Note: 0=none; 1=trace (<2%); 2=rare (2-10%); 3=common (10-25%); 4=abundant (25-50%); 5=dominant (>50%)

| Sample | | | | | | | | Lith. | | Texture | | | Composition | | | | | | | |

Sample								Lith.		Texture			Composition																																						
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	Dominant	Minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Plagioclase	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic fragments	Volcanic Glass	Accessory minerals	Glauconite	Phosphate	Zeolites	Dolomite	Calcite	Carbonate Grains	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	Heavy Minerals	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Plant debris	Calcispheres	other	unidentified	Sediment or Rock Name
171	1051	A	21	X	3	9 2	190.92	x		5	90	5	1				1						1							1									4	2	1	1		3									siliceous nannofossil chalk
171	1051	A	21	X	5	119	194.19	x		5	90	5	1				1						1							1									4	1	1	2		4									siliceous nannofossil chalk
171	1051	A	22	X	1	120	197.80	x		10	80	10	1				2						1							3									4	1		1		3									siliceous nannofossil chalk with carbonate grains
171	1051	A	23	X	1	48	206.68	x		20	70	10																		2									4	2		2		3									siliceous nannofossil chalk
171	1051	A	23	X	1	134	207.54		x	10	85	5	1				1															1	1						4	1	1	1		4									siliceous nannofossil chalk
171	1051	A	24	X	1	101	216.81	x		5	85	10					2																						4	1	1	1		3									nannofossil chalk w/spicules
171	1051	A	24	X	6	110	224.40		x	5	85	10	1				2																						4	1	1	2		3									nannofossil chalk w/spicules
171	1051	A	25	X	1	91	226.30	x		10	80	10					2													2									4	2	1	1		3									siliceous nannofossil chalk
171	1051	A	26	X	2	73	237.23	x		5	85	10	1				1																						4	1		1		3									siliceous nannofossil chalk
171	1051	A	26	X	3	62	238.62		x	5	85	10	1	2	1	1	2						4							1			1		4				3	1	1	1		3									ash layer w/pyrite
171	1051	A	27	X	1	85	245.45	x		20	40	40					4													5									3	2		3		3									clayey chalk w/ nannos, rads, & spicules
171	1051	A	27	X	4	56	249.66		x	40	40	20					3						1							4									5	2	2	3											nannofossil chalk w/rads & clay
171	1051	A	28	X	1	22	254.42		x	10	80	10					3																						4	1	2	2		3									siliceous nannofossil chalk w/clay
171	1051	A	28	X	1	96	255.16	x		5	85	10					2															1							4	1	1	2		2									nannofossil chalk w/siliceous microfossils
171	1051	A	29	X	2	132	266.62		x	5	85	10	1				2		1				1		1					3									4	1	1	1		2									nannofossil chalk w/siliceous microfossils and carbonate grains
171	1051	A	29	X	6	117	272.47		x	5	85	10											1							2									3	1	1	1		2									siliceous nannofossil chalk
171	1051	A	30	X	1	31	273.70		x	2	90	8					2						1							1									4	1		2		3									siliceous nannofossil chalk
171	1051	A	30	X	3	93	277.33		x	20	79	1					1		1				4									1					2		4	2	2	2		2									siliceous nannofossil chalk w/vitric ash
171	1051	A	31	X	2	61	285.11	x		10	82	8	1				2						1							2									5	2	1	2		3									siliceous nannofossil chalk
171	1051	A	32	X	2	30	294.40		x	5	85	10	1				1								1					2									5	2	1	2		3							1		nannofossil chalk w/siliceous microfossils
171	1051	A	32	X	3	132	296.92	x		0	90	10																		2									5	1	1	1		2									nannofossil chalk w/ siliceous microfossils
171	1051	A	32	X	5	143	300.03		x	30	65	5	1						2				5																1														vitric ash
171	1051	A	33	X	1	92	303.12	x		0	95	5					1						1							2		1							5	2		1		2							1		nannofossil chalk w/siliceous microfossils
171	1051	A	33	X	1	134	303.54		x	5	80	15					2						3							3		2			2				3	1		1		2									vitric ash in slurry
171	1051	A	33	X	4	40	307.10	x		2	93	5																											5	2	1	2		3							1		nannofossil chalk w/siliceous microfossils
171	1051	A	34	X	1	29	312.09		x	0	95	5	1						1				1		1														5		2	2		3									siliceous nannofossil chalk
171	1051	A	34	X	3	28	315.08			5	90	5	1										1		1					1									5		2	3		3							1		siliceous nannofossil chalk
171	1051	A	34	X	5	119	318.99		x	15	80	5	2						1				5																3		1	1		1							1		vitric ash w/ nannofossils
