

Site 1027																																				
Sample				Depth (mbsf)	Texture				Mineral Constituents															Biogenic Constituents												
Hole	Core	Section	Interval		Lithology	Sand	Silt	Clay	Quartz	Feldspars	Rock Fragments	Muscovite	Biotite	Chlorite	Volcanic Glass	Calcite	Amphibole	Pyroxene	Zeolite	Clay	Opauques	Iron Oxides	Pyrite	Zircon	Apatite	Sphene	Other	Foraminifers	Nannofossils	Diatoms	Radiolarians	Sponge Spicules	Bioclasts	Plant Debris		
B	1	1	48	0.48	D	0	40	60	C	C						R			A	T		M					T	R	C	R	C	R				
B	1	3	69	3.69	D	5	40	55	C	C			T		T	R			A	R		R					T	R	M	T	M	T				
B	3	2	77	15.97	D	80	20	0	A	C	C					M					R															
B	3	5	109	20.79	D	0	40	60	C	C		M		M		M			A	R								R				T				
B	4	1	80	24.00	D	0	30	70	C	C		M	T	M		R			C	T								T								
B	4	1	135	24.55	D	20	50	30	C	C	M		T		M	M			C	T	T								T			T				
B	5	1	30	33.00	D	0	30	70	M	M			R			R			D	R								R				T				
B	5	1	80	33.50	M	30	60	10	D	C	M		T		R	M				T								T								
B	5	3	25	35.95	D	60	40	0	A	C	C	T	M			C				T							R		T				T			
B	6	3	50	45.70	D	70	30	0	A	C	M		T			M				T						Ru	T	T						T		
B	7	1	140	53.10	D	20	70	10	D	R	M					C	R		R	R	T												T			
B	7	5	50	56.17	D	65	25	10	D	M	M		R	R		T	C			M	R															
B	8	1	105	62.25	D	0	60	40	A			T	T	T		R	T		A	R	T							R	T							
B	8	2	99	63.69	D	5	70	25	D	T	R	R	T	T		M	R	T		M	R	T			T			R	T	T						
B	8	4	70	66.40	D	80	15	5	A	M	C		R			R	C	T		M	R	T		T												
B	9	1	80	71.50	D	0	60	40	A	R	R		T	T		R	M	T		A	R	T		T												
B	9	3	80	74.50	D	85	15	0	A	M	C					C	T		M	R																
B	17	1	49	145.99	D	0	35	65	A	M	R		T			R	R			A	R	T						T	R	R				T		
B	17	1	71	146.21	D	5	25	70	D	R	T		T			R	R		T	A	R								T	R	T	T				
B	17	2	23	147.23	D	5	90	5	D	R	C		T	T		R	M			R	R	T														
B	17	2	120	148.20	M	5	10	85	A	R			T	T		R				A	R								R	T	T	C				
B	17	CC	33	150.89	M	10	70	20	M	T			T			D	R	T		R	R	T														
B	19	1	59	165.29	D	0	40	60	A	R			T			R	R	T	T	A	R								T	T	T	T				
B	19	1	109	165.79	D	5	70	25	A	R	M		T			R	C		T	M	C	T		T					R	T						
B	19	CC	30	166.62	D	60	40	0	A	A	A		R				M			R									T							
B	20	CC	32	174.62	D	0	20	80	C					T						D	T													T		
B	21	CC	27	184.17	D	40	40	20	D	C	C		R							M																

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B	21	CC	30	184.20	D	30	40	30	A	A	C		T			C				R									T							
B	22	1	119	194.69	M	5	30	65	A	C						R			A	R								T	T	T				R		
B	22	2	120	196.20	D	0	40	60	C	C						M			A	R								T	T					R	T	
B	22	3	39	196.89	D	70	30	0	A	C	R		T	T		M				R									T			T		T		
B	23	1	52	203.72	D	0	40	60	C			R		R		R			A	T								R							T	
B	23	1	74	203.94	D	60	40	0	A	C	C		R			T	M				R							T	R	T		T	T	T		
B	23	CC	24	204.76	M	0	90	10	A	A	R					C				R									T			T	T			
B	26	1	28	232.28	D	5	25	70	C	C						R			A	T							M	M	T				M			
B	26	1	56	232.56	D	80	20	0	A	C			R			R	M				T							T	T	T		T	T			
B	26	2	122	234.72	M	5	80	15	A	C	C		T			C				M									T							
B	26	4	61	237.11	D	5	40	55	C	C				M		M			A	T							R	M	R	T	R	R				
B	27	1	124	244.34	D	0	30	70	M	R			T			R			M	T							R	A	T	T	T	T	R			
B	27	2	14	243.24	D	0	30	70	C	M						T	R			D	T						T	R				T				
B	27	2	30	243.40	D	5	40	55	C	M	R					M			A									R					T	T		
B	28	1	56	251.86	D	0	50	50	C	C				R		M			A	T								R					T	T		
B	28	1	120	252.50	D	0	30	70	C	C			T			T	M			A	T							R							T	
B	29	1	50	261.40	D	5	40	55	D	M	R	T	T	T		R	R			C	R															
B	29	5	70	267.60	D	0	70	30	A	R		T	T			R		T		A	R							T	T							
B	30	2	20	272.20	D	0	70	30	A	M	R					R	R	R		A	R							T				T				
B	30	2	42	272.42	D	0	60	40	A			T	T	T		M	R	T		A		T								T		T				
B	30	5	95	277.45	D	5	75	20	D	M				T	R	M				C	M									R	T	M				
B	31	1	134	281.44	D	0	40	60	A	M	M	R	T	R					C	T								T	M	R	T			R		
B	31	1	138	281.48	D	40	60	0	A	C	M		R			T	M			T								T		T		T				
B	31	5	10	286.20	M	0	20	80	T												T							R	D	T				R	T	
B	32	1	49	290.29	D	0	25	75	C	M				R						D									T	T						T
B	32	2	2	291.32	M	5	30	65																				M	D	T	T			M		
B	33	1	46	299.86	D	10	60	30	C	A		M				R	M				T			T		To										

