

Leg: 159		Site: 960				Mineral																					
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data			Apatite	Barite	Biotite	Calcite	Carbonate	Clay	Dolomite	Feldspar	Glauconite	Gypsum	Heavy Minerals	Inorganic Calcite	Kaolinite	Mica	Opal Or Opaline Fragments	Opaques	Oxides	Palygorskite	Pyrite		
				Sand	Silt	Clay																					
A-1-01, 12	.12	D	20	40	40						20			1							2						
3-01, 11	10.71	D	5	35	60						40																1
3-01, 96	11.56	D	10	50	40						34																1
4-01, 103	20.93	D	5	45	50						27																1
4-01, 106	20.96	D	10	50	40						35																*
5-01, 143	31.03	M	10	60	30						15		*								5						1
6-01, 40	39.70	M	5	70	25						22																1
6-01, 81	40.11	D	5	40	55						30																
8-01, 89	59.79	D		20	80							5															
8-02, 48	60.88	D		30	70										5												
8-02, 104	61.44	D		20	80										15												*
8-03, 97	62.87	D	30	30	70										*												
9-01, 103	69.63	D		10	90																						
9-02, 24	70.34	D		30	70																						
10-03, 44	81.74	D	0	30	70									10													
10-04, 70	83.50	D	0	80	20									10													
10-05, 35	84.65	D	40	30	20						20			*													
11-02, 57	90.07	M	30	40	30						20			40													
11-02, 120	90.70	D		30	70						20																
11-02, 138	90.88	D		50	50						85			10													*
13-01, 35	107.65	D	0	40	60						45																15
14-01, 36	117.26	D	5	45	50						45			30													1
15-01, 83	127.43	D	0	15	85						55			10													5
19-01, 52	165.32	D	0	0	100																			100			
20-01, 40	174.90	D	0	5	95						94			*													2
20-CC, 5	175.70	M	0	60	40		8		90																		*
21-01, 43	184.53	D	20	30	50						41	10		30													2
21-01, 122	185.32	D	20	70	10						71			5													2
22-01, 20	194.00	D	70	20	10																						10
22-01, 77	194.57	D	5	95	0																						
22-01, 103	194.83	D	60	35	5																						2
22-02, 28	195.22	D	60	20	20								10														
27-CC, 0	243.57	D	40	40	20								*														
28-01, 50	252.20	D	30	40	30																						
28-02, 78	253.53	D	0	80	20									*													
28-03, 56	254.81	D	30	40	20									*													2
29-03, 84	259.41	D	20	60	20																						
30-01, 19	261.59	D	40	30	30																						
30-01, 66	262.06	D	0	80	20																						
30-01, 73	262.13	D	65	25	10									1													
31-01, 21	271.31	D	20	40	40																						
31-CC, 0	272.24	D	40	30	30								*														
33-01, 88	291.18	D	0	80	20																						
33-01, 92	291.22	D	70	10	20																						
33-01, 98	291.28	D	50	20	30																						
35-01, 64	309.84	D	40	30	30							12	2														
37-01, 63	329.13	D	10	60	30							20	5														2
37-02, 15	329.48	D	60	20	20							2	5														5
37-02, 80	330.13	D	80	10	10							5	5								2						3
41-02, 24	352.74	D		5	95							95															
44-01, 31	362.61	M	0	0	100																						
44-01, 45	362.75	D	0	20	80							70								90							1
44-02, 104	364.84	D	20	70	10							70	2							10							
44-02, 107	364.87	D	10	60	30																						
45-01, 40	367.60	D	0	10	90							84															
45-02, 110	369.80	D	0	20	80	*						75															
45-03, 6	370.26	M	0	30	70		5													60							