171	1051	A	34	X	4	69	316.99	x		10	85	5	1										1							2									5		2	1		2							1		nannofossil chalk w/siliceous microfossils
171	1051	A	34	X	7	10	320.90		x	25	70	5	1										5							3		1							2			1		1									vitric ash with carbonate grains
171	1051	A	35	X	1	61	322.11	x		5	85	10					3						1		1					4									3	2		2		3									nannofossil chalk with siliceous microfossils & clay
171	1051	A	35	X	4	109	327.09		x	5	90	5							1				1		1					2		1							5	1	2	3		3							1		siliceous nannofossil chalk
171	1051	A	36	X	3	59	334.66	x		15	85	0					1						1			1											2	5	3	1			3							2		siliceous nannofossil chalk with foraminifers
171	1051	A	37	X	2	56	342.76		x	10	80	10											1																5	1	2			3							1		siliceous nannofossil chalk
171	1051	A	37	X	4	131	346.51		x	5	80	15	1																										4	2	2	3		3							1		siliceous nannofossil chalk
171	1051	A	37	X	4	133	346.53	x		5	80	15																											4	2	3	2		3									siliceous nannofossil chalk (diatoms)
171	1051	A	38	X	4	80	355.70	x		15	70	15													1														5	2	1	2		3							1		nannofossil chalk w/siliceous microfossils
171	1051	A	39	X	4	98	365.58	x		10	75	15	1				3													2		1	1						5	2	1	1		3									nannofossil chalk w/siliceous microfossils&clay
171	1051	A	40	X	3	28	372.98	x		15	75	10	1				2													3									4	1	1	3		3									siliceous nannofossil chalk w/ carbonate grains
171	1051	A	40	X	4	99	375.18		x	20	70	10	1				2													3			1						4	2	1	4		3									siliceous nannofossil chalk w/ carbonate grains
171	1051	A	40	X	5	25	375.95	x		15	75	10	1				2													3			1						3	1	1	4		3									Siliceous chalk w/ nannofossils & carbonate grains
171	1051	A	41	X	1	20	379.50	x		10	85	5	1				1										2			4									3	1	1			2									Limestone w/ nannofossils
171	1051	A	41	X	1	75	380.05		x	5	80	10	1				1								1		3			3					1		1		3	1		1											Limestone w/zeolite
171	1051	A	41	X	1	77	380.07		x	2	28	70	5				5										1			2			3						2	1													clay w/Fe-oxide
171	1051	A	42	X	1	60	390.50	x		10	75	15					3													1									4	1	1	2		2									siliceous nannofossil chalk w/clay
171	1051	A	43	X	1	57	400.07	x		15	75	10	1				1										2			3									3	2	2	2		3									siliceous nannofossil chalk
171	1051	A	43	X	1	137	400.83		x	70	20	10							5											3			1						2		2			2									vitric ash w/carbonate grains
171	1051	A	43	X	3	51	403.01		x	80	15	5	2		1				3				5							2									2	1			1										vitric ash w/biotite
171	1051	A	43	X	6	121	408.21		x	70	25	5	1	1			2		2				5																			1										vitric ash
171	1051	A	44	X	2	60	411.20	x		5	80	15		1			2															1							4	1		3		3									siliceous nannofossil chalk
171	1051	A	44	X	3	104	413.14		x	5	70	25					3															2							4	1	1	2		3									siliceous nannofossil chalk w/clay
171	1051	A	45	X	1	9 8	419.68	x		10	65	25					3													1									3	1	2	3	1	3									porcellanite w/clay and nannofossils
171	1051	A	46	X	3	70	422.40	x		10	75	15	1				3						1							3		1	1						3	1	1	2		3									siliceous nannofossil chalk w/ clay and carbonate grains
171	1051	A	47	X	2	80	440.20	x		10	80	10	1				3													3		1	1						2	2	1	2		3									siliceous chalk with clay

Sample								Lith.		Texture			Composition																																						
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	Dominant	Minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Plagioclase	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic fragments	Volcanic Glass	Accessory minerals	Glauconite	Phosphate	Zeolites	Dolomite	Calcite	Carbonate Grains	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	Heavy Minerals	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Plant debris	Calcispheres	other	unidentified	Sediment or Rock Name
171	1051	A	48	X	1	39	447.89		x	0	70	30	1				3								1					3									4	1	1	1		3									silceous nannofossil chalk w/clay
171	1051	A	48	X	3	58	451.08	x		2	68	30	1				3						1							3									3	2		2		3									silceous nannofossil chalk w/clay
171	1051	A	48	X	4	23	452.23	x		0	65	35	1				4								1							1							4		2	3		3									silceous clayey nannofossil chalk
171	1051	A	48	X	7	38	456.38		x	0	1	99	1				5		1											1									1	1													clay (altered ash?)
