



Smear Slides					N=none; T=trace (<2%); R=rare (2-10%); C=common (10-25%); A=abundant (25-50%); D=dominant (>50%)																				Sediment or Rock Name																
Leg: 172	Site: 1062	Hole: A		Sili.Fraction					Composition																																
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite	Amphibole		Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified			
1	H	1	40	50	50	5	95	R				D									T				T	A	R	N	N	N	T									nannofossil clay mixed sediment	
1	H	1	130	15	85	1	99	T				D									T				T	C	R	T												clay with nannofossils	
2	H	1	95	15	85	9	91	R				D									T				T	C	T	N	N	N	T									clay with nannofossils	
2	H	5	20	30	70	10	90	R				D									T				T	A	T	N	N	N	T									nannofossil clay	
2	H	7	10	2	98	10	90	C				D									T				T	T	T	T											clay with silt		
3	H	3	20	25	75	5	95	T				D									T				A		T		T	T									nannofossil clay		
3	H	1	70	1	99	10	90	C			T	D									T				T				T	T									clay with silt		
3	H	7	50	15	85	5	95	R				D									T				C	T		T											clay with nannofossils		
4	H	4	80	15	85	5	95	R				D									T				R		N		T										clay		
4	H	1	70	9	91	5	95	T				D									T				T	R/C	T			T										clay	
4	H	7	65	9	91	5	95	T				D									T				R/C	T				T										clay	
5	H	1	76	5	95	5	95	T				D									T				R	N	T			T										clay	
5	H	3	85	50	50	5	95	T				A									T				D	T	N			T										nannofossil clay mixed sediment	
5	H	6	90	20	80	5	95	T				D									T				C/A	T	N	N	N	T										clay with nannofossils	
6	H	2	75	2	98	10	90	R			R	D									T				T	N	N	N	N	T										clay with silt	
6	H	6	60	60	40	2	98	T				D									T				D	T	T			T										nannofossil clay mixed sediment	
7	H	1	100			5	95	T				D									T	T			C/R	T														clay with nannofossils	
7	H	5	52			5	95	T				A									T	T			A	T														nannofossil clay mixed sediment	
7	H	6	110			15	85	R				A									R				A	R														nannofossil clay mixed sediment	
8	H	4	110					R				D									R				A																clayey nannofossil ooze



Leg: 172		Site: 1062		Hole: B		Sili.Fraction		N=none; T=trace (<2%); R=rare (2-10%); C=common (10-25%); A=abundant (25-50%); D=dominant (>50%)																				Sediment or Rock Name																				
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Hematite	Nannofossils	Foraminifers		Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified										
3	H	1	36			5	95	T				D								R			T				A	T	R	T													nannofossil clay (with biosilica?)					
3	H	2	74			20	80	C				D								T	T		T				R	T	R	T															clay with silt and biosilica			
5	H	1	45									C															N	N	R	R	R														clay with biosilica			
5	H	2	20									T								R	R						C	T	N																clay with nannofossil			
5	H	6	20									T/R															C																		clay with nannofossils			
5	H	7	20									R															C	T	T																clay with nannofossils			
6	H	1	140	<2	>98	20	80	C				D															N	N	T	T															clay			
6	H	4	20									T															A		T																	clayey nannofossil ooze		
7	H	2	50			5	95	T	T			D										T					A	T																	nannofossil clay			
7	H	5	96			2	98	T				R																																		nannofossil ooze		
8	H	5	113			60	40	A	T	T																	C	C																	silt with foraminifera and nannofossils			
9	H	1	40									C															A																			nannofossil clay mixed sediment		
9	H	4	40									C															R																			silty clay		
9	H	4	140																																											silty nannofossil clay		
10	H	1	80	2	98	2	98	T				D															T	T	N	N	N	N	N														clay	
10	H	4	68	50	50							T															D	T	N	N	N	N															nannofossil clay mixed with carbonaceous silt	
10	H	7	75	15	85	2	98	T				D															C	T	N	N	N	N															clay with nannofossils	
11	H	2	83	1	99	20	80	R		R	D																T/N	N	N	N	N	N																clay with silt
11	H	6	80	40	60	3	97	R				D															A	T	N	N	N	N																nannofossil clay
12	H	1	78	0	100	7	93	R	T			D															T	N	N	N	N	N																clay
12	H	5	83	25	75	2	98	T				D															A	T	N	N	N	N																nannofossil clay





