comprises mostly SILTY CLAYSTONE and CLAYSTONE, colored dark greenish gray, and massive in character. Thin FINE SAND intervals are noted in Section 2, 33-34 cm, and 143-146 cm, while a medium gray massive SILTSTONE is seen in Section 7, 22-26 cm. The core is marked by a thick medium gray VOLCANIC ASH in Section 8, 22-65 cm. The total thickness of the ash is unknown because this is the base of the core. The ash shows a reverse grading and sharp erosive contact with the overlying CLAYSTONE, which is stained a lighter color for 10 cm above the contact. Evidence for bioturbation is found in the form of occasional, lighter colored PACKSTONE-filled burrows (<1 cm across) of undetermined ichnospecies. Mottling is also recorded and interpreted as the product of pervasive moderate bioturbation. Drilling disturbance is locally strong (especially at Section 6, 22-40 cm), but generally less than in the overlying cores.
216	2									
218	3									
220	4									
222	5								IW WRB XRD	SS SS SS
224	6									
226	7									
















Core Photo

Site 1254 Hole A Core 9R Cored 300.0-309.7 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
302	1									<p>This core is strongly disturbed by drilling so that few original sedimentary structures are visible. In places the drilling has resulted in the formation of small neptunian dikes, most notably at Section 6, 56 cm, where a more sandy lithology injects into the dominant lithologies of SILTY CLAYSTONE and CLAYSTONE. These dark greenish gray sediments are typically structureless, and reveal significant amounts of altered volcanic ash particles within the matrix when inspected by microscope. More sandy layers identified as CLAYSTONE WITH VOLCANIC ASH, FELDSPAR AND OPAQUE MINERALS and as CLAYSTONE WITH VOLCANIC ASH AND OPAQUE MINERALS are distinguished as darker layers at Section 2, 73-75 cm, Section 3, 60 cm, 78-83 cm and 138 cm. Lower in the core the sandy and clay-rich sediments are interlayered on a 1-2 cm scale. A clay:sand ratio of 3:1 is typical in these intervals at Section 4, 41-79 cm, 91-100 cm and Section 6, 43-85 cm. Bioturbation may be common but is largely obscured, except for the identification of a single burrow at Section 1, 101 cm.</p>
	2									
304	3									
	4									
306	5									
	6									



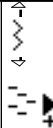



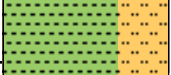


Core Photo

Site 1254 Hole A Core 10R Cored 309.7-319.3 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
310	1									<p>This core comprises a sequence of generally fine-grained CLAYSTONE, CLAYSTONE WITH SILT and SILTY CLAYSTONE that are highly deformed throughout, due to catastrophic dewatering during coring. This process has resulted in the formation of the "spiralized" sediment texture described at ODP Site 1040 over the same depth interval. Original sedimentary structures are rarely preserved and generally consist of more sandy or silty intervals within the clay-rich background. Such coarser grained lithologies are also found in small pods or tubes (2-4 cm across) within the core, although it is not clear whether these reflect original burrowing or disturbance during recovery. Only in Section 7, 125-140 cm can convincing interbedded sandy and silty lithologies be seen and related to depositional processes. This interval is overlain by a dark brownish green interval of more clay-rich sediment (Section 7, 100-125 cm). No original tephra layers were identified, but volcanic glass shards showing various degrees of alteration are found scattered through the sediment, accounting for up to 15% of the total mass in Section 7.</p>
312	2								SS	
314	3									
316	4								SS	
318	5								IW	
	6								SS	
	7								SS	
	8								SS	

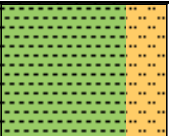





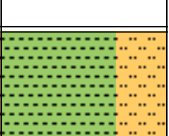


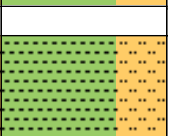


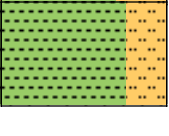
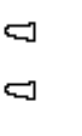







Core Photo

Site 1254 Hole A Core 11R Cored 319.3-328.9 mbsf									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE
									DESCRIPTION
320	1								IW WRB THS THS XRD
322	2								
324	3								
326	4								
328	5								SS XRD IW WRB SS
	6								
	7								XRD

