Sample number									Impor		Size				Composition																	Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olivine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	A	1	H	2	82	2.32		X				A	C			T																		A	T		C						Dark olive green diatomaceous ooze	
170	1039	A	1	H	2	92	2.42	MM		X	C	A	C	C	A	A	C			C	C		T	T						C		C	T	C	T	T	C		T					Dark olive green silty sand with nannofossils and diatoms	
170	1039	A	1	H	4	62	5.12		X				A	C	T		T												C						A	C	T	C							Dark olive green diatomaceous ooze	
170	1039	A	1	H	5	128	7.28	MM		X		C	A	A		A	A	T		C			T						C	C					C	T		C							Crystal-vitric ash with diatoms and framboids	
170	1039	A	2	H	1	14	9.14	NL	X				C	A	T		T			T	T		T							T					A	C	T	C		T					Dark olive green diatomaceous ooze with radiolarians	
170	1039	A	2	H	2	143	11.93	MP		X	A				C	C	T	T	A	C							T			A				A		T		T						Dark greenish-gray coarse sand with pyrite-filled foraminifers	foraminifers are filled with pyrite
170	1039	A	2	H	3	64	12.64	NL		X		C	A	T	T	C			A	T				T						T			T			T		T						Crystal-lithic ash	Rock fragments are tephra with feldspar microlites
170	1039	A	2	H	3	74	12.74	PV	X				C	A	C		T	T	C	T	T		T									T		A	T	T	C		T					Dark olive green diatomaceous ooze	
170	1039	A	2	H	5	14	15.14	NL		X		T	C	A	C	T	T		C	A	T									C					A	T		T						Diatomaceous lithic-vitric ash with framboids	
170	1039	A	2	H	7	52	18.52	NL	X				C	A	T		C						T	T						T		C	T	C	C	T	C							Olive green siliceous ooze with nannofossils	
170	1039	A	3	H	1	79	19.29	NL	X			T	C	A	C	T	T	T	C	A									T			T		A	C	C	C							Diatomaceous ooze with lithic-vitric ash	
170	1039	A	3	H	3	113	22.63	MP		X			A		C	T		T	T	A	T						T																	Vitric ash	
170	1039	A	3	H	3	117	22.67	MP		X		A			C			T	T	A	C						T		T	C					C										Crystal-vitric ash with diatoms and framboids	
170	1039	A	3	H	4	73	23.73	NL		X		C	A	C	T	T				A	T									T					T	T		T							Light gray vitric ash	
170	1039	A	3	H	5	89	25.39	NL	X			T	C	A	T	T			T	T			T	T						T		T		A	C	T	C		T					Dark olive green diatomaceous ooze with radiolarians	
170	1039	B	1	H	1	16	0.16	MP		X	A	A	C	T	C	C	T		A								T		T	C				T			T	T						Brownish gray silty sand	medium sand, turbidite
170	1039	B	1	H	1	17	0.17	PV		X		T	A	C	C				A	C	T		C							C					C	T		T		T					Lithic-vitric ash with framboids	below turbidite
170	1039	B	1	H	1	95	0.95	MP	X			C	C	C	C	C	C	T	T	T	?						C					C				T	T							Calcareous silt with nannofossils	
170	1039	B	2	H	2	23	3.73	PV	X				T	A	C		C		C				T							T					A	C	T	C							Diatomaceous ooze with radiolarians	
170	1039	B	2	H	4	116	7.66	NL		X		C	A	C	T	T	C		C											C					C	T	T								Diatomaceous ooze with ash	
170	1039	B	2	H	5	72	8.72	JM	X			C	A	C	C	T				C										C					A	T		C							Diatomaceous ooze with ash	
170	1039	B	3	H	1	35	11.85	NL	X		A		C		T		C			T	T	T	C						C	C	C	C	C	A	C		T	T	T					Diatomaceous ooze with foraminifers	
170	1039	B	3	H	2	84	13.84	JM	X			C	A	T	T						T		T							C					A	T	T								Diatomaceous ooze with pyrite framboids	
170	1039	B	3	H	6	22	19.00	NL	X			T	C		T					T	T									C		T		A	T	T								Diatomaceous ooze with pyrite framboids	