171	1051	A	48	X	CC	36	457.12		x	0	85	15	1										1							5		1								1				1								1	limestone (thin section requested)
171	1051	A	49	X	1	130	458.20	x		5	80	15	2												1														4	1	3	3		3									siliceous nannofossil chalk
171	1051	A	49	X	2	30	458.90	x		5	85	10	1																	4									3	1	3	2		3		1							siliceous carbonate chalk w/ nannofossils
171	1051	A	49	X	CC	9	460.19		x	5	80	15	4																										2		2	2		4									spicular siltstone with siliceous microfossils
171	1051	A	49	X	CC	25	460.37	x		40	30	30	1			1	4								2						2									5					2							2	foraminifer porcellanite
171	1051	A	50	X	1	7	460.27		x	15	70	15					3						1				1			4							1		4	2		2		2									nannofossil carbonate chalk with siliceous microfossils and clay
171	1051	A	50	X	5	22	466.42	x		5	85	10	1				3						1		1					3									4	1	2	2		3									siliceous nannofossil chalk with carbonate and clay
171	1051	A	51	X	2	138	469.68		x	5	85	10											2		1					3		2							4		3	1		2									siliceous nannofossil chalk with carbonate grains
171	1051	A	51	X	5	23	473.03		x	8	82	10	1										2							4		2							5	1	2	2	1	2									siliceous calcareous nannofossil chalk
171	1051	A	52	X	2	108	479.08		x	10	70	20					3						1		1					4									4	2		2		3				1					siliceous carbonate nannofossil chalk with clay
171	1051	A	52	X	5	50	483.00		x	10	80	10					2								1					4					2				3		1	2	1	3									siliceous carbonate chalk with nannofossils
171	1051	A	52	X	6	83	483.83	x		10	75	15	1				3								2					4									3	3	2	2	1	3									carbonate siliceous chalk with clay and foraminifers
171	1051	A	53	X	2	70	488.30		x	0	85	15	1				2						1		1					3									3	1	2	2		3		1							siliceous chalk w/nannofossils and carbonate grains
171	1051	A	53	X	4	52	491.12	x		2	80	18	1				2						1							2		1							4	1	2	2		3									siliceous nannofossil chalk
171	1051	A	53	X	4	62	491.22		x	0	80	20	1				2						2		1					2		1							4	1	2	2		3		1							siliceous nannofossil chalk
171	1051	A	54	X	1	144	496.40	x		5	85	10	2				2						1		1					4								2	3	2		2		3									siliceous carbonate chalk with nannofossils
171	1051	A	54	X	4	70	500.90		x	5	75	20	2				2								1					5								2	2	2		2		2				1					carbonate chalk with siliceous microfossils
171	1051	A	55	X	3	65	508.95	x		0	90	10	2				2						1																5	2	2	3		3									siliceous nannofossil chalk
171	1051	A	55	X	CC	12	510.77		x	20	65	15	2				2		1				2		1														4	3	1	2		3									siliceous nannofossil chalk w/ foraminifers
171	1051	A	56	X	2	78	517.18	x		10	70	20					2										1			3			1						4	1	2	1		3									siliceous nannofossil chalk w/carbonate
171	1051	A	56	X	3	146	519.36	x		10	80	10	1				2													4			1						3	1	1	2		2									siliceous carbonate chalk w/nannofossils
171	1051	A	56	X	6	130	523.70	x		10	75	15	1				2													3		1							3	1	1	2		3									siliceous chalk w/nannofossils & carbonate
171	1051	A	57	X	1	60	525.10	x		10	80	10	1				2													4									3	1	1	2		3									siliceous carbonate chalk w/nannofossils
171	1051	A	57	X	1	125	525.75	x		10	75	15	1				2													4			1						3		1	2		3									siliceous carbonate chalk w/nannofossils
171	1051	A	58	2	2	70	536.30	x		5	35	60	1	1			4													2									3		1	1		2									clayey chalk w/ nannofossils
171	1051	A	58	X	3	16	537.26		x	10	40	50	1				4													3									3		1	3		3									clayey chalk w/radiolaria & spicules
171	1051	A	58	X	6	60	542.20	x		5	55	40					4													3									4	1	1	1		3				1					clayey nannofossil chalk & spicules and carbonate grains
171	1051	A	59	X	2	38	545.58	x		5	45	50	1				4															1							4	1	3	1		3									siliceous clayey nanno chalk
171	1051	A	60	X	1	85	554.15	x		5	60	35					4													2									4		2	2		3									clayey nanno chalk w/siliceous microfossils
