

Leg: 146		Site: 889		Texture data														Mineral									
Sample	Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Accessory Minerals	Amphibole	Apatite	Calcite	Calcite/dolomite	Chlorite	Clay	Dolomite	Epidote	Feldspar	Garnet	Glauconite	Glaucophanes	Hornblende	Ilmenite	Magnetite	Manganese	Mica			
A-1-01, 1	20.01	D		70	30	*			*	1			30			15					3				1		
1-01, 20	20.20	D		40	60	*			*	4			60			5					*						
1-02, 97	22.49	D	80	15	5	20				0			5	1	*	30		*		*				5			
1-05, 50	26.52	D		60	40	8							40		*	15				*							
1-06, 28	27.81	D	80	18	2	15			*	*			2		*	30	*			*							
1-06, 75	28.28	D	60	30	10	5			*	0					*	15	0			5				15			
1-07, 5	29.08	D	70	25	5	5			*				5		*	25				5				15			
1-07, 45	29.48	D	50	40	10	5			*				5			20				5				15			
2-01, 142	30.92	D		40	60	5							60		*	10				*		*					
3-02, 30	39.82	D	6	59	35	15			*	0			35	1	*	15	*							0			
3-04, 30	42.83	D		30	70	2			0	00			70	0	0	8	0			3				0			
3-06, 12	45.66	D	65	23	12	15			0	0			12	1	0	20	*			*				0			
3-06, 19	45.73	D	25	60	15	5			*	0			10	0	0	25	0					*		5			
3-07, 3	47.07	D	80	20		15			0	0			0	1	0	30	*			*				2			
4-01, 42	48.92	D	10	40	50	5			*	0			40	0	*	20	0			*				0			
4-01, 43	48.93	D		40	60	10			0	0			50	0	*	20	0			*		*		*			
4-04, 95	52.88	M	60	30	10	2			*	0			5	0	*	20	0			10				5			
5-02, 146	60.89	D	90	10		10			0	0			0	*	*	20	0			*				0			
5-03, 8	61.03	D		10	90	1			0	0			85	0	0	5	0			0		*		0			
5-04, 117	63.59	M	20	40	40	2			0	3			30	2	*	20	0			1				0			
6-04, 90	71.74	D		30	70	2			0	0			60	0	*	10				*	*			0			
6-04, 110	71.94	M	15	35	50	2			0	0			35	1	0	5				*	0			0			
6-06, 85	74.59	D	5	25	70	2			*	5			45	0	0	10				*				0			
6-07, 86	76.10	D		20	80	3			0	2			50	0	0	20				*		*		0			
6-08, 65	77.39	D	5	35	60	5			0	5			50	0	0	15	*			0				0			
7-04, 50	81.17	D	0	40	60	1			0	0			60	0	0	4	0			*				*			
7-06, 139	84.96	D	25	53	22	*					44	2	16		*	5		4		1				3			
8-01, 46	86.96	D	0	45	55	5			0	0			55	0	0	4				*				0			
8-01, 50	87.00	M	0	40	60	*			0	0			60	0	0	4	0			3				0			
9-01, 145	95.95	D	50	40	10	7			*	0			10	0	0	16		0		*				0			
9-04, 44	98.21	D	0	30	70	4			0	0			70	0	0	11	0			*				0			
9-05, 63	99.87	D	0	60	40	5			*	0			40	0	*	12			*	*				0			
10-01, 45	104.45	D	5	45	50	5							50			15	*			*				0			
10-01, 50	104.50	D	0	40	60	8							60			4				*				0			
10-01, 56	104.56	M	0	20	80	5							80			3				*				0			
11-01, 110	114.60	D	3	80	17	6			0	1			17	0	*	25		*		*				0			
11-04, 15	118.15	D	40	40	20	*			0	0			20	0	3	25				12				0			
12-04, 50	123.15	D		50	50	5				2			50	0	0	7				*				0			
12-05, 50	124.65	D		50	50	3				0			50	0	*	6				*				0			
13-01, 10	127.10	D		45	55	5				0			55	0	0	8				*				0			
