

Leg: 161		Site: 979																		
Sample	Depth	Lithology	Texture data							Mineral										
			Sand	Silt	Clay	Accessory Minerals	Biotite	Calcite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Mica	Muscovite	Opauques	Pyrite		
A-1-01, 10	M		15	85	*			72		1			2				*			
1-01, 60	D		5	95	*			67		*			*				*			
1-CC, 10	D	1	29	70	*			54			1	*	2			*				
2-02, 97	M	55	20	25				18			5	10	*			5				
2-03, 25	M	2	23	75	*			59			2	*	2							
2-04, 120	M	2	28	70				1	40		1		2			2	1			
2-06, 84	D	3	22	75	*			1	67		1		1			*	2			
3-02, 50	D	2	18	80				1	62		1		1			1	1			
3-04, 62	M	*	20	80				1	55	*	1		1				2			
3-05, 55	M	70	15	15	3			2	10		5		5				10			
3-06, 32	M	40	40	20	*			*	10		5	10	3				7			
4-01, 42	D	*	15	85					58	*	*									
4-06, 99	D		5	95					53	2	*		*				*			
5-01, 77	M		10	90					52		*		*		1	*	*			
5-05, 111	D		25	75	*				35	*	2		5				3			
5-06, 20	M	85	15		5			5			5	5				10	15			
5-06, 44	D		10	90					45	*	1				2		1			
6-01, 41	D	*	35	65				*	61	*	1					1	4			
6-06, 33	D	0	30	70					56		2		5		2		5			
7-01, 24	D	3	20	77				1	60		2		2		1		3			
7-03, 53	M	10	10	80					75		1				2		4			
7-07, 49	D	*	10	90				*	69		2					1	2			
8-01, 29	D	*	15	85					61				*							
8-03, 23	M	3	10	87					69	*			*			*				
8-05, 79	D	1	46	53					53				*			*				
9-01, 140	D	*	7	93					40							*				
9-03, 7	M	1	30	69					55			*	*							
9-04, 65	D	*	25	75					57	*		*	*			*	*			
9-04, 76	M	40	5	55					36		2	0	0				10			
10-03, 7	D	2	3	95					52		1	0	*			*	2			
10-04, 83	M	15	5	80				0	44	0	1	0	0		2	0	5			
11-01, 17	D	1	5	94				0	2	44	0	0	0		*	0	2			
11-02, 56	D	30	20	50				0	0	17	0	0	0	*	1	0	2			
11-03, 49	D	*	10	90				0	4	43	0	1	0	*	4	0	4			
11-04, 86	D	*	10	90				0	0	62	0	1	*	*		0	2			
12-04, 133	D	1	2	97				*	51				*		*		2			
12-05, 134	M	15	5	80					44		2		1		5		5			
12-07, 46	M	2	5	93					41		1						2			
13-02, 20	D		20	80					54		1		3		*		1			
13-06, 123	D	5	15	80				*	37						*					
13-08, 54	D	*	10	90					1	60					*		1			
13-CC, 23	M	80	15	5	5			2	5		5	5	2				10			
14-02, 4	D	5	15	80				1	42		1		3				1			
14-07, 34	D	*	25	75				1	69		1		2				2			
14-07, 49	M	75	20	5				10	5	5	5	5	5				5			
15-03, 18	M	20	55	25				*	25		1	*	3		10		1			
15-06, 98	D	30	60	10	*			5	10		3	2	*		2		10			
15-07, 68	D	*	20	80	1			*	60		1		2		1		*			
17-01, 60	D	2	8	90					56				*		*		*			
17-03, 52	M	70	20	10	2				10		5	10			1		5			
17-04, 92	M	30	50	20					15				*		12					
17-06, 55	D	1	19	80					70		1		1				1			
18-01, 6	D	2	23	75	1			1	52		1		1		1		2			
18-03, 43	M	5	55	40		1		*	29		1						1			
18-03, 101	D	3	27	70	*			2	37		*		1		3		*			
18-06, 113	D		20	80	1			3	42		1	1	1		1		1			

Quartz	Volcanic Glass	Zeolite	Diatoms	Discoaster	Fish Remains	Biogenic						Rock						
						Foraminifers	Nannofossils	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Fecal Pellet	Intraclasts	Micrite	Organic Debris	Organic Matter	Pellets
		1			1	15			*	1				5	2			
					2	25								3	2			