171	1051	A	61	X	2	84	558.74	x		10	65	25	1				4													2			1						4		1	2		3									siliceous clayey nannofossil chalk
171	1051	A	62	X	3	100	566.90	x		20	40	40	1				4								1					4			1				1		3	2	2	3		3									siliceous clayey carbonate chalk
171	1051	A	62	X	5	135	570.25	x		10	50	40	2				4								2					3							1		2	2	2	3		3									siliceaous claystone w/carbonate grains
171	1051	A	62	X	6	72	571.12		x	grain mount															5																												glauconite bleb
171	1051	A	63	X	1	112	573.62	x		10	60	30	1		1		4								2					3									3	1	2	1		3									siliceous clayey chalk
171	1051	A	63	X	3	136	576.86	x		10	60	30	1				4								1					2		1	1						3		1	2		3									clayey siliceous chalk
171	1051	A	63	X	7	17	581.67		x	10	40	50					4								2					3		2							3	1	2	2		3									siliceous calcareous claystone
171	1051	A	64	X	1	128	583.38	x		10	60	30	1				4								2					2									2		1	2		3									siliceous claystone
171	1051	A	64	X	2	85	584.45	x		10	60	30	1				4		1						1					2		1			1				3		1	3		3									siliceous claystone with nannofossils
171	1051	A	65	X	2	93	594.23	x		10	70	20	1												2							1							4	1	3	2		3									siliceous nannofossil chalk
171	1051	A	65	X	2	146	594.76	x		2	50	48					4		1				1		1					4					1				3		2	2		2									carbonate siliceous claystone with nannos
171	1051	A	66	X	1	46	601.96	x		0	70	30	2				4		1						1							1			2			2	2		3	4		3									clayey radiolarite w/spicules and diatoms
171	1051	A	66	X	3	82	605.32	x		5	45	60	2				4								1					3					1				3		3	3	1	2				1					siliceous claystone w/carbonate and nannos
171	1051	A	67	X	2	140	614.00	x		20	50	30	1				3		1						1					3		1							2	1	2			3									clayey spiculite with carbonate grains
171	1051	A	68	X	1	86	621.56	x		0	65	35	1				3		1						1					3		1							3	1	1	1		3		1							siliceous claystone w/nannofossils & carbonate grains
171	1051	A	68	X	2	106	623.26		x	0	40	60					5						1		1					1		1							3			1		1									nannofossil claystone
171	1051	A	71	X	CC	6	634.56	x		0	20	80	1				5													2									2	1	1			1									carbonate claystone
171	1051	A	72	X	1	95	640.95	x		5	25	70	2				5		1						1					2									2	1	2	1		3									claystone w/ sponge spicules

Sample								Lith.		Texture			Composition																																							
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	Dominant	Minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Plagioclase	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic fragments	Volcanic Glass	Accessory minerals	Glauconite	Phosphate	Zeolites	Dolomite	Calcite	Carbonate Grains	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	Heavy Minerals	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Plant debris	Calcispheres	other	unidentified	Sediment or Rock Name
171	1051	A	73	X	1	148	643.08	X		10	60	30	1				3						1		1					3		1							2	1	2	3	1	3									siliceous claystone w/carbonate grains
171	1051	B	2	H	2	103	7.33	x			95	5																		1									5	1				1						1			nannofossil ooze
171	1051	B	2	H	3	64	8.44		x	5	90	5	1										2							1									5	1		1		2						1			nannofossil ooze with siliceous microfossils
171	1051	B	2	H	7	45	14.25	x			95	5											1																5	1										1			nannofossil ooze
171	1051	B	3	H	4	92	19.22	x			95	5	1																	1									5	1	1	1		2						1			nannofossil ooze
171	1051	B	3	H	4	102	19.32		x		95	5											1							2		1							5	1	1	1		2									nannofossil ooze
171	1051	B	3	H	5	79	20.59		x		95	5	1										1							2		1							5	1		1		2						1			nannofossil ooze with siliceous microfossils
171	1051	B	4	H	5	130	21.10		x	5	91	4					1					1						1		2								2	5	2		2		3								nannofossil ooze with siliceous microfossils
171	1051	B	4	H	7	16	22.96		x	10	90														1							2							5	3		2		4						1			siliceous nannofossil ooze with foraminifers