14-01, 19	128.19	D		46	54	6				0			54	0		6		*		*				0			
15-01, 11	129.11	D		40	60	2				0			60	0		7		0		*				0			
15-01, 30	129.30	D		40	60	2			*	5			40	0	*	20				2				0			
17-01, 37	130.47	D		50	50	5				0			50	0		10		0		0				0			
17-02, 60	131.36	M		80	20	1				0			18	0		1		0		*				0			
18-04, 14	144.19	D		40	60	5				0		*	55	0		5				0				1			
18-04, 23	144.28	D		70	30	10				0			30	0		12				*				0			
18-CC, 5	146.98	D		70	30	8				4			30	*		17				*			*	0			
20-02, 13	160.23	D		40	60	3			*	1			55	0	*	10				*			*	0			
22-01, 149	178.99	D	10	85	5								5	*	3	30		*		17				10			
22-04, 70	181.15	D	15	35	50					3			50	4	0	7		*		3				3			
22-06, 126	184.71	D	10	30	60					0			80	1	0	1		0		0				2			
24-04, 105	192.62	D	10	60	30					1			30	2	0	16		6		0				6			
24-06, 40	194.87	D	70	20	10					0			5	0	4	22		6		10				6			
24-07, 54	196.51	D	20	70	10	3	15			0			10	1	0	25		0		0	2			0			

Olivine	Opaques	Pyrite	Pyroxene	Quartz	Rutile	Sphene	Titanite	Tourmaline	Volcanic Glass	Biogenic							Rock									
										Zircon	Diatoms	Echinoid	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Cement	Micrite	Organic Debris	Organic Matter	Pellets	
	10		5	20				8	*			*		1			*									5
	5			12				3		*				2	*											4
	*			25				3		*		*		0	0			0								10
				12				5		*		*	5					5								10
	*		*	15			0	8	*			*														30
	5		10	20			0	15	0				0													5
*	5			15			*	20																		5
5	5		*	10			*	25	*																	5
	*		*	10				3					2						5							5
				0	10			10	*	*		*		0	*						0					12
	2		0	5				6	0	0		0								0						0
	*		*	16				1	*	*		0									0					30
	5		0	25				5	0			0							*		0					15
*	*		*	15				2				0							0		0					35
0	*		0	10				10		3		2									0					10
*	*		0	20				0				0							0		0					0
10	5		0	20				10	*			0									0					10
*	*		*	30				10	0			0									0					30
	0		0	2				0	0			0									0					3
2	5		0	15				5	0			0									0					10
	2		0	20				0	0	0								0			0					5
	50		0	5				0	0	0									0		0					1
	5		0	20				0	0	2				2					0		0					5
*	*		0	20				0	0	1									0		0					2
	0		0	15				0	0	3				*							0					5
*	*		0	5				5	0	16				1	3						0					1
	3			4				6		0		4														3
*	*		0	4				3	0	22						2	3				0					1
10			0	3				4	0	8				1	1						0					1
8	*		*	17				10	0	3				1	1						0					26
*	*		*	7				4	0	1				*							0					3
*	*		1	10				5	0	16				2	2						0					3
*	*			10				5		5				*	*											5
*	*			3				20		*				*	*											5
*	*			1				4		2				1	2											1
0	*		0	28				8	*	*											0					15
0	2		0	20				15	0	*			*								0					0
*	*		0	6				3		22		1		1		1	1				0					0
0			0	4				5		19		1		1		5	1				0					3