170	1039	B	3	H	6	100	19.78	JM	X				C		T					T	T									A				A	T		T							Pyritiferous diatomaceous ooze	

Sample number									Impor		Size				Composition																	Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olvine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	B	4	H	1	106	22.06	HT	X			T	A	C	T		C			C			T							C			T		A	C	T							Diatomaceous ooze with radiolarians	
170	1039	B	4	H	4	120	26.70	MM		X	C	C	A	A	T	C				A	C	C													T	T								Crystal-vitric ash	
170	1039	B	4	H	5	110	28.10	HT	X				A	A						T	T	T	T												A	C		T		T				Diatomaceous ooze with radiolarians	
170	1039	B	5	H	1	130	31.80	HT	X			T	A	A		T											T					T			A	C	T	T		C				Diatomaceous ooze with radiolarians	Note sample from disturbed interval
170	1039	B	5	H	3	133	34.83	HT		X		C	A			C		T		A	T								T	T					T									Crystal-vitric ash	
170	1039	B	5	H	5	75	37.25	HT	X				C	A						T	T		T												A	A		C		T				Siliceous ooze	
170	1039	B	5	H	6	138	39.38	HT		X		C	A	A						A	T																							Lithic-vitric ash	
170	1039	B	6	H	1	130	41.30	NL	X			T	C	A	T		T		T	C												C			A	A	C	C		T				Siliceous ooze	posssible pollen grain, sparse diatoms filled with pyrite framboids
170	1039	B	6	H	4	60	45.10	NL	X			T	C	A	T	T	T		C				T	T						T					A	C	T	C		T				Silty diatomaceous ooze with radiolarians	silt rock fragments are pumice with feldspar microcrystals, CC is 0.46 Ma, sparse pollen grains
170	1039	B	6	H	5	8	46.08	MP		X		A	A	C	C	C			A	C							T									C		T						Vitric-lithic ash	fine sand size
170	1039	B	7	H	1	127	50.77	PV	X				T	A	C		C		T	T	T		T	T								T			A	C	C	C		T				Diatomaceous ooze with siliceous microfossils	Major lithology
170	1039	B	7	H	2	124	52.24	MP		X		A	A		C	A			T	A									T			T												Vitric ash with pumice	
170	1039	B	7	H	5	136	56.86	PV	X				C	A	C		C		T	T	T			T			T					T			A	C	T		T					Diatomaceous ooze	
170	1039	B	7	H	7	36	58.86	PV		X		A	A		C	C			T	A		T														T								Crystal-vitric ash	
170	1039	B	7	H	CC	29	59.37	PV		X			A	C	C				A	A										C					C	T		T						Crystal-lithic ash	
170	1039	B	8	H	2	11	60.61	NL		X				C	A	C			C	A				T					T	T					T	T		T		T				Crystal-vitric ash	Brownish gray ash, rock fragments are glassy pumice
170	1039	B	8	H	2	90	61.40	N+J	X			T	A	A	C				C		T		T	T					T	T			T	A	C	T	C		T				Diatomaceous ooze with pumice	Major lithology rock frags. are pumice with feldspar & quartz crystals
170	1039	B	8	H	4	65	64.15	MP		X		A	A	C	C	A			T	A							T		T			T				T								Crystal-vitric ash	Brown ash, trace zircon
170	1039	B	8	H	5	42	65.42	MP		X			A	C	T	T				A																								Vitric ash	White ash
170	1039	B	8	H	5	90	65.90	NL		X			C	A	C	T	T							T						T		T			A	A	T	C						Light green silty siliceous ooze	Light green layers and burrow fills
170	1039	B	9	H	1	52	69.02	NLG		X			A	C	C	T				A	T									T														Vitric ash	
170	1039	B	9	H	1	92	69.42	NL	X			T	C	A	C	C	T		C	C	T						C		T	T		T	T	C	C	T	C						Silty siliceous ooze with carbonate	dark olive green; rock frag. are pumice
170	1039	B	9	H	3	26	71.79	MP		X		A	A		C	C			T	A	C															T								Crystal-vitric ash	zircon?
