

Leg: 161		Site: 978		Texture data			Mineral												
Sample	Depth	Lithology	Sand	Silt	Clay	Accessory Minerals	Biotite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Gypsum	Mica	Muscovite	Opauques	Pyrite	Quartz
A-3-01, 8	M	0	10	90				60						1					1
3-01, 51	D	0	15	85				62						1					1
3-CC, 28	M	0	20	80				55			*			3					2
4-01, 89	M	0	75	25				20											
4-01, 123	M	0	30	70			1	52			5			3		1			5
4-01, 134	M	25	70	5	5		3	5			15			10		2			10
4-01, 142	M	0	10	90				66						1		1			*
4-02, 133	D	2	8	90				72						*		1			
4-05, 10	D	0	15	85				48						*		3			*
5-01, 118	D	0	10	90	*			67			*			*		*			1
5-02, 42	M	3	30	67	1	5	3	52			2					1			3
5-02, 75	M	10	65	25	1		10	24			5			15		2			5
6-02, 15	D	0	10	90				59			*			*		*			*
6-02, 52	M	40	45	15	5		5	15				*				5			5
6-03, 29	M	40	50	10	3		6	10			10	2		6					15
6-04, 90	M	*	5	95				58											
7-01, 102	D	*	8	92				65								*			
7-05, 76	M	40	40	20				20								10			2
7-05, 91	D	0	10	90				63						*		1			*
7-05, 116	M	1	9	90		*		54								*			
8-01, 37	M	2	28	70			1	57			2			2		5			2
8-01, 86	D	1	9	90				50			*	*		*					*
8-03, 114	D	2	10	88				40			*			1					*
8-05, 65	M	70	30									*				*			*
9-01, 95	D	1	15	84	*		*	48			1			1					1
9-05, 10	M	10	75	15	5		5	15			5			10					10
9-06, 18	M	5	25	70			1	58				*		2		*			2
10-01, 108	D	2	15	83				52			*					*			2
10-02, 53	M	2	20	88				42				*							3
10-03, 42	M	1	25	74			10	51			3			*		*			5
10-03, 57	M	20	30	50			3	53			3			2		2			7
11-01, 140	M	5	10	85			5	62			3			2		*			2
11-01, 145	M	15	5	80				60			2			3					8
11-02, 48	D	1	10	89				63			*								3
11-03, 121	D	*	5	95				70			2			*		*			2
12-01, 63	D	2	20	78				52			1			*		*			3
12-03, 55	D	2	15	83				51			1					2			2
12-03, 114	M	20	35	45			1	50			7			2		2			10
12-04, 95	M	1	10	89			10	53	*		2			*		2			5
12-05, 105	M	*	20	80			15	61			2			*		*			4
13-03, 33	D	1	10	89				53			2			1		*			2
13-06, 40	D	1	20	79			*	51			1					2			3
14-03, 38	D	2	15	83			*	52			*			*		1			5
14-06, 68	D	*	15	85				51								1			2
15-02, 3	M	30	45	25				18				*		1		4			3
15-03, 87	D	5	20	75				52			1			*		2			3
15-04, 50	D	1	30	69				57			2			*		*			2
16-01, 16	D	1	10	89				59			2			*		*			3
16-04, 75	D	*	30	70			5	49			*					*			2
16-05, 69	M	45	35	20				20			*					3			*
17-01, 115	D	1	9	90			3	54			*			*					
17-03, 18	M	*	10	90	*		2	53			*			*			1		*
18-05, 50	D	1	20	79	*		*	40			1			2		*			2
19-05, 120	D	1	10	89				55			2			1		1			*
19-06, 110	D	2	35	63			1	38			5			5		*			*
20-01, 129	D	2	10	88				52			*			*		1			1

Zeolite	Biogenic								Rock											
	Diatoms	Discoaster	Fish Remains	Foraminifers	Nannofossils	Plant Debris	Sponge Spicules	Bioclasts	Carbonate Grains	Cement	Fecal Pellet	Intraclasts	Metamorphic Rock Fragments	Micrite	Organic Debris	Organic Matter	Pellets	Rock Fragment	Volcanic Fragments	
			2	30									5	1						
			1	30									5							
			2	30			2						5	1						
				80																
			1	20			1						10	1						
			10	2			20						3		15					
			1	25			1						5	*						
			2	20									5							
			3	40									5	1						
			1	25			1						5	*						
			3	20			2						5	2		1				
			10	5			10						10	3		*				
			2	35									3	1						
			25	*			30						5			5				
			5	2			20						6	5		10				
			1	35									5	1						
			1	30									3	1						
			50	10									8							
			2	30			*						3	1						