*	*		0	10				5		8		0		2		1	1				0					3
*	*		0	2				5		18		0		2		2	3				0					2
*	*		0	8				10		3		0		*		0	4				0					5
*	3		0	15				2	*	5							2				0					3
*	*		0	5				4		15		0		1		1	4				0					5
*	*		0	1				2		1		0		0		0	75				0					1
*	*		0	4				4		15		2		1		1	2			*						1
*	*		0	10				10	*	16		*		2		6	4				0					0
*	*			14			*	10		5		*		*		*	*				0					10
*	5			15				0		2							1				0			2		2
0				25				0	*	*		0					*			*	*					5
0			6					5	0	15		0	*	1			3				0	0				0
3				6				0	0	5		0	0	0			0				1	0				0
0				12				5	0	5		3	1	1			2				1	0				8
		12	5	12				0		0		2	0				0				0	0				12
	5			15				10				1	0	0			0				0					10

Leg: 146		Site: 889		Mineral																				
Sample	Hole, core, section, location (cm)	Depth	Lithology	Texture data			Accessory Minerals	Amphibole	Apatite	Calcite	Calcite/dolomite	Chlorite	Clay	Dolomite	Epidote	Feldspar	Garnet	Glaucosite	Glaucophane	Hornblende	Ilmenite	Magnetite	Manganese	Mica
				Sand	Silt	Clay																		
25-01, 50	197.80	D	10	70	20	5	5						20	0	0	25		0		0	0			0
25-03, 10	200.40	D	50	10	40	0	0						40	*	0	7		35		0	0			1
26-01, 13	206.93	D	5	60	30	0	0						30	3	0	12		0		0	0			3
26-01, 46	207.26	D	0	80	20	0		0	5				20	0	0	20				0			0	0
26-01, 102	207.82	D	0	70	30				0				30	1		15								0
26-04, 102	212.19	D		60	40	10				8			40	1		13								0
30-01, 91	228.71	D		60	40	10		*	0				40	0	*	15				*				
30-04, 115	233.45	D		70	30	5		*	0				30	1	*	15				*				
31-01, 30	237.50	D		80	20	5		0	2				20	1		12				*				
31-03, 33	239.92	D	0	75	25	6		*	1				25	4		16				*				
32-01, 30	247.00	D		50	50	5		0	1				45	0	*	15				*	*			
32-01, 50	247.20	D	5	55	40	5		*	1				40	0	*	15				2	*			
32-01, 103	247.73	D		70	30	*		0	0				30	0	*	2				5	*			
34-01, 115	258.35	D	0	60	40	4		0	1				40	4		10	*			*				3
34-03, 80	261.02	D	10	40	50	3		0	2				50	0		12		1		0				0
36-01, 50	267.20	D	5	40	55	5		0	2				55	*		10		*		*				0
36-CC, 7	267.91	D	5	35	60	*			0				60	5		10		0		1				0
37-01, 5	275.25	D	5	35	60	*			0				60	0		10		0		3				0
38-01, 5	284.15	D	0	35	65	5			1				55	0	1	15	*			3				0
40-01, 13	301.63	D	20	65	15	5		*	0				15	0	0	15		15		5				
40-01, 19	301.69	D	35	55	10	5		*	*				10	*	*	20		40		5				
40-02, 57	303.57	D	20	65	15	7		*	5				15	0	*	15		30		10				
40-CC, 5	308.53	D	20	60	20	10		*	1				20	1	*	28		15		*				1
41-02, 70	312.70	D	50	40	10	*		*	0				10	0	*	12		40		1				1
41-04, 16	315.16	D	5	55	40	*					35	1	17		1	4		4		*				15
41-04, 75	315.75	D	0	60	40	10		*	0				40	0	0	25		0		*				1
41-04, 105	316.05	D	5	80	15	10		*	0				15	1	*	40		*		*				*
42-01, 1	319.51	D	65	20	15	5		*	0				15	0		10		50		*				0
42-01, 10	319.60	D	0	60	40	8		*	0				40	0		18		*		*				2
