

Sample number							Impor	Size			Composition													Fossils								Sediment or rock Name	Comments																				
Leg	Site	H	Core	T	Sec	cm	msbf	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	Irregular	Iron oxide	other	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified										
170	1040	B	20	X	5	97	168.37	NLG	X		T	C	A		T	T	C																																			Dark olive green silty clay with ash	Very organic-rich. Rock fragments are pumice; clay in peloids. Glass mostly clear; some brown.
170	1040	B	20	X	6	16	169.06	PV	X				A		C									A																												Concretion of zeolites and pyrite	Zeolite = clinoptilolite
170	1040	B	20	X	6	103	169.93	NLG	X			C	A		C	C	0										C	C	C			T	T					T												Grayish green silty clay with ash			
170	1040	B	21	X	1	82	171.82	PV+N	X			T	A		T	C	A		C	T			T	C			T	C		T		T	T		T	T														Olive green calcareous clay	burrow fill		
170	1040	B	21	X	5	60	176.97	PV	X			T	A		T	C	A		C				T											C	T															Silty clay with ash			
170	1040	B	22	X	2	100	183.10	PV	X			T	A		T	T	A		T			T						T	T	T				T	T																Dark green clay		
170	1040	B	22	X	4	19	185.29	PV	X	T	T	A	C		C	C	A	T				T					T	T									T	T												Silty clay with lithic-vitric ash			
170	1040	B	22	X	3	115	184.75	PV	X			C	A						C	T								C	C			A																			Light yellow-brown nannofossil ooze		
170	1040	B	22	X	4	74	185.84	PV	X		T	T	A		C		C	C	T			T						T	C	T					T																Olive green clay		

Note: H = Hole, T = Type, Sec = Section, Impor = Importance, A+ = Very abundant, A = Abundant, C+ = Very common, C = Common, C- = Somewhat common, T+ = Strong traces, T = Trace, Blank box = not observed.

Sample number		H	Core	T	Sec	cm	msbf	Described by	Impor	Major lithology	Size			Composition													Fossils										Sediment or Rock Name	Comments				
Leg	Site										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	Irregular	Iron oxide	other	Nannofossils	Foraminifers	Diatoms			Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris
170	1040	C	1	R	2	65	161.45	OMS	X																															Clayey silt		
170	1040	C	1	R	5	122	166.52	MM	X			A																												Vitric ash		
170	1040	C	1	R	4	43	164.23	MM	X			T	T+	A																										Clay with glauconite	tephra	
170	1040	C	2	R	2	66	170.96	OMS	X			C	A																											Silty clay		
170	1040	C	2	R	4	83	174.13	OMS	X			C	A	A																										Silty clay		
170	1040	C	2	R	3	86	172.66	HT	X			C	C	A																										Sandy silty clay		
170	1040	C	3	R	1	65	179.05	MM	X			C	A	T																										Crystal vitric ash	tephra, polycrystalline quartz	
170	1040	C	3	R	4	96	183.86	OMS	X			T	C	A	T																									Sandy silt		
170	1040	C	3	R	2	94	180.84	OMS	X			C	A	C	T																									Crystal-lithic ash with glauconite		
170	1040	C	4	R	3	3	191.03	MM	X			C	A	A																										Clayey vitric ash		
170	1040	C	4	R	3	113	192.13	MM	X				C	A	T																									Dark olive green silty clay		
170	1040	C	4	R	2	55	190.05	MM	X				C	A	T																									Dark olive green silty clay with vitric ash		
170	1040	C	5	R	1	38	197.98	JRG	X			T	C	A	T																									Dark olive green silty clay with vitric ash		
170	1040	C	5	R	5	120	204.80	JRG	X				T	A	T																									Light olive green dolomitic ashy clay	Volcanic glass is clear, brown	
170	1040	C	5	R	6	6	205.16	JRG	X			T	C	A	T																									Dark gray silty clay with phosphatic peloids		
170	1040	C	6	R	1	22	207.52	JRG	X				T	A	T																									Dark grayish green dolomitic clay with phosphatic peloids		
170	1040	C	6	R	1	132	208.62	JRG	X				C	A	T																									Dolomitic vein		
170	1040	C	6	R	2	12	208.92	JRG	X				C	A	T																									Light grayish green dolomitic clay		
170	1040	C	6	R	5	114	214.44	JRG	X				T	C	A	T																								Dark olive green silty clay		
170	1040	C	7	R	1	30	217.20	JRG	X				T	C	T																									Dark olive green silty clay with phosphatic peloids		
170	1040	C	7	R	3	70	220.60	JRG	X				T	C	A	T																								Ashy clay		
170	1040	C	7	R	4	16	221.56	JRG	X				C	A	T																										Light tan calcareous ooze with peloids	Aragonite (T)
170	1040	C	8	R	1	30	226.80	NLG	X				T	C	A	T																								Dark gray green silty clay with ash		
170	1040	C	8	R	1	65	227.15	NLG	X				T	C	C	T																								Dark gray lithic vitric ash		
170	1040	C	8	R	4	4	231.04	NLG	X				T	A	C																									Light gray crystal lithic vitric ash		
170	1040	C	8	R	4	120	232.20	NLG	X				T	C	A	T																									Olive green silty clay with ash	
170	1040	C	9	R	2	118	238.78	MM	X				T	C	A	T																									Olive green silty clay with ash	

