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																																									
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	dominant	minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic Glass	Accessory minerals	Heavy Minerals	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	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	1052	A	1	H	1	50	0.50	x		60	30	10	1	1		2												2		1	1					3	5				1									foram ooze with nannofossils
171	1052	A	1	H	1	53	0.53	x		60	20	20	2	1	1	3															2					2	5				1									foram ooze with clay
171	1052	A	1	H	1	54	0.54		x	70	30			1							1			1							3					3	4													foram ooze with nannofossils and Fe-oxide
171	1052	A	1	H	1	63	0.63	x		50	50		1	1		2																				4	4													nannofossil foram ooze
171	1052	A	2	H	1	6	3.56		x	20	10	60	1			4																				2	3		1		2		3				2			clayey ooze with forams and fish debris
171	1052	A	2	H	1	109	4.59		x	10	80	10	1			2								1		1					2					5	2										1			nannofossil ooze
171	1052	A	2	H	2	80	5.80	x		5	75	20	1	1		3							1								1					4	2													nannofossil ooze with clay
171	1052	A	2	H	4	8	8.08		x	20	60	20				2		1			4									1						3	1										1			altered ash with nannofossils
171	1052	A	2	H	5	80	10.30	x		20	70	10	1			2												3								5	3										2			nannofossil ooze with forams and carbonate
171	1052	A	3	H	4	36	18.06	x		5	93	2				1					1			1						1						5	2				1						1			nannofossil ooze
171	1052	A	3	H	5	78	19.98		x	5	90	5						2			3															4	2	3	3		2						2			siliceous nannofossil ooze with volcanic shards
171	1052	A	3	H	CC	5	22.61		x	70	30							1			5			1												3	1	2	2		2									vitric ash with nannofossils
171	1052	A	4	H	4	43		x		10		5								1	1															5	1	2	21	1	2									nannofossil ooze with sil. micorfossils
171	1052	A	4	H	4	73		x		10	85	5																								5	1	2	2	1	3									siliceous nannofossil ooze
171	1052	A	4	H	5	5			x	80	20										5															2														victric ash
171	1052	A	5	H	2	40	34.90	x							1	1																				5	2				2						1			nannofossil ooze
171	1052	A	5	H	4	51	37.21	x		15	80	5				2					1															4	2	1	3		3									siliceous nannofossil ooze
171	1052	A	5	H	5	60	38.80		x									1			5									1									1										vitric ash
171	1052	A	6	H	3	124		x			85	15				1					1							2							1	5	1	1	2										nannofossil ooze with sil. microfossils
171	1052	A	6	H	3	142		x			95	5				1								1				2		1						5	1	1			2						1			nannofossil ooze
171	1052	A	6	H	6	62			x	25	65	10				2					5							2		1						3	1		1		2						1	1		victric ash
171	1052	A	6	H	6	137			X	2	93	5												1				2								5	1		2		3									nannofossil ooze with sil.microfossils
171	1052	A	7	H	4	36	56.06		x	3	95	2				1												5		1						3	1				1						1			carbonate chalk with nannofossils
171	1052	A	7	H	4	67	56.37	x					1			2												4		1						4	3				1						1			carbonate nannofossil ooze with forams
171	1052	A	8	H	2	70	62.90		x		95	5				1												5								4														carbonate nannofossil ooze
171	1052	A	8	H	4	45	65.65	x			95	5									1							1								5	1		1		1									nannofossil ooze
171	1052	A	8	H	5	32	67.02	x		1	94	5									1							2							1	5	2	1	2		3						1			nannofossil ooze with spicules
171	1052	A	8	H	5	95	66.65		x	30	70										5							2		1						2									1					vitric ash
171	1052	A	9	H	3	53		x		8	77	15	1			2					1			1				2		1						5	1	1	2	3										siliceous nannofossil ooze
171	1052	A	10	H	2	100	82.20	x		15	80	5				2								1				1								5	3		1		3						1			nannofossil ooze with forams and spicules