170	1039	B	9	H	6	126	77.29	NL	X				C	A	T	T	T		C	C	T		T				C		T	T		T	T	A	A	T	T		T				Silty siliceous ooze with carbonate	light olive green; r.f. are pumice
170	1039	B	9	H	7	44	77.97	MP		X		C	A		C	C			T	A									C	C														Crystal-vitric ash with framboids	

Sample number									Impor		Size				Composition																	Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olvine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Siliceoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	B	10	H	1	35	78.35	MM		X			A	C	C	T				A	T									C					C									Vitric ash	
170	1039	B	10	H	4	90	83.43	JM	x			C	A	C	T	T				T									C				T		A	C		C							Diatomaceous ooze with radiolarians	
170	1039	B	10	H	5	30	84.33	JM		X		A	A	C	C	T				A	T								T			T			T										Vitric ash	other=biotite
170	1039	B	11	H	1	40	87.90	OMS		X		A	C		C	T				A	T	T										T													Vitric ash	
170	1039	B	11	H	3	80	91.30	HT	X				C	A	T		A	T		C															C	C									Silty clay with diatoms and radiolarians	Biotite
170	1039	B	11	H	4	65	92.65	OMS	X		T		A	A	T		A		C	T													T		T	T		T							Silty clay with lithic fragments	
170	1039	B	12	X	1	37	97.37	MM	x					A	T	T	A		T	T	T		T							T					T	T		T							Clay	Pumice, clear and brown glass
170	1039	B	12	X	6	32	104.82	JM	X				A	A	C	T	A			C										C					C	T									Silty clay with diatoms	
170	1039	B	13	x	5	30	109.80	HT		X		A	A	C	T	T	T			A										C					T	T									Vitric ash with framboidal pyrite	
170	1039	B	13	X	6	80	111.80	MM	X			C	A	A	T	T	A		C	T			T												C	C									Silty clay	
170	1039	B	14	X	2	57	115.17	MM		X		C	A	A	T			T		C															C	C		T							Silty clay with siliceous fossils and volcanic glass	
170	1039	B	14	X	3	31	116.41	MM		X		C	A	A	T				A	T			T							C					C	T		T							Silty clay with framboidal pyrite	
170	1039	B	14	X	3	129	117.39	MM	X					A	T		A	T		T															C	C									Sillty clay with siliceous fossils	
170	1039	B	15	X	1	41	123.11	MM		X		A	C	C	C	T				A										T					T										Dark gray crystal-vitric ash layer	
170	1039	B	15	X	3	60	126.30	MM	X				C	A			A			T										T					T			T							Green silty clay	
170	1039	B	15	X	5	56	129.26	MM		X			C	A			A			C						T								T		T		T							Dark green silty clay with ash	
170	1039	B	15	X	5	73	129.43	MM	X			T	A	A			A	T		A																T		T							Olive green silty clay with ash	
170	1039	B	15	X	6	2	130.22	MM		X		A	C	C	C	T				A										T															Dark brown crystal-vitric ash	
170	1039	B	16	X	1	73	132.93	NL		X	C	C	C	T	T	T	T		A	A									T																Light grayish brown lithic-vitric ash	R.F. are pumice Unidentified sub-isotropic clay-size mass
170	1039	B	16	X	1	54	132.74	NL		X		C	C	A	C	T	A			A				T			T	T	T	T		A													Medium dark gray ash-rich silty clay	Black ashy zone above light grayish brown ash. Unidentified sub-isotropic clay-size masses poorly sorted, mostly ash