					5	15				1	1			10	5		1	
5					10	5				2	15		10	5	*		5	
*			*		2	15				2	2		*	10	2		1	
					3	30			*	2	5			10	3			
			*		3	13				2	2			3	3		2	
*		*			2	20			*	2	1			5	3			
					1	27			*		5			5	1		1	
					20	5	*			*	25			5	*		10	
					20	10				*	15			10			10	
					2	30				1	1			5	1			
					2	40								2	1			
		*			1	40					1			5	1			
*					3	40								10			*	
					5						35						15	1
					1	45					*			5	1			
					*	20					2			10	1		*	
					1	15					5			5	2		*	
	*					20					5	*		5	1		*	
		2			1	2		3			2	2		5				
						20					1			5	*			
					1	28						*	*	10				
		3			*	25		1						2				
		*			1	40		*				*		6				
		*			*	45						*		15				
		1			2	25					1		6	10				
					1	35								6	1			
					8	20							12	2			2	
					1	40					2		0	2			*	
		0			3	35					0	4	2	0	1			3
		0			0	45					0	2	0	0	5	*		0
		45			*	30					0	0	0	0	5	*		0
		*			0	35		*			3	0	0	0	5	1		0
		*			*	30		0			2	0	0	3	0			*
					*	45					1	*		1	*			
					2	30					5						1	
						50		1			2	*		2	1		*	
*					3	30				1	2			4	1			
		10			2	40			2	5				2	2			
			*		1	30				1	1			5	*			
*					15	2				2	30			2			15	
*					2	40			*	3	5			2	2			
					1	10					1			10	1			
					15	2				5	20			3			15	
*		40			*	2			2		1			15				
*					10	2			*	20				3			33	
*		*			2	25			*	1	2			5	1		*	
		5			1	30	*		1	1	1			5	*			
					10	2				*	50			5				
		61			1	2			2	2	1			3	1			
					2	10				1	2			8	2		1	
					2	30				2				5	2			
		30			1	10	*		2	10				15				
					3	40	*			2	1			10	1			
					2	40				1	2			3	1			

Leg: 161		Site: 979																		
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data						Mineral										
				Sand	Silt	Clay	Accessory Minerals	Biotite	Calcite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Mica	Muscovite	Opagues	Pyrite	
19-01, 23	M	30	45	25				0	3	17	0		5	2	2		5	0	5	
19-01, 37	M	20	60	20				0	0	20	0		0	*	0		0	0	0	
19-06, 19	D	15	25	60				00	7	33	0		3	0	1		0	00	5	
20-01, 54	M	2	10	88				0	0	51	0		2	0	*		1	0	6	
20-04, 102	D	5	25	70				0	0	56	0		3	0	*		2	0	7	
21-01, 37	M	2	15	83						58			2				4		6	
21-04, 91	D	*	5	95						59							1		2	
22-02, 130	D	2	15	83						45			2				2		5	
22-03, 29	M	10	20	70						35					*		1		2	
22-06, 69	D	4	25	71						54			3		1		*		7	
23-02, 66	D	2	10	88						56			2	*			1		5	
23-02, 114	M	15	10	75						65			1		1		2		4	
23-07, 32	D	5	5	90						3	36		2		*		*		2	
23-08, 35	M	5	25	70						20	43		3				1		3	
24-01, 62	D	1	4	95						70			1				1		2	
24-02, 53	D	50	20	30						31			6				1		10	
24-02, 78	M	5	35	60						60			5		2		10		15	
24-02, 92	M	3	50	47						47			5		1		5		25	
24-04, 52	D	1	10	89						50					1		*		2	
24-06, 108	D	5	15	80						10	37		2				1		3	
25-01, 96	D	1	25	74	1					59			1		5		1		1	
25-04, 41	D	1	10	89						*	64		1		2		1		1	
25-05, 28	D	5	15	80						61			*		3		2		*	
26-01, 115	D	*	25	75						*	71		1		3		1		1	
26-02, 16	M	30	40	30	*					3	25		5	*	5		1		10	
26-05, 27	M	10	25	65						31					*		*			
27-03, 39	M	50	40	10	2					5	5		5	10	3			2	10	
