

SITE 1084 SMEAR SLIDES

Sample								Grain Size			Mineral											Biogenic (D = dominant, A = abundant, C = common, F = frequent, R = rare, T = trace)																	
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	1084	A	1	H	1	80	1.2			A		T												C		T	D	T	T	T	T			DIATOM-BEARING CLAYEY NANNOFOSSIL OOZE					
175	1084	A	1	H	2	80	2.7																	C		F	D	T	T	T	T			FORAMINIFER-BEARING, DIATOM-RICH CLAYEY NANNOFOSSIL OOZE					
175	1084	A	2	H	2	80	5.7			A		R		T										C		F	A	T						FORAMINIFER-BEARING, DIATOM-RICH NANNOFOSSIL OOZE					
175	1084	A	2	H	4	80	8.7			A		R		T										C		F	A	T						FORAMINIFER-BEARING, DIATOM-RICH NANNOFOSSIL OOZE					
175	1084	A	2	H	6	80	11.7			A		R		T										C		F	A	T						FORAMINIFER-BEARING, DIATOM-RICH NANNOFOSSIL OOZE					
175	1084	A	3	H	2	50	14.75			A		R		T										T		F	A	R	T		T	T		FORAMINIFER-BEARING NANNOFOSSIL CLAY					
175	1084	A	3	H	4	50	17.75			A		R		T										R		F	C	R	T		T	T		FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY					
175	1084	A	3	H	6	50	20.75			A		R		T										F		R	C	R						NANNOFOSSIL- AND DIATOM-BEARING CLAY					
175	1084	A	4	H	1	50	22.75			A		R		T										F		R	C	R	T		T			DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1084	A	4	H	4	80	27.7			A		R		T										F		F	A	R						DIATOM-BEARING, FORAMINIFER-RICH NANNOFOSSIL CLAY					
175	1084	A	4	H	6	80	30.7			A		R		T										C		R	F	R						FORAMINIFER- AND NANNOFOSSIL-BEARING, DIATOM-RICH CLAY					
175	1084	A	5	H	1	100	33			A		F		T										C		T	T	A						ORGANIC-RICH CLAY					
175	1084	A	5	H	4	100	37.4			A		F		T												R	A	R	T					NANNOFOSSIL CLAY					
175	1084	A	5	H	6	80	40.1			A		F		T										C				A						ORGANIC-RICH CLAY					
175	1084	A	6	H	2	80	43.6			A		R		T										F		R	F	A						DIATOM- AND NANNOFOSSIL-BEARING CLAY					
175	1084	A	6	H	5	90	48.15			A		R		T										C				C						DIATOM- AND NANNOFOSSIL-RICH CLAY					
175	1084	A	7	H	1	70	51.55			A		R		T							R			F		R	C	R						DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1084	A	7	H	4	120	56.33			A		R		R							R			F		R	C	F		R				DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1084	A	7	H	7	80	60.18			F		T									R			C		F	C			T				FORAMINIFER- AND NANNOFOSSIL-RICH CLAY					
175	1084	A	8	H	2	40	62.1			A		R												R		F	C	T		R				FORAMINIFER-BEARING CLAYEY NANNOFOSSIL OOZE					
175	1084	A	8	H	5	90	67.25			C		T												C				A						DIATOM-RICH CLAYEY NANNOFOSSIL OOZE					
175	1084	A	8	H	7	60	69.8			C		T		T							F			F			R	A						DIATOM-BEARING CLAYEY NANNOFOSSIL OOZE					
175	1084	A	9	H	2	70	72.05			C		T														F	C			T				FORAMINIFER-BEARING CLAYEY NANNOFOSSIL OOZE					
175	1084	A	9	H	3	40	73.1			F		T												C		F	A					R		DIATOM-RICH NANNOFOSSIL OOZE					
175	1084	A	9	H	6	90	78.25			F														R		C	A		R					FORAMINIFER-RICH NANNOFOSSIL OOZE					
175	1084	A	10	H	2	108	82.12			F		T												C		R	A		C					DIATOM-RICH NANNOFOSSIL OOZE					
175	1084	A	10	H	5	90	86.35			F		T												F		R	A							DIATOM-BEARING NANNOFOSSIL OOZE					
175	1084	A	11	H	3	80	91.37			F		R												F		R	A						R	DIATOM-BEARING NANNOFOSSIL OOZE					
175	1084	A	11	H	6	80	95.87			F														C		F	A		R			R	R	DIATOM-RICH NANNOFOSSIL OOZE					