171	1051	B	5	H	1	118	34.48		x	15	75	10											4									2							4	1				3									ash with nannofossil ooze
171	1051	B	5	H	5	37	39.67	x		5	90	5																											5	1	1	2		3									nannofossil ooze with siliceous microfossils
171	1051	B	6	H	2	80	43.60	x		5	90	5	1				1						1										1						5	2	1	2		3									nannofossil ooze with siliceous microfossils
171	1051	B	7	H	1	90	53.20	x		15	75	10	1				2													2			1						4	3		1		3									siliceous nannofossil ooze with forams
171	1051	B	7	H	2	120	55.00		x	10	80	10	1				2													2		3	1						5	3		1		4									siliceous nannofossil ooze with forams
171	1051	B	8	H	1	80	62.60	x		10	85	5	1				1													2									5	2	1	1		3									siliceous nannofossil ooze
171	1051	B	8	H	3	123	66.03		x	30	65	5	1																			4	5						3	1		1		2									limonite in a siliceous nannofossil ooze matrix
171	1051	B	8	H	5	95	68.75		x	10	85	5					2						1							1									5	2	1	2		3									siliceous nannofossil ooze
171	1051	B	8	H	6	60	69.90	x		10	85	5	1				1													2		1							5	2	1	1		3									siliceous nannofossil ooze
171	1051	B	9	H	1	79	72.09	x		10	85	5					2								1														5	2		1		3									nannofossil ooze with spiclues
171	1051	B	10	H	4	112	86.42		x	20	75	5	1	1			1						4							1		1							2					1									vitric ash with nannofossils
171	1051	B	10	H	5	50	87.30	x		10	80	10					2													2									4	2	1	2		3						1			nannofossil ooze with siliceous microfossils
171	1051	B	10	H	6	55	88.85		x	50	35	15					2													1									3	1	2	3		4						2			siliceous ooze with nannofossils
171	1051	B	11	H	2	40	89.20		x	90	5	5					1						5							1									1					1									vitric ash
171	1051	B	11	H	3	90	91.20	x		15	75	10					2													2									4	2	1	3		3						2			siliceous nannofossil ooze
171	1051	B	12	H	2	100	99.30	x		10	80	10	1				1													2									4	1	1	1		3									siliceous nannofossil ooze
171	1051	B	12	H	4	115	102.45		x	15	70	15		1			2	1												2									4	1	1	2		3									siliceous nannofossil ooze
171	1051	B	13	H	1	70	107.00	x		6	90	4	1				1													2									5	2	1	2		3						2			nannofossil ooze with siliceous microfossils
171	1051	B	13	H	1	135	107.65		x	10	80	10	1				1													2		1							4	1	1	1		3									siliceous nannofossil ooze
171	1051	B	14	H	3	80	119.60	x		10	70	20					2						1					1											5	2		2		3									nannofossil ooze with sponge spicules
171	1051	B	14	H	5	39	122.19		x	20	50	30					4						1							4		1							3	2	1	2		3						1			Clayey calcareous ooze w. siliceous microfossils
171	1051	B	14	H	5	45	122.25		x	30	40	30					3						1							4									3	2	2	3		4						2			siliceous calcareous ooze wih /clay
171	1051	B	14	H	6	136	124.66		x		90	10					2													5									3	2		2		3									calcareous ooze w spicules
171	1051	B	15	H	2	62	127.42	x		5	85	10																											5	3	1	2		2						2			nannofossil ooze with siliceous microfossils and foraminifers
171	1051	B	15	H	3	112	129.42		x	5	85	10																											5	3	1	2		3						2			nannofossil ooze with siliceous microfossils and foraminifers
171	1051	B	16	X	2	75	137.05		x	10	85	5					2						1																5	3	1	2		2						2			siliceous nannofossil chalk with foraminifers
171	1051	B	16	X	3	13	137.84	x		4	94	1					1		1																				5	2	1	2		3						1			siliceous nannofossil chalk
171	1051	B	17	X	5	35	149.65	x		0	95	5											1							1									5	2	1	1		2						1			nannofossil chalk with spicules and foraminifers
171	1051	B	18	X	2	82	155.22	x		5	87	8	1		2																								5	3	1	2		3									nannofossil chalk with siliceous microfossils and foraminifers
171	1051	B	18	X	4	56	157.96	x		10	90														1		2					1							5	2	1	2		3						2			siliceous nannofossil chalk
