

SITE 1075 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	Glaucanite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules	Sediment Name					
175	1075	A	3	H	1	75	11.75			A	B	C	B										T	A			R	T		F		R		F	DIATOMACEOUS CLAY			
175	1075	A	3	H	2	80	13.3			A	B	F				T							T	A			R	F		F		R	F	DIATOMACEOUS CLAY				
175	1075	A	3	H	3	66	14.66			A	B	C											T	A			R	F	R	F		R	F	DIATOMACEOUS CLAY				
175	1075	A	3	H	6	40	18.9			A	B	C												A			R	F	R	F		R	F	DIATOMACEOUS CLAY				
175	1075	A	3	H	7	40	20.4			A	B	C												A			R	F	F		R	F	DIATOMACEOUS CLAY					
175	1075	A	4	H	1	70	21.2			A	B	F		T									T	A			R	C	F	R		R		DIATOMACEOUS CLAY				
175	1075	A	4	H	3	70	24.2			A	B	F											T	A					F	F		R	F	DIATOMACEOUS CLAY				
175	1075	A	4	H	5	70	27.2			A	B	F				T							T	A				T	T	F		R	F	DIATOMACEOUS CLAY				
175	1075	A	5	H	1	65	30.65			A	B	F												A			F	C	F	R		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	5	H	3	71	33.71			A	B	F		T										A			F	C	F	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	5	H	5	67	36.67			A	B	F				T								A			F	C	F	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	5	H	7	20	39.2			A	B	C				T								A				R	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	1	20	39.7			A	B	F												A			F	F	C	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	2	60	41.6			A	B	F											T	A			F		C	T		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	3	60	43.1			A	B	C												A				R	F	F			R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	4	120	45.2			A	B	C		R										A			R	C	F	F		F	C	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	5	30	45.8			A	B	C		R										A				R		C		C		NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	6	78	47.78			A	B	C		R										A				A	F	C		F	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	6	H	7	60	49.1			A	B	C												A			C	A	F		F	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY					
175	1075	A	7	H	1	48	49.48			A	B	C											R	A			C	A	F	F		C	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	1	134	50.34			A	B													A			F	C		F				NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	2	100	51.5			A	B	C		R										A			F	A		F		C		NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	3	29	52.32			A	B													A			R	F	F		F	C	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	3	137	53.4			A	B	C		R										A				R		C		C	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	4	85	54.42			A	B	C												A				T		C		C	C	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	5	74	55.81			A	B													A				R						NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	6	43	57			A	B													A			F	C						NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	7	H	6	139	57.96			A	B	C												A				R		C		C	C	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	1	70	59.2			A	B	C		R										A			R	R	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	2	45	60.45			A	B	C												A			R	R	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	3	50	62.05			A	B	C												A			R	R	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	3	120	62.75			A	B	C											T	A			R	R	F		F	R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	4	50	63.55			A	B	C			R									A			R	R		F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	5	60	65.19			A	B	C		R										A			R	R		F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	6	45	66.58			A	B	C												A			R	F	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	6	130	67.43			A	B	C			R	T								A			R	R	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	8	H	7	50	68.18			A	B	C				T								A			