

Leg: 138		Site: 851																			
Sample	Hole, core, section, location (cm)	Depth (mbsf)	Lithology	Texture data			Mineral								Biogenic						
				Sand	Silt	Clay	Clay	Fe Oxide	Feldspar	Manganese Oxide	Oxides	Pyrite	Pyroxene	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules
A-1-01, 0		0.00	M	15	25	60	10				1					8	36	41	4	*	*
1-01, 22		.22	M				5					3			7	6	25	50	2		2
1-01, 34		.34	D				5							2	5	23	59	6	*	*	
1-01, 60		.60	D				2				*					8	25	62	3		*
1-02, 100		2.50	M				*	*		2						15	20	58	5	*	*
1-04, 70		5.20	D				1									10	20	65	4	*	*
B-1-02, 0		1.50	M	10	20	70	5									11	24	53	7	*	*
1-04, 60		5.10	D	15	20	65	2	1								11	32	47	7		*
2-03, 60		11.10	D	10	20	70	2	1								8	35	50	4		*
2-06, 60		15.60	D				*									8	30	57	5		*
3-02, 95		19.45	D				*									10	30	50	10	*	*
3-06, 60		25.10	D				*	*								5	25	65	5	*	*
4-02, 100		29.00	D				3							*		10	14	58	15	*	*
4-03, 60		30.10	M				3							*	*	23	16	49	9	*	*
4-05, 70		33.20	M				2							*		4	29	57	8	*	*
5-01, 70		36.70	D				*									5	8	62	25	*	*
5-02, 50		38.00	M				*									5	15	70	10	*	*
5-04, 65		41.15	M				*									20	13	37	30	*	*
6-02, 80		47.80	D				5					1				3	20	64	6	*	1
6-03, 116		49.66	D				4							*		4	20	67	5	*	
6-03, 140		49.90	M				10					2		*		4	15	63	3	1	2
6-06, 20		53.20	D				5					*		*		3	22	65	4	1	*
7-01, 125		56.25	D													2	25	70	3	*	*
7-04, 95		60.45	M				10					2		*		5	25	52	5	*	1
8-01, 39		64.89	D				10							*		8	25	45	12		*
8-04, 100		70.00	D				4									2	20	71	3		*
9-02, 95		76.45	D				1					1				19	13	58	7	*	1
9-04, 69		79.19	M									2		*		37	15	40	6	*	*
9-06, 50		82.00	D				*									11	24	53	12	*	*
10-01, 70		84.20	D											*		16	18	62	4	*	*
10-05, 100		90.50	D									*				17	18	58	7	*	*
11-05, 67		99.67	M		30	70	*									41	4	50	5	*	*
11-07, 39		102.39	D		15	85	2							*		19	5	69	5	*	*
12-02, 95		104.95	D	5	15	80	1						*			19	6	64	10	*	*
12-04, 125		108.28	M		15	85	*					*				30	6	61	3	*	*
13-02, 50		114.00	M				2									30	5	52	10	1	*
13-04, 92		117.46	D				1									8	4	80	7	*	*
14-01, 70		122.20	M		15	85	3					*				18	9	65	4	1	*
14-04, 80		126.80	M		10	90	*					*		*		33	3	57	7	*	*
15-03, 67		134.67	M		40	60	1						*	*		50	3	44	2	*	*
15-03, 90		134.90	D		40	60	2					*	*			40	5	49	4	*	*
16-01, 111		141.61	M				2							*		37	5	51	5	*	*
16-03, 95		144.45	D				2									35	3	56	3	1	
16-04, 95		145.95	M				3									45	3	41	7	1	*
17-02, 35		151.95	D				2					2				14	3	75	3	1	*
17-03, 37		153.47	M				7									30	2	53	4	4	
17-05, 60		156.70	D				5					1				4	3	81	5	1	*
18-03, 15		162.95	D				10									10	4	71	2	2	1
18-05, 60		166.40	M				12					3		*		28	3	51	2	1	
18-06, 50		167.80	D				10					2				15	3	60	8	1	1
19-02, 103		171.88	D				11					2				15	4	55	12	*	1
19-05, 148		176.83	M				5					3				35	5	46	5	1	*
19-06, 44		177.29	D				14					*				15	7	53	10	1	*
20-01, 60		179.70	D				1					1				18	5	66	8	1	*
20-03, 20		182.30	D				*					*				12	7	70	10	1	*

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				Sand	Silt	Clay	Clay	Fe Oxide	Feldspar	Manganese Oxide	Oxides	Pyrite	Pyroxene	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates
