

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: 1055 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	Forams/pellets	Organic matter	Plant debris	Calcspheres	Other	Unidentified			
1	H	5	5	15	85	R													T							T	T	R			T												clay with silt
1	H	5	119	40	60	C				A									T							C	T	T			T												clay with silt and nannofossils
1	H	6	111	50	50	C				A																C	R	T			T												silty clay with nannofossils



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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	Calcspheres	Other	Unidentified							
1	H	1	40	10	90	T				D																R	R	T		T														clay			
1	H	3	78	15	85	R				D									T							C/R	T																			clay with nannofossils and silt	
1	H	3	85			R													R							C																				nannofossil clay with silt	
3	H	2	100	50	50	A			T	A									C							R	C																			silty clay with foraminifera	
3	H	3	25	10	90	R			R	D									C							R	R	R	T		T															clay with silt	
3	H	5	25	15	85	R			T	D									R							C	T	T		T																clay with silt and nannofossils	
3	H	6	25	10	90	R				D									R							T	T																			clay with silt	
3	H	7	25	5	95	R			R	D									R							R	R																				clay with foraminifera
4	H	4	40	5	95	R			R	D									T							C	T	R		T																	clay with nannofossils
4	H	5	96	5	95	R			T	D									T							R	T																				clay
5	H	2	40	10	90	R			R	D									R							R	T	T		T																	clay with silt
5	H	4	30	10	90	R			R	D									R							C	T	T		T																	clay with silt and nannofossils
5	H	6	110	10	90	R			T	D									R							C	T																				clay with silt and nannofossils
6	H	2	70	7	93	T			T	D									R							C		R	T		T																clay with nannofossils
6	H	2	86	5	95	R			T	D									R							A	T	T		T																	nannofossil clay
6	H	4	90	5	95	T			T	D									T							A	T	T		T																	nannofossil clay
6	H	6	97	20	80	C			T	A									C							A	R	T		T																	nannofossil clay with silt
6	H	7	38	7	93	R			T	D									R							A	T	T		T																	nannofossil clay
7	H	1	30	7	93	R			T	D									R							A	T			T																	nannofossil clay

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Leg: 172 Site: 1055 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	Calcspheres	Other	Unidentified				
7	H	1	110	1	99	T				A									T							D	T															nannofossil clay mixed sediment		
7	H	5	60	40	60	A				A									C							C	R																	silty clay with nannofossils
7	H	6	100	5	95	T				D									R							A																		nannofossil clay
8	H	5	35	15	85	R				A									C							A																		nannofossil clay mixed sediment
9	H	4	10	5	95	R			T	D									R							A	T																	nannofossil clay
9	H	4	60	15	85	R				D									C				T			C	R																	clay with silt
10	H	2	114	7	93	R			T	A									R							A	T																	nannofossil clay mixed sediment
11	H	6	106	40	60	C				A/D									C							T	T	R																silty clay
12	H	7	35	40	60	C				A/D									C							R	T	T																silty clay
13	H	2	72.4	5	95	T			T	D									T							C	T	T																clay with nannofossils
13	H	2	72.7	7	93	R			T	D									T							C	T	T																clay with nannofossils
13	H	2	73.5	7	93	R			T	D									R							C	R	R																clay with nannofossils
13	H	2	74.0	5	95	T			T	D									T							C	T	T																clay with nannofossils
13	H	5	50	10	90	C/A	T			D									C							C	T	T																clay with silt and nannofossils
13	H	5	110	25	75	C				D									C							T		T																silty clay

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Leg: 172 Site: 1055 Hole: D					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	Micrite	Opaque	Fe/MN Oxide	Pyrite	Amphibole		Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Other	Unidentified			
2	H	6	130			2	50	48	A			A														C	A/C												clayey silt with foraminifera and nannofossils		
4	H	1	43				15	85	R		T	D							C							C	R/C	T												clay with silt and nannofossils	
9	H	1	20					10	90	R		T	D						C							A	R	R												nannofossil clay with silt	
10	H	3	62					7	93	T		T	D						R							A	T	T												nannofossil clay	
11	H	3	32	50	50		50	50	A			A														A	C													clay nanno mixed sediment with foraminifera	
11	H	6	100	1	99		15	85	C			D														T															clay with silt
12	H	7	62	5	95		5	95	R		T	D							T							R	T	T													clay
13	H	2	90	5	95		5	95	R		T	D										T				R	T	T													clay
13	H	4	90	10	90		7	93	R		R	D							R							C	T	R													clay
13	H	7	99	7	93		10	90	T		R	D							C							T	T	R													clay with carbonaceous silt

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Leg: 172 Site: 1055 Hole: E						Composition																																	
Core	Type	Section	cm	% Pelagic	% Siliclastic	% Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glaucinite	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	Peloids/pellets	Organic matter	Other	Unidentified	
1		1	50				3	97	T			D							R							A	T	T				T							nannofossil clay
1		4	46				15	85	R		R	D							R							C	T												clay with silt and nannofossils
1		5	146	10	90		15	85	R		R	D							R							R	T	R			T								clay with silt
2		3	91	5	95		10	90	R		R	D							R							R	T	R			T								clay with silt