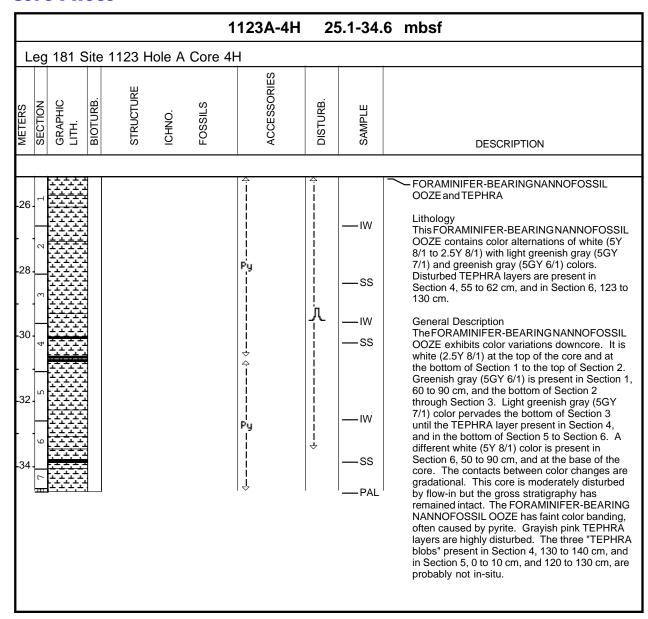
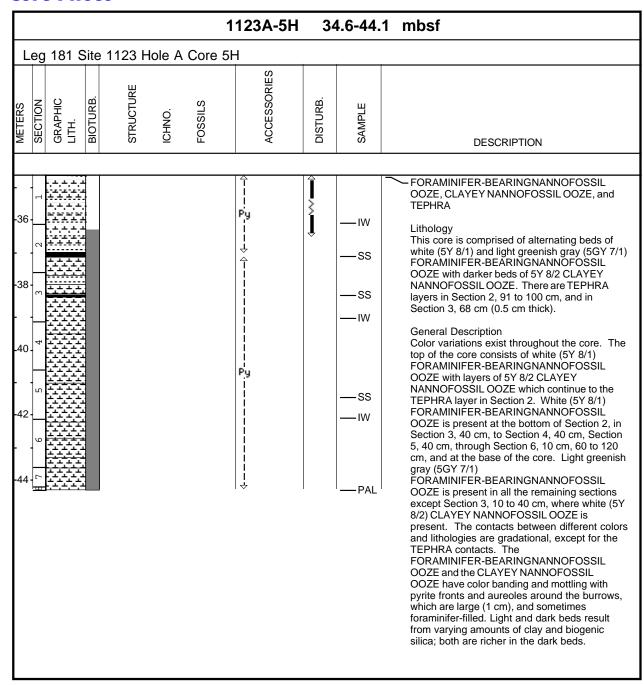
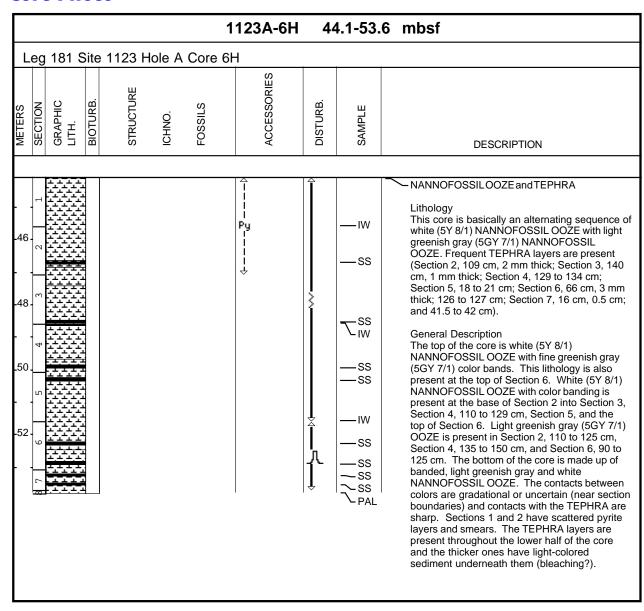
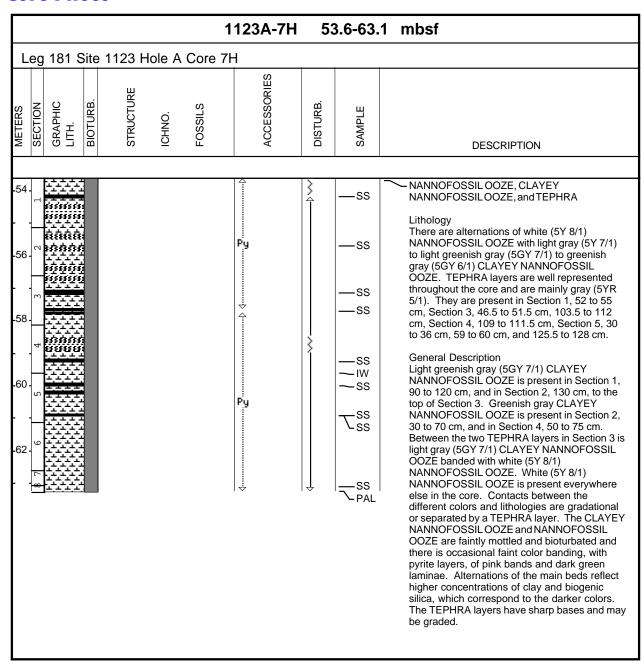