F	C	R	F		R	F	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	9	H	1	80	68.8			A	B	C		T										A			F	C	R	R		R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	9	H	2	80	70.3			A	B	C		T										A			R	F		R		R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	9	H	3	45	71.45			A	B	C		T										A			F	C		F		R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	9	H	4	70	73.24			A	B	C		T										A			F	F		R		R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	9	H	5	70	74.78			A	B													A			F	C		R		R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	9	H	6	70	76.28			A	B													A			F	C		R		R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	10	H	1	60	78.1			A	B													A			R	C				R	R	NANNOFOSSIL-BEARING DIATOMACEOUS CLAY				
175	1075	A	10	H	2	60	79.57			A	B	C												A			R	C		R		R	R	DIATOMACEOUS CLAY				
175	1075	A	10	H	3	60	81.07			A	B	F		R										A			T	C	F		R	R	DIATOMACEOUS CLAY					
175	1075	A	10	H	4	60	82.37			A	B	F												A				F				R	R	DIATOMACEOUS CLAY				
175	1075	A	10	H	5	60	83.8			A	B	F		T										A				F		R		R	R	DIATOMACEOUS CLAY				
175	1075	A	10	H	6	60	85.35			A	B	F		F										A				T		F		R		DIATOMACEOUS CLAY				
175	1075	A	10	H	7	60	86.85			A	B	F		F										A				R		R		R		DIATOMACEOUS CLAY				
175	1075	A	11	H	1	63	87.63			A	B	F		R										A			R	C		T	R	R		DIATOMACEOUS CLAY				
175	1075	A	11	H	2	43	88.79			A	B	F		R										A			R	C		T		F		DIATOMACEOUS CLAY				



SITE 1075 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	Glaucanite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules	Sediment Name					
175	1075	A	11	H	3	99	90.67			A		F		R										A		T	R		T	R	F			DIATOMACEOUS CLAY				
175	1075	A	11	H	4	88	91.96			A		F		R										A		T	C		T		F		DIATOMACEOUS CLAY					
175	1075	A	11	H	5	66	93.16			A		F		R							T			A			T		T		R		DIATOMACEOUS CLAY					
175	1075	A	11	H	6	55	94.53			A		F		R										C			T	T	T		R		DIATOMACEOUS CLAY					
175	1075	A	11	H	7	54	95.92			A		F		R									T	C			T		T		R		DIATOMACEOUS CLAY					
175	1075	A	12	H	1	78	97.28			A		C		R										C			R	T	T		F		DIATOMACEOUS CLAY					
175	1075	A	12	H	3	65	100.15			A		T		R										C			R		T		R		DIATOMACEOUS CLAY					
175	1075	A	12	H	4	46	101.56			A		F		T	T									A		T	R				R		DIATOMACEOUS CLAY					
175	1075	A	12	H	5	70	103.36			A		C		R	T					T	T			A		T	T		T		R		DIATOMACEOUS CLAY					
175	1075	A	12	H	6	88	105.04			A		C		R										A		T	T	T			R		DIATOMACEOUS CLAY					
175	1075	A	12	H	6	118	105.34			A		F		R	T									C		T	T		T		R		DIATOMACEOUS CLAY					
175	1075	A	13	H	1	43	106.43			A		F		R										A					T	R		R	C	DIATOMACEOUS CLAY				
175	1075	A	13	H	2	69	108.19			A		C		R										A				T			R	C	DIATOMACEOUS CLAY					
175	1075	A	13	H	4	77	111.27			A		C		R										A			T				R	C	DIATOMACEOUS CLAY					
175	1075	A	13	H	5	90	112.9			A		C		R										A							R		DIATOMACEOUS CLAY					
175	1075	A	13	H	6	24	113.74			A		C		R										A				T			R		DIATOMACEOUS CLAY					
175	1075	A	13	H	7	74	115.74			A		C		T	T									A		T			R		R		DIATOMACEOUS CLAY					
175	1075	A	14	H	1	60	116.1			A		F		R										C			T		T		T		DIATOMACEOUS CLAY					
175	1075	A	14	H	5	80	122.3			A		C		T										A					T		T		DIATOMACEOUS CLAY					
175	1075	A	15	H	1	20	125.2			A		F		T	T									A			R		R	F	T	DIATOMACEOUS CLAY						
175	1075	A	15	H	2	60	125.98			A		F												A			F		R	C	T	DIATOMACEOUS CLAY						
175	1075	A	15	H	4	90	129.08			A		C		T	T									A			T	T	T		F		DIATOMACEOUS CLAY					
175	1075	A	15	H	5	40	129.93			A		F		T										A			T				R		DIATOMACEOUS CLAY					
175	1075	A	15	H	6	80	131.83			A		C		T	T									A			T		T		R	T	DIATOMACEOUS CLAY					
