

SITE 1087 SMEAR SLIDES

Sample							Grain Size			Mineral											Biogenic (D = dominant, A = abundant, C = common, F = frequent, R = rare, T = trace)																	Sediment Name
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Sand	Silt	Clay	Opaque Minerals	Pyrite	Mn Oxides	Quartz	Feldspar	Mica	Chlorite	Phosphorite	Glaucinite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules						
175	1087	A	1	H	2	80	2.7							T							R						A	A						NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	1	H	4	60	5.4							T							R						A	A						NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	1	H	6	30	7.95					T									R						A	A				R		NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	2	H	1	80	9.4			C		T									T						A	A	T					CLAY-RICH NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	2	H	3	80	12.4			F		T															A	A	T		T		T	CLAY-BEARING NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	2	H	6	80	16.9			C		T									T						A	A	T					CLAY-RICH NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	3	H	1	80	18.9			R		T									F						A	A	T		T			NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	3	H	3	80	21.9			R		T									F						C	A	T		T			FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	3	H	5	80	24.8			C		R									F						C	A	T		T			FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	4	H	1	80	28.4			F		T									F						C	A	T		T			FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	4	H	3	90	31.55			R		T									F						F	A	T		T			FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	4	H	6	60	35.6			F		T									F						C	A	T		T		T	FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	5	H	1	80	37.9			F		T									F						C	A	T		T		T	FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	5	H	3	45	40.37			F		T									F						C	A	T		T		T	FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	5	H	6	110	45.85			C		R		T							F						C	A	T		T		T	CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	6	H	1	60	47.1			F		T		T							F						C	A			T			CLAY-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	6	H	2	70	48.75			C		T		T							F						C	A			T			CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	6	H	5	90	53.55			F		T									F						C	A			T			CLAY-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	7	H	1	80	56.9			C		T							T		R						C	A	T				T	CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	7	H	2	40	57.8			C		T		T							R						C	A					T	CLAY- AND FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	7	H	6	40	63.8			F		T		T							R						C	A					T	FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	8	H	2	80	67.9			R		T		T																				FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	8	H	4	90	71.05			R		T		T							T			R			F	A					T	DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	8	H	6	80	73.9			R		T		T							R						C	A					T	FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	9	H	1	80	75.9			R		T									F						C	A				T		FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	9	H	2	80	77.4			C		T									C						A	A				T		CLAY-RICH NANNOFOSSIL-FORAMINIFER OOZE				
175	1087	A	9	H	6	80	83.4			R		T									R						R	A				T		NANNOFOSSIL OOZE				
175	1087	A	10	H	1	80	85.4			T		T		T							T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	10	H	2	60	86.6			F		T		T							T						R	A						CLAY-BEARING NANNOFOSSIL OOZE				
175	1087	A	10	H	6	80	92.9			F		T		T							T			F			F	A			T			DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	11	H	1	80	94.9			R		T		T							R						F	A					T	CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	11	H	2	80	96.4			T		T		T							R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	11	H	6	130	103.15			T		T		T							R						F	A					T	FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	12	H	1	80	104.4			T				T							T						F	A					T	FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	12	H	5	40	109.8			R		T		T							T						F	A					T	CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	13	H	2	80	115.4			T		T		T							R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	13	H	4	80	118.4			F		T		T							R						F	A						CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	14	H	1	80	123.4			R		T		T							R						F	A					T	FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	14	H	3	100	126.7			R		T		T							R						C	A						FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	14	H	6	80	130.9			R		T		T							R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	15	H	2	80	134.4							R						T	R						C	A				R		FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	15	H	6	118	140.97			T		T		R							R						F	A				R		FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	16	H	2	80	143.9					T									F						C	A		R			T	FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	16	H	6	106	150.29														F						C	A						FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	17	H	2	80	153.4							R							R						C	A						FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	17	H	5	80	157.9							T							R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	18	H	2	80	162.9														F						C	A						FORAMINIFER-RICH NANNOFOSSIL OOZE				
175	1087	A	18	H	5	80	167.4							T							F						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	19	H	2	80	172.4					R		R							R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	19	H	5	80	176.9					R									R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	20	H	2	110	182.35					T									T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE				
175	1087	A	20	H	4	50	184.45														T						F	A						FORAMINIFER-BEAR				



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Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Sand	Silt	Clay	Opaque Minerals	Pyrite	Mn Oxides	Quartz	Feldspar	Mica	Chlorite	Phosphorite	Glaucinite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules	Sediment Name		
175	1087	A	25	H	2	122	230.03					R						R	R		R					R	A								NANNOFOSSIL OOZE
175	1087	A	25	H	3	90	231.05					T									R					F	A								FORAMINIFER-BEARING NANNOFOSSIL OOZE
175	1087	A	25	H	5	90	234.05					R									T					C	A								FORAMINIFER-RICH NANNOFOSSIL OOZE
175	1087	A	26	H	2	90	239.05					R									T					F	A								FORAMINIFER-BEARING NANNOFOSSIL OOZE
175	1087	A	26	H	4	90	242.05					T									T					R	A								NANNOFOSSIL OOZE
175	1087	A	27	H	2	90	248.55														T					R	A								NANNOFOSSIL OOZE
175	1087	A	27	H	6	90	254.55					R									T					C	A								FORAMINIFER-RICH NANNOFOSSIL OOZE