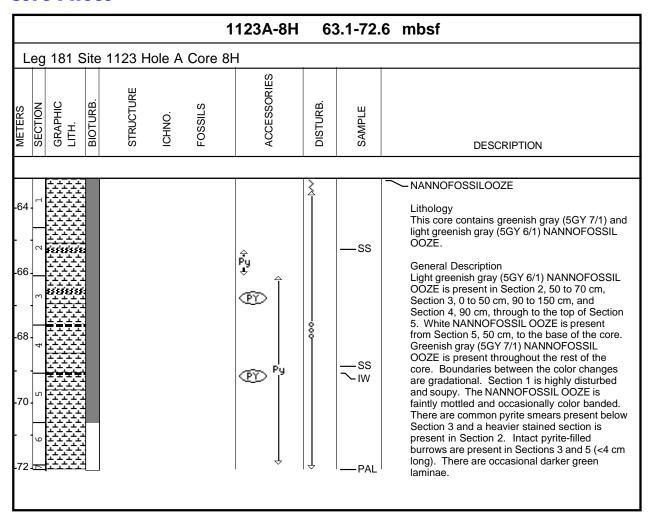
		1	123A-3H	15	5.6-25.1	mbsf						
Leg 181 Site 1123 Hole A Core 3H												
METERS SECTION GRAPHIC LITH. BIOTURB.	STRUCTURE ICHNO.	FOSSILS	ACCESSORIES	DISTURB.	SAMPLE	DESCRIPTION						
-16			Py	^- > }-	──IW ──IW ──SS ──SS	FORAMINFER-BEARINGNANNOFOSSIL OOZE and TEPHRA Lithology Light gray (5Y 7/1) to light greenish gray (5GY 7/1) and white (5Y 8/1) beds of FORAMINFER-BEARINGNANNOFOSSIL OOZE comprise this core. General Description The top 100 cm of this core are highly disturbed and composed of white (5Y 8/1) FORAMINFER-BEARINGNANNOFOSSIL OOZE. It becomes color banded in light gray (5Y 7/1) at the bottom of Section 1 through Section 2, where it changes back to white (5Y 8/1). Section 3, 65 to 130 cm, and Section 5, 75 cm, to the base of the core, is light greenish gray (5G 7/1) in color. The contacts between the colors are gradational. The FORAMINFER-BEARINGNANNOFOSSIL OOZE is faintly color banded with local pyrite staining. There is a pyrite layer in Section 4, 48 cm, and a dark green layer, possibly altered TEPHRA in Section 4, 66 cm.						