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B	33	2	73	301.63	D	0	20	80	C	M				R			R			A	T												R			R	T			
B	34	5	35	315.45	D	0	20	80	C	M						R			D	T													T	T		T	T			
B	34	5	100	316.10	D	0	30	70	C	M						R			D	T							R	R						T	R					
B	35	3	20	321.90	D	0	20	80	C	M				T			R			D	T																			
B	36	4	49	333.39	D	10	80	10	A	C	M						C				R																			
B	36	5	38	334.78	D	0	40	60	C	C			T	R		M	M			C	T																			
B	36	6	47	336.37	M	30	50	20	C	A	R		R	R			M				T																			
B	37	1	20	338.20	D	0	50	50	A	C	M					T	M			C	T															T				
B	37	1	25	338.25	D	0	70	30	C	M				M			R			A	T																			
B	37	3	46	341.46	D	0	30	70	C	C				R			R			A	T																T			
B	37	4	41	342.91	D	0	20	80	A				T	R			R			A	T																			
B	38	1	55	348.25	D	0	30	70	C	C			T	R			R			A	T																T			
B	38	2	16	349.36	M	5	70	25	A	C			T	R			M			M	T																T			
B	38	4	6	352.26	M	20	70	10	A	C	M		R	T		T	C				R																			
B	38	4	19	352.39	M	0	50	50	C	R				T		A	T			C	T																			
B	38	6	9	355.29	M	0	40	60	C	M				M		A	T			M	T																			
B	38	6	22	355.42	D	0	20	80	C		M		T				R			C	T																	T		
B	39	1	40	357.70	D	0	30	70	C	M			T	T		R	T			D	T																	T		
B	39	5	119	364.49	M	10	90	0	A	C			T			T	C				R																			
B	39	6	48	365.28	M	10	75	15	A	C	R	T	T			T	M			T	R																			
B	39	CC	15	366.95	D	0	30	70	C	C							R			A	T																			
B	40	1	39	367.39	M	5	85	10	A	C			T				C			M	T																		T	
B	40	2	77	369.27	D	0	20	80	C	M					T		R			D	T																			
B	40	2	87	369.37	D	0	50	50	C	C			T	R		T	M			A	T																			
B	41	2	12	378.22	D	0	30	70	C	M				R		R	R			D	T																			
B	41	2	110	379.20	D	0	20	80	C	M				C			R			D	T																			
B	42	1	52	386.72	D	5	35	60	C	C				R		T	R			A	T																			T

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B	42	2	34	388.04	D	0	35	65	C	C			R		T	R			A	T									T						
B	42	2	36	388.06	M	5	85	15	A	C	R		R	T		C					M														
B	42	5	37	392.57	M	0	70	30	C	M			T		A				C	T									T						
B	42	5	50	392.70	D	5	35	60	A	M					C				A	T							T	M						T	
B	43	1	80	396.60	D	0	40	60	A	C	R					R			A																
B	43	5	90	402.70	D	20	70	10	A	C	C			R	T	M			M	T									T						
B	44	1	30	405.70	D	0	20	80	C	M				T		R			D	T									T						
B	44	5	92	412.32	M	0	80	20	A	C	M		R	R	R	M			M	T									T						
B	45	1	31	415.31	M	0	30	70	C	M					M	R			D										R						M
B	45	3	16	418.16	M	5	85	10	T					T					T								T	D							R
B	46	1	120	425.80	D	0	60	40	C	C				T	R	M			A	R									T						
B	47	1	50	434.70	M	0	30	70	M	M			T		D	T			A	T									R						T
B	47	3	57	437.77	D	5	40	55	C	C	R			T	R	R			A	T									R						
B	48	1	60	444.50	D	0	40	60	C	C				M	R	R			A	T									T						
B	48	3	70	447.60	M	0	90	10	R						M				R										D						
B	49	4	82	458.82	M	0	90	10	R						C				R										D						
B	49	5	52	460.02	D	0	40	60	C	C	R		T	R		M			A	T									T						
B	49	5	65	460.15	D	0	30	70	C	C				T	T	R			A	T															
B	49	7	12	462.62	M	60	30	10	A	C	R		T	T		C			R	R															
B	50	1	50	463.50	D	0	40	60	A	C				R	T	R			A	T									T						
B	50	1	131	464.31	D	0	30	70	A	M				R		R			A	T															
B	50	3	90	466.90	M	30	50	20	A	C	M		R	T	T	M			M	T															
B	50	4	54	468.04	M	0	90	10	R	T					M	T											T	D							
B	50	5	27	469.27	D	10	50	40	C	C	R				T	M			A	T															T
B	51	1	29	472.89	D	5	40	55	C	C			T			M			A	T															
B	51	2	86	474.96	D	5	65	30	A	C	R	T	T	T	R	R	T		A	R															
B	51	4	51	477.61	M	0	60	40	R					T	D	R			M																