175	1084	A	12	H	2	80	99.46			A		R									R			R			C	C					R	R	NANNOFOSSIL CLAY				
175	1084	A	12	H	4	80	102.46			A											C			R			C	C						NANNOFOSSIL-RICH CLAY					
175	1084	A	12	H	7	80	106.96			A											C			R			C	C						NANNOFOSSIL-RICH CLAY					
175	1084	A	13	H	2	80	110.2			A		F												A			C	T		T	T	T		NANNOFOSSIL-RICH DIATOMACEOUS CLAY					
175	1084	A	13	H	5	80	114.7			A		F												A		A	T			T				NANNOFOSSIL DIATOMACEOUS CLAY					
175	1084	A	14	H	2	80	119.7			A		F												C			C							NANNOFOSSIL- AND DIATOM-RICH CLAY					
175	1084	A	14	H	4	80	122.7			A		F												C			A	T						DIATOM-RICH CLAYEY NANNOFOSSIL OOZE					
175	1084	A	14	H	6	71	125.59		F	A		F												A		F	F	T	T	T	T	T		NANNOFOSSIL-BEARING DIATOMACEOUS CLAY					
175	1084	A	14	H	6	80	125.73			A		C				T					F			A			F			T	T	T	T	NANNOFOSSIL-BEARING					
175	1084	A	14	H	6	144	126.69			T	A		C			T								A						T	T	T	T	DIATOM-RICH CLAY					
175	1084	A	15	H	3	80	130.7			T	A		F			T								F		F	A	T						DIATOM-AND FORAMINIFER BEARING NANNOFOSSIL CLAY					
175	1084	A	15	H	6	110	135.75			A		F												C		F	A	T		T	T	T		FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY					
175	1084	A	16	H	2	80	138.7			A		F												C				C	T					NANNOFOSSIL- AND DIATOM-RICH CLAY					
175	1084	A	16	H	4	86	141.79			A		F									T			C			A	T	T	T	T			DIATOM-RICH NANNOFOSSIL CLAY					
175	1084	A	17	H	1	80	146.7			A		F		T										C			A	T		T				DIATOM-RICH NANNOFOSSIL					
175	1084	A	17	H	2	80	148.2		T	C		T												D			D	T						CLAYEY DIATOMACEOUS NANNOFOSSIL OOZE					
175	1084	A	19	X	2	50	154.75			C-A		T		T										A		R-F	D	T	T		T	T		DIATOMACEOUS CLAYEY NANNOFOSSIL OOZE					
175	1084	A	19	X	4	50	157.75		T	A		T		T										A		R-F	A	T	T	T	T	T		DIATOMACEOUS CLAYEY NANNOFOSSIL OOZE					
175	1084	A	20	X	2	40	163.08		T	A		T		T	T					T				C-A		R	R	C	T		T	T		NANNOFOSSIL-BEARING DIATOM-RICH CLAY					
175	1084	A	20	X	4	40	164.98			A		T		T	T									A		R	C	T	T	T	T	T		NANNOFOSSIL-RICH DIATOMACEOUS CLAY					
175	1084	A	20	X	5	40	166.48		T	A		T		T	T									C-A		R	C	T	T	T	T	T		NANNOFOSSIL-BEARING DIATOM-RICH CLAY					
175	1084	A	20	X	6	40	167.76			A		T		T	T																								



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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	Glauconite	Dolomite	Carbonate	Bioclast	Phyoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules						
175	1084	A	25	X	4	40	215.5			A		T		R							T			R			R	C						CLAY				
175	1084	A	25	X	6	40	218.47			A		T		T							F			C			C	R						NANNOFOSSIL- AND DIATOM-RICH CLAY				
175	1084	A	26	X	1	40	220.7			A		R		T							F			F			C	R						DIATOM-BEARING, NANNOFOSSIL-RICH CLAY				
175	1084	A	26	X	2	40	222.2			A		R		T							F			F			C	R						DIATOM-BEARING, NANNOFOSSIL-RICH CLAY				
175	1084	A	27	X	2	40	230.72			F		T									R			F		F	A	C						DIATOM-BEARING, FORAMINIFER-NANNOFOSSIL OOZE				
175	1084	A	27	X	4	40	233.01			A		T									R			C		R	C	F			T	R		DIATOM- AND NANNOFOSSIL-RICH CLAY				
175	1084	A	27	X	4	120	234.21			F											R			C		R	A							DIATOM-RICH NANNOFOSSIL OOZE				
175	1084	A	27	X	5	40	234.51			F		T									R			C		R	A	F			R	R		DIATOM-RICH NANNOFOSSIL OOZE				