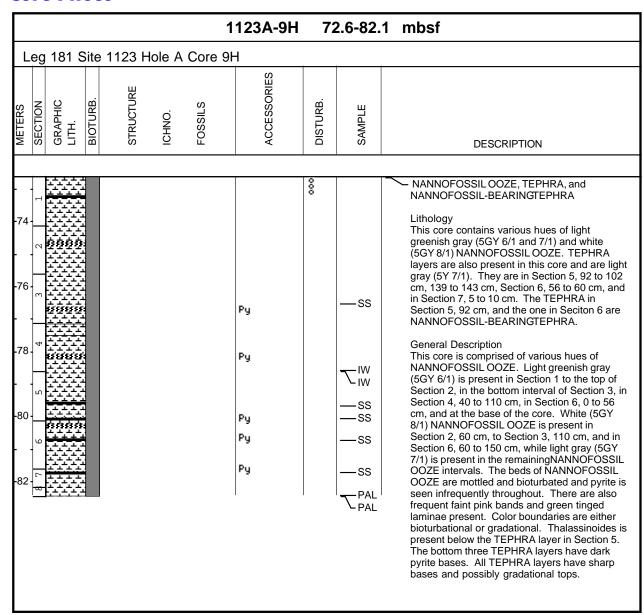


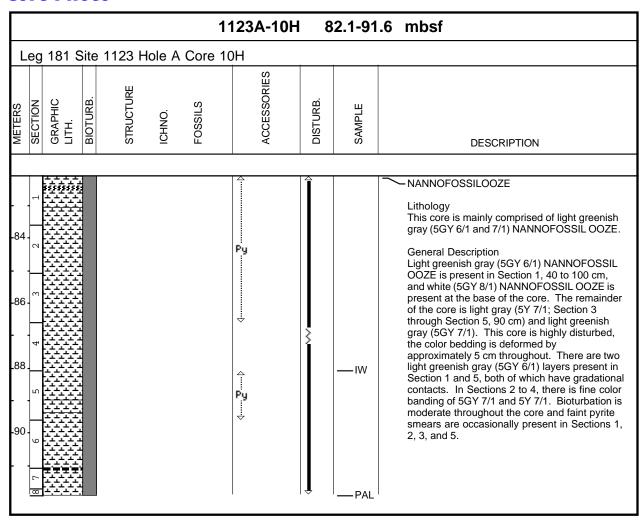


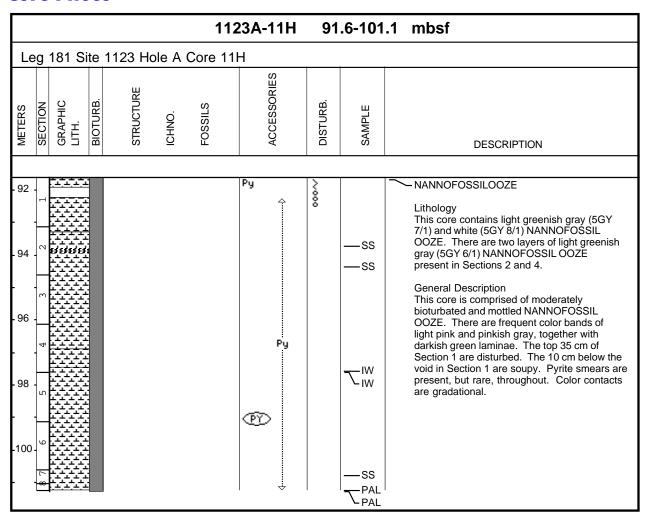


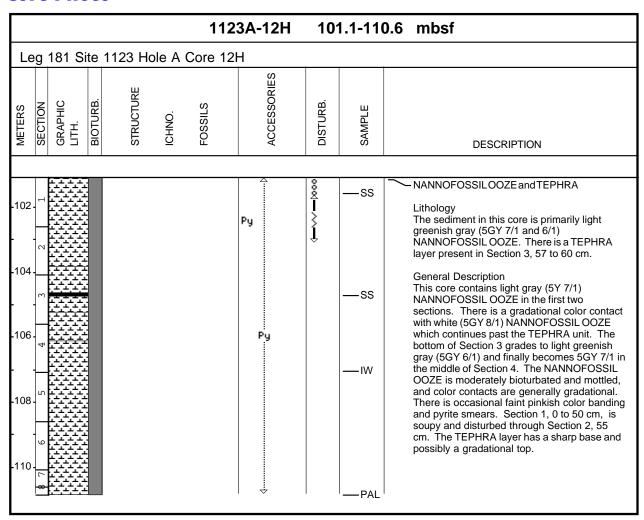


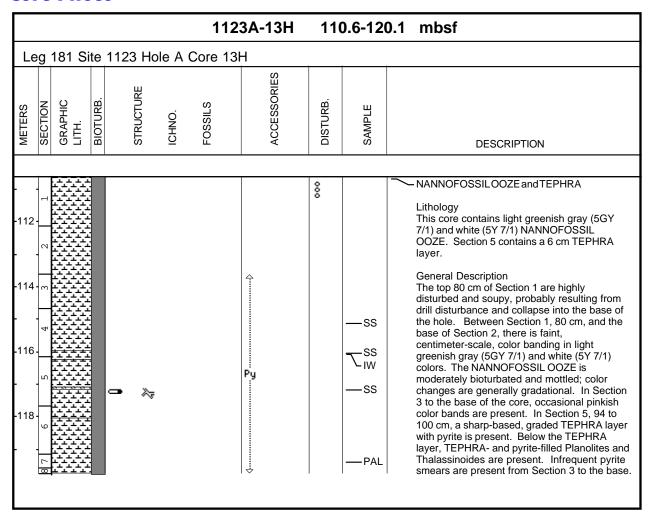


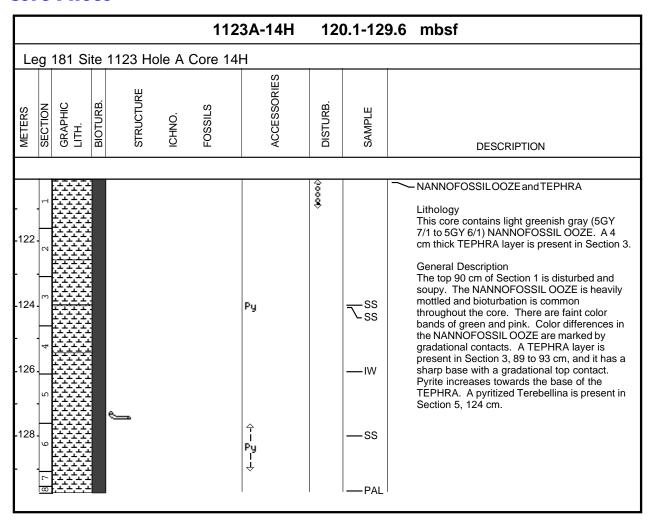


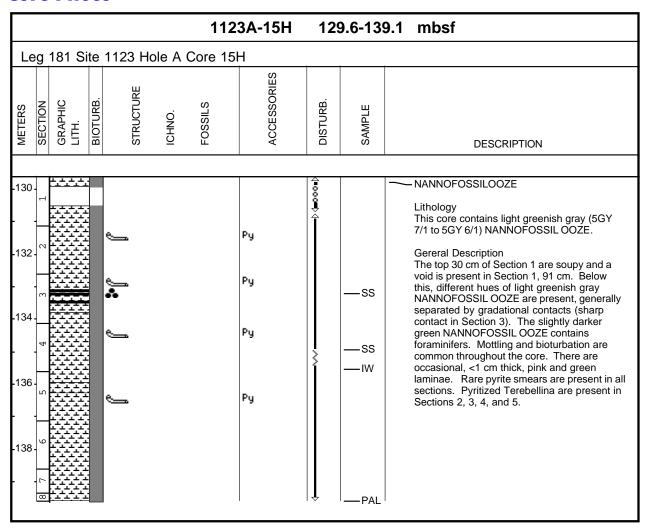


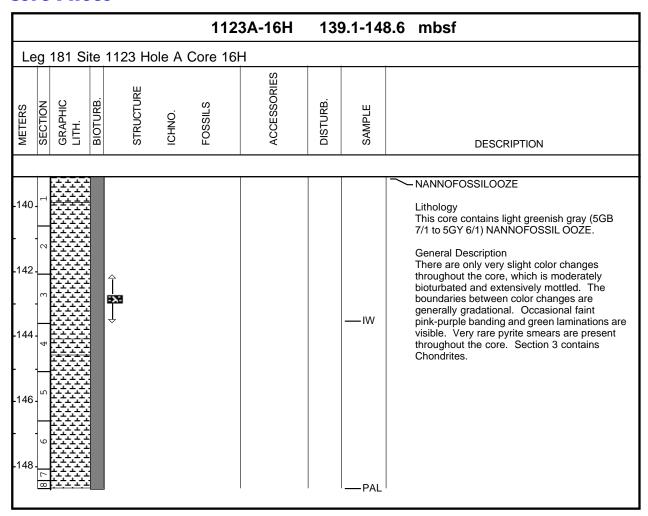