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B	51	5	122	479.82	D	10	80	10	A	A		T	R	R		T		T		M	R	T															
B	52	1	78	482.98	M	0	30	70	R	R	R			T		A				A	T							T	T								
B	52	1	80	483.00	M	0	40	60	T	T	T				T			T	A	T										D							
B	52	5	122	489.42	D	0	70	30	D	M			T		R	M	T		A	R							T		T								
B	53	1	96	492.66	D	0	65	35	A	C					R	M	T		C	R																	
B	53	2	24	493.44	D	15	75	10	A	C		T	M	T		R	R	T		C	M					T			C								
B	53	4	147	497.67	D	15	50	35	A	C	M		T		R			M	A	T									M								
B	53	5	15	497.85	M	0	40	60	R	R					D	T		R	A	T							T	M									
B	53	5	147	499.17	M	0	55	45	T	R			T		A			C	A	R															T		
B	54	1	12	501.42	M	10	30	60	A	C			T		T	R			A	T																	
B	54	1	106	502.36	D	0	40	60	A	C			T	T	T	R			A	T									T	T							
B	54	2	77	503.57	D	0	30	70	C	M				T	T	R			D	T									T	T							
B	54	4	117	506.97	D	0	40	60	C	M			T	R	T	R			D	T									T								
B	54	5	14	507.44	M	20	30	50	A	C			R		T	M			C	T									T								
B	54	5	27	507.57	M	10	40	50	A	M			T			M			C	C									T	T							
B	54	5	83	508.13	M	0	80	20	R						D				M										T								
B	54	6	25	509.05	D	5	35	60	A	C	R			T	T	R			C	R									T								
B	54	7	12	510.42	D	0	30	70	C	M					T				D										T								
B	55	1	99	511.99	M	0	30	70	C	C					T	R			A										T								
B	55	2	9	512.59	M	0	70	30	R						D	T																					
B	56	1	125	521.85	D	0	35	65	C	C	M	T		T	T	R			A	T									T								
B	56	2	137	523.47	M	0	90	10							A														D					T			
B	57	1	50	530.80	D	0	30	70	C	M				R	T	R			D	T																	
B	58	1	90	540.80	D	5	35	60	A	C				T	R				A	R									T								
B	58	4	90	545.30	D	0	10	90	C						T	T			D																		
B	59	1	99	550.49	D	10	30	60	C	C					T	M			A	T									T								
B	59	1	105	550.55	M	5	85	10	C	M						M			R	D																	

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B	59	2	143	552.43	M	40	60	0	A	C	C		R			M				T														T		
B	59	4	85	554.85	D	5	45	50	C	M					T	R				C	A															
B	59	5	118	556.68	D	0	30	70	A	C						T			D	T																
B	60	3	62	562.72	D	0	30	70	C	M					R	T				D	T												T			
B	60	CC	30	568.86	M	10	70	20	C	C					D																					
B	61	CC	7	568.37	D	0	30	70	C	C					T	R				D																
B	62	CC	19	572.99	M	0	90	10	R						M																		D			
B	62	CC	30	573.10	D	0	30	70	C	C			T			R		T	A	R												R				
B	62	CC	32	573.12	M	0	30	70	C	C					T	T		A	A																	
B	62	CC	33	573.13	M	0	70	30							R																		D			
B	62	CC	35	573.15	M	0	60	40	R						R																	D				
B	36	4	10	333.00	D	0	40	60	C	C						T			A	T							Ru				T			T		
C	2	1	20	594.60	D	0	70	30	A	C	T	R	R	R	R	R		R	A												R			T		
C	2	7	44	602.90	M	O	30	70							R			T	R													D				
C	2	7	140	603.86	M	0	20	80	R				T			C	T			M	R											D				
C	3	1	25	604.35	M	0	30	70	T						C	T				R	R								T		D					
C	3	1	44	604.54	M	0	80	20							M					M	R											D				
C	3	2	14	605.24	M	0	10	90				T			M					D	T								T		C					
C	3	2	62	605.72	D	15	75	10	D	M	M	R	T		R					R		T		T												
C	3	2	90	606.00	D	0	30	70	M	M		T			C					D	T												R			

Note: See Site 1023 for key to abbreviations.