This core comprises a sequence dominated by fine-grained CLAYSTONE, and SILTY CLAYSTONE. Drilling disturbance is strong throughout the core. From the top of Section 1 down to Section 2, 55 cm, original sedimentary structures are occasionally preserved and generally consist of more sandy or silty intervals within a clay-rich background (e.g., Section 1, 25-32 cm and Section 2, 16 cm). Another sandy interval was noted in Section 2, 41 to 53 cm, but appeared to have gradational transition at the base and top contacts. The lower part of the core consists of a uniform structureless CLAYSTONE, and SILTY CLAYSTONE. No original tephra layers were identified, but volcanic glass shards, showing various degrees of alteration are found in small amounts scattered through the sediment. In Section 2, 28 to 32 cm a light olive gray, hard nodule of MICRITIC LIMESTONE was interpreted as a redeposited clast within a muddy debris flow.

Site 1254 Hole A Core 12R Cored 328.9-338.5 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
330	1								SS IW WRB	<p>Dark greenish gray SILTY CLAYSTONE persists through Core 12R. Moderate to extreme core disturbance is visible in deformed zones throughout the core and slurry textures near the top of Section 2 and in the core catcher. Deep fractures (<2 cm in length) in Section 2 at 78 cm, 114 cm, 120 cm, 132 cm, and 142 cm are parallel to the direction of coring and also demonstrate coring disturbance. Fine dark green gray sand laminae are noted in Section 1, 38-50 cm, and Section 2, 109-110 cm. Small (<2 cm) diffuse pods of cryptic, tan, mixed silt and clay are noted at Section 1, 21 cm, and Section 2, 29 cm. The juxtaposition of more massively deformed (e.g., Section 2, 70 cm) and microbrecciated (e.g., Section 3, 99-104 cm) intervals downcore suggest local mineralogic or textural control of sediment rheology.</p>
332	2								SS XRD	
	3								SS	

Core Photo

Site 1254 Hole A Core 13R Cored 338.5-348.1 mbsf									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE
									DESCRIPTION
340	1							SS	<p>Core 13R consists of dark greenish gray SILTY CLAYSTONE. Spiral deformation (e.g., Section 5, 30-70 cm) dominates the core, with minor better preserved intervals of foliated breccia (e.g., Section 2, 66-70 cm). Coring disturbance is also evident in drilling related gouges in the core in Section 7, at 103 and 114 cm. Small nodules/concretions of light olive tan calcareous material persist in the core: Section 1, 10 cm, 73 cm, 109 cm, and 116 cm; Section 2, 5 cm, 12 cm, 18 cm, and 20 cm; Section 3, 35 cm, 44 cm, 50 cm, and 52 cm; Section 4, 15cm, 50 cm, and 67 cm; and Section 6, 50 cm. Diffuse zones with fine sand and silt, typically dark gray in color, are present in the core at Section 3, 10-30 cm and 80-85 cm, Section 4, 17-24 cm and 93-94 cm. The same dark gray sandy silt becomes more localized in patches at Section 5, 3-5 cm, Section 6, 70-90 cm, Section 7, 5-60 cm, and Section 8, at 2 cm and 8 cm. Overall, the core is moderately to extremely disturbed, with calcareous nodules and mottles or patches of sandy silt representing preexisting sedimentary components.</p>
342	2							SS	
	3							IW WRB SS	
344	4							IW WRB	
346	5							SS	
	6							SS	
348	7							SS	

Core Photo

Site 1254 Hole A Core 14R Cored 348.1-357.7 mbsf									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE
									DESCRIPTION
350	1								SS
352	2								SS
354	3								IW
356	4								WRB
	5								XRD
	6								SS
	7								SS
									SS
									IW
									WRB
									SS
									XRD
									THS

