

Leg: 146		Site: 888		Texture data														Mineral								
Sample	Depth	Lithology	Sand	Silt	Clay	Accessory Minerals	Actinolite	Amphibole	Anhydrite	Apatite	Barite	Calcite	Chlorite	Clay	Dolomite	Epidote	Feldspar	Garnet	Glauconite	Glaucophanite	Gypsum	Halite	Heavy Minerals	Hornblende	Kyanite	Magnetite
A-1-01, 12	.12	D		70	30									20		5							10	5		
1-01, 92	.92	D		60	40									30		5							10	5		
1-03, 140	4.40	D	70	30													15						2	15		
1-06, 50	8.00	D		65	35									20		5							*	5		
1-06, 95	8.45	D		40	60									50		5							5	5		
B-1-02, 102	2.47	D		60	40									40		10							*	3		
1-04, 75	5.20	D		65	35									35		20							*	*		
2-05, 99	12.49	D	70	25	5									5		10							*	3		
2-06, 145	14.45	D		75	25									25		20								10		
3-01, 13	15.13	D		60	40									40		30								*		
3-02, 93	17.43	D		50	50									50		* *								10		
3-02, 101	17.51	M	60	40										5		5 15								5		
3-04, 58	20.08	M	70	30												* 30								5		
3-07, 66	24.66	D		60	40							5		35		* 20			*					5		
4-01, 72	25.22	D		70	30									25		* 15			2					*		2
4-02, 8	26.10	M	80	9	11									*		5 25								5		
4-03, 55	28.07	D		70	30									20		20								2		2
4-05, 116	31.68	D	70	25	5											5 25								5		
5-01, 114	35.14	D		60	40									40	*	30								5	5	
5-04, 13	38.63	D	60	40							2					2 30								15		
5-04, 78	39.28	D	80	20							2					4 15								15		
5-07, 24	43.24	D		60	40						*	5		40	*	30								5	5	
6-04, 110	49.10	D	75	20	5					*				3		* 25		*						* 5		
6-05, 21	49.71	D	70	25	5											* 25								* 1		*
6-05, 104	50.54	D		60	40									40		15								* *		1
6-06, 46	51.46	D	60	40												25		2						10		
7-02, 126	55.76	D	90	8	2									2		15								*		5
7-06, 56	61.08	D		85	15									10		* 20								8		
8-01, 143	63.93	D	75	25												2 20								5		15
8-02, 65	64.66	D	90	10								5				10										
8-03, 44	65.96	D	80	20						*						15								8		
8-03, 103	66.55	D		40	60										45		25							3		
9-01, 50	72.50	D		50	50									45		25								2		3
9-04, 18	76.70	M	25	45	30	3								30		25								5		
9-04, 66	77.18	M	50	20	30	5								20		25								5		
9-05, 147	79.49	D	20	50	30	2								30	*	20										
10-01, 110	82.60	D	0	65	35	*						10		35		15										
10-02, 120	84.20	D	80	20	0						*					20								10		
10-04, 100	87.02	D	5	65	30									30		20								5		
10-06, 102	90.06	D	20	70	10	5								10		20										
11-01, 38	91.38	D	2	73	25									*		30								8		
11-04, 19	95.63	M	80	20						5						5 20								*		
11-06, 73	99.10	D	80	20		15				*						30										
11-06, 74	99.11	D		85	15						10			15		5 35										
12-01, 70	101.20	D	5	70	25						10			25		5 25										
12-02, 48	102.46	D	60	40	0					1						10 30								5		
12-04, 50	105.46	D	85	15	0						5					20								5		
13-01, 45	109.05	D		70	30	3						5		30		20										
13-01, 65	109.25	D	90	10		12										3 20										
13-02, 81	110.91	D	95	5		13										2 20										

Smear-slide summary (%)