20-05, 9	185.19	D				5				*				20	3	51	18	2	1	
21-02, 60	190.40	D				4				1			*	6	5	77	6	*	*	
21-04, 120	194.00	M								2				35	5	49	3	5	1	
21-05, 75	195.05	D				5		*					*	7	5	79	3	1	*	
22-01, 40	197.90	D				4							*	12	9	62	12	*	1	
22-02, 110	200.10	D				4								9	6	78	3	*		
22-05, 115	204.65	D				3								4	16	69	8		*	
22-06, 70	205.70	M				6								20	19	48	6	*	1	
23-02, 80	209.40	D				3				*			*	22	14	42	18	*	1	
23-03, 130	211.40	M				1								28	21	33	17	*	*	
23-05, 100	214.10	D				3								28	1	53	15	*	*	
23-CC, 3	216.64	M				4							*	30	*	40	25		1	
24-02, 61	218.91	D				1				*				29	3	47	19	*	1	
24-06, 66	224.96	M				4				2				33	*	45	15	*	1	
24-06, 77	225.07	D				3								40	18	33	6	*	*	
24-06, 107	225.37	D				2								17	15	58	8	*	*	
25-02, 1	227.91	M		35	65	7							*	45	3	25	20	*	*	
25-02, 79	228.69	M		50	50								*	78	2	15	5	*	*	
25-03, 120	230.60	D		20	80	1								20	1	56	22	*	*	
26-03, 110	240.20	D		30	70	3							*	30	2	49	15	1	*	
26-06, 35	243.95	M		40	60	1				1			*	55	2	29	12	*	*	
27-01, 80	246.60	D	30	70		2				*			*	41	2	39	15	1	*	
27-03, 97	249.77	D		30	70	*				*			*	42	1	50	7	*	*	
28-03, 70	259.20	D											*	5	2	78	15	*	*	
28-07, 30	264.80	M								1			*	35	2	57	5	*	*	
29-01, 85	265.95	M												9	2	66	22	1		
29-03, 25	268.35	D				3								40	1	50	6	*		
29-05, 50	271.60	M				1				*				85	1	10	2	*		
31-01, 70	284.70	D				*								10	3	77	10	*	*	
31-02, 75	286.25	M				*							*	70	1	26	2	*	*	
31-05, 65	290.65	D				1							*	39	2	55	2	1	*	
32-01, 20	293.80	M				1								35	2	55	6	1	*	
32-03, 70	297.30	D				*								9	2	82	5	2	*	
33-05, 85	310.05	D		30	70	*							*	28	2	40	30	*	*	
33-06, 136	312.06	M		20	80	*							*	21	4	59	16	*	*	
34-02, 70	315.10	D				*								20	4	65	10	*	1	
34-02, 78	315.18	M												14	1	62	23	*	*	
C-1-02, 70	4.70	D												5	15	77	3			
4-01, 67	31.67	D				1							*	4	32	60	3			
4-04, 100	36.50	D				2							*	6	28	58	5		1	
4-07, 70	40.70	D				1								11	23	51	13	*	*	
7-03, 50	63.00	M				25				*			*	24	15	10	26	*	*	
7-05, 140	66.90	D				1								3	24	68	4	*	*	
E-2-02, 70	11.58	D				3								2	31	56	8	*	*	
2-04, 40	14.28	M				2								19	25	39	15	*	*	
3-01, 80	19.80	D		20	20	60	2						*	23	28	32	14	1	*	
3-05, 120	26.20	M		5	20	75	5					1	*	8	19	51	16	*	*	
4-04, 20	33.20	D		5	15	80	3			*		1	*	5	19	65	7	*	*	
5-03, 70	41.70	D				2								10	20	64	4	*	*	
5-06, 110	46.60	D		15	85	3				*		1	*	4	13	68	11	*	*	
6-01, 47	47.97	D				1								5	15	74	5	*	*	
6-04, 65	52.65	D				5								7	11	64	13	*	*	
7-02, 115	59.65	D				3							*	10	10	62	15	*	*	
7-05, 90	63.90	M										1		20	23	31	25	*	*	
8-02, 75	68.75	D		10	90	2				*		1	*	5	17	70	5	*	*	

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				Sand	Silt	Clay	Clay	Fe Oxide	Feldspar	Manganese Oxide	Oxides	Pyrite	Pyroxene	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules
8-05, 20	72.70	M		15	85	2						*		1	*	4	13	73	7	*	*
9-02, 97	78.47	M														40	8	46	5	1	*
9-03, 60	79.60	D		20	80	3						*		*	*	8	15	67	7	*	*