SITE 960

Leg: 159		Site: 960		Biogenic														Rock								
Sample				Quartz	Rutile	Siderite	Zeolite	Zircon	Diatoms	Fish Remains	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Intraclasts	Micrite	Ooids	Organic Debris	Organic Matter	Pellets	Rock Fragment	Spar Cement
Hole, core, section, location (cm)	Depth	Lithology																								
A-1-01, 12	.12	D									30	45	2													
3-01, 11	10.71	D	*								14	19	1													
3-01, 96	11.56	D	*								20	20														
4-01, 103	20.93	D	*								10	35	2													
4-01, 106	20.96	D	*								30	35	*													
5-01, 143	31.03	M									20	59														
6-01, 40	39.70	M	*	*	2						15	45	*													
6-01, 81	40.11	D	*		5						10	40	5													
8-01, 89	59.79	D									5	90	*													
8-02, 48	60.88	D									15	80														
8-02, 104	61.44	D									5	80														
8-03, 97	62.87	D									25	75														
9-01, 103	69.63	D									5	95														
9-02, 24	70.34	D									20	80														
10-03, 44	81.74	D									15	70		*	*											
10-04, 70	83.50	D									*	90														
10-05, 35	84.65	D							15		20	35					10									
11-02, 57	90.07	M							*		10	30					*									
11-02, 120	90.70	D							*		5	50									25					
11-02, 138	90.88	D							5			*		*			*									
13-01, 35	107.65	D					35																5			
14-01, 36	117.26	D					10			2	11	1														
15-01, 83	127.43	D	*				25						5													
19-01, 52	165.32	D																								
20-01, 40	174.90	D																								
20-CC, 5	175.70	M																					2			
21-01, 43	184.53	D	2																							
21-01, 122	185.32	D	20							10																
22-01, 20	194.00	D	20																							
22-01, 77	194.57	D	2																							98
22-01, 103	194.83	D	5																							10
22-02, 28	195.22	D	20																							
27-CC, 0	243.57	D	20																							
28-01, 50	252.20	D	10										3													
28-02, 78	253.53	D	10										*													2
28-03, 56	254.81	D	28																							*
29-03, 84	259.41	D	15																							
30-01, 19	261.59	D	15																							
30-01, 66	262.06	D	15																							
30-01, 73	262.13	D	10																							
31-01, 21	271.31	D	5																							
31-CC, 0	272.24	D	10																							
33-01, 88	291.18	D	15								*															*
33-01, 92	291.22	D	5																							
33-01, 98	291.28	D	5																							
35-01, 64	309.84	D	4																							
37-01, 63	329.13	D	43																							
37-02, 15	329.48	D	48																							
37-02, 80	330.13	D	40																							
41-02, 24	352.74	D																								
44-01, 31	362.61	M																								
44-01, 45	362.75	D	1																							10
44-02, 104	364.84	D	15																							25
44-02, 107	364.87	D	50	*																						50
45-01, 40	367.60	D	*	*				*					1													15
45-02, 110	369.80	D	15	*				*					*													10
45-03, 6	370.26	M																								35

Leg: 159		Site: 960		Texture data			Mineral																		
Sample			Sand	Silt	Clay	Apatite	Barite	Biotite	Calcite	Carbonate	Clay	Dolomite	Feldspar	Glaucosite	Gypsum	Heavy Minerals	Inorganic Calcite	Kaolinite	Mica	Opal Or Opaline Fragments	Opakes	Oxides	Palygorskite	Pyrite	
Hole, core, section, location (cm)	Depth	Lithology																							
46-01, 89	372.69	D	30	50	20				40		10								20						*
46-02, 56	373.86	D	70	20	10				30		5		5						20						*
47-01, 33	377.13	D	0	30	70			1			60					1					3				
50-01, 30	391.40	M																10							10
50-01, 52	391.62	D	1	10	90																				
52-01, 24	397.54	D	0	10	90														85						2
52-01, 91	398.21	M	80	20	0													100							
54-01, 124	414.34	D		80	20						65														
54-02, 57	415.17	D	0	20	80						75														5
54-02, 99	415.59	D	0	10	90					45	50														
58-01, 59	432.99	D	0	90	10						5		10												
58-01, 97	433.37	D	0	20	80						82		1												
59-01, 106	438.06	D	80	10	10				50		4		1						10						
59-02, 86	439.12	D	60	30	10								1							15					
59-03, 93	440.69	D	50	30	20								*							15					
60-01, 51	442.51	M	50	40	10								1							5					
60-01, 110	443.10	D	50	30	20								*							10					
60-01, 126	443.26	D	80	10	10						15		*							15					
61-01, 85	447.05	D	40	40	20						25		2							8					
C-1-01, 41	.41	D	5	40	55						15														
1-01, 59	.59	D	50	30	20						15														
3-01, 69	16.39	D	10	20	70						17	*		*											3
3-03, 74	19.44	M	1	9	90						5	*		*					*						2
3-04, 110	21.30	D	10	20	70			*			15														3
4-01, 10	25.30	D	10	40	50									*					5						2
4-03, 22	28.42	D	10	40	50						5			*					*						2
4-06, 86	33.56	D	15	45	40						5			*					*						5
5-01, 80	35.50	D	10	60	30						15														
5-02, 29	36.49	M	2	58	40						36														2
6-01, 73	44.93	D	10	10	80																				2
6-02, 115	46.85	D	5	10	85																				3
7-02, 145	56.65	D	2	78	20						15														
7-03, 35	57.05	M	10	60	30						28														*
7-04, 3	58.23	M	0	30	70						50														1
7-06, 54	61.74	D	0	50	50						35											*			*
8-01, 129	64.49	M	5	10	85						15			10											2
8-03, 73	66.93	M	10	40	50						10														2
8-04, 122	68.92	D	10	20	70						10														3
9-01, 119	73.89	D	15	45	40									*					*						1
9-03, 93	76.63	D	5	35	60									*											*
9-04, 100	78.20	D	15	60	25									*					*						1
10-02, 36	84.06	D		40	60						5														
10-04, 131	88.01	D		40	60										5										
11-01, 80	92.50	D	20	20	60						20														*
11-04, 111	97.31	M	10	15	75						23			*											10
12-02, 3	102.73	D		60	40						20			10											2
12-02, 110	103.80	D	10	50	40						*			*											*
12-03, 121	105.41	D	10	40	60						10			5											1
13-02, 118	113.38	D	5	20	75						34														1
13-03, 139	115.09	D	20	20	60						50														
13-06, 55	118.75	D	10	20	70						40			2											
14-03, 40	123.60	D	0	50	50						15														
14-04, 32	125.02	D	10	10	80						5			20						35	3				3
15-01, 58	130.28	M	0	90	10									5											90
15-03, 2	132.72	D	0	50	50						55			10							20				
15-03, 81	133.51	D	0	25	75						78									10					
15-05, 60	136.30	D	20	50	30						33														1