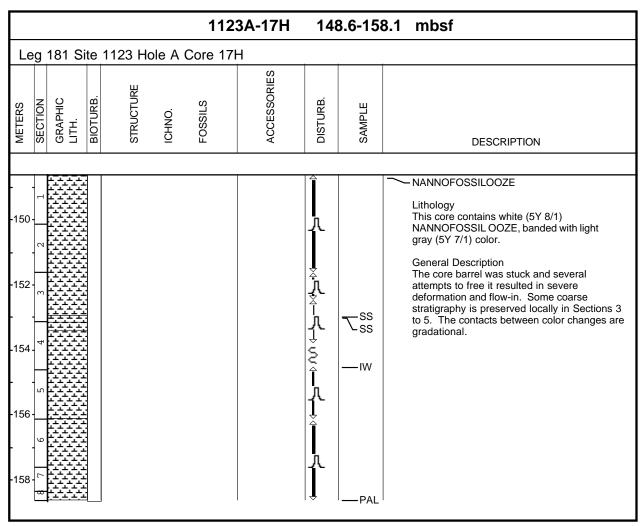




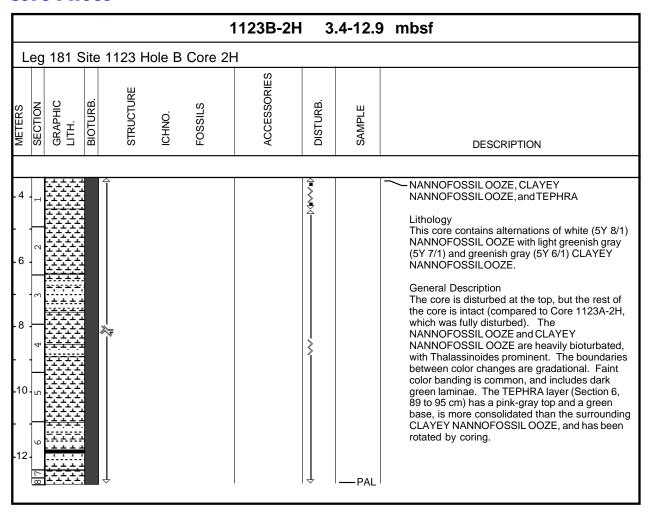


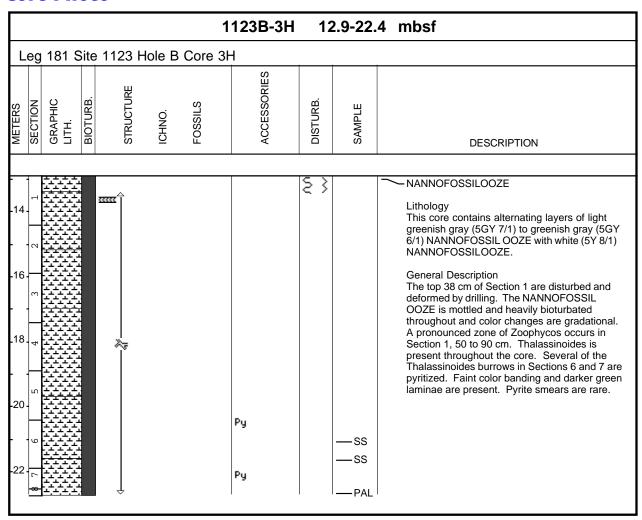


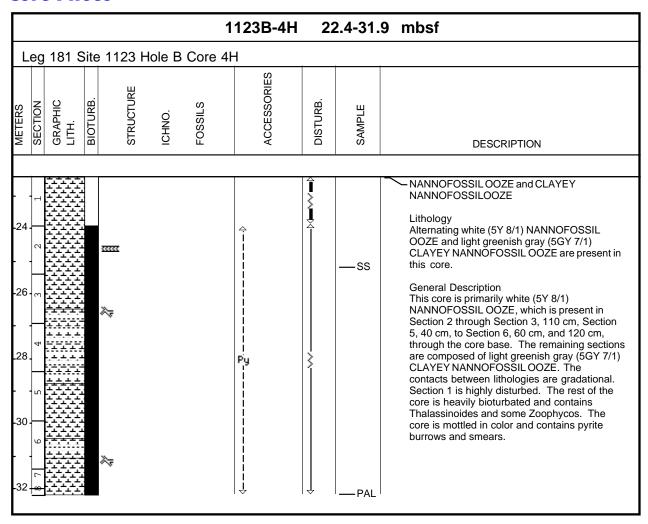


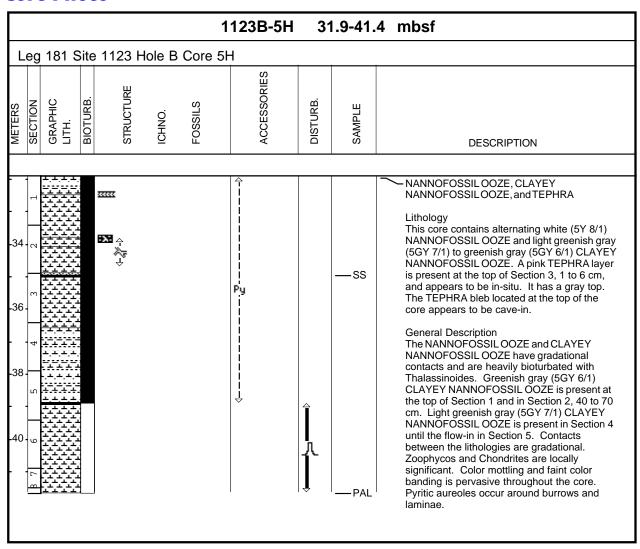


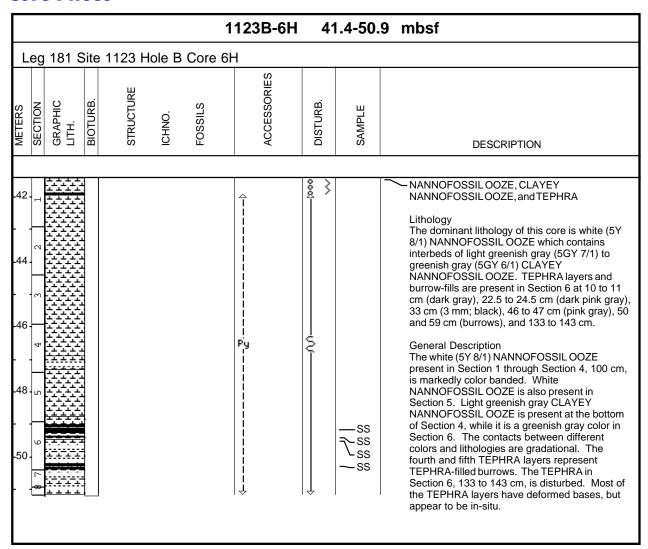
						1123B-	1H	0-3.4	mbsf
Le	g 181	Sit	e 1123	Hole I	3 Core 1	Н			
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ICHNO.	FOSSILS	ACCESSORIES	DISTURB.	SAMPLE	DESCRIPTION
-2 - 2								~SS —PAL	FORAMINIFER-BEARINGNANNOFOSSIL OOZE and TEPHRA Lithology This core contains light greenish gray (5GY 7/1) and greenish gray (5GY 6/1) FORAMINIFER-BEARINGNANNOFOSSIL OOZE with oxidized grayish brown (10YR 5/2) FORAMINIFER-BEARINGNANNOFOSSIL OOZE at the top. A 4 cm thick TEPHRA layer occurs in Section 2, 9 cm. General Description In the FORAMINIFER-BEARING NANNOFOSSIL OOZE, boundaries between color changes are gradational. The sediment is mottled, moderately pyrite stained, and heavily bioturbated, primarily by Thalassinoides (throughout the core) and Planolites (in Section 3). The pink (coarse) and white (fine) TEPHRA may be the Omotaroa Ash (~28 ka).

