

SITE 1077 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	Glauconite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules	Sediment Name					
175	1077	A	1	H	1	32	0.32			A		T		T	T									F			F			T	T	T		DIATOM-RICH CLAY				
175	1077	A	1	H	2	50	2			A		T		T	T				R					F			T			T	T	T	DIATOM-RICH CLAY					
175	1077	A	2	H	1	90	5.9			A		T		T					T					F			T						DIATOM-RICH CLAY					
175	1077	A	2	H	2	70	7.2			A		T		T					T					F			T						DIATOM-RICH CLAY					
175	1077	A	3	H	1	84	15.34			A		T							T					F			R			T	T	T	DIATOM-RICH CLAY					
175	1077	A	3	H	4	84	19.84			A		R							R					F						T	T		DIATOM-RICH CLAY					
175	1077	A	4	H	5	85	30.85			A		T		T					T					F			R				T		DIATOM-BEARING CLAY					
175	1077	A	4	H	7	50	33.5			A		R							T					T			T						NANNOFOSSIL-RICH CLAY					
175	1077	A	5	H	1	115	34.65			A		R							T					T			T						CLAY					
175	1077	A	5	H	3	68	37.18			A		R							R					F			R						DIATOM-BEARING CLAY					
175	1077	A	5	H	5	53	40.03			A		R							R					F		T	F						DIATOM- AND NANNOFOSSIL-RICH CLAY					
175	1077	A	6	H	2	32	44.82			A		F							F					F			F						DIATOM- AND NANNOFOSSIL-BEARING CLAY					
175	1077	A	6	H	5	86	49.86			A		R							F					F			C						DIATOM- AND NANNOFOSSIL-RICH CLAY					
175	1077	A	6	H	7	49	52.49			A		R							R					F			F				T		DIATOM- AND NANNOFOSSIL-BEARING CLAY					
175	1077	A	7	H	1	99	53.49			A		R							C					F			T				T	T	DIATOM-BEARING CLAY					
175	1077	A	7	H	4	43	57.47			A		T							R					F			T						DIATOM-BEARING CLAY					
175	1077	A	7	H	6	90	60.94			A		R							F					F			T				T		DIATOM-BEARING CLAY					
175	1077	A	8	H	3	90	65.9			A		T							R					F			C						DIATOM-BEARING NANNOFOSSIL-RICH CLAY					
175	1077	A	8	H	6	90	70.4			A		T							T					R			R						CLAY					
175	1077	A	9	H	3	90	75.4			A		F		R					F					F			T				T		DIATOM-RICH CLAY					
175	1077	A	9	H	6	90	79.9			A		F							F					F		T	R				R		DIATOM-RICH CLAY					
175	1077	A	10	H	4	70	85.8			A		R		R					F	T				T					R				CLAY					
175	1077	A	10	H	7	60	90			A		R		R					F					C			F				R		NANNOFOSSIL- AND DIATOM-RICH CLAY					
175	1077	A	11	H	4	30	95.1			A		T							T					R			R						DIATOM-BEARING CLAY					
175	1077	A	11	H	6	70	98.5			A		R							R					F			R						DIATOM-RICH CLAY					
175	1077	A	12	H	1	80	100.8			A		F		T					T					F			R					T	DIATOM-RICH CLAY					
175	1077	A	12	H	2	70	102.2			A		F		T					T					F			R					T	DIATOM-RICH CLAY					
175	1077	A	13	H	1	80	110.3			A		F		T					T					F			T					T	DIATOM-RICH CLAY					
175	1077	A	13	H	3	23	112.73			A		F		T					T					F			T					T	DIATOM-RICH CLAY					
175	1077	A	13	H	3	60	113.1			A		C		T										F			T					T	DIATOM-RICH CLAY					
175	1077	A	13	H	6	70	117.7			A		R		T					T					T			R					T	NANNOFOSSIL-BEARING CLAY					
175	1077	A	14	H	1	90	119.9			A		R		T					R					C			T					T	DIATOM-RICH CLAY					
175	1077	A	14	H	3	90	122.9			A		T							F					F			T		T			T	DIATOM-BEARING CLAY					
175	1077	A	14	H	4	90	124.3			A		A							F					A			T		T			T	DIATOMACEOUS CLAY					
175	1077	A	15	H	1	60	129.1			A		F							T					C			T					T	DIATOM-RICH CLAY					
175	1077	A	15	H	3	60	132.1			A		T							T					F			T					T	DIATOM-BEARING CLAY					
175	1077	A	15	H	5	60	135.1			A		C							F					F			T	T	T			T	DIATOM-RICH CLAY					
175	1077	A	15	H	7	20	137.7			A		C		T					T					C			T						DIATOM-RICH CLAY					
175	1077	A	16	H	2	70	140.2			A		F							T					C			T					T	DIATOM-RICH CLAY					
175	1077	A	16	H	4	70	143.2			A		T												C			T					T	DIATOM-RICH CLAY					
175	1077	A	16	H	6	20	145.7			A		T							T					C			T					T	DIATOM-RICH CLAY					
175	1077	A	17	H	1	50	148			A		T							T					A			T	T				T	T	DIATOMACEOUS CLAY				
175	1077	A	17	H	3	50	151			A		T												C			T	T				T	T	DIATOM-RICH CLAY				
175	1077	A	17	H	4	50	152.4			A		C												A			T	T				T	T	DIATOMACEOUS CLAY				
175	1077	A	17	H	5	50	153.7			A		T												A			T	T				T	T	DIATOMACEOUS CLAY				
175	1077	A	17	H	7	50	156.7			A		T												A										DIATOMACEOUS CLAY				
175	1077	A	18	H	2	50	159			A		F												A			T	T				T	T	DIATOMACEOUS CLAY				
175	1077	A	18	H	4	50	162			A		R												A			T	T				T	T	DIATOMACEOUS CLAY				
175	1077	A	18	H	5	50	163.5			A		R												A			T	T				T	T	DIATOMACEOUS CLAY				



SITE 1077 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	Glauconite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nanno-fossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules	Sediment Name	
175	1077	A	18	H	7	30	166.3			A		C												A			T	T				T		T
175	1077	A	19	H	2	90	168.9			A		R							T	T				A			T						DIATOMACEOUS CLAY	
175	1077	A	19	H	6	86	174.86			A		T							T	T				A			T						DIATOMACEOUS CLAY	
175	1077	A	20	H	1	111	177.11			A		R							R					A									DIATOMACEOUS CLAY	
175	1077	A	20	H	5	96	182.86			A		R							R	T				A					T		T		DIATOMACEOUS CLAY	
175	1077	A	21	H	2	102	188.02			A		R							R	R				A			T						DIATOM-RICH CLAY	
175	1077	A	21	H	5	103	192.53			A		T							T	R				A									DIATOM-RICH CLAY	
175	1077	A	21	H	6	103	194.03			A		T							T	R				A			T						DIATOM-BEARING CLAY	
175	1077	A	22	H	1	88	195.88			A		T							R	R				A								R		DIATOMACEOUS CLAY
175	1077	A	22	H	5	88	201.88			A		R							R	T	F			A					T				DIATOMACEOUS CLAY	
175	1077	A	22	H	6	93	203.43			A		R							R		R			A		T		T	T		R		DIATOMACEOUS CLAY	