171	1052	A	10	H	4	70	84.90		x	70	25	5	1			1					5							1								3	1		1		2						1			vitric ash
171	1052	A	10	H	6	85	88.05		x	25	70	5	1			2								1				1		1						5	3	1	2		3						1			siliceous nannofossil ooze with forams
171	1052	A	11	H	1	100	90.20	x		5	90	5	1			2					1							2								5	2	1	1		3									nannofossil ooze with spicules
171	1052	A	11	H	5	105	96.25		x	90	10			1							5							1								1														ash
171	1052	A	12	H	4	100	104.20	x		20	60	20	1			2												3								5	3	2	2		3									nannofossil ooze with forams,spicules, and carbonate
171	1052	A	12	H	6	102	107.22		x	30	50	20	1			2												3								5	3	2	2		4									spicule siliceous nannofossil ooze with forams and carbonate grains
171	1052	A	13	H	1	100	109.20	x		20	75	5	1			1								1				2								4	3		2		3									siliceous nannofossil ooze with forams
171	1052	A	14	H	2	35	119.55		x	15	70	15				2		1			1			1												5	2		1		3				1		1			nannofossil ooze with spicules
171	1052	A	15	H	1	80	128.00	x		10	80	10	1			1																				5	1		1		3									nannofossil ooze with spicules
171	1052	A	16	X	2	90	132.10	x		5	85	10	1	1		2										1		1								5	1										1			nannofossil chalk
171	1052	A	17	X	1	20	136.20	x		5	90	5				1										2										5	2				1						1			nannofossil chalk
171	1052	A	17	X	1	37	136.37	x				100	1	1		5												1		2						1	1													claystone
171	1052	A	17	X	2	60	138.10	x		20	75	5				2								1												5	3										2			Nannofossil chalk with foraminifers
171	1052	A	17	X	4	143	141.93	x		10	85	5	1			2								1				2								5	1										2			Nannofossil chalk
171	1052	A	18	X	1	89	146.59	x		10	85	5												1				3								5	3								1		3			Nannofossil chalk with calcispheres and carbonate grains
171	1052	A	18	X	2	42	147.62		x		70	30												1				5								4	2										3			Nannofossil carbonate chalk with calcisphers
171	1052	A	18	X	2	100	148.20	x		10	80	10												1				2								5	3										3			Nanno Chalk with foraminifers and calcispheres
171	1052	A	18	X	4	23	150.43		x	20	60	20	1					1			1			1		3		4								4	3								1		2	2		carbonate Chalk with foraminifers and zeolites
171	1052	A	18	X	5	108	152.78	x		0	80	20				2												5								3	1										1			carbonate Chalk with nannofossils
171	1052	A	19	X	3	75	159.05	x		40	60															3		2							2	5	4									2			foraminifersl nannofossil chalk w/ zeolite
171	1052	A	19	X	4	138	161.18	x		25	65	10				2					1					3		3								4	4		2											foraminifersl nannofossil chalk with zeolite adn carbonate grains
171	1052	A	19	X	4	144	161.24	x		15	78	7				2												4								3	2				2									Carbonate chalk with nannofossils
171	1052	A	19	X	5	55	161.85		x	30	70															2										5	4										1			foraminifersl nannofossil chalk
171	1052	A	19	X	5	78	162.08	x		10	80	10				2										3		4							2	3	2						1				1			carbonate chalk with nannofossils and zeolites

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Sample								Lith.		Texture			Composition																																							
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	dominant	minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Mica	Clay	Muscovite	Biotite	Chlorite	Rock Fragments	Volcanic Glass	Accessory minerals	Heavy Minerals	Glauconite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	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	1052	A	19	X	6	22	163.02		x	10	85	5	1			2					1			1		3	1	3								4	1		1											Nannofossil chalk with carbonate grains and zeolite
171	1052	A	19	X	6	72	162.52	x			30	70				4								2		3	2	2						9	2	3	1		1		1									claystone with nannofossils and zeolite