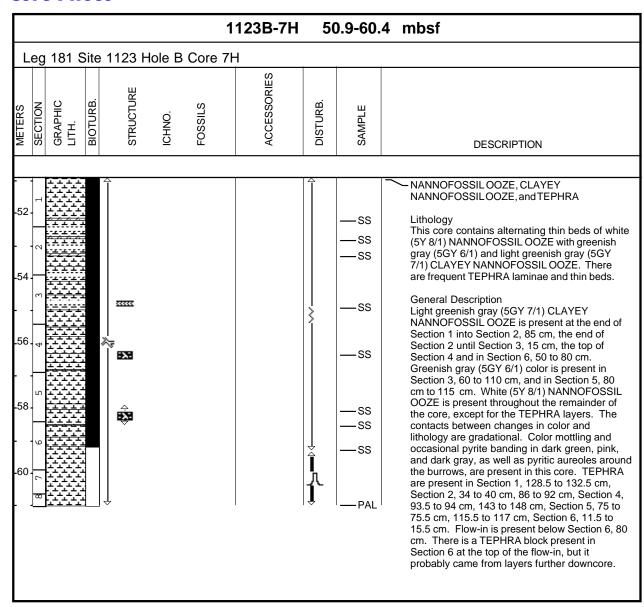


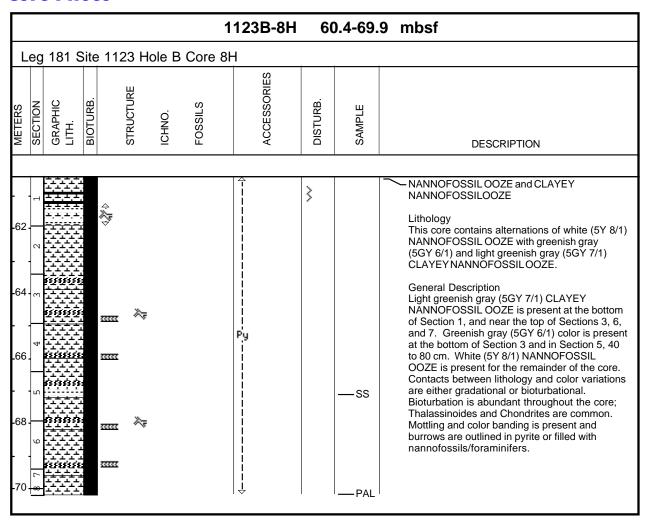


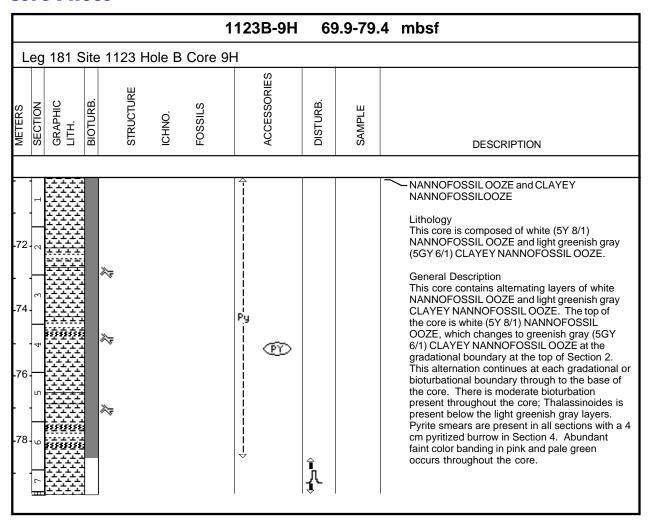


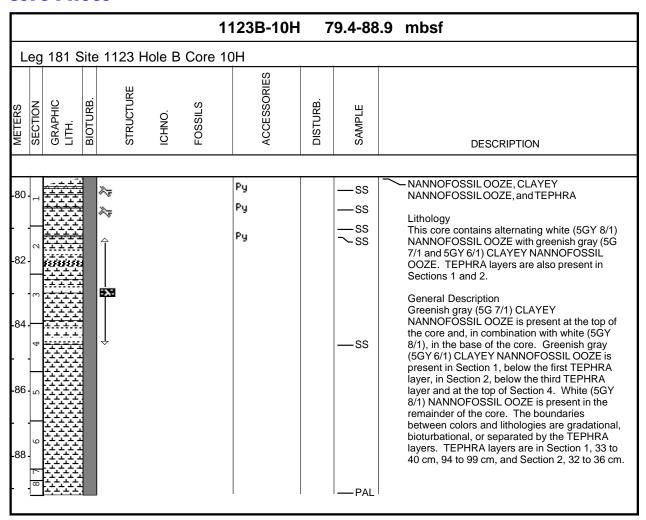