M= minor lithology

D=dominant lithology

*-=trace

														Biogenic						Rock								
Manganese	Mica	Olivine	Opagues	Pyrite	Pyroxene	Quartz	Rutile	Sillimanite	Staurolite	Topaz	Tourmaline	Volcanic Glass	Zeolite	Zircon	Diatoms	Echinoid Spine	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Ooids	Organic Debris	Organic Matter	Pellets
															30			5		5		5	10					
						10									25					5		5		10				
					30							10					5											20
	*				60							*			1		*	1		*						1		2
	5				20						2	2			2		*	*		3								*
	2				5	5									20			5										5
			10		15	5									10			3										*
			*		30	5						25			2													15
			10		10	*						10			2			1									2	10
			10		20																							*
					10																							25
					30																	*						40
					30	*																						30
	5				20							2			*					*								5
				2	20						2	1		2														25
	*		8		25							2					*		*									30
	5				5	30	1								*						*							10
	3		5		20							2					*											30
					5																							10
			5		10										1													35
					10										2													50
					5																							10
					10	25						*			*													30
			10		5	25									*													30
			10		20											1		1		*								10
		5	2		15	20																						20
		5	25		15	5																						25
	5		5		*	30					*	5	0		*		*											15
		5	20			10																						20
	2				5													5										70
			30		25	5											2											10
	2		5		15																							
	3		5		3	10																						
	5		15		3	10																						
	2		30		5	5																						
	3		30		5	5																						
5	5		0		*	20															*				*			10
	10		5		15	5					5			5														25
	15		5		5						10			5														5
	10		10		10	10																			15			10
	8		2		25															4								
	5		10		10	25					1			1			5											10
	15		5	*	10	5					5			*														10
	10		5		*	5					5			*							5							5
	15				5	5																						10
	5				10	10	1							5														20
	15		10		10	10					5			10														10
	2		*		20							3			5	*	2			*			*					10
	5		*		* 20						*	*				*												35
	3				20							5				*	*											35

Leg: 146		Site: 888				Mineral																						
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data			Accessory Minerals	Actinolite	Amphibole	Anhydrite	Apatite	Barite	Calcite	Chlorite	Clay	Dolomite	Epidote	Feldspar	Garnet	Glaucosite	Glaucophane	Gypsum	Halite	Heavy Minerals	Hornblende	Kyanite	Magnetite	
				Sand	Silt	Clay																						
14-01, 55	118.65	D		0	85	15	10								15	5		20										
14-01, 82	118.92	D		60	40	0					5						10	20		5						5		
14-03, 84	121.94	D		10	70	20									20	5	5	20		5								
14-03, 95	122.05	D		0	60	40	5								40	*	5	25										
14-06, 80	126.40	D		80	15	5	15											20										
15-04, 40	132.50	D			40	60	3								60			10								*		
16-04, 50	142.12	D			50	50	2						2		50			12							*		2	
16-04, 71	142.33	D		85	10	5	10											25										
17-04, 58	151.70	D			70	30	10				*				30			17	*						*			
17-04, 59	151.71	D		0	30	70	1								70			10							*		*	
18-CC, 37	162.34	D		10	60	30	2								30			35				*	*		3			
19-04, 52	170.64	D		5	55	40	1								40			35				*	*		3			
24-03, 50	216.40	D		60	40	0	15											20										
25-01, 100	218.40	D		90	10	0	5											20							5			
25-06, 100	225.94	D		80	20	0	10											20		5								
26-01, 13	227.03	D		0	45	55	5								55	*		15										
26-02, 82	229.22	D		30	70	0	10									*		20		5								
28-01, 70	244.00	D		20	75	5	6	*			*				5		*	20							*			
28-02, 40	245.21	D		15	70	15	5	*			*				15			15	*						*			
28-03, 100	247.33	D		65	30	5	5											25										
28-05, 70	250.04	D		70	26	4	4				*				*		*	30	*		*				*			
29-02, 30	253.60	D		90	10	0	10											20							10			
30-01, 105	261.85	D		80	15	5	10								5			15							5			
30-02, 33	262.63	D		70	20	10	5							5	10			15							5			
31-01, 85	268.65	D		70	20	10	15								10			15										
31-06, 100	276.34	D		80	10	10	5								10		5	15										
33-04, 35	285.64	D		90	10	0	15				*	*			*		*	20	*			*	*		*			
33-06, 40	288.33	M		0	70	30	10				*	*			30		*	10	*			*	*		*		*	*
34-03, 50	295.82	D		80	15	5	15				*	*			15		*	15				*	*		*			
35-03, 64	304.14	D		80	15	5								1	5	*	1	25	1		1	*	*		1			
36-03, 141	312.64	M		30	70													20							5			
40-04, 50	352.04	D		60	40	0	15											15							5			
41-01, 30	357.30	D		80	20	0	5											15		5	*				10			
42-01, 70	367.20	D		30	60	10	10								10			25										
44-02, 50	387.50	D		20	70	10	5						*			*		30							10			
44-03, 103	389.53	D		50	30	20	*				*				*		1	15	*						2			
45-01, 60	395.60	D		0	40	60	6							5			40		10						*			
45-01, 110	396.10	D		0	60	40	8				*				40		*	15	*						*			
45-CC, 10	398.40	D		30	50	20	6				*				*		20		30	*					*			
45-CC, 10	398.40	M		60	35	5	6	*			*				5		*	30	*						*	*		*
51-CC, 4	452.04	D		95	5		5										*	20	*									
53-CC, 19	460.69	M		15	70	15									20			25				*						
53-CC, 55	461.05	D		45	50	5	5											20	5			*	*					
54-01, 90	470.30	D		5	45	50									50			20							2			
54-CC, 5	471.22	D		30	45	25	5								25			25							5			
56-CC, 16	487.91	D		10	40	50	1								50			20				*	*		2			
56-CC, 18	487.93	D		30	50	20	2				2				15		2	35				*	*		8		2	
57-04, 21	500.91	D		20	60	20	2				*				15		*	20							4			
57-CC, 34	501.26	D		25	60	15	3				*				20		*	25				*	*		5			
58-01, 55	505.65	D		0	50	50	*								50		*	15							5			
58-03, 56	508.70	D		10	70	20	5								20	5		20										
58-03, 75	508.89	D		9	71	20	3								20		*	20	*						*			
62-03, 116	535.63	D		20	60	20	10								20	2		30			*				*			
63-01, 20	540.60	D			50	50	5								50	5		12							*			
64-01, 110	550.30	D			20	80	2								60		*	16				*	*		*			