SITE 960

Leg: 159		Site: 960		Biogenic														Rock							
Sample	Depth	Lithology	Quartz	Rutile	Siderite	Zeolite	Zircon	Diatoms	Fish Remains	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Intraclasts	Micrite	Ooids	Organic Debris	Organic Matter	Pellets	Rock Fragment	Spar Cement
46-01, 89	372.69	D	30																						
46-02, 56	373.86	D	40																						
47-01, 33	377.13	D	30			5																			
50-01, 30	391.40	M	40		40																				
50-01, 52	391.62	D																							
52-01, 24	397.54	D	5		3																	5			
52-01, 91	398.21	M																							
54-01, 124	414.34	D	32									3													
54-02, 57	415.17	D	20																						
54-02, 99	415.59	D	5																						
58-01, 59	432.99	D	83																						
58-01, 97	433.37	D	5																	10		2			
59-01, 106	438.06	D	30									5													
59-02, 86	439.12	D	72									2									10				
59-03, 93	440.69	D	70									5									10				
60-01, 51	442.51	M	74									5									5		10		
60-01, 110	443.10	D	78									2									5		5		
60-01, 126	443.26	D	40		20							10													
61-01, 85	447.05	D	65																						
C-1-01, 41	.41	D	3							30	47	5	*	*											
1-01, 59	.59	D	3							55	27														
3-01, 69	16.39	D								15	30														
3-03, 74	19.44	M								5	25	1		1								61			
3-04, 110	21.30	D								25	15	2		*								35			
4-01, 10	25.30	D								20	25	1			*	1						46			
4-03, 22	28.42	D						*		16	30	1		*								46			
4-06, 86	33.56	D								25	30	1		*								34			
5-01, 80	35.50	D	1	*						10	69	*										5			
5-02, 29	36.49	M	*							5	50	2										5			
6-01, 73	44.93	D	*							15	63											20	*		
6-02, 115	46.85	D								10	55											30	2		
7-02, 145	56.65	D	*	*						10	70	*										5			
7-03, 35	57.05	M			2					20	45	*										5			
7-04, 3	58.23	M			2					5	34	3										5			
7-06, 54	61.74	D	1	*	2					5	50	2										5			
8-01, 129	64.49	M			5					10	51											5		2	
8-03, 73	66.93	M	*		40					10	38												*		
8-04, 122	68.92	D	*		15					10	50											10		2	
9-01, 119	73.89	D	*		2					15	80	2													
9-03, 93	76.63	D	*		*					8	92	*													
9-04, 100	78.20	D	*							29	70	*													
10-02, 36	84.06	D								20	70											5			
10-04, 131	88.01	D								20	65											10			
11-01, 80	92.50	D				*				20	60														
11-04, 111	97.31	M	2			5				10	20	2													
12-02, 3	102.73	D								3	55	5										5			
12-02, 110	103.80	D								20	70											10			
12-03, 121	105.41	D								1	75	5										3			
13-02, 118	113.38	D	*							5	40		20	*											
13-03, 139	115.09	D	2							12	30		5	1											
13-06, 55	118.75	D	*							2	30	1	20	5											
14-03, 40	123.60	D	*							*	55											30			
14-04, 32	125.02	D	1		1	10					5			*								15		2	
15-01, 58	130.28	M	*																						
15-03, 2	132.72	D	*			10							5												
15-03, 81	133.51	D				10				*		1												1	
15-05, 60	136.30	D				5							60											1	