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Leg: 172		Site: 1062		Hole: C		Sili.Fraction					Composition																													
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites/Aragonite	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite		Amphibole	Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified		
1	H	2	90						C			D							C								R													clay
3	H	1	100	25	75	5	95	R		R	D									T							A/C	T		T										nannofossil clay
3	H	2	120	20	80	20	80	T			D						T										C	T												clay with nannofossils
3	H	4	110	1	99	3	97	T			D						T			T					T	T	T												clay	
4	H	2	70	2	98	8	92	R/C		R	D															T/R	T	T	T	T										clay
4	H	6	134	40	60	1	99	T			D															A	T												nannofossil clay	
5	H	1	126	8	92	11	89	T			D																		T	T	T	T/R								clay with silt
5	H	2	121	25	75	1	99	T			D						T			T						A	T												nannofossil clay	
5	H	4	130	20	80	3	97	T		T	D						T			T							C	T											clay with nannofossils	
5	H	6	103	1	99	10	90	R		R	D																			T									clay with silt	
6	H	1	126	1	99	10	90	T		T	D																T		T											clay with silt
6	H	3	62	50	50	2	98	T		T	A									T							D	T	T										nannofossil-clay mixed sediment	
6	H	6	73	15	85	2	98	T			D									T							C												clay with nannofossils	
7	H	1	90	0	100	10	90	R		R	D									T																			clay with silt	
7	H	4	85			10	90	T			A																D	T												nannofossil-clay mixed sediment
7	H	6	67	2	98	5	95	R			D									T						T	R												clay	
8	H	1	55	1	99	7	93	R		R	D																													clay
8	H	4	87	60	40	1	99	T			A																D	T											nannofossil-clay mixed sediment	
9	H	3	60	15	85	5	95	R	T	T	D									T							C	R											clay with nannofossils	
9	H	3	138	25	75	40	60	T			A																C	C											carbonaceous silty clay with nannofossils and foraminifers	
9	H	4	40	3	97	15	85	C			C	D								T																			clay with silt	

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Leg: 172		Site: 1062		Hole: C		Sili.Fraction					Composition																												
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites/Aragonite	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite		Amphibole	Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified	
9	H	6	117	0	100		3	97	C		C	D								T	T				T														clay with silt
10	H	1	60				25	75	R			D					T		A	R			T			R	R									R			carbonate silty clay with nannofossils and foraminifers
10	H	2	46				15	85	R			D					T		C	R			T			A	R									T			nannofossil clay with silt
11	H	3	43						T			A							R							D													clay
11	H	5	70						C			D							R							C													clay with nannofossils
12	H	2	100				7	93	R			C							R	T			T			D	R												nannofossil ooze with clay
13	H	2	41	5	95		20	80	C			D							T							R	T												clay with silt
13	H	3	30						T			D							C/R							C/A													clay with nannofossils
13	H	5	113				30	70	C			D							R																				silty clay
14	H	3	144				5	95	R			D							R	T			T			A	R									T			nannofossil clay

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Leg: 172		Site: 1062		Hole: D		Sili.Fraction					Composition																												
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite		Amphibole	Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified	
3	H	6	110	3	97	5	95	T			T	D									T						T	N	N	N	N	N							clay
4	H	4	103	1	99	5	95	T			T	D														T	T												clay
4	H	7	95	5	95	5	95	T				D									T						R	T	T	N	N	T							clay
5	H	3	51	10	90	2	98	T				D									T					C	T				N							clay with nannofossils	
5	H	7	28	10	90	5	95	T				D									T					C	T				T							clay with nannofossils	
5	H	1	77	10	90	1	99	T				D							T	T						C	T		T									clay with nannofossils	
6	H	1	122	15	85	5	95	T			T	D									T	T				T	C	T										clay with nannofossils	
6	H	6	87	50	50	1	99	T				D									T						A/D	T	T	T		T							clay nannofossil mixed sediment
7	H	1	87	2	98	5	95	T			T	D									T						T	N	N	N	N	N							clay
7	H	4	74	5	95	12	88	T			T	D									T						R	N	N	N	N	N							clay with silt
7	H	6	104	50	50	1	99	T				D									T						D	N	N	N	N	N							nannofossil clay mixed sediment
8	H	1	68	0	100	3	97	T				D									T						N	N	N	N	N	N							clay
8	H	4	113	9	91	9	91	T			T	D									T						R/C	T	N	N	N	N							clay
9	H	4	91	1	99	15	85	C			R	D									T	T					T	N	N	N	N	N							clay with silt
9	H	2	72	50	50	5	95	T				T									T						D	T	N	N	N	N							nannofossil clay mixed sediment