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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	Glaucanite	Phosphate	Zeolites	Dolomite	Carbonate	Micrite	Opaque	framboid	Iron oxide			other	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified									
170	1040	C	9	R	6	101	244.67	MM	X			T	A	T	T	A	T	C	T	T				T	T	T																						Olive green clay with ash							
170	1040	C	9	R	6	122	244.88	MM	X			T	A			A				T																													Pale green calcareous clay with peloids						
170	1040	C	10	R	5	14	251.94	HT	X			T	C	A			C	A																																Brown silty clay					
170	1040	C	10	R	5	10	251.90	OMS	X			T	C	A	C	T	A		C	T	T																													Silty clay					
170	1040	C	10	R	2	65	247.95	OMS	X			T	A	C	T	T	C		A	C																														Silty clay					
170	1040	C	10	R	2	127	248.57	OMS	X			T	A	T	T	T	T																																	Clay with calcareous ooze					
170	1040	C	11	R	3	74	259.14	HT	X			T	C	A	C	C	A																																	Brown silty claystone					
170	1040	C	11	R	6	40	262.61	OMS	X			T	C	A	C	T	A																																	Silty claystone					
170	1040	C	12	R	1	36	265.46	P	X				C	A	T	T	A	T	C	T																															Dark olive green silty claystone				
170	1040	C	12	R	4	115	270.75	P	X				C	A	C	T	A	T	C	T																															Dark olive green silty claystone				
170	1040	C	13	R	1	3	274.73	P	X				T	A	T	T	T																																		Light brown dolomitic limestone				
170	1040	C	13	R	1	29	274.99	P	X				T	C	A	T	T	A		C	T																														Olive green silty clay				
170	1040	C	13	R	4	40	279.60	P	X				T	T	A	T	T	A		C	T																														Olive green silty clay				
170	1040	C	13	R	6	5	281.85	P	X				C	C	T	T	T		A	T																																Dark greenish gray lithic ash	T = augite?		
170	1040	C	14	R	1	13	284.53	P	X				T	A	C	T	C		C	T	T+																														Dark olive gray clayey silt				
170	1040	C	14	R	4	90	289.80	P	X				C	A	C	C	T	T	C	A	C	T																													Dark olive sandy silt with ash	Rock fragments are pumice with feldspar microlites			
170	1040	C	15	R	1	55	294.65	N	X				C	A	T	T	C		A	C																																Dark olive gray silty clay with ash			
170	1040	C	15	R	2	8.5	295.69	N	X				T	C	A	T	T	C		C	C																																Light olive gray silty clay with ash and peloids		
170	1040	C	15	R	2	93	296.53	N	X				T	C	A	T	C	C		C	C																																Dark gray silty clay with peloids		
170	1040	C	15	R	3	25	297.35	N	X				T	C	A		C	C		C	C																																Grayish brown dolomitic limestone		
170	1040	C	15	R	3	34	297.44	N	X				T	T	A	T	T	C		T	T																																Dolomitic calcareous clay with peloids		
170	1040	C	15	R	6	110	302.70	N	X				T	C	A		A	C																																			Olive green ash-rich clay		
170	1040	C	16	R	2	104	306.24	P	X				T	T+	A	T	T	A	T	A	T																																Dark olive green silty clay		
170	1040	C	17	R	CC	4	317.37	JM	X				T	A	T		A																																				Med. gray clay with volcanic glass		
170	1040	C	17	R	1	71	314.01	OMS	X				T	C	A	C	T	A		C	C																																Med. gray silty clay		
170	1040	C	18	R	1	40	323.40	JM	X				T	C	A	T	T	A		A	C																																Dark gray silty clay with volcanic glass		
170	1040	C	18	R	3	87	326.87	JM	X					C	A	T	T	A		C	C																																	Dark gray silty clay with volcanic ash	