This core is dominated by generally massive dark greenish gray CLAYSTONE and SILTY CLAYSTONE. Within this fine-grained background there are a number of minor coarser grained interbeds of CLAY-RICH SILTSTONE (Section 1, 85-150 cm), SILTY CLAYSTONE (Section 2, 52-83 cm) and FINE SANDSTONE (Section 3, 85-97 cm; Section 7, 40-109 cm). The FINE SANDSTONE in Section 7, 40-109 cm shows parallel lamination, now steeply tilted (>45°), suggestive of original sedimentation by current activity. The intensity of core disturbance varies from weak to strong, with both massive sections (e.g., Section 5, 0-100 cm) and locally brecciated zones (e.g., Section 7, 20-40 cm) being recognized. The sediment is disturbed by moderate bioturbation. Occasional burrows infilled by CALCAREOUS CLAYSTONE WITH VOLCANIC ASH are recognized at Section 1, 120 cm, Section 2, 5-25 cm, and Section 4, 100-145 cm. In the core catcher, 20-23 cm, an angular cobble of calcite-cemented FINE SANDSTONE was identified, and contrasts markedly with the poorly consolidated sands in the overlying Section 7. This cobble contains bivalve fragments and peloidal limestones indicative of formation in shallow-water environments.

Site 1254 Hole A Core 15R Cored 357.7-362.7 mbsf										
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE	DESCRIPTION
358	1									<p>Core 15R consists of CLAYSTONE, CLAYSTONE WITH SILT, and CLAYSTONE WITH VOLCANIC ASH . Proportions of volcanic ash, quartz silt, quartz sand show significant variability along the length of the core, but are typically in the minority. Diatoms are also seen and are usually well preserved, but only below Section 2, 142 cm. A number of tectonic features are seen throughout the core. Section 1, 25-37 cm shows a shear induced foliation, while below at Section 2, 60-121 cm a scaley fabric is observed. An interval of olive SILTY CLAYSTONE shows parallel laminae in Section 2, 133-145cm and marks the transition from largely diatom-free sediment above to diatom abundant below. This transition is interpreted as the lithological expression of the main décollement surface. Immediately below this transition the sediment in Section 4 is finer-grained CLAYSTONE, with a well developed scaley fabric. The entire core exhibits features of drilling disturbance, including drilling brecciation.</p>
	2									
360	3									
362	4									

Core Photo

Site 1254 Hole A Core 16R Cored 362.7-367.5 mbsf									
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHO.	BIOTURB.	ACCESSORIES	FRACTURES	DISTURB.	SAMPLE
									DESCRIPTION
364	1								SS
366	2								SS
	3								SS
368	4								IW WRP SS

Core comprises mostly massive and mottled sequences of dark greenish gray CLAYSTONE and CLAYSTONE WITH VOLCANIC GLASS AND DIATOMS. Bioturbation can be seen in more coherent fragments of core, resulting in local mottling (Section 1, 23-36 cm). Burrows are infilled locally by a lighter brownish MICRITE WITH CLAY. In Section 4, 31-72 cm dark greenish gray SILTY CLAYSTONE alternates with FINE SAND intervals, the latter comprises a small minority of the total section.

Hole B CORK II/OsmoSampler Hole (No Recovery)