171	1052	A	20	X	1	2	162.92	x		5	50	45				4								1				2							3	2	1		1		1									claystone with opal
171	1052	A	20	X	CC	11	163.24	x		10	60	30	1			4		1			1			1				3							3	3	2		1		2		1							claystone with carbonate grains, opal, and nannofossils
171	1052	A	21	X	CC	10	168.50		x	2	78	20	1								1			2				1							2	2					3									nannofossils, glass, and spicules in grungy slurry
171	1052	B	2	H	1	70	5.70	x		10	70	20				3	1									2		3			1					5	3											2			nannofossil ooze with clay, foraminifers, and carbonate grain
171	1052	B	2	H	3	90	8.90		x	70	20	10	2	2		2		3			5							2								2															vitric ash with biotite
171	1052	B	2	H	5	67	11.67		x	70	20	10	1			1		1			5							2			1					2						1									vitric ash
171	1052	B	3	H	3	76	18.26	x		0	95	5									1							2								5	2		2		2							1			nannofossil ooze
171	1052	B	3	H	4	95	19.95		x	20	70	5									4							3								4	1		2		3									1	vitric ash with nannofossil ooze
171	1052	B	3	H	7	27	20.77		x	35	60	5				1		1			5							2							1	2	1		2		3							1		vitric ash
171	1052	B	4	H	2	135	26.85		x	5	85	10									1															5	2	1	3		3							1		nannofossil ooze with siliceous microfossils
171	1052	B	4	H	3	87	27.87		x	25	70	5				1		1			5									1						2														vitric ash
171	1052	B	4	H	5	83	30.83	x		2	88	10									1					1										5	2	2	2		3							1		nannofossil ooze with siliceous microfossils
171	1052	B	5	H	2	60	35.60	x		5	95	0									1			1						1						5	2		1		3							2		nannofossil ooze with siliceous microfossils
171	1052	B	5	H	4	116	39.21		x	70	30	0									5																													ash (with 20% of glass being dark)
171	1052	B	6	H	4	129	48.79		x	70	30	0						2			5															2	1				1									vitric ash
171	1052	B	6	H	6	45	50.95	x		0	95	5														1										5	1		2		3		1					1		nannofossil ooze
171	1052	B	7	H	6	24	60.24	x			95	5	1																							5	2														nannofossil ooze
171	1052	B	8	H	1	10	62.10	x		10	80	10						1			1			1												5	1	1	2		3									nannofossil ooze with siliceous microfossils
171	1052	B	9	H	3	109	65.53		x	70	25	5	1			1					5			1				1		1						2	1				1									ash
171	1052	B	9	H	5	63	69.13	x		20	75	5				2					1			1		1				1						5	2		3		3									siliceous nannofossil ooze
171	1052	B	10	H	2	80	64.80	x		25	70	5	1			1								1		1		2								4	3	1	3		3	1						1		siliceous nannofossil ooze with forams
171	1052	B	11	H	1	50	82.00	x			90	10																2		1						5	1		2		2							1		nannofossil ooze with sponge spicules
171	1052	B	11	H	2	33	83.33		x	25	70	5						1			5															2													1		vitric ash
171	1052	B	12	H	1	10	91.10		x	10	80	10	1			1												2					3			4	1	1	1		3									nannofossil ooze with pyrite & spicules
171	1052	B	12	H	2	100	93.50	x		5	90	5	1			2												2								5	1		1		3									nannofossil ooze with spicules
171	1052	B	12	H	3	73	94.73		x	55	40	5	1	1		1					5										1		2			2	1		1		2									ash
171	1052	B	13	H	2	50	102.50	x		10	85	5	1																	1						4	2	1	1		3							1		nannofossil ooze with spicules
171	1052	B	14	H	6	51	118.01		x	10	70	20				3							1				1	2			1		1			5	2	2	2										2		nannofossil ooze with clay and spicules
171	1052	C	1	H	2	100	2.50	x		5	90	5	1																	1						5	1				1									nannofossil ooze
171	1052	C	1	H	7	19	9.19		x	10	70	20		1				2			3															4	1													nannofossil ooze with altered ash
171	1052	C	2	H	1	86	10.36		x	60	35	5	1	1		2					5							2			1					3	1				1									vitric ash layer with nannofossils
171	1052	C	2	H	2	100	12.00	x		5	80	15	1			2												2								5	1				2									nannofossil ooze