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Leg: 172		Site: 1062		Hole: E			Sili.Fraction			Composition																														
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Aragonite	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Hematite	Nannofossils		Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified		
1	H	1	23	50	50		10	90	T			A					T									T	D	T											nannofossil clay mixed sediment	
1	H	1	85	10	90		10	90	R/C			D					T			T						T	C	T	T											clay with nannofossils
1	H	2	125	10	90		5	95	R		R	D								T									T										clay	
2	H	3	80	10	90		1	99	T		T	D								T							C		T	T									clay with nannofossils	
3	H	2	140				10	90	R			A					T		T				T			D	R			T								nannofossil clay mixed sediment		
5	H	4	5				5	95	T			R							C			T				D				T								nannofossil ooze with carbonate grains		
5	H	7	47				5	95	R			D					T		R	T			T		T	A									T		nannofossil clay			
7	H	2	60				10	90	T		T	A							R							D	R								R		nannofossil-clay mixed sediment			
8	H	1	60	5	95		5	95	T			D								T						R	T	N	N	N	N								clay	
8	H	4	90	0	100		10	90	R		R	D								T						N	T	N	N	N	N								clay	
8	H	3	35	55	45		2	98	T			A					T		T						D	T	N	N	N	N									nannofossil clay mixed sediment	
9	H	4	62	0	100		10	90	R		R	D														N	N	N	N	N	N								clay	
9	H	2	28	60	40		2	98	T			A													D	T	N	N	N	N						T		nannofossil clay mixed sediment		
9	H	7	19	2	98		15	85	R		R	D							T						T													clay with silt		
10	H	1	106	25	75		2	98	T		T	D														A	T	N	N	N	N									nannofossil clay
10	H	4	66	15	85		2	98	T			D								T					C	T	N	N	N	N									clay with nannofossils	
11	H	2	113	25	75		5	95	T			D								T					A	T	N	N	N	N						T		nannofossil clay		
11	H	5	77	20	80		5	95	T			D													A	T	N	N	N	N									nannofossil clay	
11	H	7	94	30	70		5	95	T			D								T					A	R	N	N	N	N									nannofossil clay	
12	H	1	70	15	85		2	98	T			D								T					C	R	N	N	N	N									clay with nannofossils	
16	H	1	80				10	90	R			D								T					C	T										T		clay with nannofossils		



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Leg: 172		Site: 1062		Hole: F		Sili.Fraction			Composition																																	
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Aragonite	Rock Fragments	Carbonate Grains	Rhombs (Dol.)	Opaque	Fe/MN Oxide	Pyrite	Amphibole		Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Discoasters	Organic matter	Other	Unidentified				
3	H		1	75	20	80	1	99	T			D															C	T	N	N	N	N							clay with nannofossils			
3	H		5	77	5	95	7	93	T			D															T	T	T											clay		
4	H		2	77	15	85	5	95	R		T	D				T				T							C	T	T											clay with nannofossils		
4	H		4	129	50	50	2	98	T			D															A	T	N	N	N	N									clay nannofossil mixed sediment	
5	H		2	68	5	95	7	93	T		T	D															T	N	N	N	N	N									clay	
5	H		4	41	50	50	1	99	T			D															D	T												nannofossil clay mixed sediment		
5	H		6	86	0	100	10	90	C			D								T	T						N	N	N	N	N	N									clay with silt	
6	H		2	53	50	50	1	99	T			A								T							D	T	N	N	N	N									nannofossil clay mixed sediment	
6	H		3	84	0	100	8	92	R			A								T							T	N	N	N	N	N									clay	
7	H		2	78	50	50	20	80	T			A															D	T	N	N	N	N									nannofossil clay mixed sediment	
7	H		6	23	25	75	30	70	T			D				T		A									A	T	N	N	N	N									nannofossil calcareous silty clay	
7	H		6	116	9	91	2	98	T			D				T				T							T	R/C	T	N	N	N	N									clay
8	H		2	99	15	85	10	90	T			D				T				T	T						C													clay with nannofossils		
8	H		5	129	50	50	8	92	T			A								T							D	T												nannofossil clay mixed sediment		
9	H		1	53	30	70	5	95	R			D															A	T	N	N	N	N									nannofossil clay	
9	H		4	64	50	50	5	95	T			A								T							D	T	N	N	N	N									nannofossil clay mixed sediment	
9	H		6	31	20	80	5	95	T			D															C	T	N	N	N	N									clay with nannofossils	