27-03, 112	D	1	20	79						*	70		1		1		1		2	
27-07, 26	M	*	40	60						38					1		5		1	
28-02, 55	D	5	10	85						53					2		1		*	
28-02, 110	M	15	45	40						10	37				1		20		1	
28-06, 55	D	3	17	80	*					*	56		2		1		*		2	
29-02, 85	D	10	20	70	*					56			2		5				2	
29-05, 52	D	1	25	74						2	47		*		2		2		*	
29-05, 144	M	40	40	20	1					5	20		5	10	2		2		5	
30-02, 114	D	5	25	70						*	44		1	*	2				2	
30-04, 7	M	20	55	25	*					*	20		*	*	*		2		*	
30-04, 101	M	10	60	30						*	17				1					
30-06, 9	M	85	15	*	*					5			5	20			5		5	
31-02, 85	M	3	37	60						45			1		2		1		2	
31-03, 17	D	2	23	75						5	45		3		3		*		2	
31-05, 41	D		15	85						66					2					
32-02, 44	D	3	27	70	1	2				47			1				1		1	
32-05, 35	D	1	14	85						56			1		1		1		2	
32-05, 107	M	55	20	25						10	20		1	5	1		2		1	
33-04, 7	M	70	25	5						5	5		2	5			2		3	
33-05, 36	D	1	9	90						60					1		1			
33-08, 40	D	3	25	72	0					0	63		0	1		*	3	0	3	
33-CC, 13	M	*	40	60	*					0	48		0	1		5	2	0	3	
34-01, 39	D	2	5	93	0					1	58		0	1		*	0	0	2	
34-04, 41	D	2	20	78	0					0	54		0	2		*	1	0	2	
34-05, 65	M	*	20	80	0					0	67		0	2		0	1	0	3	
35-04, 65	D	3	20	77	0					0	50		0	2		1	1	0	8	
35-05, 47	M	10	25	65	0					5	49		0	2	1	*	1	0	3	
36-03, 37	D	2	20	78	0					0	45		0	0	*		1	0	5	
36-03, 93	D	5	10	85	0					0	60		0	2	0	*	*	0	4	

		Biogenic										Rock							
Quartz	Volcanic Glass	Zeolite	Diatoms	Discoaster	Fish Remains	Foraminifers	Nannofossils	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Fecal Pellet	Intraclasts	Micrite	Organic Debris	Organic Matter	Pellets	Rock Fragment
		*			5	10		1			30	0	0	10	0		5		
		68			1	2		2			0	0	0	5	1		0		
		*			3	30		0			7	1	0	10	0		0		
		2			*	30		2			0	5	0	0	0		*		
		0			0	15		*			2	5	0	10	*		*		
		*			*	20		*			4			5			1		
						30		*			*			8	*				
		3				30		2			3			7	1		*		
		10				30		10		1				10	1				
						20					5			10	*				
		2				25		2			1	1		5	*				
			*		10	10					2	2		1	*		2		
			*		4	50		*						3	*				
		10			*	20						*							
						15		*			1			10	*				
		50				2									*				
2		1									*			*			5		
		10									5			2					
					*	35					2			10					
		*			*	40		*			1	1		5					
					2	15					2			10	1		2		
*			*		2	25								3	1				
					3	20					1	5		5					
*					1	7			*	*	2			10	1		2		
		5		*	3	5			*	3	15			5	*		15		
		25			1	35	*		1	1	1			5	*				
					10	5	*				25			3			15		
			*		1	7					2			15	*				
		20	*		1	20			*	2	1			10	1				
					5	30					3			5	1		*		
					5	5					15			5			1		
					3	30					3			3	*		*		
					3	20					3			5	1		2		
					2	25					1			15	1		3		
					5	2					40			3					
*		*			5	30				3	3			5		5			
		60			*	10			2	1				5	*				
		55			2	15	1		2	1	1			3	2				
					10					2	43			*			5		
					1	15					2			30	1				
					1	30								10	*		1		
					*	20					2			5	*				
		*			3	25					3			15	1				
			*		2	30					1			5	1				
					20	5					30			5					
					5	2					51			5			15		
					2	30					1			5					
	0	0			2	15				0	5	3		5	0		0		
	0	0			0	10				0	5	0		25	1		*		