			3	40									3	*						
			4	15									10	2						
			5	40									5	*						
		*	5	40									5							
			10				60		*				30				*			
			2	40			1						5	1		*				
		*	5	5			20						5	5		10				
			1	25									10	1						
	*		2	25			2						15	2						
			2	30			2						20	1		*				
			*	15									15	1						
				15			5						7	*		3				
				20			2						4							
			2	10		*	10						3	1		1				
			*	30			1						3			*				
				20		*	1						5			*				
			2	30			2			*			10							
			2	30			2						10	*						
			2	5			12						5	2		2				
			1	15			5			*			5	2						
	*			10			*						8							
			1	35			1						5							
			*	25			1						15	2						
			*	35			2						5	*						
				35			1						10	*						
			10	3			50						10			1				
			*	30			2						5							
		2	*	20			1			5			5							
			*	30			1						5	*		*				
			*	30		*	2						12							
			50	10			5			2			10							
*	*		*	40			1						1	1						
	*		1	40			*						3							
	1		2	45			1						5	1						
	1		2	35									3	*						
	1		5	30						10			5	*		*				
	1		2	40									3	*		*				

Leg: 161		Site: 978		Texture data										Mineral							
Sample																					
Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Accessory Minerals	Biotite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Gypsum	Mica	Muscovite	Opagues	Pyrite	Quartz		
20-02, 44	M	5	60	35	*		*	30		1	10			5		3			10		
20-04, 62	D	*	10	90				59			*			*		*			*		
21-04, 116	D	*	15	85				50			1			*					2		
21-05, 33	M	30	40	30	1		3	26			2	*		*		2			5		
22-02, 14	M	1	44	55	*		30	50			3			3		1			1		
22-04, 58	M	10	50	40	*		*	31			5			2		5			2		
22-05, 107	D	5	15	80	*		3	49			*			1		*			2		
23-01, 125	D	3	17	80			3	52						2		1					
23-06, 28	D	2	18	80			2	48			*			*		2			*		
23-06, 126	M	40	40	20			3	17						1		4			*		
24-02, 60	M	30	20	30			1	37								2			5		
24-03, 66	D	1	15	84			*	59			*			*		*			2		
24-03, 91	D	2	20	78				46			1			*		*			3		
25-02, 139	D	3	25	72			*	54			2			*		1			3		
25-05, 89	D	5	20	75			3	36			1			*		3			1		
26-02, 60	D	1	20	79				58			*			*		1			4		
26-05, 58	D	2	30	68			5	31			1			*		1			5		
27-07, 57	M	3	20	77				63			1					*			3		
28-03, 80	D	2	30	68			10	52			2			*		1			4		
28-05, 60	D	*	5	95			3	55			*					*			*		
29-01, 44	D	1	10	89			3	55			2			*					3		
29-03, 91	M	*	5	95			2	53			1			*					4		
29-04, 76	D	2	5	93			3	42			2			*		*			2		
30-01, 120	D	*	10	90	*			51		*				1		1			*		
30-04, 45	D	*	15	85			1	60			*			2					*		
31-02, 60	D	*	10	90				59			*			1		2			*		
31-02, 112	M	20	30	50				40			*	*		5		2			*		
31-04, 75	D	*	20	80	*			47			1			1		*			1		
32-02, 60	D	1	25	74				46			2			1		*			1		
32-03, 52	D	*	5	95			*	60						1		1			*		
32-04, 12	M	20	55	25				20			*	*		2		8			*		
33-02, 65	D	1	9	90				53			*					*			*		
33-03, 60	D	*	5	95				61			*			*		1			*		
34-01, 38	M	2	15	83				59			1					2			*		
34-03, 127	D	2	8	90				48			*			*		*					
34-04, 48	M	40	30	30	*		*	20						*		5			*		
35-04, 104	D	1	14	85				47			1			2		*			1		
35-06, 90	M	1	19	80	*			57			1			2		5			1		
36-02, 20	D	0	15	85				58		*	*			2		5			*		
36-03, 55	D	0	5	95				49		*	*	*		*		1			*		
37-04, 37	D	1	15	84			3	44			1					1			2		
37-05, 59	D	3	20	77			1	48								8			3		
38-02, 93	D	*	15	85			1	59			1					1			1		
38-03, 72	M	5	25	70			5	23			3					5			2		
38-05, 23	D	2	20	78			*	55			1					*			2		
39-03, 76	D	*	20	80			2	44		*						1			1		