171	1051	B	18	X	4	125	158.65		x	1	94	5					2																						4		4	2	1	3						1			siliceous nannofossil chalk
171	1051	B	19	X	3	68	166.18	x		7	90	3					2						1		1		1					1							5	2		3		3				1					nannofossil chalk with siliceous microfossils
171	1051	B	20	X	3	66	175.76	x		5	90	5	1				2								1				1										5	2	1	2		2									nannofossil chalk with siliceous microfossils
171	1051	B	20	X	4	67	177.27	x		5	85	10	1				2																						5	2	1	2		2									nannofossil chalk with siliceous microfossils
171	1051	B	21	X	1	110	182.80		x		90	10													1					2		1			1				4	2	2	3		3									siliceous nannofossil chalk
171	1051	B	21	X	3	75	185.55	x			95	5							1											1									5	1	1	1		3						1			nannofossil chalk with spicules
171	1051	B	21	X	6	3	189.23		x	30	60	10	2						2				5							1					2																		vitric ash
171	1051	B	22	X	5	104	198.24	x		6	90	4					2								1							1							5	2		1	2							1			nannofossil chalk with siliceous microfossils
171	1051	B	23	X	1	11	200.91		x	20	75	5	1				2		1				1		1														5	1	3	2	1	3						1			siliceous nannofossil chalk
171	1051	B	23	X	1	146	202.26		x	20	75	5					2								1							1							5	2	3	2	1	3						1			siliceous nannofossil chalk
171	1051	B	24	X	3	100	214.50	x		5	90	5	1				2													1									4	2	1	1		3									nannofossil chalk with siliceous microfossils
171	1051	B	25	X	2	78	222.38	x		15	75	10	1				2								1					2		1							4	2	1	2		3									siliceous nannofossil chalk
171	1051	B	26	X	4	80	235.00	x		10	60	30	1				4						1		1							1							4			2		3									clayey nannofossil chalk with spicules

Sample								Lith.		Texture			Composition																																				
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	Dominant	Minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Plagioclase	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic fragments	Volcanic Glass	Accessory minerals	Glauconite	Phosphate	Zeolites	Dolomite	Calcite	Carbonate Grains	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	Heavy Minerals	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Plant debris	Calcispheres	other	unidentified	Sediment or Rock Name
171	1051	B	26	X	7	7	238.77		x	20	65	15	1				3						4							2					5				3	1		1		2									pyrite & volcanic glass in a clayey nannofossil chalk with spicules
171	1051	B	26	X	CC	25	239.40		x	10	65	25	1				3								1					2		1	1						4	1	1	1		3									clayey nannofossil chalk with spicules
171	1051	B	27	X	3	53	242.93	x		10	75	15	1				2													2									4	2	1	2		3						1			nannofossil chalk with siliceous microfossils
171	1051	B	28	X	1	90	249.90	x		10	75	15	1				3								1					2		1							4	1	1	2		3									siliceous nannofossil chalk with clay
171	1051	B	28	X	4	50	254.00	x		10	75	15	1				3								1					2		1	1						4	2	1	2		3									siliceous nannofossil chalk with clay
171	1051	B	29	X	1	50	259.10	x		10	85	5					2								1														5	1	1	2		3				1					nannofossil chalk with spicules
171	1051	B	29	X	6	144	267.54		x	10	80	10					2						2							2									4	2	2	2		3									siliceous nannofossil chalk
171	1051	B	30	X	1	50	268.70	x		10	80	10	1				2								1					2									4	1	1	1		3									siliceous nannofossil chalk
171	1051	B	31	X	1	85	278.65	x		10	80	10	1				2													2		1							4	1	1	2		3									siliceous nannofossil chalk
171	1051	B	33	X	2	24	294.34	x		10	80	10	1				2													2									5	2	1	2		3									siliceous nannofossil chalk
171	1051	B	33	X	6	110	299.20		x	40	55	5	1	2			1		1				4							1		1							2	1		1		1									vitric ash
171	1051	B	34	X	1	5	303.25	x		10	75	15					2						1		1					2									5			2		3									nannofossil chalk with siliceous microfossils
171	1051	B	34	X	2	139	306.29		x	40	50	10					2						4																4	2		2		2									vitric ash with nannofossils