	0	0			1	35				0	1	0		1	0		0		
	0	0			*	25				0	10	1		5	0		0		
	0	0			0	20				0	2	*		5	*		0		
	0	0			1	25				0	10	2		0	0		0		
	0	0			1	15				0	15	2		5	0		1		
	0	0			1	35				0	2	0		10	1		0		
	0	0			1	25				0	5	3		0	*		0		

Leg: 161		Site: 979																		
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data						Mineral										
				Sand	Silt	Clay	Accessory Minerals	Biotite	Calcite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Mica	Muscovite	Opagues	Pyrite	
37-04, 120	D	*	20	80				0	60			*	0	2			*	0	*	
37-07, 38	D	2	35	63			*	0	61			0	0	0			0	0	*	
37-CC, 18	M	35	25	40			0	0	25			2	2	0			3	0	3	
38-01, 46	D	3	15	82				0	73			1	0	0			1	0	4	
38-04, 25	D	1	10	89				5	67			3	0	0			0	0	5	
38-05, 28	M	5	20	75				15	60			2	0	0			0	3	2	
39-03, 35	D	1	20	79				5	60			2	0	0			*	0	5	
39-06, 46	D	10	10	80				0	68			2	0	0			*	0	3	
40-01, 72	D	1	10	89				3	69			1	0	0			1	0	5	
40-03, 130	D	2	20	78				1	56			1	0	0			2	0	3	
41-02, 25	M	80	10	10				0	10			2	5	0		0	0	0	8	
41-03, 144	D	5	10	85				1	68			1	0	0		0	1	0	2	
41-05, 66	D	15	25	60				2	41			1	0	0		1	5	0	3	
42-02, 95	M	2	23	75	*			0	56			2	0	1			1	0	3	
42-05, 16	D	1	24	75	1			1	60			2	0	3			1	0	2	
43-06, 30	D	*	10	90	0			0	60			*	*	0			*	0	*	
43-06, 72	M	80	15	5	0			0	7			10	5	3			5	0	5	
44-01, 25	D	3	22	75	0			0	64			8	*	0			1	0	2	
44-06, 44	D	2	8	90	0			0	51			*	0	*			1	0	*	
45-01, 15	D	1	19	80	0			5	45			1	0	2			1	0	1	
45-01, 17	D	1	4	95	0			0	61			*	0	*			0	0	*	
45-06, 47	D	3	22	75	0			*	57			1	0	1			1	0	1	
46-06, 131	D	60	30	10	0			5	10			5	20	5			3	0	10	
46-07, 116	D	2	23	75	0			2	55			2	0	1			0	0	1	
47-02, 100	D	2	8	90	*			2	63			2	*	*			1	0	1	
48-01, 103	D	2	23	75	0			2	61			2	0	3			1	0	1	
48-02, 74	D	0	5	95	0			0	71			0	0	*			0	3	*	
48-05, 80	D	0	20	80	0			0	72			*	0	2			*	0	1	
49-02, 49	M	*	25	75	0			*	65			0	0	*			5	0	*	
49-06, 103	D	*	15	85	0			0	62			1	0	3			1	0	1	
50-01, 36	D	*	15	85				1	70			*		1			*		*	
50-06, 16	D	0	35	65					68					*					*	
51-03, 67	D	*	5	95					66			1					1		3	
51-05, 33	D	1	10	89				1	68			1					*		2	
52-03, 61	D	5	15	80					64			3		1			1		2	
52-06, 136	D	5	20	75				3	60			3	*						7	
53-01, 114	D	2	10	88				*	54				*	*			*		*	
53-03, 60	D	3	10	87					61					*			*		*	
53-07, 30	M	30	20	50					46			2		1			*	*		
54-03, 40	D	8	12	80					51				*						1	
54-03, 127	M	70	20	10					5			2	3	2			*		2	
54-05, 90	D	10	10	80					48			*					*			
55-01, 90	M		100														10			
55-05, 112	D	10	20	70				2	51			2					2		2	
55-06, 108	D	5	15	80					57			2					1		2	
56-01, 39	D	*	10	90					72								1		2	
56-04, 74	D	15	20	65				3	50								2		5	
56-05, 140	M	2	30	68					39			2					1		6	
57-03, 25	D	10	30	60					58								1		10	
57-05, 30	D	1	10	89					65								*		2	
58-02, 19	D	3	22	75					45			1	*	2					2	
58-06, 22	D	1	9	90					51			*	*	*			1		1	
59-03, 73	D	5	35	60				3	51			5					5		2	
59-05, 61	D	*	20	80					54					2			2		*	
60-03, 80	D	*	25	75	0			2	66			0	1	0	2		3	0	2	