170	1039	B	16	X	1	72	132.92	NL		X		A	A	T	T	T			C	A	T		T	T			T		T				T						T						Light gray lithic-vitric ash	Rock fragments are tephra with opaque; plagioclase, glass
170	1039	B	16	X	2	60	134.30	NL	X			C	C	A	A	T	T		T	A				T			C	C					C	T		T									Light olive green calcareous silty clay w/ash	volcanic glass is sand-silt size. Alizarin Red-S reveals common crystalline calcite
170	1039	B	16	X	2	80	134.50	NL		X		C	C	A	T		A			A			T				C	A	T				T		T										Dark gray calcareous ash-rich clay	dark glass, coarser sizes are all glass and pumice
170	1039	B	16	X	4	72	137.42	NL	X				C	A	T	T	A			C			T						T				T		T	T	T		T				A	Dark olive green clay	Non-calcareous (Aliz. Red-S & HCl) "Unident." is sub-isotropic clay-size masses
170	1039	B	17	X	4	40	146.70	NL	X		T	T	T	A	T					C							C	A	T				A	T	T										Light green calcareous ooze with nannofossils	

Sample number									Impor		Size				Composition																	Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olivine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	B	17	X	6	28	149.58	NL	X				T	A	T		A			C							C	T					C		T	T		T						Medium olive green clay	
170	1039	B	17	X	6	66	149.96	NL		X			T	A	T		C			C							C	C					C											Dark gray calcareous clay	
170	1039	B	18	X	3	138	155.78	NL	X				T	A	T		T			C							C	A					A	T		T		T						Light green calcareous ooze with nannofossils	
170	1039	B	18	X	5	19	157.59	NL		X			C	A	T	T	C			C							T	A					C		C			T						Gray calcareous clay	
170	1039	B	18	X	6	37	159.27	NL	X				C	A	T	T	C			C							T	C					C		T			T					X	Light olive green calcareous clay	unidentified - subisotropic clay? + silica?
170	1039	B	19	X	1	97	162.07	NL	X			C	C	A	T	T	A			C							C	A	T				A	T	C	T		T						Green calcareous clay with nannofossils and ash	Coarser grains are ash
170	1039	B	19	X	3	19	164.29	NL	X			C	A	C	T					C							T	T					A	T	A	T		A						Dark gray siliceous ooze with diatoms, spicules and nannofossils.	Coarse grains are ash, spicules, diatoms
170	1039	B	19	X	5	68	167.78	NL	X			T	C	A													C	A					A	T	A	T	T	C						Light green calcareous ooze with nannofossils and diatoms	
170	1039	B	20	X	3	34	173.94	NL	X			C	C	A	T	T	T			A							C	C	T				C		A	T		C		T				Gray-brown calcareous ooze with ash and diatoms	Coarser grains are ash
170	1039	B	20	X	5	42	177.02	NL		X		C	C	C	T	T				C								T		T			T		A		T	A						Dark gray spicular diatomaceous ooze	
170	1039	B	20	X	7	42	180.02	NL	X			T	C	C	T	T				C	T						T	T					T		A			A						Light olive green siliceous ooze with diatoms and sponge spicules	
170	1039	B	21	X	1	78	180.98	NL	X			T	C	A	T	T	T			C							C	C	T				A	T	C		T	C						Light green calcareous ooze with nannofossils	
170	1039	B	21	X	2	21	181.91	NL		X		T	A	A					T	T							C	T	T				A		C			C						Dark gray nannofossil ooze with diatoms and spicules.	Black material in burrow; do not see any reason for color change.