171	1051	B	36	X	1	80	313.70	x		10	75	15	1				2													2									4	1	1	1		3									siliceous nannofossil chalk
171	1051	B	36	X	4	116	318.56		x	30	60	10	1				2						4							2									3		1	1		2									vitric ash with nannofossils
171	1051	B	37	X	3	77	326.27	x		5	85	10					2		1			1			1		1								2				4		2	1		3						1			siliceous nannofossil chalk with ash
171	1051	B	38	X	3	90	336.00	x		10	80	10					2								1					1		1							5	2	1	2		3						1			nannofossil chalk with siliceous microfossils
171	1051	B	39	X	4	102	347.22		x	20	60	20	2				2				1		5									1			1				2	1	3	2		2									vitric ash w diatoms
171	1051	B	39	X	5	70	348.40	x		10	75	15	1										1																5	2	3	2		2									siliceous nannofossil chalk
171	1051	B	40	X	1	70	352.00		x		70	30					3						1							5									3	1		2		2									nannofossil chalk with clay
171	1051	B	40	X	3	32	354.62		x	3	87	10	1										1		1					3									4	2	1	2		3									nannofossil chalk with siliceous microfossils
171	1051	B	40	X	3	114	355.44	x		3	87	10	1																										5	2	1	2		3									nannofossil chalk with siliceous microfossils
171	1051	B	40	X	6	107	359.87		x	25	70	5	1										5									1							1		1	1											vitric ash
171	1051	B	40	X	CC	44	360.74		x	1	90	9											1							4									3	1	1	2		2									carbonate chalk with siliceous microfossils and nannofossils
171	1051	B	41	X	1	92	361.82	x		5	80	15					3								1														5	1	2	1		3						1			siliceous nannofossil chalk with clay
171	1051	B	42	X	2	46	372.46	x		10	75	15	1				2						1		1							1							4	1	1	3		2						1			siliceous nannofossil chalk
171	1051	B	43	X	1	25	376.35		x	0	5	95					3		1								1			3					1			5				1	1									porcellanite with clay and carbonate grains
171	1051	B	43	X	1	47	376.57	x		80	10	10	1	1			2								1					2								4		4											2		silicified foraminifer porellanite (thin section)
171	1051	B	44	X	1	46	380.56	x		80	10	10	1				2								1															5											1		porcellanized foraminiferslr packstone (thin section)
171	1051	B	44	X	CC	3	380.79		x	1	84	15	1				3								1		1		3									4	2	1			1									porcellanite with clay & carbonate grains
171	1051	B	44	X	CC	5	380.81		x	1	84	15	1				3								1		1			3								4	2													porcellanite with clay & carbonate grains
171	1051	B	44	X	CC	6	380.82		x	2	28	70					4										2			3								2	2	1												claystone with carbonate grains
171	1051	B	45	X	2	12	384.32	x		3	77	20	1				2													4									3	1	1	2		3				1					siliceous carbonate chalk
171	1051	B	45	X	2	65	384.85	x		0	80	20	1				2						1							5									2	1		2		2									siliceous carbonate chalk
171	1051	B	45	X	CC	27	385.79		x	0	30	70					5													2								2				1		1								clay
171	1051	B	46	X	1	13	389.83	x		20	70	10	1				2													3		1	1						2	1	1	3		3									indurated siliceous ooze with carbonate
171	1051	B	46	X	1	81	390.51	x		15	65	20	1				3													3									2	1	1	2		3									siliceous chalk with clay and carbonate grains
171	1051	B	46	X	4	61	394.81	x		5	85	10					3																						4	2	1	2		2									siliceous nannofossil chalk with clay
171	1051	B	46	X	4	75	394.95		x	30	60	10					2		1				5									1							2													vitric ash
171	1051	B	47	X	1	50	399.80	x		5	80	15					3						1									1							5	2	2	2		3									siliceous nannofossil chalk with clay
171	1051	B	47	X	2	85	401.65		x	10	80	10	1						1				5																2	1	1	1		2									vitric ash
171	1051	B	47	X	3	96	403.26		x	5	85	10	1										5																4	1		2		2									vitric ash with nannofossils
171	1051	B	47	X	4	74	404.54		x	5	90	5	1	1									5																1													vitric ash
171	1051	B	48	X	2	120	411.70	x		15	70	15	1				3													4		1							3	1	1	3		3									siliceous carbonate chalk with clay