9-05, 135	83.35	M		10	90	2						*		*	*	13	6	74	5	*	*
9-06, 30	83.80	D										*			*	11	5	81	2	*	1
10-02, 115	88.15	D				5										8	8	76	2	1	*
10-03, 118	89.68	M														40	7	45	3	5	*
10-05, 125	92.75	D													*	8	6	83	2	*	1
11-01, 40	95.40	D													*	25	6	65	4	*	*
11-05, 30	101.30	D														28	12	53	6	*	1
12-02, 60	106.60	D										*			*	17	7	71	4	1	*
12-07, 33	113.83	D													*	40	4	51	5	*	*
13-01, 70	114.70	D				3						1			*	23	2	68	2	1	*
13-04, 30	118.80	D										*			*	30	3	62	5	*	
13-04, 122	119.72	M													*	35	8	53	3	1	*
13-05, 40	120.40	D														25	6	64	4	1	*
14-03, 5	126.55	D														20	9	65	5	1	*
14-06, 55	131.55	D				5						*				23	3	61	7	1	
14-06, 55	131.55	D				2						*		*	*	38	7	50	2	1	*
14-06, 137	132.37	M										2			*	60	8	22	4	3	1
15-02, 7	134.57	M				7										45	3	41	2	1	1
15-02, 80	135.30	D				2									*	32	5	55	5	1	*
15-06, 30	140.80	D				3						*				27	4	62	3	1	
16-02, 115	141.65	D				2						*				22	3	69	4	*	*
16-05, 128	146.28	M				3						2				44	8	40	2	1	*
16-05, 140	146.40	D				2										30	3	61	4	*	*
17-02, 100	147.50	D				2										35	3	57	2	1	
17-04, 56	150.06	M				1										46	8	42	1	2	
17-06, 75	153.25	D				2						*				29	3	62	3	1	*
18-02, 95	157.15	D				*										13	4	78	5	*	
19-01, 90	165.20	D		5	95	3						1		*	*	6	6	80	3	1	*
19-06, 110	172.90	M		20	80	2						*		*	*	42	2	46	8	*	*
21-02, 110	185.70	M				2						*				22	10	54	12	*	*
21-04, 70	188.30	D				3						*		*		10	14	64	7	2	*
22-04, 61	197.41	D				4						*		*		7	5	68	15	1	*
23-04, 79	207.19	D				1						*		*		12	12	68	7	*	*
24-01, 50	212.10	M				*										20	3	52	25	*	*
24-04, 65	216.75	D				*										10	4	73	13	*	*
25-02, 90	223.60	D				1						*				40	2	42	15	*	*
25-05, 75	227.95	M				1										50	1	28	20	*	*
26-03, 95	234.85	M				3			*					*		50	1	34	12		
26-05, 50	237.40	D							*							30	1	48	20	1	*
27-02, 50	242.60	M				*								*		70	1	24	5	*	*
27-04, 125	246.35	D				*						*				45	1	39	15	*	*
28-01, 55	250.85	D														54	1	40	4	1	
28-02, 19	251.99	D													*	49	1	40	10	*	
28-02, 88	252.68	M				8						1				77	*	14		*	
28-06, 135	259.15	D														2	2	88	8	*	*
29-03, 80	263.70	D				10						*				3	3	76	8	*	
29-06, 120	268.60	M										1				65	2	30	2	*	
30-01, 50	270.10	D	4	30	66							2				68	1	28	*	1	
31-01, 80	280.10	D				8						3				20	1	67	1	*	
31-04, 100	284.80	D				8										6	1	80	4	1	
32-01, 90	289.40	D				5									*	4	5	80	6		
32-02, 110	291.10	D														15	2	72	10	1	

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				Sand	Silt	Clay	Clay	Fe Oxide	Feldspar	Manganese Oxide	Oxides	Pyrite	Pyroxene	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates
32-03, 76		292.26	M							1					65	5	28	1		
32-05, 80		295.30	D				10								4	1	75	10		
33-02, 80		300.40	M										*		8	3	85	4	*	
33-02, 115		300.75	D												15	7	65	12	1	
33-04, 50		303.10	D				2								16	5	71	6	*	
33-05, 90		305.00	D				4								9	2	83	1	1	
34-01, 85		308.65	D				*								18	11	62	9	*	*
34-04, 27		312.57	D				1								15	7	70	7	*	*
34-04, 69		312.99	M				3								45	14	31	7	*	*