170	1039	B	21	X	2	23	181.93	NL		X	T	T	A	A						T				C			C	C					A	T	C			A						Greenish yellow calcareous spicule ooze with nannofossils and diatoms	Greenish yellow in burrow; color probably due to phosphate
170	1039	B	21	X	6	36	188.06	NL	X				T	A														A	T				A	T	T			C						Light gray calcareous ooze with nannofossils	
170	1039	B	22	X	2	81	192.11	NL	X			T	A	A													C	A	T				A	T	C	T	T	C						Light gray nannofossil ooze with diatoms and spicules	
170	1039	B	23	X	1	17	199.67	JM		X		C	A	C	T	T		T		A	T								T															Dark gray vitric ash	
170	1039	B	23	X	2	110	202.10	JM	X			C	A	A													C	T					A		C	T		C						Light gray nannofossil ooze with diatoms	
170	1039	B	23	X	6	88	207.88	JM	X				A	A			T										T	T	T				C	T	A	T	T	C						Light green diatomaceous ooze with nannofossils	
170	1039	B	24	X	4	54	214.14	HT	x			T	C	A						T							T	T					A	T	C	T		C						Nannofossil ooze with diatoms	
170	1039	B	24	X	4	150	215.10	NL		X		T	C	A					T								C	C	T	T			A	C	A	C	T	C						Ooze with nannofossils and diatoms	large microfossils filled with cloudy brown matter (phosphate?) and pyrite framboids, dark color
170	1039	B	24	X	4	150	215.10	NL	X			T	C	A					T								C	C					A	C	C	T	T	C						Nannofossil ooze with diatoms	white clay, clots of material that did not break up seem to be microfossils coated with crystalline calcite (foraminifers and possibly some diatoms), 15-20% siliceous microfossils
170	1039	B	24	X	4	150	215.10	NL		X		T	C	Z					T								C	C		T			A	C	C	T	T	C						Nannofossil ooze with diatoms	yellow clay
170	1039	B	24	X	5	91	216.01	HT	X				C	A	T					T							T	C					A		C	C		T						Nannofossil ooze with diatoms	
170	1039	B	24	X	6	130	217.90	JM	x			T	C	A													T		T				A	T	C		T	C						Nannofossil ooze with diatoms	

Sample number									Impor		Size				Composition																		Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olivine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	B	25	X	3	85	222.55	JM	X			C	A	A									T				T	C					A		C	T	T	C						Nannofossil ooze with diatoms and spicules	
170	1039	B	25	X	4	83	224.03	OMS	X			T	C	A													C	C					A	C	C	C		T			T			Nannofossil ooze with diatoms	
170	1039	B	26	X	3	42	231.82	OMS	X			T	C	A	T												T	T	T				A	C	C	C		T						Nannofossil ooze with diatoms	
170	1039	B	26	X	5	66	235.06	HT		X		C	A	A													T			T			A	T	C	T	C	C						Siliceous nannofossil ooze	subequal amounts of nannofossils vs. diatoms + spicules + silicoflagellates + radiolarians
170	1039	B	27	X	2	80	240.30	MM	X			C	A	A													T	C	T				A	C	A	C	T	A						Siliceous nannofossil ooze	
170	1039	B	28	X	2	73	249.93	MM		X			C	A													T	C	T				A	C	A	C		T						Nannofossil ooze with diatoms	
170	1039	B	28	X	7	18	256.88	HT	X			C	C	A													T	C	T				A	T	C	C	T							Nannofossil ooze with diatoms and radiolarians	
170	1039	B	29	X	1	138	258.78	NL		X		T	C	A	T	T	T		C	A				T			T	C	T	T			A	T	C	T	T	T						Dark grayish brown vitric ash with nannofossils.	Rock fragments are pumice.
170	1039	B	29	X	3	42	260.82	NL		X		T	C	A	T				C	C				T			C	C	T	T			A	T	A		T	C						Greenish gray diatomaceous nannofossil ooze with ash	
170	1039	B	29	X	3	59	260.99	NL	X			T	C	A	T				T	T							T	C					A	C	A	T	T							Ivory white diatomaceous nannofossil ooze	
170	1039	B	29	X	4	118	263.08	NL		X		T	C	A	T					T							C	C		T			A	C	A	T	T	C		T				Greenish yellow calcareous ooze with diatoms	Also seen in burrow fills. Some pollen grains.