171	1051	B	49	X	2	50	420.60	x		10	75	15	1				3													2		1							4	1	1	2		2									siliceous nannofossil chalk with clay
171	1051	B	50	X	2	90	430.70	x		10	70	20	1				3						1							3		1							3		1	1		3									siliceous chalk with clay, carbonate grains, and nannofossils
171	1051	B	51	X	1	70	438.60	x		15	70	15	1	1			4						1		1					3							1		2	2	2	3		3				1					carbonate siliceous claystone
171	1051	B	51	X	1	124	439.14		x	10	70	20	1	2					3				3		1					4									3	2	3	3		3									siliceous carbonate chalk with volc glass, biotite, and nannofossils
171	1051	B	52	X	2	130	450.40	x		10	70	20	1				4													4		1							3	1	1	2		2									clayey carbonate chalk with siliceous microfossils and nannofossils
171	1051	B	53	X	1	33	457.63	x		10	75	15	1				3													3		1	1						3	1	1	2		2									siliceous carbonate chalk with clay
171	1051	B	53	X	CC	36	458.46		x	30	65	5	1				2													5		1								1		1		2									Limestone

Sample								Lith.		Texture			Composition																																							
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	Dominant	Minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Plagioclase	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic fragments	Volcanic Glass	Accessory minerals	Glauconite	Phosphate	Zeolites	Dolomite	Calcite	Carbonate Grains	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	Heavy Minerals	Opal	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	Plant debris	Calcispheres	other	unidentified	Sediment or Rock Name
171	1051	B	54	X	1	84	467.74		x	3	87	20					2		1				1		1					4								1	3	1	1	2		3									siliceous carbonate chalk (with minor ash component)
171	1051	B	54	X	2	118	469.58	x			80	20					3								1					3		1						1	4	1	1	2		3						1			siliceous nannofossil chalk with clay
171	1051	B	54	X	3	28	470.18	x			80	20					3								1					4		1						1	4	1		2		3						1			siliceous nannofossil chalk with clay
171	1051	B	54	X	6	75	475.15		x		85	15					1								1					4		2							3	1		2		3									siliceous carbonate chalk with opaques
171	1051	B	55	X	4	57	481.57		x	3	67	30					3		1				1		1					3		1						1	4	2		2		3									siliceous nannofossil (slurry) chalk with clay
171	1051	B	55	X	4	82	481.82	x			70	30					3						1		1					4		1							3	2	1	2		3									siliceous carbonate chalk with nannofossils and clay
171	1051	B	55	X	5	66	483.16	x		3	62	35					4						1		1					3		1						1	3	1	1	3		3									siliceous claystone with carbonate & nannofossils
171	1051	B	56	X	2	48	488.08	x		5	65	30	1				4		1				1		2		1								1			2	4	1	2	1	1	3									clayey siliceous nannofossil chalk
171	1051	B	57	X	2	43	497.63	x		10	65	25					3		1				1		2					4		1						1	2	2	1	2		3						1			spicule carbonate chalk with clay
171	1051	B	57	X	2	68	497.88	x			80	20					2								1					5								1	1	1		2		3									carbonate chalk with siliceous microfossils
171	1051	B	58	X	2	41	504.21	x		5	75	20					3						1		2					3								1	3	2	3	1	1	2				1			1		siliceous claystone with carbonate and nannofossils
171	1051	B	59	X	1	25	506.55		x	5	70	25	1				4						1		1					4								1	4	2	2	2		3									siliceous clayey nannofossil chalk
171	1051	B	59	X	3	59	509.89	x		5	80	15	1				3						1		1		1												5	1	1	2		3						1			siliceous nannofossil chalk with clay
171	1051	B	60	X	1	75	511.65	x		10	60	30		2			4	1					1		1					4			1				1		3	2	1	3		3									siliceous clayey carbonate chalk
171	1051	B	60	X	3	90	514.80	x		30	50	20	1	1			3						2		1					5			1						2	2		3		3									siliceous carbonate chalk with clay
171	1051	B	61	X	1	12	517.02	x		10	50	40	1				4	1												4							1		3		2	3		3									clayey carbonate chalk with siliceous microfossils
171	1051	B	61	X	1	94	517.84	x		20	50	30	1	1			3	1							1					5							1		2	2	2	3		3									siliceous carbonate chalk with clay