



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: 1054	Hole: A		Composition																																															
Core	Type	Section	cm	Sand size	Silt size	Clay size	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Accessory minerals	Heavy Minerals	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Micrite	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Ferrous pellets	Organic matter	Plant debris	Calcispheres	Other	Unidentified												
1	H	1	40	50	50	R				A/D					T				C							R	R	C/R																clay mixed sediment with carbonate grains and diatoms							
1	H	5	30	40	60	C/R			A										C/R							R	T	T		T												T			clay mixed sediment with carbonate grains						
1	H	5	100	60	40	R			A										C							R	T	C		T																silty clay with diatoms					
1	H	5	130	70	30	R			C										A							T	R	R		R																	silty clay				
2	H	1	132	40	60	R			C										C							T	R	C		R																	silty clay with diatoms				
2	H	4	92	50	50	R			A										C							T	T	T	T	T																	silty clay				
2	H	5	17	80	20	T													D								T	T		T																		calcareous silt with clay			
2	H	5	95	60	40	T																				T	T		T	T																		silty clay			
2	H	5	100			R			D										T							T	C/R	R	T	R																		silty clay with foraminifera			
2	H	7	45	40	60	T			D										T							R	R	T	T	T													R				silty clay with nannofossils				
3	H	2	79	50	50	R	T	T	C/A														T	T		C/R	C	T	T	R																		clay mixed sediment with nannofossils, foraminifera and silt			
3	H	3	70	40	60	R			A										R/C							R	R	C		R																			clay mixed sed. with diatoms, silt and nannofossils		
3	H	4	87	50	50	R													D																															carbonate clayey silt	
3	H	4	100	40	60	R/C			D										C							T/R	C/R	T																					silty clay with foraminifera		
3	H	5	56	90	10	C			R																		T																							carbonaceous silty clay with quartz	
5	H	3	53	40	60	R			A/D																	R	C	C		R																			silty clay with diatoms and foraminifera		
7	H	1	10	30	70	R			T	D									C							T	T	T	T	T																				silty clay	
8	H	4	80	25	75	T			T	D					T				R							C	R	C	R	C																				clay mixed sediment with nannofossils, diatoms, spicules	
9	H	1	22	10	90	T			A										C																															carbonaceous silty clay	
9	H	1	88	25	75	R													C							R	T	C/R	T	T	R																			clay mixed sediment with silt, diatoms and nannofossils	
9	H	2	76	40	60				D										A										T																						carbonaceous silty clay

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9	H	4	78	35	65	R				D									R								C/R	R	R		R												clay with nannofossils and silt			
9	H	4	80.5	40	60	T				D									T								R	T	C/R	T	R/C													clay with diatoms and silt		
9	H	6	20	70	30	T				A									C								R	R	C		R													clay mixed sediments with diatoms		
9	H	6	30	30	70	R				D									R								T	R/C	R	T	R													clay		
10	H	4	20	40	60	R				D									C								T	T	T		T											T		carbonaceous silty clay		
10	H	4	28	20	80	R				A									R								A	T	C	T	R														clay nannofossil mixed sediment with diatoms	
10	H	5	24	15	85	R				A				T					R								C		C/A	R	R/C														clay with diatoms and nannofossils	
11	X	6	49	20	80	R				T	D				T				R/C				R				C	R	C	T	R														Clay with diatoms and nannofossils	
11	X	6	54	30	70	R				T	A								R				C				C	R	C/A		R														silty clay with diatoms and nannofossils	
12	H	4	83	20	80	R				D									R								C	C	T		T	R													clay with diatoms and nannofossils	
12	H	6	22	50	50	R	R	T	D										R								T	T	C		T	T													clay with diatoms and silt	
13	X	2	128			R		T	A										A								C	C	R		R														silty clay with nannofossils and foraminifera	
13	X	2	136	40	60	T				D									T								C	T	T		T															clay with nannofossils
13	X	3	58			R				D									T								C	R	R		R															clay with nannofossils
14	X	1	132	20	80	R				D									R								R	T	T		T															clay with silt
14	X	1	136	20	80	R				T	D								T								C	T	R		T															clay with nannofossils
14	X	6	104	30	70	R				D									R								C	R	R		T															clay with nannofossils
15	X	1	83			T				D									R								R	T	T		T															clay
16	X	6	10	30	70	R				T	D								C								T	R	R		T															clay with silt

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Leg: 172	Site: 1054	Hole: B		Composition																																													
Core	Type	Section	cm	Sand size	Silt size	Clay size	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Accessory minerals	Heavy Minerals	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Micrite	Opaque	Fe/MN Oxide	Pyrite		Amphibole	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Foloids/pellets	Organic matter	Plant debris	Calciospheres	Other	Unidentified									
1	H	1	40	30	70	C				D									C							R	T	T			T														silty clay				
1	H	1	90	25	75	C/R				A																A	T					R															nannofossil clay mixed sediment		
1	H	3	78	15	85	R				D									T							R/C		T		T	T																clay		
2	H	1	50	15	85	R				A									T							C	T/R	R/C	T		T																nannofossil clay		
3	H	4	7	5	95	R				C					T				T/R					T		A	R	R			T																nannofossil ooze with clay		
6	H	4	70	10	90	T				D									R							C	R	R			T																clay with silt and nannofossils		
7	H	4	78	5	95	T				D									T							R	T	T																			clay		
8	H	4	30	10	90	T				D									R							C	R	R	R	R	R																	clay with nannofossils	
8	H	4	130	5	95	T				D									T							A	R	R			R																	nannofossil clay	
10	H	1	80	10	90	T				D																C	R	R	R	R																		clay with nannofossils	
10	H	3	15	5	95	T				D																C	T	R			T																		clay with nannofossils
10	H	5	78	5	95	T				D																C	T	T			T																	clay with nannofossils	
10	H	7	60	10	90	T				D					T				R							C	T	T			T	T																clay with silt and nannofossils	
11	H	5	100	10	90	T				D									R							A	R	R	T		T																	nannofossil clay	
12	H	3	70	5	95	T				D									R							A	T				T																	nannofossil clay	

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Leg: 172		Site: 1054		Hole: C		Composition																																						
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1		1	100	15	85	R				D									R																								clay with silt and diatoms	
1		3	109	10	90	T				D									C/R																									clay with nannofossils
1		4	107	15	85	T				A									R																									nannofossil clay
1		5	31			T				D									R																									clay with silt (bad slide)
1		5	110	15	85	T				D									C																									clay with silt and diatoms
2		3	50	5	95	R				D									R																									clay
2		4	120	20	80	R				D									R																									clay with silt and nannofossils
2		6	20	30	70	R				D									C																									nannofossil silty clay
3		3	52	15	85	R				D									R																									nannofossil clay with silt and diatoms
3		4	120	30	70	R		R		D									R																									silty clay with nannofossils
3		7	20	15	85	R				D									T																								clay with silt and nannofossils	
10		2	76				C/R			A									D																									carbonaceous clayey silt
11		6	49	60	40	R				A									C							R	T	C																diatom clay mixed sediment with silt