Leg: 159		Site: 960		Texture data			Mineral																	
Sample	Depth	Lithology	Sand	Silt	Clay	Apatite	Barite	Biotite	Calcite	Carbonate	Clay	Dolomite	Feldspar	Glauconite	Gypsum	Heavy Minerals	Inorganic Calcite	Kaolinite	Mica	Opal Or Opaline Fragments	Opauques	Oxides	Palygorskite	Pyrite
Hole, core, section, location (cm)																								
16-01, 39	139.59	D	2	10	88						30			*						10				2
16-01, 63	139.83	D	0	2	98						32			10						30				2
17-02, 9	141.79	D	5	10	85						25			2										1
18-01, 79	150.79	D	0	60	40						10									37				
18-01, 95	150.95	D	0	60	40						15									35				
18-CC, 26	151.97	D	0	60	40															75				1
21-CC, 16	179.16	D	0	0	100						97													
22-01, 10	188.70	D	0	5	95						99													1
22-01, 41	189.01	M	10	50	40		100																	
22-01, 54	189.14	D	0	5	95						97				*									1
22-CC, 4	189.35	M	15	75	10		100																	
22-CC, 11	189.42	M	0	80	20						25									60				2
22-CC, 16	189.47	M	5	80	15		25																	
22-CC, 21	189.52	M	0	80	20		100																	
24-01, 23	208.13	D	80	20	0																			
25-01, 5	333.25	D	90	10	0						5													
25-01, 73	333.93	D	30	60	10						20													
25-01, 132	334.52	D	30	50	20						20													
26-01, 127	344.47	D	60	30	10						20													
26-02, 36	345.06	D		90	10						40													
26-02, 45	345.15	D	5	25	70						40	10												5
26-02, 56	345.26	D		40	60						50													

SITE 960

Leg: 159		Site: 960		Mineral							Biogenic							Rock								
Sample				Quartz	Rutile	Siderite	Zeolite	Zircon	Diatoms	Fish Remains	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Intraclasts	Micrite	Ooids	Organic Debris	Organic Matter	Pellets	Rock Fragment	Spar Cement
Hole, core, section, location (cm)	Depth	Lithology																								
16-01, 39	139.59	D					2				5	10									40		1			
16-01, 63	139.83	D	*				5					10		*							10		1			
17-02, 9	141.79	D					2				15	25									30					
18-01, 79	150.79	D					30					15	1								5		2			
18-01, 95	150.95	D					30					10									5		5			
18-CC, 26	151.97	D					15					5									2		2			
21-CC, 16	179.16	D																					3			
22-01, 10	188.70	D																								
22-01, 41	189.01	M																								
22-01, 54	189.14	D	*				*						1													
22-CC, 4	189.35	M																					1			
22-CC, 11	189.42	M	*									13											*			
22-CC, 16	189.47	M					*																		75	
22-CC, 21	189.52	M																								
24-01, 23	208.13	D		15															45		15					
25-01, 5	333.25	D		3									2							65		20			5	
25-01, 73	333.93	D		3									2							40		30			5	
25-01, 132	334.52	D		5																36		32			7	
26-01, 127	344.47	D		5																40	3	32				
26-02, 36	345.06	D											5							25		30				
26-02, 45	345.15	D		10							*										30		5			
26-02, 56	345.26	D		5									10							30	5					