													Biogenic							Rock								
Mica	Olivine	Opauques	Pyrite	Pyroxene	Quartz	Rutile	Sillimanite	Staurolite	Topaz	Tourmaline	Volcanic Glass	Zeolite	Zircon	Diatoms	Echinoid Spine	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Ooids	Organic Debris	Organic Matter	Pellets	
20					10													20										
15				5	10					5																		20
10					10								5															20
5					5																							15
2		*			20						10					*		3		*								30
5		*			10						2			*						*			*					5
5		*			15						5												2					5
5		2			25						5																	20
2		*			20					*	2		*						*									15
3		*			10	*				*	1																	5
		*		5	10														2									10
		3		3	5																							10
10	10			10	20																							15
5	15			20	20																							10
10	10			15	20																							10
5	5				15																							
10	20				20																							10
8	*				20						4		*						5									30
6	*				20				*		8		*						5									25
5	2				30						3																	20
5	*				40					*	2		*						1									15
	20			5	30																							5
5	15			10	20																							15
10	10			10	15																							10
5	10			15	15						5																	10
5	15			10	15						10																	5
5	*			*	35			*		*	*							*										25
3	5			*	15					*	2							6										15
5				*	20								*															30
6	1			1	35	1	1						1															15
15	10			10	15						15																	10
5	15			15	15																							10
10	10			10	20																							15
5	5			10	25																							5
15					30																							10
4	*	13		2	20					*			*					4										15
5	*				15						5										3							7
4	*	*		*	18						*		*		*		*	*										15
1	*			*	35					*			*															7
1	*			1	45					*			*															12
*			*		15																							60
				10	35								0															10
10	3			10	30																							15
	2				20										3													2
*	3				20																			2				10
					15					*			*														10	
	5			5	20						2																	
5	3			5	15								*															20
3	3			5	15								*													*		20
5	5			*	20								*															
5	5				20						5																	15
5	10				15						3		*						2									20
2	*			*	19	*					2		*															15
	*				10						3																	10
	*				15																							5

Leg: 146		Site: 888																									
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data			Mineral																				
				Sand	Silt	Clay	Accessory Minerals	Actinolite	Amphibole	Anhydrite	Apatite	Barite	Calcite	Chlorite	Clay	Dolomite	Epidote	Feldspar	Garnet	Glauconite	Glaucophanite	Gypsum	Halite	Heavy Minerals	Hornblende	Kyanite	Magnetite
64-02, 105	551.75	D	5	50	45	6								45		*	15				*			*			
65-03, 58	561.68	D	60	30	10	12							10	*	*	35	*				*			*			*
65-06, 10	565.72	D	0	60	40	5							40	3	*	18	*								*		
65-CC, 10	566.13	D	40	50	10	5							15	5	*	30					*				5		

										Biogenic										Rock									
Manganese	Mica	Olivine	Opacques	Pyrite	Pyroxene	Quartz	Rutile	Sillimanite	Staurolite	Topaz	Tourmaline	Volcanic Glass	Zeolite	Zircon	Diatoms	Echinoid Spine	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Ooids	Organic Debris	Organic Matter	Pellets	
			5		*	13								*															15
	1		*		*	15						5		*															20
	4		*			13																							15
			5		10	15								*															10