171	1052	C	2	H	5	81	16.3	x		5	90	5	1			2					1									1	2					5	1		2		2									nannofossil ooze with siliceon microfossils
171	1052	D	1	H	1	14	0.14		x	40	40	20	2	1																	2					1	3						5					2		phosphatic ooze with forams
171	1052	D	1	H	1	141	1.41		x	1	94	5						1																	1	5	2											1		nannofossil ooze
171	1052	D	1	H	2	26	1.76		x	20	60	20	1			3												3			1	3				4	2											2		nannofossil ooze with clay, Mn-oxide, and carbonate grains
171	1052	D	1	H	2	51	2.01		x	20	50	30	1			3												4			3					3	3						1					2		carbonate ooze with forams, clay & Fe-oxide
171	1052	D	1	H	3	50	3.50	x		5	80	15	1			2																				5	2											2		nannofossil ooze

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																																							
Leg	Site	Hole	Core	Type	Section	cm	Depth (mbsf)	dominant	minor	Sand size	Silt size	Clay size	Quartz	Feldspar	Clay	Mica	Biotite	Muscovite	Chlorite	Rock Fragments	Volcanic Glass	Accessory minerals	Heavy Minerals	Glauconite	Phosphate	Zeolites	Clinoptilolite	Carbonate	Dolomite	Calcite	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	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	1052	E	1	R	1	107	141.07	x		1	90	9			2						1			1				4									1	5	1										2			carbonate nannofossil chalk with calcispheres
171	1052	E	1	R	1	125	141.25	x		5	95	0																3									1	4	3										3			nannofossil chalk with calcisphere, foraminifera, and carbonate grains
171	1052	E	2	R	1	9	146.49		x	8	90	2			1													4										5	2								1		2			carbonate nannofossil chalk
171	1052	E	2	R	2	13	147.53	x		40	55	5			1											3												4	4										2			foraminifer nannofossil chalk with zeolite
171	1052	E	2	R	2	44	147.84		x	5	90	5			2											4		4										4	2										2			zeolitic carbonate nannofossil chalk
171	1052	E	5	R	1	38	175.58	x		5	60	35			4									2		1		3				2					3	2	1													claystone with opal and carbonate grains
171	1052	E	6	R	1	25	185.55	x		1	30	69			5		1							1				3	1			1					2	3	1	1	1				1							claystone with nannofossils and carbonate grains
171	1052	E	8	R	3	116	208.16	x		0	20	80			4									1		2		4	1						1		2	2	1								1					carbonate claystone
171	1052	E	8	R	4	113	209.63	x		2	25	73			5									1		4		3							3			4	1	1	1						1					zeolitic nannofossil claystone with carbonate grains and pyrite
171	1052	E	9	R	1	43	214.03	x		0	50	50			4													4	2									2														carbonate claystone
171	1052	E	9	R	1	66	214.26	x		2	48	50	1		5		2									3		2	2						3		2	4	2											2		nannofossil claystone with zeolite and pyrite
171	1052	E	9	R	2	8	215.19		x	0	50	50	1		5		1									3		3	1									3	1											1		claystone with zeolite, carbonate grains, and nannofossils
171	1052	E	10	R	2	86	225.56	x		0	40	60			5								1	1		1		4	1			1					1	3	1													carbonate claystone with nannofossils
171	1052	E	10	R	4	68	228.38	x		0	50	50	1		4									1		3		2				1						3	1													claystone with zeolite and nannofossils
171	1052	E	10	R	5	44	229.64	x		5	55	40			5		1							1														4	2													nannofossil claystone
171	1052	E	11	R	1	25	233.05	x		0	80	20	1	1	4												3	2	2									4	1													clayey nannofossil chalk with zeolite
171	1052	E	11	R	1	30	233.10		x		60	40	5		3									1				4	1						1			1	1													carbonate siltstone with clay
171	1052	E	11	R	1	111	233.91	x			70	30	2	1	4		1							1			3	4	2				1		1			2	2													clayey carbonate chalk with zeolite
171	1052	E	12	R	1	50	242.90	x		5	50	45	1		4									1		2		2				1	1		2			4	2													clayey nannofossil chalk
