Leg: 144 Site: 871

Sample			Texture data			Mineral							Biogenic																			Rock													
Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Chalcedony	Clay	Fe Oxide	Feldspar	Manganese Oxide	Pyrite	Volcanic Glass	Algae	Bivalves	Bryozoa	Coral	Diatoms	Discoaster	Echinoid	Fish Remains	Foraminifers	Gastropod	Mollusk	Nannofossils	Ostracod	Plant Debris	Pteropod	Radiolarians	Red Algae	Silicoflagellates	Sponge Spicules	Bioclasts	Calcareous Fragments	Carbonate Grains	Carbonate Particles	Cement	Intraclasts	Micrite	Microspar Cement	Organic Debris	Organic Matter	Pellets	Peloids	Spar Cement	Volcanic Ash
A-1-01, 70	.70	D	70	10	20																80			20							*		*												
1-01, 75	.75	D	60	10	30																70			30																					
1-01, 130	1.30	D	70	10	20																80			20				*			*														
1-02, 10	1.60	D	60	10	30																70			30							*														
1-02, 70	2.20	D	60	10	30												*				70			30																					
1-03, 70	3.70	D	70	10	20																80			20							*														
1-04, 70	5.20	D	50	20	30																70			30																					
1-05, 70	6.70	D	70	20	10																90			10									*												
1-CC, 10	7.28	D	60	20	20																80			20																					
2-02, 70	9.70	D	60	10	30																60			40																					
2-04, 70	12.70	D	30	10	60																40			60											*										
2-06, 70	15.70	D	50	10	40																60			40							*		*												
2-06, 72	15.72	D	50	10	40																59			40							*		*		1									*	
3-01, 40	17.40	D	15	20	65																23			75											2										
3-05, 30	23.30	D	70	15	15																75			25							*				*										
4-02, 69	28.69	D	60	10	30													*			60			40																					
4-05, 69	33.19	D	70	10	20																70			30							*														
5-02, 70	38.20	D	80	15	5																95			5																					
5-04, 70	41.20	D	80	15	5																95			5																					
6-02, 110	48.10	D	90	10	0																95			5																					
6-05, 110	52.60	D	90	5	5																95			5																					
7-01, 120	56.20	D	90	10	0																95			5																					
7-02, 120	57.70	D	90	10	0																95			5																					
7-03, 120	59.20	D	80	10	10																90			10																					
7-04, 120	60.70	D	90	5	5																95			5																					
7-05, 120	62.20	D	80	10	10																90			10																					
8-02, 110	67.10	D	90	10	0																99			1																					
8-04, 110	70.10	D	95	5	0																99			1																					
9-02, 100	76.50	D	94	5	1																99			1																					
9-05, 100	81.00	D	95																		95			5																					
10-02, 80	85.80	D	94	5	1																99			1																					
10-04, 80	88.80	D	94	5	1																99			1																					
11-01, 100	94.00	D	85	10	5																95			5																					