43-CC, 10	330.10	D	25	60	15	3		*	0				15	0		10		50		*				0
44-01, 50	337.70	D	5	80	15	4		*	0				15	1		30		30		*				*
44-CC, 5	338.61	D	5	15	80	*		0	*				80	1		6		*		*				3
B-2-01, 0	206.40	D	0	100	0	*					70	1	*		*	*		1		*				*
3-01, 10	216.00	D	50	35	15	1	0		0				15	0	2	17		2		5				4
4-01, 10	225.40	D	0	35	65	0	0		2				65	0	1	5		1		0				1
4-02, 45	226.76	D	0	40	60	0	0		0				60	1	0	8		1		3				5
6-01, 37	244.67	D	0	80	20	0	0		1				20	1		10		0		5				3
6-01, 38	244.68	D	10	80	10	10	0		3				10	3		14		0		*				10
6-02, 90	245.89	D	0	65	35	0	0		0				35	0		13		0		1				1
6-03, 60	247.11	D	0	60	40	0	0		4				40	4		10		0		*				*
6-03, 75	247.26	D	0	40	60	0	0						60		1	7		0		1				0
7-04, 60	257.90	D	65	20	15	0	0						0		0	9		80		1				0
7-04, 70	258.00	M	0	5	95	0	0		0				95	0	0	0		0		0				0
8-02, 60	264.80	D		35	65	1	5	*	0				65	0	*	8					*			
8-02, 100	265.20	D		40	60	2	3	0	0				60	2	*	10					*			
8-04, 110	268.30	D		10	90	1	1	0	0				90	0	0	2					0			
8-04, 145	268.65	D		30	70	2	2	0	0				70	0	0	8					0			
10-01, 5	280.45	D		30	70	2	1	0	0				70	0	*	10					*			
10-02, 17	282.07	D		35	65	2	2	*	0				65	1	*	14					*			
12-01, 12	298.32	D	0	40	60	1	4	0	*				30	0	0	10								5
12-01, 93	299.13	D	60	10	30	*	1	0	0				15	0	*	7		50						2
12-02, 82	300.52	D	70	20	10	*	*	0	0				10	1	*	13		5						3
12-02, 83	300.53	D	5	75	20	*	3	1	1				20	2	*	23		10						5
12-03, 30	301.50	D	50	40	10	5	*	0	0				10	0	*	15		6						5
12-03, 60	301.80	D	70	20	10	1	2	*	0				10	0	*	10		60						2

										Biogenic										Rock					
Olivine	Opauques	Pyrite	Pyroxene	Quartz	Rutile	Sphene	Titanite	Tourmaline	Volcanic Glass	Zircon	Diatoms	Echinoid	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Cement	Micrite	Organic Debris	Organic Matter	Pellets
	5			15				0		2		0			0			3			0	5		10	
	3			6				*		*		5			0			0			0	0		1	
	5			10				0		25		*	*	3				5			0			2	
0	10			15				10		5								12		0		0		0	
				10				10				5	5		10			10						0	
				10				5		6			1		2			2						1	
	*			10				10		6			0		1			5						3	
	5			6				15		6		1	0	2	2			3						8	
	*			15				9		18		1	2	*	4		1	5						2	
	*			11				5		8		1	0	1	4		1	5						10	
	0			20				2		2		0	0	0	*			1				5		0	
	5			15				4		0		0	0	1	0			0				5		3	
	50			10				0		*		0	0	0	0		0	*						0	
	2	5		8				5		10		0			*			2				*		4	
	1	0		15				2		5		1		0	0			3						0	
*	*	*		20				2		2		0		0	0			2						0	
1	4	*		15				0		1		0		0	0			1						0	
*	5	*		15				0		1		0		1	0			1						0	
	5			8				0		1		0		*	0			1						3	
	*	25		15				5		0		0	0		0			0				0		0	
	*	1		10				5		*		0	0		0			0				0		0	
	*	3		5				10		0		0	0		0			0				0		0	
	*	*		15				4		0		0			0			0				1		3	
	*	15		10				3		0		0			0			0				*		5	