60-06, 84	D	1	34	65	*			2	60			0	3	0	5		2	0	2	

			Biogenic									Rock							
Quartz	Volcanic Glass	Zeolite	Diatoms	Discoaster	Fish Remains	Foraminifers	Nannofossils	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Fecal Pellet	Intraclasts	Micrite	Organic Debris	Organic Matter	Pellets	Rock Fragment
		0			*	28				0	*	*	0	10	0		0		
		0			4	25				0	2	0	0	8	0		0		
		0			5	15				0	30	5	0	5	0		5		
		0			*	15				0	1	2	0	3	0		0		
		0			*	15				0	*	0	0	5	0		0		
		0			0	15				0	5	0	0	3	0		0		
		0			*	15				0	2	1	0	10	*		*		
		0			*	10				*	6	5	0	5	1		0		
		0			*	15				0	1	0	0	5	*		0		
		0			1	25				0	1	0	0	10	0		0		
		0			20	2				0	48	0	0	3	0		2		
		0			1	20				*	3	2	0	0	1		0		
		25			0	10				0	0	7	0	5	0		*		
		0	*		4	20				0	2	0		8	1		3		
		0	0		3	15				0	2	0		10	*		0		
		0	0		1	30				0	1	0		8	*		0		
		0	0		5	2				0	30	0		3	0		25		
		0	0		1	10				0	1	0		10	1		2		
		0	0		3	40				0	1	0		3	1		0		
		0	0		2	35				0	0	0		5	3		0		
		0	0		2	30				0	1	0		5	1		0		
		0	0		5	20				0	5	0		8	1		0		
		0			5	2				0	20	0		5	0		10		
		0			3	20				0	3	0		10	1		2		
		0			2	30				0	2	0		5	2		0		
		0			2	15				0	3	0		10	0		0		
		0			*	20				0	1	0		5	*		0		
		0			1	12				0	2	0		10	0		0		
		0	*		2	10				0	2	0		16	*		0		
		0	1		2	28				0	1	0		3	0		0		
					2	25		*				1		8					
					2	20								10					
						25					1			3	*				
					*	25					1			2	*				
					*	15					4			10	*				
					*	10					2	5		10					
					1	30							1	14					
					1	25					1			12					
					2	20							2	25					
					1	30							5	12					
	*				40	5							35				6		
			*			30							10	12					
						20					8	8		5					
						20					3	4		10	1				
*						10								15					
					5	15					5			15	1				
						25					20			5					
			*		*	20					1			10					
						25					3			5					
					2	35					2			5					
					1	40					2			3					
					5	15					4			5			5		
					2	30					2			5	3				
	0	0			2	10				0	2	0		10	*		*		
	0	0			2	10				0	2	0		10	1		1		

Leg: 161		Site: 979																			
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data						Mineral											
				Sand	Silt	Clay	Accessory Minerals	Biotite	Calcite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Mica	Muscovite	Opagues	Pyrite		
61-02, 32		D	1	34	65	1			4	48		0	3	0	5		0	0	2		
61-04, 53		D	15	35	50	0			5	52		0	3	0	3		0	0	2		
61-05, 96		M	0	55	45	0			50	40		0	*	0	*		2	0	*		
61-07, 2		M	*	10	90	0			0	75		0	*	0	2		0	0	*		
62-01, 96		D	3	57	40	*			0	41		0	5	0	5		0	0	10		
62-05, 43		M	*	70	30	*			25	45		0	5	*	2		*	0	5		

			Biogenic										Rock						
Quartz	Volcanic Glass	Zeolite	Diatoms	Discoaster	Fish Remains	Foraminifers	Nannofossils	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Fecal Pellet	Intraclasts	Micrite	Organic Debris	Organic Matter	Pellets	Rock Fragment
	0	0			2	15				0	5	0		15	0		*		
	0	0			5	10				0	10	0		10	0		*		
	0	0			0	5				0	0	0		3	*		0		
	0	0			1	15				0	0	0		5	2		0		
	0	0			2	5				0	10	0		20	0		2		
	0	0			0	5				0	5	0		5	0		3		