170	1039	B	29	X	cc	13	266.72	NL		X		T	C	A						T				T			C	C		T			A	C	A	T	T							Pale lavender calcareous diatomaceous ooze	Burrow with lavender fill, black reaction rim around outside.
170	1039	B	30	X	3	93	271.03	PV	X				T	A					T														A	T	C		T	C						Nannofossil ooze with diatoms, spicules	
170	1039	B	30	X	5	69	273.79	PV		X			T	A										T			C	T					A	T	A		T	C						Diatomaceous nannofossil ooze	
170	1039	B	30	X	CC	9	273.98	PV		X			T	A		T			T														A	T	A		T	C						Diatomaceous nannofossil ooze	
170	1039	B	31	X	1	65	277.35	NL	X			T	C	A					T	C							C	C	T	T			A	C	A	T	T	T						Ivory white diatomaceous nannofossil ooze with foraminifers and ash.	
170	1039	B	31	X	2	103	279.23	NL		X		T	C	A						T							C	C		T			C	C	A	T	T	C						Yellowish brown diatomaceous ooze with nannofossils and foraminifers.	
170	1039	B	31	X	3	25	279.95	NL		X		T	C	A						C				T			C	C		T			A	T	A			A		T				Green calcareous diatomaceous ooze	
170	1039	B	31	X	3	44	280.14	NL		X	T	C	A	T	C	C			C	A			T										C	C	T			T						Black crystal-vitric ash	ash is brown glass + euhedral to subhedral feldspar + quartz
170	1039	B	31	X	6	69	284.89	NL		X		T	C	A	T	T				C			T	T					T	T			A	C	A	T	T	T						Grayish green ooze with diatoms and nannofossils	
170	1039	B	32	X	2	36	288.26	NL	X			T	C	A						C							A	A					A	C	A			C						Ivory white calcareous ooze with diatoms	
170	1039	B	32	X	4	135	292.25	JRG		X		T	C	A	T					C								C		T			A		C	A	T	C						Dark gray siliceous nannofossil ooze	ash fragments are dark brown obsidian
170	1039	B	32	X	5	124	293.64	NL		X		T	C	A					T	C				T			C	C	T	T			A	C	C			T						Olive green calcareous ooze with diatoms	
170	1039	B	32	X	7	10	295.50	JM		X		T	A	A	C	T				C							T	A					A		C	T		C						Nannofossil ooze with vitric ash	both clear and brown volcanic glass
170	1039	B	33	X	1	61	296.61	O+M	X				A	A						C									T				A		C			T						Nannofossil ooze with crystal-vitric ash	

Sample number									Impor		Size				Composition																	Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olivine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	B	33	x	5	68	302.68	JM	X			T	A	A						T													A		C	C		C							Siliceous nannofossil ooze	
170	1039	B	33	X	6	33	303.83	MM		X		C	A	C	T	T				A	T									C					T	T									Vitric ash with framboids	clear glass, partially devitrifed pumice, altered feldspar
170	1039	B	34	X	4	100	311.10	OMS	X			T	A	T	T					T									T				A	C	C	T	T	C							Siliceous nannofossil ooze	
170	1039	B	34	x	4	134	311.44	HT		X		C	A	A	T			T		C							C						A	C	C	C	T	C		T					Siliceous nannofossil ooze	Volcanic glass is clear, brown. Mica = biotite
170	1039	B	35	X	3	110	319.30	HT	X			T	A	A	T			T		T													A	C	C	C	T	T							Siliceous nannofossil ooze	
170	1039	B	35	X	6	27	322.97	JM		X		A	A		C	C		C		A									C				C												Crystal-vitric ash with nannofossils	
170	1039	B	36	X	1	44	325.24	HT		X		C	A	A	T	T				C													A		C	C		C							Siliceous nannofossil ooze with vitric ash	Altered radiolarians; brown glass
170	1039	B	36	X	3	60	328.40	HT	X			C	A	A						T							T		T				A	C	C	C		T							Siliceous nannofossil ooze	Brown and clear glass
170	1039	B	36	X	5	63	331.43	HT		X		C	A	A		C				A													A		C	C									Crystal-vitric ash with nannofossil ooze	mixed sediment of glass and nannofossils