171	1052	E	12	R	1	130	243.70	x		5	85	10	1		3		1							1		1		4				1	1					3	2													carbonate chalk with nannofossils and clay
171	1052	E	12	R	2	60	244.50	x		10	70	20	1		3											1		4					1					3	2													carbonate chalk with clay and nannofossils
171	1052	E	13	R	1	90	252.90	x		20	60	20	1		3									1		2		3										4	3		1		1									nannofossil chalk with foraminifers, clay and carbonate grains
171	1052	E	13	R	3	4	255.04		x	10	40	50	2	2	5		3											2											2													altered ash with biotite
171	1052	E	14	R	1	60	262.30	x		5	45	50			4		1				1			1		1		4										3	2													carbonate claystone with nannofossils
171	1052	E	15	R	1	100	272.30	x		30	20	50	1		4		1							1		2		2							1			3	4				1									foraminifer claystone with nannofossils
171	1052	E	15	R	2	80	273.50	x		10	60	30	1		4									1		2		3		1			1		1			3	2													claystone with nannofossils and carbonate grains
171	1052	E	16	R	1	25	281.15	x		10	50	40			4											1		2										4	2				1									nannofossil claystone
171	1052	E	16	R	2	70	283.10	x		20	40	40			4		1				1					1		2				2						4	3													nannofossil claystone with foraminifers
171	1052	E	16	R	6	60	288.96	x		10	40	50			4						1					1		2										4	2								1					nannofossil claystone
171	1052	E	17	R	2	76	292.63	x		20	60	20	2		3								1	1		2		5				1						2	3													carbonate chalk with clay and foraminifers
171	1052	E	17	R	2	97	292.82	x		20	40	40	2		4					2				1		3		3	1				1					4	3													clayey nannofossil chalk with zeolite, foraminifers, and carbonate grains
171	1052	E	17	R	5	90	297.27	x		20	60	20	3		4			2	1				1					3	1									4	2													clayey foraminifer chalk with quartz silt and carbonate grains
171	1052	E	17	R	6	20	298.07	x		20	40	40	2		4			1					1	1					1			2						2	4						1				2			clayey foraminifer chalk
171	1052	E	18	R	1	98	301.08		x	5	75	20												1					1									5	3										3			nannofossil chalk with foraminifers and calcispheres
171	1052	E	18	R	1	122	301.32	x		5	75	20			4		1					1							1									5											2			clayey nannofossil chalk
171	1052	E	18	R	1	132	301.42		x	3	77	20			3											1												5	2										2			nannofossil chalk with clay
171	1052	E	18	R	2	50	302.10	x		5	55	40	1		3									1		2			1									5	3										4			clayey nannofossil calcisphere ooze/chalk with foraminifers
171	1052	E	18	R	2	51	302.11		x		70	30	1		4													5	2									2											2			clayey carbonate chalk
171	1052	E	18	R	2	54	302.14		x	2	88	10	1													1		5										2	1										2			carbonate chalk
171	1052	E	18	R	2	55	302.15		x		80	20	2													2		4										4	2										3			nannofossil carbonate chalk
171	1052	E	18	R	2	57	302.17		x		90	10	1															5	1																							carbonate chalk
171	1052	E	18	R	3	30	302.31	x		10	80	10	1		2									1				2										4	3		1		1									nannofossil chalk with foraminifers
171	1052	E	19	R	1	78	310.48		x	5	45	50			4		1				1			1								2						4	1											2		nannofossil claystone
171	1052	E	19	R	1	80	310.50	x		5	65	30		1	3						1			1								2						4	1											2		nannofossil chalk with clay
171	1052	E	20	R	3	90	323.20	x			40	60	1	1	5	1												2					1		1			4	2					2								nannofossil claystone
171	1052	E	21	R	1	102	329.92	x		4	56	40			4		1						1	1		1		2							2			5	2													clayey nannofossil chalk
171	1052	E	21	R	2	123	330.13	x		8	52	40	2		4								1	1		2		2	1						2			5	2		1			1								clayey nannofossil chalk
171	1052	E	22	R	1	69	339.29		x	5	60	35	2		4		1	1								1		2					1		2			5	2					1								clayey nannofossil chalk