	8			4				3		0		1		2								3		1	
	*	*		18				5		0		0			0			*				*		0	
	*	*		20				5		*		*			*			1				1		3	
	*	*		8				0		0		0			0			0						12	
	*	*		15				10		0		0		4	0			0						0	
	*	8		5				4		*		0		2	0			0						0	
	*	*		15				5		*		*		*	*			*						0	
	*	*		3				5		*		1		*	*			0						0	
	4			3				*		4		4		4					1			3	4	*	
	5	0		13				3	0	0			0		0			0						30	
	5	0		10				0		3		*	0		*			*						5	
	6	0		8				5		1		0			0			0					*	0	
	7	0		5				3		30		*	1		5			6	*					3	
	* 0			10				4		30		0	0		1			4	0					1	
	10	0		10				0		20		2	0		2		*	5						1	
		5		7				1		16		*	0	*	3		1	8						1	
	0	2		6	*				*	15		*		*	1		1	4						0	
	0	2	1	7	0				0	*		*	*		0			0						0	
		0	0	5	0			0	0	0			0		0			0						0	
	2			12				1		1							*							2	
	5			15				0	*	0							0		*					1	
	2			2				0	0	0		0					0	0	0					0	
	2			10				0	0	0		0					0	1	0					0	
	2			12				0	*	1	*	0		*			0	*						0	
	2			10				0	*	4		0		*	*		0	*						0	
	3			10				2		0		0		0			2						30	0	
	10			5				0		0		0		0			0						10	0	
	4			10				0		0		*		1			*						50	0	
	8			15		*		4						1									0	6	
	*			15				2						0									40	0	
	5			6				0						1									0	0	

Leg: 146		Site: 889		Texture data													Mineral								
Sample	Hole, core, section, location (cm)	Depth	Lithology	Sand	Silt	Clay	Accessory Minerals	Amphibole	Apatite	Calcite	Calcite/dolomite	Chlorite	Clay	Dolomite	Epidote	Feldspar	Garnet	Glauconite	Glaucophanes	Hornblende	Ilmenite	Magnetite	Manganese	Mica	
12-03, 110	302.30	D	10	60	30	*	*			1			30	1	0	7		15							0
12-03, 148	302.68	D	5	75	20	*	5			1			20	4	2	22		15							3
12-04, 15	302.85	D	5	80	15	1	5			2			20	3	*	22		15							2
12-04, 125	303.95	D	15	70	15	5	*			0			15	0	*	21		10							3
13-01, 48	307.58	D	70	10	20	5	*			0			20	0	*	20		30							0
13-01, 60	307.70	D	60	20	20	3	*			0			20	2	*	15		50							0
13-02, 10	308.70	D	0	90	10	0	0			0			0	95		2		0							*
13-03, 44	310.36	D	50	30	20	*	*			1			20	0		10		*							2
13-03, 130	311.22	D	50	20	30	0	0			0			30	0		4		5							0
13-03, 140	311.32	D	50	25	25	*	2			2			25	3		10		20							3
13-CC, 4	311.42	D	80	15	5	0	5			2			5	3		8		60							5
13-CC, 10	311.48	D				1	*			0			5	85		4		0							0
14-01, 5	315.85	D	25	50	25	*	4	1		3			25	12		10		30							3
14-01, 80	316.60	D	60	20	20	*	*	0		2			20	0		23		0							1
15-01, 66	325.26	D	50	10	40	0	0	0		1			30	0		13		0							1
15-02, 5	326.15	D	10	60	30	*	0	0		3			30	1		10		4							4
17-01, 110	343.20	D	5	70	25	*	0	0		0			25	0		17		4							0
17-01, 138	343.48	D		65	35	*	0	0		0			35	25		8		*							0
17-01, 139	343.49	D	5	70	25	0	0	0		3			0	95		1		0							0
18-01, 35	351.35	D	10	80	10	00	0	0		0			10	50		7		20							3