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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	Iron oxide	other	Nannofossils	Foraminifers			Diatoms	Radiolarians	Silicoflagellates	Sponge Spicules	Shell debris	Fish remains	Peloids/pellets	Organic matter	unidentified								
170	1040	C	42	R	2	71	555.91	P	X			C	A							T	T									C	T				A	T	C	T	T							Ivory siliceous nannofossil chalk							
170	1040	C	42	R	3	55	557.25	P	X			A	C	T	T	T				C-	C-									T	T				A	T	C	T	T									Yellowish gray nannofossil chalk with diatoms and ash					
170	1040	C	42	R	4	70	558.90	P	X			T	A							T	T									T					A	T	C	T	T									Yellowish gray siliceous nannofossil chalk					
170	1040	C	43	R	1	46	563.86	JRG	X			T	A							T										T	C				A	T	A		T									Ivory white siliceous chalk					
170	1040	C	43	R	2	68	565.58	P	X		T	A	C							T		T							C		T			C	T	A	T	T											Diatom spiculite with nannofossils				
170	1040	C	43	R	3	138	566.28	P	X			T	A	T						T										T					C	T	A	T	T										Yellowish brown diatomite with nannofossils				
170	1040	C	43	R	4	22	568.12	JRG	X		T	T	A							T										T	T				A	T	C	T	T										Black nannofossil chalk with diatoms				
170	1040	C	44	R	1	48	573.58	P	X		T	A	C	T	T					T	C									C	T	T	T		C	T	C	T	T	T									Dark greenish gray calcareous diatomite with vitric ash	Other=pyroxene? Some brown, mostly clear glass			
170	1040	C	44	R	2	99	575.59	P	X			T	A							T	T									T	T				A	T	C	T	T										Ivory siliceous chalk				
170	1040	C	45	R	4	6	577.66	P	X			T	A	T	T	T	T														T					C	T	C+	T	T										Light olive green diatomite with nannofossils			
170	1040	C	47	R	4	94	607.34	HJT	X			C	A								C									C	T	T			A	T	C	T	T										Medium green nannofossil chalk with diatoms				
170	1040	C	45	R	1	46	583.16	OMS	X		C	C	A	T						T									C	C	T			A	-	C	A	T	T										Ivory white diatomaceous chalk				
170	1040	C	45	R	3	117	586.87	OMS	X			C	A	T						T										C	T	T	T		C	T	C		T											Brown calcareous diatomite			
170	1040	C	45	R	4	36	587.56	NL	X		T	C	A							T										C	T	T	T		C	+	C	A		T									Yellow brown diatomite with nannofossils				
170	1040	C	45	R	4	115	588.35	MM	X			C	A	T	T					C															A	T	A	C		C											Diatomite with nannofossils		
170	1040	C	46	R	1	47	592.77	OMS	X		T	C	A	T						T	T									C	C				C	C	C	+	C												Tan diatomaceous chalk		
170	1040	C	46	R	2	84	594.64	OMS	X			C	A							T	T									C	A	T			C		C	+	T												Green diatomaceous chalk		
170	1040	C	47	R	3	20	605.10	JM	X				A							T															A	T	C	T	C											Ivory nannofossil chalk with siliceous microfossils			
170	1040	C	47	R	6	62	610.02	JM	X			C	A							C	C									T	T				A		C	C	C											Light grayish green siliceous nannofossil chalk with ash			
170	1040	C	48	R	2	106	614.16	JM	X			T	A							T															A	T	C	C	T											Variegated ivory siliceous nannofossil chalk			
170	1040	C	48	R	CC	11	621.43	JM	X			C	A	T	T					T	C														A		C	C	C											Med. gray siliceous nannofossil chalk			
170	1040	C	48	R	7	8	620.68	OMS	X			C	A	T						T	T														C	A	T	T	T											Dark green diatomite with nannofossils			
170	1040	C	49	R	5	136	628.56	HJT	X		C	C	C	T	T					A															A		C	T	T	C										Vitric ash with nannofossils			
170	1040	C	49	R	3	90	625.10	HJT	X		C	A	C							C		C													C		C	C	C												Siliceous ooze cemented in glauconite sand (?)		
170	1040	C	50	R	2	63	632.93	JRG	X			T	A	T						T										C	T	T			A	T	C		T												Ivory white siliceous chalk	volcanic glass is clear	
170	1040	C	50	R	2	39	632.69	JRG	X			C	A							T															C	T	A		T												Brown diatom diatomite with nannofossils	volcanic glass is clear and light brown	
170	1040	C	50	R	5	52	637.32	JRG	X			T	A							T										C	T	T			A	T	C															Light green siliceous chalk	volcanic glass is clear and dark brown

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170	1040	C	51	R	1	121	641.61	JRG	X		T	T	A						T											C			A	T													Olive green nannofossil chalk with diatoms	olive green angular grains		
170	1040	C	51	R	2	71	642.61	JRG	X			C	A														C	C			A	T	T															Ivory white nannofossil chalk		
170	1040	C	51	R	3	95	644.35	JRG	X			C	A						T								C	T			C	T																Greenish gray nannofossil chalk	grain of zircon	
170	1040	C	51	R	4	95	645.75	NL	X		T	T	A		T	A											T				T	T																Greenish gray claystone		
170	1040	C	52	R	2	44	651.94	JRG	X			T	A						T								C	A			C	T																Olive green chalk	grain of zircon	
170	1040	C	52	R	1	64	650.64	JRG	X		T	C	T		T	T			C	C		T	T				T		T		C																	Dark green silt with lithic-vitric ash	grain of zircon	
170	1040	C	52	R	3	42	653.42	JRG	X			C	T	T	T				A																														Pale gray silt with devitrified glass (zeolites?)	grain of zircon