175	1084	A	28	X	1	7	239.41			A				R							R			C		C	C				R	R		DIATOM- AND NANNOFOSSIL-RICH CLAY				
175	1084	A	28	X	1	80	240.5			F		T		R							R			C		C	A	R			R			DIATOM-RICH NANNOFOSSIL-FORAMINIFER OOZE				
175	1084	A	28	X	4	70	244.85					R									R			C		C	A	C	T		R			DIATOM-RICH NANNOFOSSIL-FORAMINIFER OOZE				
175	1084	A	29	X	2	80	251.6			A		T		R	T									F				C						DIATOM-BEARING CLAY				
175	1084	A	29	X	4	40	254			A		R		T							R			F		C	F	C						NANNOFOSSIL-BEARING, DIATOM-RICH CLAY				
175	1084	A	30	X	1	160	260.9			A		R									R			F		R	F	C						NANNOFOSSIL- AND DIATOM-BEARING CLAY				
175	1084	A	30	X	2	60	260.9			A		R									R			F			C	C						DIATOM-BEARING, NANNOFOSSIL-RICH CLAY				
175	1084	A	30	X	3	60	262.4			A		R									R			F		R	C	R						DIATOM-BERING, NANNOFOSSIL-RICH CLAY				
175	1084	A	31	X	1	120	270			A		R		R									F		F	A	F			R				FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY				
175	1084	A	31	X	2	30	270.15			C		T									F			A		R	A							DIATOMACEOUS CLAYEY NANNOFOSSIL OOZE				
175	1084	A	32	X	1	60	278.7			C		R											F		C		A	R			R			DIATOM- AND CLAY-RICH NANNOFOSSIL OOZE				
175	1084	A	32	X	4	40	282.34			C		R											F		C		A	R			R			DIATOM- AND CLAY-RICH NANNOFOSSIL OOZE				
175	1084	A	33	X	2	70	289.95			A		R		R							R			C		R	C	F						DIATOM-RICH NANNOFOSSIL CLAY				
175	1084	A	33	X	5	70	294.32			A		R		R							R			C		R	C	F			R			DIATOM-RICH NANNOFOSSIL CLAY				
175	1084	A	34	X	1	40	297.6			A		R		R							R			C		R	C	F				T		DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY				
175	1084	A	34	X	3	75	300.93			A		R		T									F				C	F						DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY				
175	1084	A	34	X	5	105	304.18			A		R		R							R			F		C	F					T		DIATOM-BEARING NANNOFOSSIL CLAY				
175	1084	A	35	X	2	80	309.3			C		R		R							R			F		R	A				R	R		DIATOM-BEARING NANNOFOSSIL CLAY				
175	1084	A	35	X	4	100	312.51			C		F		T							R			A		R	A	R	R					CLAYEY FORAMINIFER-BEARING DIATOMACEOUS NANNOFOSSIL OOZE				
175	1084	A	36	X	2	40	318.4			A		F		R							R			F		R	A							DIATOM-BEARING NANNOFOSSIL CLAY				
175	1084	A	36	X	3	140	321.16			C		F		T							R			A		R	A	R						FORAMINIFER-BEARING CLAY-RICH DIATOMACEOUS NANNOFOSSIL OOZE				
175	1084	A	37	X	2	80	328.6			A		F											A						R			R		DIATOMACEOUS CLAY				
175	1084	A	37	X	4	60	331.3			A		F		F									A						R			R		DIATOMACEOUS CLAY				
175	1084	A	38	X	1	100	337.1			A		F		F									A									R		DIATOMACEOUS CLAY				
175	1084	A	38	X	3	80	339.8			A		F		F									A											NANNOFOSSIL DIATOMACEOUS CLAY				
175	1084	A	38	X	5	80	342.71			A		F		F									A						R		R			NANNOFOSSIL DIATOMACEOUS CLAY				
175	1084	A	39	X	2	90	348.05			A		F		T									A						T	T	T	T		DIATOMACEOUS CLAY				
175	1084	A	39	X	5	80	352.4			A													A				C	T	T	T	T			NANNOFOSSIL-RICH DIATOMACEOUS CLAY				
175	1084	A	40	X	1	80	356			A		T		T									A			T	C	T						NANNOFOSSIL-RICH DIATOMACEOUS CLAY				
175	1084	A	40	X	2	90	357.65			A		T											A			T	C							NANNOFOSSIL-RICH DIATOMACEOUS CLAY				
175	1084	A	40	X	5	70	361.85			A		T		T									C			F					T			NANNOFOSSIL-BEARING DIATOM-RICH CLAY				