39-05, 42	D	4	20	76				52								2			*		
40-03, 10	D	0	10	90			*	57								*			1		
40-03, 130	D	2	5	93				74		*	1			*		1			2		
41-01, 100	D	2	10	88				42	*					*		*			2		
41-06, 25	D	1	15	84			2	55			1					1			3		
42-03, 47	D	2	15	83				52			1			*					2		
42-04, 89	D	2	15	83				68								*			2		
42-05, 40	D	10	30	60				60						5		8					
42-05, 108	M	*	5	95			1	78			2			*		*			2		
43-01, 63	M	*	10	90	*		1	61			*			1		1			*		

Zeolite	Biogenic							Rock											
	Diatoms	Discoaster	Fish Remains	Foraminifers	Nannofossils	Plant Debris	Sponge Spicules	Bioclasts	Carbonate Grains	Cement	Fecal Pellet	Intraclasts	Metamorphic Rock Fragments	Micrite	Organic Debris	Organic Matter	Pellets	Rock Fragment	Volcanic Fragments
	*		10	5			15						5	1		5			
	4		1	30			1						5	*					
	3		3	35			1						3	2					
			10	10			30						10			1			
	*		1	5			1						5	*					
	*		8	15									20	2	10	*			
	*		4	35			3						3	*					
	3		4	30									5	*					
	1		2	35			5						4	1					
	*		10	5			50						10						
			5	10			30						10						
	2		1	30			*	1					5	*					
	1		1	35			*	1		*			10	2					
	1		1	25			*	2					10	1					
	1		3	40			2						10						
			*	30			1			*			5	1					
			1	35			1						20	*					
	*		1	20			2						10	*					
	*		*	25			2						4	*					
	*		*	40									2	*					
	1		*	30			*	1					5						
	*		*	35			*	*					5	*		*			
	*			40			1						10						
			2	35			*						10						
	1		3	30									3	*					
	*		2	30									5	1					
	*		20	10			20						3						
	1	*	5	40									3	1					
	*		7	35			3						5	*					
	*		1	35			1							1					
			2	5			58						5						
	*		4	40			1						2	*					
	*		1	35									2	*					
	*		2	30			3						3	*		*			
			2	45									5	*					
			40	10			20						5	*					
	*		7	40			2							*		*			
	*		1	25			1						5	2					
			*	30			*						3	2		*			
			2	45									2	1					
	*		*	43			1						5	*					
	2		*	25			1			2			10						
			*	30			1						5	1					
				35			20						5	2					
			1	35			3						3						
	*			45			2						5						
	1			30			5						10	*					
	*			30			10						2	*					
	*			20			1						1	*					
	*		1	50			3						2	*					
	*			35			1						2						
			1	40			2						2						
	*		1	20			1						8	*					
			20										15	2					
			*	15									2	*					
	1		2	30			1						1	1					

Leg: 161		Site: 978																			
Sample	Hole, core, section, location (cm)	Texture data						Mineral													
		Depth	Lithology	Sand	Silt	Clay	Accessory Minerals	Biotite	Carbonate	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Gypsum	Mica	Muscovite	Opauques	Pyrite	Quartz	
43-02, 13	M	*	10	90	*		*	74				*		*			2				
43-03, 39	D	0	5	95				33						1			2		*		
43-04, 13	M	2	28	70				61		3	2			*			3		*		
43-04, 21	M	1	29	70	*			70			1				1		2			15	
44-01, 42	M	*	10	90				40		*									*		
44-01, 51	M	30	25	45				32						*		*					
44-01, 52	M	*	5	95				58			*			*			2				
44-01, 59	D	3	17	80				48						1		1			1		
44-03, 50	D	0	10	90				28									7		*		
44-03, 97	D	*	20	80	*			59						1			5		*		
44-CC, 12	D	3	7	90				49						1		1					
45-CC, 1	M	10	10	80	*		*	49					*	2					2		
45-CC, 6	M	10	40	50	1			26			1			2			1		1		
47-01, 8	M	10	55	35	2			38			10			5					10		
47-01, 17	M	2	48	50	2		*	53		2	5	*		10		*			5		
47-01, 47	D	*	80	20	2			35		4	5		*	25			2		5		
47-02, 116	M	15	35	60	*			56		5	2			10					5		
47-02, 144	M	40	40	20	5			16		5	10			15			2		10		