171	1052	E	23	R	CC	13	386.79	x		5	70	25			4											2												5	2													clayey nannofossil chalk
171	1052	E	23	R	2	66	350.46	x		5	85	10			3											2												5	2		1											nannofossil 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	Clay	Mica	Biotite	Muscovite	Chlorite	Rock Fragments	Volcanic Glass	Accessory minerals	Heavy Minerals	Glauconite	Phosphate	Zeolites	Clinoptilolite	Carbonate	Dolomite	Calcite	Micrite	Opaque	Fe Oxide	Mn oxide	Pyrite	Amphibole	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	1052	E	24	R	2	100	354.67	x		5	70	25	1		3											1		2	1									5	2												1	nannofossil chalk with clay
171	1052	E	25	R	1	25	367.75	x		5	40	55	2		5						1		1					2				1	1				1	4	3					1							nannofossil claystone with foraminifers
171	1052	E	26	R	1	70	377.80	x		5	45	50	1		4			1			1	1		1		1		2				2					1	4	2												nannofossil claystone
171	1052	E	26	R	3	118	381.28	x		8	40	52	1		4									1		2		2				2					2	4	2								1				nannofossil claystone
171	1052	E	27	R	1	136	388.06	x		20	40	40	2	2	5									1		2		3					1					2	3												claystone with foraminifers and carbonate grains
171	1052	E	27	R	2	110	389.30	x		40	30	30	1		2											2		5										3	4												foram carbonate chalk with nannos
171	1052	E	27	R	5	80	393.50	x		20	40	40			4											2		4											3												carbonate claystone with foraminifers
171	1052	E	28	R	1	50	396.80	x		5	65	30	1		4		1							1		2		3										4	2		1		1					1			clayey nannofossil chalk with carbonate grains
171	1052	E	28	R	2	30	398.10	x		5	65	30	1		4		1									2		2										4	1				1								clayey nannofossil chalk
171	1052	E	29	R	1	70	406.60	x		5	50	45			4									1								1						4	2												nannofossil claystone
171	1052	E	29	R	2	145	408.85		x	20	50	30			4									1				3				2						4	2												nannofossil claystone with carbonate grains
171	1052	E	29	R	5	110	413.00	x		10	30	60			5						1			1														3	2												claystone with calcareous microfossils
171	1052	E	30	R	2	145	418.45	x		10	50	40	1		4											2		2										4	1												nannofossil claystone
171	1052	E	30	R	3	85	419.35	x		5	55	40	1		4									1		1							1					4	1					1							nannofossil claystone
171	1052	E	31	R	2	142	428.02	x		30	35	35	1		5											1									1			4	2					3							nannofossil claystone with shell debris
171	1052	E	31	R	5	40	431.50	x		20	50	30	1		4											1				1		1			1			4	2					2							nannofossil claystone
171	1052	E	33	R	1	53	444.83	x		20	40	40			5											2		3					1					2	2					2							carbonate claystone
171	1052	E	33	R	1	72	445.02		x	10	40	50	1		5			1								3		3							1			2	3					2							claystone with foraminifers, carbonate grains, and zeolite
171	1052	E	33	R	1	120	445.50	x		30	40	30			4											2			3						1			3	4					2							foraminiferal claystone with nannofossils
171	1052	E	34	R	1	120	455.10		x	20	30	50	1		5		1									2		3										4	1			1	3								nannofossil claystone with shell debris and carbonate grains
171	1052	E	34	R	2	31	455.71	x		10	50	40	1		4		1							1		1		3										4	2					2							nannofossil claystone with carbonate grains
171	1052	E	35	R	2	77	465.87	x		5	55	40			4											1		2				2						4	2												nannofossil claystone
171	1052	E	36	R	1	28	473.48	x		2	68	30			3													3	1									5	3											1	nannofossil limestone with foraminifers and clay
171	1052	E	36	R	1	75	473.95	x		2	78	20			1						1							4	1		3							2	3										3		micritic limestone with foraminifers and calcispheres
171	1052	E	36	R	2	113	475.83		x	2	73	25			2													4	1		3								2										3		micritic limestone with foraminifers and calcispheres