175	1084	A	41	X	1	20	364.7			A													A				C							NANNOFOSSIL-RICH DIATOMACEOUS CLAY				
175	1084	A	41	X	2	90	367.25			A		R		T									A							T	T			DIATOMACEOUS CLAY				
175	1084	A	41	X	4	67	369.9			A				T												R	A		T	T				NANNOFOSSIL DIATOMACEOUS CLAY				
175	1084	A	41	X	6	50	372.65			A		T											A			R	A		T	T				NANNOFOSSIL DIATOMACEOUS CLAY				
175	1084	A	42	X	1	60	375			A													A			R	C		T					NANNOFOSSIL DIATOMACEOUS CLAY				
175	1084	A	42	X	3	120	378.9			A					R								A				F		R					NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1084	A	42	X	4	65	379.58			A		R		R									A			R	F							NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1084	A	42	X	5	120	381.9			A		F		R									A			T	C		T					NANNOFOSSIL-RICH DIATOMACEOUS CLAY				
175	1084	A	43	X	1	70	384.75			A														C		F	C		R					FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY				
175	1084	A	43	X	3	80	387.9			A													A							T				DIATOMACEOUS CLAY				
175	1084	A	43	X	4	113	389.89			A		T											A				T	T						DIATOMACEOUS CLAY				
175	1084	A	43	X	6	110	392.85			A		T																										

SITE 1084 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	Glaucanite	Dolomite	Carbonate	Bioclast	Phyloliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules						
175	1084	A	48	X	QC	0	439.27														A												CARBONATE NODULES					
175	1084	A	49	X	3	70	445.65			A		R									R			F			C						DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1084	A	49	X	5	70	448.65			A		R									T			C			C		R			F	DIATOM- AND NANNOFOSSIL-RICH CLAY					
175	1084	A	50	X	1	135	453.22			A		R									R			F		F	F	C	T			F	DIATOM- AND NANNOFOSSIL-BEARING CLAY					
175	1084	A	50	X	3	70	455.25			A		R									T			F		F	F	F	R		R	F	DIATOM- AND NANNOFOSSIL-BEARING CLAY					
175	1084	A	50	X	4	70	456.75			A		R									T			F		C					R		DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1084	A	50	X	6	40	458.09			C		T									R			C		A					R	R	DIATOM- AND CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	51	X	1	70	461.85			C		R									T			F		A							DIATOM-BEARING CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	51	X	2	90	463.65			C		R									R			C		A							DIATOM- AND CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	51	X	4	70	466.35			A		R									R			C		A							DIATOM- AND NANNOFOSSIL-RICH CLAY					
175	1084	A	51	X	4	100	466.8			A		R									R			F			R						DIATOM-BEARING CLAY					
175	1084	A	51	X	6	70	469.35			A		R									C			F									DIATOM-BEARING CARBONATE-RICH CLAY					
175	1084	A	52	X	1	80	471.2			R		T		T							F			A		A							DIATOM-RICH NANNOFOSSIL OOOZE					
175	1084	A	52	X	3	80	474.2			R											F			A		A							DIATOM-RICH NANNOFOSSIL OOOZE					
175	1084	A	52	X	5	80	477			R				T							C			A		A		T					DIATOM-RICH NANNOFOSSIL OOOZE					
175	1084	A	53	X	2	70	481.34			F				T							F			F		F	A						FORAMINIFER- AND DIATOM-BEARING, CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	53	X	4	40	483.89			C		R		R							R			F		R	C	F					DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1084	A	53	X	6	60	485.51			R		T									F			A		A							DIATOM-RICH NANNOFOSSIL OOOZE					