170	1039	B	37	X	1	10	334.50	MM		X		T	A	A						T							T	T					C		A	C	T	C							Siliceous ooze with nannofossils	
170	1039	B	37	X	3	67	338.07	MM	X			T	A	A																		T	A	C	C	C	T	T							Siliceous nannofossil ooze	Ostracode
170	1039	B	37	X	4	38	339.28	HT		X		C	A	A																A			A		C	C		C							Siliceous nannofossil ooze with disseminated pyrite	abundant diatoms, pyritized radiolarians
170	1039	B	38	X	6	58	352.08	OMS	X		T	C	A	A	T	T				T							T			T			A		C	C		C							Nannofossil ooze	
170	1039	B	38	X	6	80	352.30	MM		X		T	A	A	T	T		T		C										C			C	T	A	C		T							Diatomaceous ooze with nannofossils, radiolarians and framboidal pyrite	
170	1039	B	38	X	6	92	352.42	OMS		X		C	A	A						T													A		A	C		C							Siliceous nannofossil ooze	subequal amounts of calcareous and siliceous microfossils
170	1039	B	39	X	1	40	354.00	MM		X			A	C						A													C	T	T	T		T							Vitric ash with nannofossils	
170	1039	B	39	X	2	21	355.31	HT	X			T	A	A						T+							C						A	C	C	C	T	T							Siliceous calcareous ooze	
170	1039	B	39	X	3	83	357.43	HT		X			A	C	T	T				A							T						C		T			C							Vitric ash	Volcanic glass is clear, minor brown.
170	1039	B	39	X	4	82	358.92	MM	X				A	A						T													A		A	C		C							Nannofossil ooze with diatoms	
170	1039	B	39	X	6	100	362.10	MM		X			A	A						T													A	C	A	C		C							Nannofossil ooze with diatoms	
170	1039	B	40	X	1	47	363.67	NL	X			T	C	A	T	T	T			T							T	T	T				A	T	A		T	C							Ivory white nannofossil ooze with diatoms	
170	1039	B	40	X	1	131	364.51	NL		X		T	C	A						C			T	T			C	C					A		A			C		T	T				Gray to ivory nannofossil ooze with diatoms	Flattened white clast in gray pebbly mud
170	1039	B	40	X	1	140	364.60	NL	X			T	C	A					T	C			T	T			C	C	T				C		A		T	C							Medium gray diatomaceous ooze with nannofossils	Matrix of gray pebbly mud
170	1039	B	40	X	2	31	365.01	NL	X			T	C	A		T				C							C	C	T				A		A	T	T	C							Gray diatomaceous ooze with nannofossils	Matrix of granule gravel
170	1039	B	40	X	2	46	365.16	NL		X		T	C	A					T	C			T				C	C		T			A	T	A			C							Dark green calcareous diatomaceous ooze	Clast in gravel

Sample number									Impor		Size				Composition																			Fossils											Sediment or Rock Name	Comments
Leg	Site	H	Core	T	Sec	cm	mbsf	Described by	Major lithology	Minor lithology	Med.-coarse sand	Fine sand	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Rock Fragments	Volcanic Glass	amphibole	olivine	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	radiolariansns	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified		
170	1039	B	40	X	4	23	367.93	NL		X		C	C	T	T	T			C	A							C	C					A	T	A	T		T		T				Reddish brown vitric ash with nannofossils and diatoms	Rock fragments are pumice
170	1039	B	40	X	4	125	368.95	NL		X		T	C	A						C							C	C					A	T	A			C		T				Light brown nannofossil ooze with diatoms	
170	1039	B	40	X	6	27	370.97	NL		X		T	C	A	T	T	T			C							C	C					C	T	A			C						Dark green calcareous diatomaceous ooze	
170	1039	B	40	X	7	14	372.34	NL		X		C	A	T	T	T			C	A				T			T						T		T			T						Black lithic-vitric ash	Volcanic glass is brown
170	1039	B	41	X	2	90	375.20	JRG		X			C	A		T			C														T		A			T						Dark gray diatomaceous ooze with lithic ash	
170	1039	B	41	X	2	109	375.39	NL	X				A	C					A	C							C						C		C			C						Light brown ooze with vitric-lithic ash	Rock fragments are tephra. Pollen grains.