Smear-slide summary (%)
M=minor lithology
D=dominant lithology
*= trace

Leg: 144 Site: 871

Sample			Texture data			Mineral							Biogenic																			Rock													
Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Chalcedony	Clay	Fe Oxide	Feldspar	Manganese Oxide	Pyrite	Volcanic Glass	Algae	Bivalves	Bryozoa	Coral	Diatoms	Discoaster	Echinoid	Fish Remains	Foraminifers	Gastropod	Mollusk	Nannofossils	Ostracod	Plant Debris	Pteropod	Radiolarians	Red Algae	Silicoflagellates	Sponge Spicules	Bioclasts	Calcareous Fragments	Carbonate Grains	Carbonate Particles	Cement	Intraclasts	Micrite	Microspar Cement	Organic Debris	Organic Matter	Pellets	Peloids	Spar Cement	Volcanic Ash
11-03, 100	97.00	D	75	20	5																95			5																					
12-02, 80	104.80	D	80	10	10																90			10																					
12-05, 80	109.30	D	70	20	10																90			10																					
13-01, 90	112.90	D	90	5	5																90			8							2														
13-05, 90	118.90	D	90	5	5																90			9							1														
14-02, 39	123.39	D	90	10																	98			2									*												
14-04, 70	126.70	D	80	20																	97			1														2							
14-05, 29	127.79	D	95	5	*																98			1														1							
15-02, 75	132.75	D	95	5	*																95			5														*							
15-06, 75	138.75	D	95	5	*																95			5														*							
15-CC, 10	139.24	D								25			30		1						10											2						7			15		10		
16-CC, 4	139.54	D																			20											10							50		15				
17-CC, 0	145.70	D																			5																	65	20		10				
17-CC, 12	145.82	D																			10																15	10			50		15		
B-1-02, 75	2.25	D	50	20	30																70			30											*										
1-03, 75	3.75	D	55	5	40																60			40											*										
1-04, 75	5.25	D	60	10	30																70			30																					
2-02, 87	8.47	D	35	20	45																55			45							*														
2-04, 10	10.70	D	70	10	20																80			20							*				*										
2-05, 80	12.90	D	50	10	40																60			40							*														
2-06, 60	14.20	D	60	10	30																70			30											*										
2-06, 110	14.70	D	50	10	40																60			40				*			*				*										
3-01, 20	15.80	D	60	10	30																70			30						*	*				*										
3-01, 80	16.40	D	50	10	40			*		*											60			40							*				*										
3-03, 100	19.60	D	70	10	20																80			20							*				*										
3-04, 120	21.30	D	50	10	40																60			40							*				*										
4-01, 80	25.90	D	60	10	30																70			30											*										
5-04, 75	39.85	D	45	40	10																85			15							*														
6-03, 80	47.90	D	90	10	0																99			1																					
7-03, 80	57.40	D	80	20	0																100			*																					
9-03, 70	76.30	D	90	5	5																95			5																					
10-03, 80	85.90	D	75	20	5																95			5							*														
11-03, 80	95.40	D	60	20	20																80			20							*														
13-02, 30	112.40	D	80	18	2																90			8											*										
13-04, 30	115.40	D	90	9	1																98			1														1							
13-06, 30	118.40	D	80	18	2																																								
14-01, 119	121.29	D	80	15	5																94			3														3							
14-03, 100	124.10	D	85	14	1																98			1														1							
14-06, 109	128.69	D	80	19	1																98			1											*			1							
16-CC, 4	133.24	D											1		1					1	25																				15		52		