Sample					Texture			Mineral														Biogenic														Rock										Comments
Core	Core type	Section	Top	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory minerals	Calcite	Clay Mineral	Dolomite	Feldspar	Glaucinite	Mica	Opakes	Quartz	Volcanic Glass	Zeolite	Carbonaceous shell fragments	Diatoms	Discoaster	Foraminifers	Gastropod	Mollusk	Nannofossils	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Bioclasts	Carbonate Grains	Cement	Micrite	Pellets	Rock Fragment	Volcanic Ash										
Hole A																																														
1	R	2	33	151.83	D	0	40	60		5	57		2		5	2	20		2			1				2		1								3		Claystone with quartz silt								
1	R	3	28	153.28	D	0	50	50		3	48		3		5	3	30	2					1													5		Silty Claystone								
1	R	4	30	154.17	M	0	30	70		2	70		1				16	5	2				3					1											Claystone with quartz silt							
1	R	5	31	155.18	D	0	40	60			60		2		2	2	17	5					3			5		1								3		Claystone with quartz silt								
2	R	1	63	156.13	M	0	10	90		2	81				1	3	5	3	1			2						2												Claystone						
2	R	2	76	157.76	D	0	10	90			88				2		5	2	2				1																	Claystone						
2	R	2	105	158.05	M	0	40	60		2	60						1		3				2			2											30		Volcanic ash rich claystone							
2	R	4	84	160.84	M	0	20	80		7	51		1		5	1	10		1				1						2							1	20	Claystone with volcanic ash and quartz silt								
2	R	5	60	162.20	D	0	30	70		3	66		3		2	5	15									2		2									2		Claystone with quartz silt							
3	R	1	64	165.74	M	0	10	90		20	70		1				2	3								3		1												Claystone with Calcite						
3	R	1	83	165.93	D	0	30	70	2		53						15	20	7							1		1									1		Claystone with volcanic ash and quartz silt							
3	R	3	60	168.70	D	0	40	60	2	5	50					2	20	20																				1		Claystone with volcanic ash and quartz silt						
3	R	4	85	170.60	M	0	10	90	1	3		85		1	1	8													1											Claystone						
3	R	4	100	170.75	D	0	30	70	1	3	52						1	30	8	2			1						1								1		Claystone with quartz silt							
3	R	5	20	171.31	D	0	42	58			55		1		2	3	12	3					1			3												20		Claystone with ash and quartz						
4	R	2	111	177.27	D	0	50	50			50		3		2	3	25	2	4				2					1											8		Silty claystone					
4	R	3	25	177.91	D	0	48	52			52				3	5	20	10	5				3					2													Claystone with quartz silt and ash					
4	R	4	60	179.76	M	0	25	75			75				2	3	5									3		2												10		Claystone with ash				
4	R	4	96	180.12	M	0	19	81			81		1		2	8	3						5																		Claystone					
4	R	6	31	181.92	D	0	35	65			59				2	5	8	5					3			4		2												12		Claystone with volcanic ash				
5	R	1	57	184.97	D	0	30	70	1	1	61				1	2	7	2	8							2												3	12	Claystone with volcanic ash						
5	R	4	81	189.71	D	0	35	65	2		50		1	1		5	15	1	5				1			2													2	15	Claystone with volcanic ash and quartz silt					
5	R	8	16	193.51	M	0	70	30	1		25					4	3	62	1									1												3		Volcanic glass with clay				
5	R	8	46	193.81	D	0	40	60	1		54			1	1	5	12	1	5							3														2	15	Claystone with volcanic ash and quartz silt				
6	R	2	38	196.10	D	0	41	59			57				2	8	20						3			2															5		Silty claystone			
6	R	4	70	199.63	D	0	25	75	1		73		2		1	2	5	2	*				2			2		2													8		Claystone			
6	R	6	50	202.43	D	0	11	89			82				1	2	5	2	2				1			2															3		Claystone			
7	R	1	99	204.79	D	0	50	50	1		58			1	1	10	5	3	3							2		1														15		Claystone with volcanic ash and opakes		
7	R	4	54	208.84	M	0	40	60			65					1	2	1	6																							25		Claystone with (altered) volcanic ash		
7	R	7	44	211.64	D	0	40	60	1		55				1	8	3	2	8					1			1															20		Claystone with volcanish ach		
8	R	1	46	213.86	M	0	95	5	1	90	5						2		2																								Calcareous packstone			
8	R	2	88	215.78	D	0	25	75			73	8					4	8	2									2		2														Claystone		
8	R	6	106	220.71	D	0	20	80			73	5				4	4	8									3	2																Claystone		
8	R	8	45	222.60	D	10	70	20	2				2		1	5	2	88																										Volcanic ash		
8	R	8	50	222.65	M	5	85	10			8					40	1	51																										Volcanic ash and ppaque mixed sediment		
9	R	1	105	301.05	D	0	34	66			61		3		2	2	10						2				5																15		Claystone with ash and quartz silt	
9	R	1	138	301.38	M	0	37	63			63		2			10	5	5																										15		Claystone with ash and opaque minerals
9	R	3	75	303.75	D	0	42	58		2	58				3	5	10	2																										20		Claystone with ash and quartz
9	R	4	93	305.43	M	10	40	50		2	42		10			10	8	5	3							5																		15		Claystone with ash, feldspar and opaque minerals
9	R	6	70	306.65	D	0	12	88		0	85						3	2	0							3		2																5		Claystone
10	R	4	84	315.04	M	0	40	60	5		45					15	5	25	5																										Claystone with volcanic ash and opaque minerals	
10	R	7	49	317.67	D	0	5	95	3	2	69			1	1	2	5	15								2																			Claystone with volcanic ash	
10	R	7	117	318.35	M	0	40	60	8	5	64			2		2	15	2	2																										Claystone with quarz silt	