170	1039	B	41	X	2	120	375.50	NL	X			C	A	T		T			A	T															T			T						Light brown lithic ash	Rock fragments are tephra. Glass is brown.
170	1039	B	41	X	3	140	377.20	NL		X		C	A	T		T			A	T							T						T		T			T						Medium gray lithic ash	Rock fragments are tephra.
170	1039	B	41	X	4	24	377.54	JRG		X		C	A	T																			A												Dark gray nannofossil ooze	
170	1039	C	1	R	1	3	363.13	PV		X			A	C					T	T							T	C					A	T	C	T								Nannofossil ooze with diatoms	
170	1039	C	1	R	1	32	363.42	PV		X			A	T	C	T				A															T	T								Vitric Ash	
170	1039	C	1	R	1	47	363.57	NL		X		T	A	C		C				A													T	T	T			T						Black scoriaceous obsidian	Black clast contaminated with ooze
170	1039	C	1	R	2	65	365.12	PV		X			A	C	T				C	T			T				T	C					A	T	C	T	T	C						Siliceous nannofossil ooze with lithic fragments	
170	1039	C	1	R	2	90	365.37	OMS		X		A								A															T			C						Ash w/ sponge spicules and diatoms	
170	1039	C	1	R	2	119	365.66		X				C	A	T				T	T							T	C					A	T	C	T	T							Nannofossil ooze with diatoms	
170	1039	C	1	R	3	69	366.66	OMS	X				C	A													C	A					A	T	C			A						Diatomaceous nannofossil ooze	
170	1039	C	2	R	1	4	372.74	PV		X			A	C	T				A								T	C					A	T	C	T	T							Nannofossil ooze with diatoms and ash	
170	1039	C	2	R	1	13	372.83	PV		X			C	A	T				A								C	C					A	T	C		T	T						Nannofossil ooze with ash	
170	1039	C	2	R	2	26	373.96	PV		X			C	A	T	T	C		C	C							T	T		T				C	A	T	T			T		T		Diatomaceous ooze with ash	
170	1039	C	3	R	1	60	382.90	PV		X					C		T		C	A							T	C	T				C	C	C				T			T	T	Vitric ash with siliceous and calcareous microfossils	
170	1039	C	3	R	2	122	384.85	PV	X				C	A	T				C	T				T			C	A					A	T	C									Nannofossil ooze with diatoms	
170	1039	C	4	R	1	19	392.09	HT		X		T	C	A						C							T	C	T	T			C	T	A			T						Calcareous diatom ooze with nannofossils and ash	
170	1039	C	4	R	1	49	392.39	HT		X		T	C	A						C							C	A	T	T			A	T	C			T						Light brown calcareous ooze with nannofossils, diatoms and ash	Glass=clear, brown, green. This is the thick, laminated, light brown unit.
170	1039	C	5	R	1	35	401.85	OMS		X	T		C	A													C	A					A		C			A						Diatomaceous nannofossil ooze	
170	1039	C	5	R	1	80	402.30	OMS	X				C	A						A													A		C			A						Diatomaceous nannofossil ooze wash	

| Sample number | | | | | | | | | Impor | | Size | | | | Composition | | | | | | | | |