175	1084	A	54	X	2	140	492.36			A		R		F							R			F		F	C						DIATOM- AND NANNOFOSSIL-BEARING CLAY					
175	1084	A	54	X	3	70	492.81			A		T									R			F		A	C						DIATOM-BEARING NANNOFOSSIL CLAY					
175	1084	A	54	X	5	130	496.71			A											C			F		A	R						DIATOM-BEARING, NANNOFOSSIL-RICH CLAY					
175	1084	A	55	X	1	30	499.55			A				T										R		R	F						CLAY					
175	1084	A	55	X	3	90	503.45			A		F									T			R		A							NANNOFOSSIL CLAY					
175	1084	A	56	X	2	100	511.7			A		F									R			F		C	C						DIATOM-BERING NANNOFOSSIL-RICH CLAY					
175	1084	A	56	X	3	80	512.9			A		R									R			F		C	F						DIATOM-BERING NANNOFOSSIL-RICH CLAY					
175	1084	A	57	X	1	55	519.12			A		R		R							R						F						NANNOFOSSIL-RICH CLAY					
175	1084	A	57	X	3	80	522.5			A		R		R							T					R	D						NANNOFOSSIL CLAY					
175	1084	A	58	X	2	130	531.45			A		R		R							T			F		R	D						DIATOM-BEARING NANNOFOSSIL CLAY					
175	1084	A	58	X	4	30	532.95			A		T		R							F			T		R	D						NANNOFOSSIL CLAY					
175	1084	A	59	X	2	82	540.43			A		T		R							T					R	D					T	NANNOFOSSIL CLAY					
175	1084	A	59	X	4	40	542.8			A		T		R										T		R	D						NANNOFOSSIL CLAY					
175	1084	A	60	X	1	90	548.65			F		R									C					R	A	T					CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	60	X	3	50	551.05			F		T									C			T			A	R					CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	60	X	4	100	553.3			C		R												R		R	A	R					CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	60	X	4	125	553.67			C		R									C			F		A	F						DIATOM-BEARING CLAY-RICH NANNOFOSSIL OOOZE					
175	1084	A	60	X	5	50	554.05			R		T									F			R		A	T						NANNOFOSSIL OOOZE					
175	1084	A	61	X	2	50	559.25			C		R		T							T			R		F	A						CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	61	X	4	85	562.77			C		T									T			F/C		C/A		T		T	T		DIATOM-RICH CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	62	X	3	122	570.23			C/A		T		T							T			R		R/F	A						CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	62	X	4	55	570.73			C/A		R		T							T			F		R	A	T		T	T		DIATOM-BEARING CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	62	X	7	133	576.39			C/A		R		T	T						T			F		R	A	T		T	T		DIATOM-BEARING CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	63	X	1	115	577.93			A		R		T							T			F		R	A	T		T	T		DIATOM-BEARING CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	63	X	3	120	581			C		R		T							T			F		R	A	T		T	T		DIATOM-BEARING CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	63	X	5	85	583.48			C		R		T							T			R/F		R	A	T		T	T		CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	64	X	2	24	587.76			C		T												T		F	A	T					CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	64	X	3	75	590.02			C		R		T												R/F	A						CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	64	X	6	63	594.35			C		R		T												T	A						CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	65	X	1	60	596.4			C/A		R		T										T		T	A						CLAYEY NANNOFOSSIL OOOZE					
175	1084	A	65	X	3	55	599.33			A		R		T													C/A						NANNOFOSSIL CLAY					
175	1084	A	65	X	6	80	604.2			C		R		T													A						CLAY-RICH NANNOFOSSIL OOOZE					