19-01, 8	359.98	D	0	60	40	2						20	*	20		*	2		1						3
19-01, 14	360.04	D	0	20	80	*						*	10		*	3		5							3
20-CC, 5	368.75	D	30	40	30	*	0	0		0			20	17		8		30							1
21-01, 10	377.70	D	30	50	20	2	4	0		10			20	0		7		8							0
D-1-03, 43	83.43	D	15	50	35	*	5			0			33	0	2	16		0							3
1-05, 76	86.76	D		45	55	0	3	0		2			53	0		11		0							3
2-02, 3	106.23	M		100		*	*			0			5	0	0	1		*							*
2-02, 135	107.55	D	10	60	30	1	4			2			30	1	1	25		1							2
2-02, 136	107.56	D		40	60	*	3			2			60	3	*	10		1							2
3-01, 16	140.16	D	0	40	60	2	*			1			58	4	0	5		0							3
3-01, 76	140.76	D	0	80	20	*	3			2			20	4	1	20		*							3
4-01, 23	149.73	D	95	4	1	1	10			1			1	1	2	35		0							4
4-01, 35	149.85	D	0	60	40	2	3			5			35	6	0	20		0							4
4-01, 79	150.29	D	85	12	3	2	10			1			3	1	1	25		*							3
4-01, 88	150.38	D	60	30	10	3	12			0			10	0	*	30		0							3
4-01, 131	150.81	D	95	5		*	7			6			0	10	*	30		*							3

											Biogenic							Rock									
Olivine	Opauques	Pyrite	Pyroxene	Quartz	Rutile	Sphene	Titanite	Tourmaline	Volcanic Glass	Zircon	Diatoms	Echinoid	Foraminifers	Nannofossils	Plant Debris	Radiolarians	Siliceous Sponge Spicules	Silicoflagellates	Sponge Spicules	Bioclasts	Cement	Micrite	Organic Debris	Organic Matter	Pellets		
	5			6				0						0									35	0			
	5			17				3						0									0	2			
	12			15				2																0			
	20			20				1																5			
	5			10				5				*	*						5					0			
	*	5		5				*				*		0		*			0						0		
		*		3				0						0		*								0	0		
		3		9				3						2		0								47	0		
		8		3				0						0		0								50	0		
		8		7				2						1		2								15	0		
		5		7				0						0		0								0	0		
		2		3				0					0	0		0								0	0		
		5		6				0					0	*		*								0	0		
		5		20				1					0	0		1			15					5	2		
		5		10				*					0	0		0			0					33	2		
		2		10				1					0	0		*			0					35	0		
		8		14				0					0	0		2			0					30	0		
		0		4				0		2			*	0	*	1			0					20	0		
	*	0		1				0		0			*		0	*			0					*	0		
	0	4		6				0		*		*	0		*	0								*	0		
	8			10				0		4		8		*					*		20	*			0		
		10		6				0		7		2									37	4	8		2		
	4	0		12				2		*		0	0		0	2							*		0		
	4	0		8				0		1		0		1	0	1								30	0		
	3	3	1	18				4		0		0		2	0	1									9		
	*	5		8				0		8		0		0	2	5								0	0		
	*	*	0	5				0		2		*		0	*	85									0		
	0	0	*	20				2		4		*		0	0	1									2		
	2	*	0	8				1		4		0		0	1	2									0		
	*	*	0	5				1		9		0		0	8	2									1		
	4	*	2	18				2		11		0		0	1	5									0		
	4	0	5	25				2		0		*		0	0	0									9		
	2	*	*	15				3		*		*		0	*	*										2	
	8	0	4	25				3		0		0		0	0	0									12		
	1	0	3	20				2		0		0		0	0	0									12		
	3	0	2	18				4		0		2		0	0	0									15		