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Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Sand	Silt	Clay	Opaque Minerals	Pyrite	Mn Oxides	Quartz	Feldspar	Mica	Chlorite	Phosphorite	Glaucinite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules					
																																		Sediment Name			
175	1087	C	27	H	3	80	243.3					T						T			T						R	A						NANNOFOSSIL OOZE			
175	1087	C	27	H	6	80	247.8					T						T			T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	28	X	3	80	252.76					T									T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	28	X	6	80	257.26																				R	A						NANNOFOSSIL OOZE			
175	1087	C	28	X	2	42	250.69			C																	R	A						CLAY-RICH NANNOFOSSIL OOZE			
175	1087	C	29	X	2	80	257.48			C																	R	A						CLAY-RICH NANNOFOSSIL OOZE			
175	1087	C	29	X	5	80	261.98																				F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	30	X	2	80	263.78					T									R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	30	X	5	80	268.28														R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	31	X	2	80	273.5					T									R						R	A						NANNOFOSSIL OOZE			
175	1087	C	31	X	2	80	273.5														R						R	A						NANNOFOSSIL OOZE			
175	1087	C	32	X	2	80	283.1														R						R	A						NANNOFOSSIL OOZE			
175	1087	C	32	X	5	35	286.92											T			R						R	A						NANNOFOSSIL OOZE			
175	1087	C	33	X	2	80	292.7					T									F						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	33	X	5	80	297.2													T	R						R	A						NANNOFOSSIL OOZE			
175	1087	C	34	X	2	80	302.4							T				T			R						R	A				T		NANNOFOSSIL OOZE			
175	1087	C	34	X	5	80	306.9					T									T						R	A						NANNOFOSSIL OOZE			
175	1087	C	35	X	2	80	311.95					T		T				T									F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	35	X	5	80	316.45					T									R						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	36	X	2	80	321.6					T		T							T						R/F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	36	X	4	80	324.6					T		T							T						R/F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	37	X	2	80	331.2					T		T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	37	X	4	80	334.2					T		T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	38	X	2	80	340.9							T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	38	X	5	80	345.4							T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	39	X	2	80	350.5					T		T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	39	X	5	80	355					T		T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	40	X	2	80	360.1					T		T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	40	X	5	80	364.6					T		T							T						F/C	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	41	X	2	80	369.8					T		T							T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	41	X	5	80	374.3					T		T							T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	42	X	2	80	379.4					T		T							F						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	42	X	5	80	383.9					T									T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	43	X	2	80	389					T		T							T						R	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	43	X	5	80	393.5					T		T					T		T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	44	X	2	80	398.7							T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	44	X	5	80	403.2							T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	46	X	2	80	417.9							T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	46	X	5	80	422.4							T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	47	X	1	89	426.13				T																F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	47	X	4	103	430.85				R			T						T	T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	47	X	5	25	431.18							T							T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	47	X	5	25	431.18					T		T							T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	47	X	6	21	432.62					T		T						T	T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	48	X	1	50	435.25					T		T							T						R	A						NANNOFOSSIL OOZE			
175	1087	C	48	X	3	70	438.55													T	T						R	A						NANNOFOSSIL OOZE			
175	1087	C	48	X	5	100	442					T								T	T						R	A						NANNOFOSSIL OOZE			
175	1087	C	49	X	1	70	445.15					T			T												F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	49	X	4	40	449.2					T								T							F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	49	X	5	15	450.12					T															F	A						NANNOFOSSIL OOZE			
175	1087	C	50	X	1	12	453.98				F																R	A						NANNOFOSSIL OOZE			
175	1087	C	50	X	1	66	454.79					T															F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			
175	1087	C	50	X	3	80	458					T															C	A						FORAMINIFER-RICH NANNOFOSSIL OOZE			
175	1087	C	51	X	1	80	464.6							T													R	A						NANNOFOSSIL OOZE			
175	1087	C	51	X	3	120	468.2														C							A						NANNOFOSSIL OOZE			
175	1087	C	51	X	5	80	470.6					T									T						F	A						FORAMINIFER-BEARING NANNOFOSSIL OOZE			

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175	1087	C	53	X	1	56	483.54				T			T							T					R	A							NANNOFOSSIL OOZE	
175	1087	C	53	X	4	40	487.8							T												R	A							NANNOFOSSIL OOZE	
175	1087	C	53	X	5	60	489.6			C	T			R												T	C							NANNOFOSSIL CLAY	