Smear Slides

Leg: 172 Site: 1060 Hole: A

N=none; T=trace (<2%); R=rare (2-10%); C=common (10-25%); A=abundant (25-50%); D=dominant (>50%)

Core	Type	Section	cm	% Pelagic	% Siliclastic	Sili.Fraction % Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Composition Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Micrite	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Haematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Other	Unidentified	Sediment or Rock Name
1	H	1	**15**	20	80		20	80	R		R	A													T	D	T	T			T							nannofossil ooze with silt
1	H	1	**40**	50	50		10	90	T		T	D							T						T	A	T	T			T							nannofossil clay mixed sediment
1	H	2	**75**	15	85		15	85	R		R	D													T	R		T	T	T	T							clay with silt
1	H	6	**30**	60	40		10	90	T		T	D														T		T			T							clay
2	H	6	**100**	25	75		10	90	R			D							T							C												clay with nannofossils
3	H	1	**65**				5	95	C			D											R			R		C	R	T	C/A							siliceous clay (spicules and diatoms)
3	H	4	**108**						C			D							T							R	T	R	T	R/C	R							siliceous clay (spicules and diatoms)
4	H	2	**25**				20	80	T			C											R			D	R	R/C	T		C							nannofossil ooze
4	H	3	**50**				25	75	C			D											T			A	T	R/C	T	R	C							nannofossil clay with spicules and diatoms
5	H	1	**139**				10	90	R			D							R							R	T	T	T	T	T							clay
5	H	5	**133**				10	90	R			D							R							R	T	T	T	T	R							clay
6	H	6	**26**				15	85	R			D							R							R	T	R	R	T	R							clay with siliceous components
7	H	4	**70**				25	75	R		T	R											T			D	R	T			T							nannofossil ooze
8	H	6	**90**				15	85	C			D							T				T			C/A		C	R	T	R/C							clay with nannofossil and diatoms and spicules
9	H	7	**70**				30	70	C		T	D							T				T			A	R	C	R	R	C							nannofossil clay with diatoms and spicules
10	H	7	**66**				20	80	C		R	D							R							D	R	R	T	T	C							nannofossil clay with spicules
11	H	4	**92**	20	80		10	90	T			D														C		R	T	T	T							clay with nannofossils
11	H	6	**62**	70	30		20	80	T			A														D	R	N		T	T							clayey nannofossil ooze
12	H	1	**11**	70	30		10	90	T		T	A														D	R	N	N		T							clayey nannofossil ooze

Smear Slides

Leg: 172 Site: 1060 Hole: A

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Core	Type	Section	cm	% Pelagic	% Siliclastic	Sili.Fraction % Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Composition Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Micrite	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Haematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Other	Unidentified	Sediment or Rock Name
12	H	3	**70**	5	95		15	85	R		R	D													T	R/T	N	T			T							clay with silt
12	H	5	**70**	25	75		20	80	R			D													T	A	T	T			T							clay with nannofossils and silt
13	H	7	**50**	70	30		10	90	T		T	C									T					D	R				T							nannofossil ooze
14	H	2	**60**	25	75		15	85	R		R	D														A	T	T			T							nannofossil clay with silt
15	H	3	**34**	15	85		5	95	R		T	D													T	C	T	N			N							clay with nannofossils
16	H	3	**116**	50	50		10	90	T		T	A														A	T	N			T							clay-nannofossil mixed sediment
17	H	1	**60**	10	90		10	90	T		T	D														R	T	R			T							clay with nannofossils
17	H	5	**70**	10	90		15	85	R		T	D														C	T	N			T							clay with silt and nannofossils
18	H	1	**30**	50	50		10	90	R		T	A									T					A	T	R		T	R							clay-nannofossil mixed sediment
18	H	1	**30**	50	50		15	85	R			A														A	T	R			R							nannofossil clay mixed sediment with silt (and biosilica)
18	H	2	**55**	80	20		5	95	T			C														D	T	T			T							nannofossil ooze with clay
18	H	5	**30**	10	90				T		T	D													T	D												clay with silt

Smear Slides

Leg: 172 Site: 1060 Hole: B

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Core	Type	Section	cm	% Pelagic	% Siliclastic	Sili.Fraction % Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Composition Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Micrite	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Other	Unidentified	Sediment or Rock Name
7	H	1	**64**				10	90	R			D											T			C	T	T		T	R							clay with nannofossils
9	H	5	**68**				3	97	R			D			T								T			R		R	T	R	R/C							clay
10	H	7	**36**				7	93	T			A											T		T	A	T	T			T							nannofossil clay
11	H	3	**100**									D									T					C	T	T			T							clay with nannofossils
12	H	1	**40**	25	75		10	90	R			D									T					C	T	R		T	T							clay with nannofossils (and biosilica)
12	H	6	**60**	50	50		5	95	T		T	D													T	C	T				T							clay with nannofossils
14	H	1	**40**	20	80		10	90	R		T	D													T	C		R		T	R							clay with nannofossils
14	H	3	**70**	50	50		10	90	T		T	A														A	T				T							nannofossil clay mixed sediment

Smear Slides

Leg: 172 Site: 1060 Hole: C

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Core	Type	Section	cm	% Pelagic	% Siliclastic	Sili.Fraction % Siliclastic Sand	% Siliclastic Silt	% Siliclastic Clay	Composition Quartz	Feldspar	Mica	Clay	Chlorite	Volcanic Glass	Glauconite	Phosphate	Zeolites	Rock Fragments	Carbonate Grains	Micrite	Opaque	Fe/MN Oxide	Pyrite	Amphibole	Hematite	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Other	Unidentified	Sediment or Rock Name
1	H	1	**15**	80	20		5	95	T		T	A													T	D	R	T			R							clayey nannofossil ooze
1	H	2	**50**	15	85		10	90	T		T	D													T	C	T	R			T							clay with nannofossil (and biosilica)
2	H	2	**60**	20	80		10	90	T			D														C	T	T			T							clay with nannofossils
2	H	7	**40**	20	80		10	90	R		T	D													T	C	T	R/C			T							clay with nannofossils
3	H	3	**120**	30	70		20	80	T		T	D														A	T	R/C			R							nannofossil clay (with biosilica)
4	H	7	**30**	30	70		10	90	T			D														C	T	R		T	R							clay with nannofossils (and biosilica)
5	H	6	**102**	10	90		15	85	R			D														R/C	T				T							clay with silt
6	H	3	**90**	10	90		20	80	R		R	D														R	T	T			T							clay with silt
7	H	4	**80**	30	70		15	85	T		T	A														A	T	T	T		T							nannofossil clay
8	H	3	**70**	15	85		5	95	T			D														C		R			T							clay with nannofossils
9	H	3	**63**																																			clay with nannofossils
11	H	3	**70**	20	80		10	90	T			D							R		R					C	T	T										clay with nannofossils
12	H	6	**94**																																			clay with nannofossils