47-03, 130	D		40	60			*	63		2	2			2				5	1		
48-01, 116	D	50	40	10	*			10		10	10			5			3		15		
48-03, 78	D		25	75	2			69						5			1		*		
48-04, 32	D		15	85				79			3			2							
48-04, 90	D		10	90				80			*										
48-04, 139	M		55	45				43						20		*			*		
48-05, 44	M	*	40	60				58		2				10			1				
48-05, 82	M	35	40	25	2			20		1	5	*		5					5		
48-05, 83	M		35	65	*			45		*	*			2			2		*		
49-01, 27	D	2	25	73				57		2	5			*					15		
49-01, 120	D	*	10	90			1	66		*	5			1					10		
49-01, 126	M	5	70	25				35		19	10	*		1					22		
49-03, 27	M	50	25	25				25			5			5			3		15		
49-03, 38	D		10	90				73		1	1								2		
49-04, 69	D	10	25	65				60		5	5			1					10		
49-05, 89	D	1	25	74				53		1	5					1			12		
49-06, 2	M	*	20	80				64		5	2			*			2		5		
49-06, 55	M	45	25	30				20		2	5						1		25		
49-06, 113	D	*	5	95				76		2	1								3		
49-07, 10	M	1	25	74				67		3	2			3					18		
50-01, 130	M	1	25	74				59		1	1	2							15		
50-05, 17	D	*	10	90				61			1	5							20		
50-05, 27	D	65	10	25				20		3	20	5	10		5			1	25		
50-05, 32	M	50	25	25				27		2	5		1				1		10		
50-06, 2	M		50	50				40		25	5								20		
50-CC, 2	M	*	50	50				45		15	5	5			5				10		
51-01, 113	D	2	25	73				65			5								10		
51-02, 50	M	70	20	10				10			5	*		5			5		15		
52-01, 76	M	*	30	70				75			1	3							2		
52-02, 27	D	20	75	5	2			15			30	1	1	5			1		10		
52-02, 47	D	85	10	5	2			3			5	1		15					15		
52-02, 99	M	10	30	60	*		*	64			2			10			*		3		
53-02, 80	M	*	45	55				53			1	5			5			1	10		
53-02, 127	M	20	35	45				40			2	3	*	15			*		2		
53-02, 133	M	20	40	40				34			*	10	1		5		*		10		
53-02, 135	D	5	35	60	*			57			5	2			10		1		1		

Zeolite	Biogenic								Rock										
	Diatoms	Discoaster	Fish Remains	Foraminifers	Nannofossils	Plant Debris	Sponge Spicules	Bioclasts	Carbonate Grains	Cement	Fecal Pellet	Intraclasts	Metamorphic Rock Fragments	Micrite	Organic Debris	Organic Matter	Pellets	Rock Fragment	Volcanic Fragments
			2	20			*						2	*					
			1	60			1						2						
	*		5	15			1						5	3					
			*	5			*						1				5		
			5	50			5												
	*		20	15			30						3						
	*		3	35									2						
	*		5	40									3						
			3	60									2						
	1		1	30			*						3	*					
			7	40									2	*					
			10	30									5			*			
			2	30									20		10				
			2	3									5		10				
				5									10	*					
				5									15						
				5	25								10						
			3	3									15				5		
				5									20						
													10						
	*			5									15				10		
	1			5									15						
				10									10	*					
				10									10						
			*	5									20	10					
				4	5								20						
			2	5									15				5		
	1		*	10									40	*					
	*			5						2			10	3					
	*			5						1			5						
				2						2			5	1			1		
			10	5									5	2			10		
	*			15									5	1					
				5						2			5				3		
	*			10						2			10	3			2		
	*			10									10						
	*			10									15	1					
				10									5	1					
				3									2						
				5									5	1					
				2							1		10						
				*									2					5	
				10						15	10		3				1		5
				5									5						
				5									70						
				*									5						
			10										5					5	
	*		*	3						10			5						
			*										10						
			2	2									5					30	
				5									5					40	
				5									15	1				*	
	*		1	5									15						
			*	5									20	*					
			3	10									10						
				5									10						
	1		1	5									15	1					