175	1075	A	15	H	7	70	133.23			A		C		T	T									A			R	T	R		R	T	DIATOMACEOUS CLAY					
175	1075	A	16	H	1	47	134.97			A		C		T										A			T	T			R	T	DIATOMACEOUS CLAY					
175	1075	A	16	H	2	110	137.1			A		C		T	T									A			T	T			R	T	DIATOMACEOUS CLAY					
175	1075	A	16	H	3	80	138.3			A		C		T										A			T	T	R		R		DIATOMACEOUS CLAY					
175	1075	A	16	H	4	80	139.8			A		C		T										A			T	T	R		R		DIATOMACEOUS CLAY					
175	1075	A	16	H	5	70	141.2			A		C		T										A			T		R		R		DIATOMACEOUS CLAY					
175	1075	A	17	H	1	70	144.7			A		C												A							R	R	DIATOMACEOUS CLAY					
175	1075	A	17	H	2	73	146.23			A		C												A							F	R	DIATOMACEOUS CLAY					
175	1075	A	17	H	3	70	147.7			A		C												A							F	R	DIATOMACEOUS CLAY					
175	1075	A	17	H	4	50	149			A		C												A							C	T	DIATOMACEOUS CLAY					
175	1075	A	17	H	5	50	150.5			A		C												A							T	T	DIATOMACEOUS CLAY					
175	1075	A	17	H	6	80	152.3			A		C												A					T		T		DIATOMACEOUS CLAY					
175	1075	A	17	H	7	40	153.4			A		C												A				R			T	T	DIATOMACEOUS CLAY					
175	1075	A	18	H	1	40	153.9			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	18	H	2	70	155.7			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	18	H	3	40	156.9			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	18	H	4	70	158.5			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	18	H	5	120	160.43			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	18	H	6	50	161.23			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	18	H	7	30	162.53			A		C												A							R		DIATOMACEOUS CLAY					
175	1075	A	19	H	2	44	164.94			A		C			T									A				T			R	T	DIATOMACEOUS CLAY					
175	1075	A	19	H	2	145	165.95			A		C												A				T	T		R		DIATOMACEOUS CLAY					
175	1075	A	19	H	3	146	167.46			A		C			T									A				T	T		R	T	DIATOMACEOUS CLAY					
175	1075	A	19	H	4	49	167.99			A		C											T	A				T	T		R		DIATOMACEOUS CLAY					
175	1075	A	19	H	5	138	170.38			A		C			T									A				T	T		R		DIATOMACEOUS CLAY					
175	1075	A	19	H	6	29	170.79			A		C			T									A				T	R		T		DIATOMACEOUS CLAY					
175	1075	A	19	H	7	80	172.8			A		C			T									A				T	R		T		DIATOMACEOUS CLAY					
175	1075	A	20	H	1	8	172.58			A		C			T	T								A			T		T		T	T	DIATOMACEOUS CLAY					

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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	Glaucanite	Dolomite	Carbonate	Bioclast	Phytoliths	Diatoms	Fecal pellets	Foraminifers	Nannofossils	Organic debris	Radiolarians	Siliceous spicules	Silicoflagellates	Sponge spicules	Sediment Name
175	1075	A	20	H	2	50	173.41			A		C				T								A				T	T		T		DIATOMACEOUS CLAY
175	1075	A	20	H	4	125	177.16			A		C			T									A				T	T		T	T	DIATOMACEOUS CLAY
175	1075	A	20	H	6	50	179.41			A		C			T									A					T		R	T	DIATOMACEOUS CLAY
175	1075	A	20	H	7	110	181.56			A		C			T									A				T	R		R		DIATOMACEOUS CLAY
175	1075	A	21	H	1	97	182.97			A		C		T	T									A				T	T		R	T	DIATOMACEOUS CLAY
175	1075	A	21	H	3	60	185.6			A		C			T									A				T	T		T	T	DIATOMACEOUS CLAY
175	1075	A	21	H	5	50	188.5			A		C			T									A				T	T		T	T	DIATOMACEOUS CLAY
175	1075	A	21	H	6	50	190			A		C			T									A				T	T		T	T	DIATOMACEOUS CLAY
175	1075	A	21	H	7	15	191.15			A		C			T									A				T	T		T	T	DIATOMACEOUS CLAY
175	1075	A	22	H	1	70	192.2			A					T									A				T	T		R		DIATOMACEOUS CLAY
175	1075	A	22	H	2	45	193.45			A		C												A				T	T		R	T	DIATOMACEOUS CLAY
175	1075	A	22	H	5	109	198.59			A		C		T	T									A				T	T		R	T	DIATOMACEOUS CLAY
175	1075	A	22	H	7	86	201.36			A		C			T									A				T	T		R	T	DIATOMACEOUS CLAY
175	1075	A	22	H	CC	15	201.55			A		C			T									A				T	R		R		DIATOMACEOUS CLAY