Leg: 144 Site: 871

Sample			Texture data			Mineral							Biogenic																			Rock													
Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Chalcedony	Clay	Fe Oxide	Feldspar	Manganese Oxide	Pyrite	Volcanic Glass	Algae	Bivalves	Bryozoa	Coral	Diatoms	Discoaster	Echinoid	Fish Remains	Foraminifers	Gastropod	Mollusk	Nannofossils	Ostracod	Plant Debris	Pteropod	Radiolarians	Red Algae	Silicoflagellates	Sponge Spicules	Bioclasts	Calcareous Fragments	Carbonate Grains	Carbonate Particles	Cement	Intraclasts	Micrite	Microspar Cement	Organic Debris	Organic Matter	Pellets	Peloids	Spar Cement	Volcanic Ash
16-CC, 15	133.35	D													2					1	15											5						40	15			20			
17-CC, 1	142.71	M		75	25																					*									100										
C-2-01, 0	133.70	D				2													*		30																	20				40	1		
2-01, 11	133.81	D	80	20																	10				1													89							
2-01, 11	133.81	M	98	2										1							20																20	29				30			
2-01, 51	134.21	D	95	5										1		1					6								3								3	20				30	30		
3-01, 28	143.58	D	98	2															1		10																30	30					20		
4-01, 14	153.04	D	95	5																	20	1			1				1								15	39				20			
4-01, 48	153.38	D	100										1	1							30								1					3			17						45		
5-01, 0	162.60	D	90	10										1							10				2												15	40			15		15		
6-01, 4	172.34	D	95	5															1		20																9	20				20	20		
6-01, 43	172.73	D	100																1		20				1				1													40	22		
8-01, 7	191.57	D																			15				*													30			48				
8-01, 21	191.71	D	90	10										1					3		20																	61							
9-01, 5	201.25	D																			1		1															95							
9-01, 30	201.50	D																	2		30		2															15			40		5		
9-01, 46	201.66	D								1									1		40																5	10			10		15		
10-01, 10	211.00	D																			20		1															74							
10-01, 14	211.04	D														1			*		30		1														40	20	3						
11-01, 5	220.55	D																	*		10																15				40		30		
12-01, 0	230.10	D																			7																	77			13				
13-01, 10	239.90	D																	1		40																5	19	10		20				
14-01, 11	249.61	D																	2		40																3	20	5		25				
15-01, 4	259.24	D																	2		35																	18	5		35				
16-01, 13	268.93	D																	2		50	1															5	10				25	2		
17-01, 4	278.14	D												1							15																	44				20			
19-01, 4	297.24	D																			17																	80							
20-01, 13	307.03	D																			41		1		*													51							
21-01, 0	316.50	D																			5																	90							
21-01, 58	317.08	D																	1		25															40	3					25		
21-01, 72	317.22	D														*			*		25		1														4	5				10	25		
21-01, 102	317.52	D											1								40		4															20			30		5		
21-01, 130	317.80	D												2		20			3		10								15								5						35		
22-01, 19	326.39	D											1		*	*			1		5		8									25						48							
23-01, 22	336.02	D																			4				1													85							
23-01, 37	336.17	D														2			1		30	2															10	5				25	15		
24-01, 0	345.40	D																	1		5		2															84					5		
25-01, 0	355.10	D											*						*		40																5				40		10		
25-01, 13	355.23	D											30								5		*															50	5				5		
25-01, 18	355.28	D											4						*		4						*												40		40				

Leg: 144 Site: 871

Sample			Texture data			Mineral							Biogenic																			Rock													
Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Chalcedony	Clay	Fe Oxide	Feldspar	Manganese Oxide	Pyrite	Volcanic Glass	Algae	Bivalves	Bryozoa	Coral	Diatoms	Discoaster	Echinoid	Fish Remains	Foraminifers	Gastropod	Mollusk	Nannofossils	Ostracod	Plant Debris	Pteropod	Radiolarians	Red Algae	Siliceoflagellates	Sponge Spicules	Bioclasts	Calcareous Fragments	Carbonate Grains	Carbonate Particles	Cement	Intraclasts	Micrite	Microspar Cement	Organic Debris	Organic Matter	Pellets	Peloids	Spar Cement	Volcanic Ash
26-01, 4	364.74	D											10	2					*		43															15		10				*			
27-01, 0	374.30	D											65						1		5											4							10				5		
28-01, 0	383.70	D											30						0		30																		15		10				
28-01, 34	384.04	D											2	1					2		5								40									10					20		
28-01, 105	384.75	D											2	1					1		15								30													1	35		
28-01, 123	384.93	D											1	*							10	*							4													35	35		
29-01, 16	393.56	D																	2		8								30									5					35		
30-01, 47	403.57	D											1		*				1		25	1							5								5					15	40		
32-01, 16	422.66	D									3		1	3	*	*			*		35	1							1									25		1		10	10		
32-01, 60	423.10	D	0	15	85		85		*		*	*																												15					
32-01, 82	423.32	D	60	20	20		*														5			*									95												
32-01, 105	423.55	D	0	10	90																																								
32-01, 106	423.56	D	0	10	90		90		*		*	*																												10					
32-01, 140	423.90	D	0	0	100			100																																					
32-02, 15	424.15	D	0	0	100		100					*																												*					
32-02, 25	424.25	D	0	0	100			100																																					
32-04, 97	427.97	D	0	0	100		100					*																												*					
32-04, 114	428.14	D	0	0	100			100																																					