171	1052	E	36	R	3	42	476.62		x		30	70			5													5	1		4								1										2		carbonate claystone
171	1052	E	36	R	4	20	477.90	x		25	45	30	1		4													5	1									2	4										1		foraminiferal clayey limestone
171	1052	E	36	R	4	99	477.69	x			60	40			3													3	1		2							4	3										1		nannofossil limestone with clay, carbonate, and foraminifers
171	1052	E	37	R	1	66	483.46		x		30	70	1		5													2				2					3	3	2						2		1			1	calcareous claystone with opal and nannofossils
171	1052	E	37	R	1	78	483.58		x		80	20			3													4			3							1	1										2		limestone with clay
171	1052	E	38	R	1	26	492.66	x		5	75	20	2		3			1					1	1				2				2						4	1								1		1		nannofossil limestone with clay
171	1052	E	38	R	1	72	493.12	x		5	80	15	1		3			1					1					4				1						1	1										3		micritic limestone with clay and calcispheres
171	1052	E	39	R	3	82	505.82	x		10	65	25	2		3			1						1		1		2				2						4	2										2		nannofossil limestone with clay
171	1052	E	39	R	5	46	507.96	x		5	40	55	2	1	4			2						1		1		2							2		1	2	2								2				silty claystone
171	1052	E	39	R	5	121	508.71		x	20	25	55	2		4			2						2				2				2						3	3									2				claystone with nannofossils and foraminifers
171	1052	E	40	R	4	23	515.33	x		0	70	30			5		1				1					3		1	2				2		2			4	2						1		2		1		nannofossil claystone with zeolite
171	1052	E	40	R	4	42	515.52	x		0	60	40			5		1	1						1	1	2			1						1			3	1						2		3				claystone with organic remains and nannofossils
171	1052	E	41	R	4	13	524.93	x		10	30	60			5										1			4							2			3	1				1								carbonate claystone with nannofossils
171	1052	E	41	R	6	27	528.07	x		5	35	60			5		2						1	1	1							3						4	2												nannofossil claystone with pyrite
171	1052	E	42	R	1	100	530.90	x		20	40	60	3	2	5		1		2				1	1				3										2	1					2							claystone with quartz silt and carbonate grains
171	1052	E	42	R	2	26	531.66		x	0	50	50	2	1	4	1												5	1						1									2				1			clayey limestone
171	1052	E	42	R	4	41	534.81	x		15	35	50	3	3	5				2			1	1	1				2	1			2						2	1					2				2			claystone with quartz and feldspar silt and calcareous microfossils
171	1052	E	43	R	1	100	540.50	x		5	60	35	2	1	4			2						1				2				1						3	1			1									claystone with nannofossils
171	1052	E	43	R	7	40	548.84		x	5	25	70	2	1	5			1						1				2				1						3	1			1									claystone with nannofossils
171	1052	E	44	R	2	70	551.30	x		20	20	60			5		1							1				4				2						2	2												carbonate claystone
171	1052	E	44	R	3	76	552.86		x	5	60	35			4								1	1				4																							carbonate claystone
171	1052	E	44	R	4	144	555.04		x	5	35	60			5		1							1				2				2						2	1								2				claystone with calcareous microfossils
171	1052	E	45	R	1	45	559.15	x		10	60	40	3	1	4			1					1					5											3					2			2				clayey limestone with foraminifers
171	1052	E	45	R	1	79	559.49	x		5	50	55	3	2	5		1	1	2				1					4	1				1					2	2					2			2				carbonate claystone with quartz silt
171	1052	E	45	R	2	14	560.34	x		30	30	40	3	2	5		1	2	1	1			1	1				3	1									2	3					3							claystone with carbonate, foraminifers, quartz silt, and shell debris
171	1052	E	45	R	2	36	560.56	x		5	45	50	2		4				2							2		2	1			2			2			3	1			1					3				silty claystone with organic remains and nannofossils
171	1052	E	46	R	2	14	569.40	x		20	30	50	1	2	5	1												3	1			1	1		1			1	1					1							claystone with carbonate grains
171	1052	E	46	R	3	17	570.93	x		20	30	50	1	2	5							1						3	1				1		1			2	1					1			1				claystone with carbonate grains

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