Sample					Texture			Mineral										Biogenic										Rock					Comments					
Core	Core type	Section	Top	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory minerals	Calcite	Clay Mineral	Dolomite	Feldspar	Glauconite	Mica	Opauques	Quartz	Volcanic Glass	Zeolite	Carbonaceous shell fragments	Diatoms	Discoaster	Foraminifers	Gastropod	Mollusk	Nannofossils	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Bioclasts	Carbonate Grains	Cement		Micrite	Pellets	Rock Fragment	Volcanic Ash	
Hole A (continued)																																						
10	R	7	140	318.58	M	0	40	60	1	30	63			2		0	3	1																				Claystone with calcite
11	R	2	30	320.83	M	0	11	89		45	44					3	3	5																				Calcite clay mixed sediment
11	R	5	26	325.30	D	0	22	78			78		1		1	3	8	2										2									5	Claystone with silt
11	R	6	33	326.45	D	0	15	85	2		76					3	3	8	5										3									Claystone
12	R	1	22	329.12	M	0	15	85	2	36	48				2	1	3					8																Calcite rich claystone
12	R	2	108	331.46	D	40	35	25	3		25		4		5	5	30																				28	Fine sand with clay
12	R	3	126	333.14	D	0	30	70	2		69	1	1	1	2	12	10	2																				Claystone with glass and quartz silt
13	R	1	73	339.23	D	0	25	75	2	2	67	2		2	1	3	5	2				1	2			5											8	Claystone
13	R	3	44	341.94	M	0	65	35		59	35				1	*	3						2															Clay-rich grainstone
13	R	4	14	343.14	D	0	30	70	2		68	3		1	6	6	4									2											8	Claystone with silt
13	R	7	85	347.49	D	0	24	76			72	2		3	5	5	2					2					3		1								5	Claystone with volcanic ash
14	R	1	93	349.03	D	10	20	70			67	2			3	5	5			10		2															15	Claystone with silt
14	R	2	28	349.88	D	5	25	70			59	5			10	8		2				3						1									12	Claystone with ash and opaques
14	R	4	104	352.30	M	0	40	60		57	25				5	3					*																10	Calcareous claystone with ash
14	R	5	40	353.16	D	0	21	79			79	2		3		5	2			3		1															5	Claystone
14	R	7	26	355.04	D	0	27	73			73	1		3	5	8		2		2								1									5	Claystone
15	R	2	40	359.60	D	0	30	70			67	2			5	8	3	2								3											10	Claystone with volcanic ash
15	R	4	1	361.16	D	0	49	51			47	2		2	5	15	7			5		2			4		3										8	Claystone with silt
15	R	4	50	361.65	D	0	39	61			56				1	2	5	1	3		10	1	3		5		4	1									8	Claystone with diatoms
15	R	4	95	362.10	D	0	45	55			53	1		3		5	15			10		3		2			8											Claystone with glass and diatoms
16	R	1	24	362.94	M	0	35	65		57	15				1			3	1		8		4				3	6									2	Micrite with clay
16	R	2	92	365.12	D	0	45	55		2	55				3	2	5	15			10		3				3											Claystone with glass and diatoms
16	R	2	107	365.27	D	0	30	70			70					2	2	8	2		7						6										3	Claystone
16	R	4	54	367.18	M	0	52	48			48				1	4	3	25			10		2				4										3	Claystone with glass and diatoms
11	R	2	29	320.82	M	50	30	20	1				6	1		1	3			1		3							3	15		44	15	7			(TS) Micritic limestone	
14	R	CC	22	356.08	M	50	30	20	1				7	2	1		5			5			7	2	1				5	12	3	25	10	14				(TS) Calcareous Sandstone