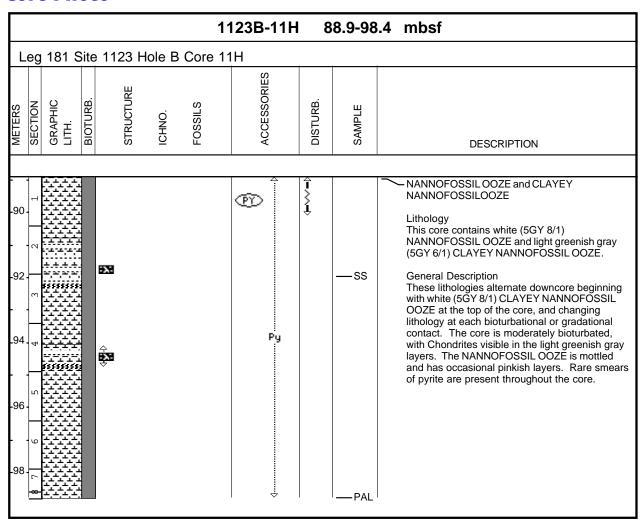


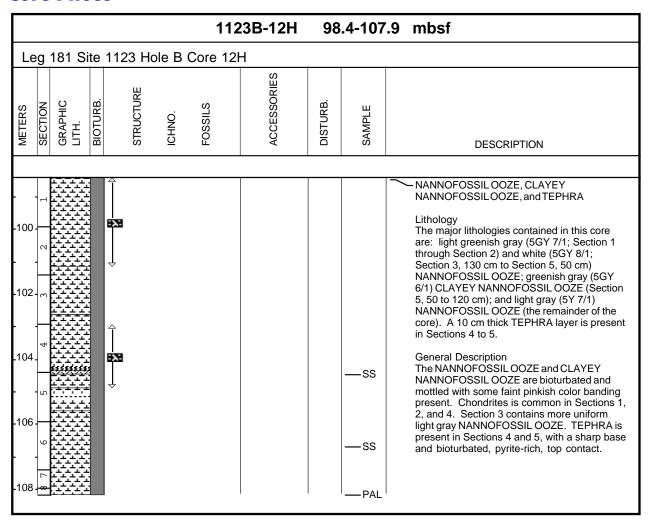


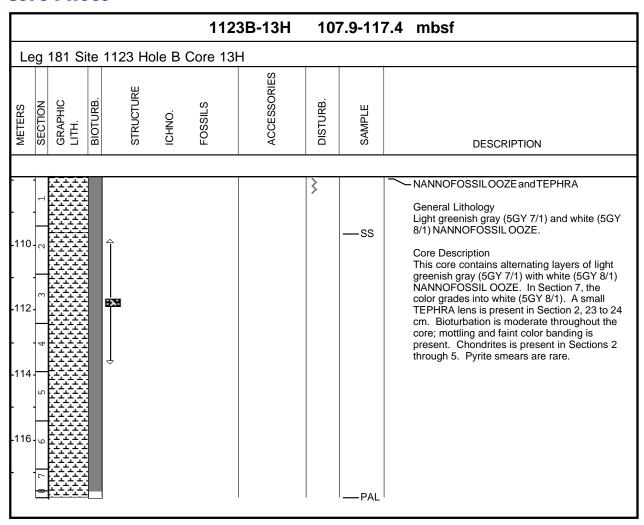


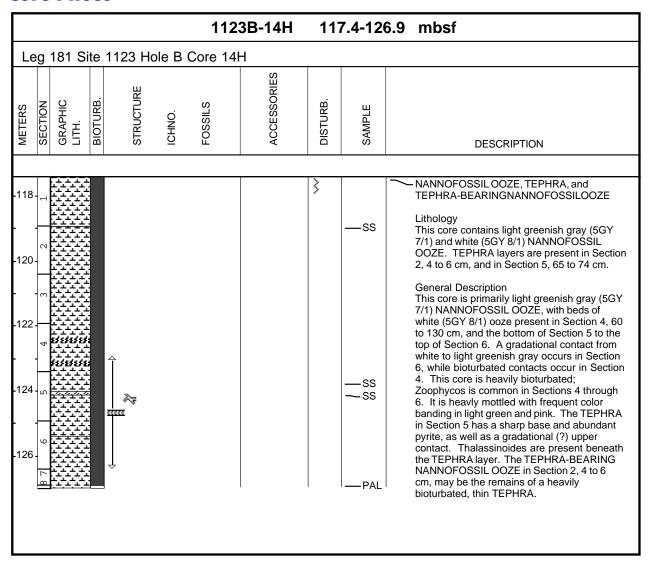


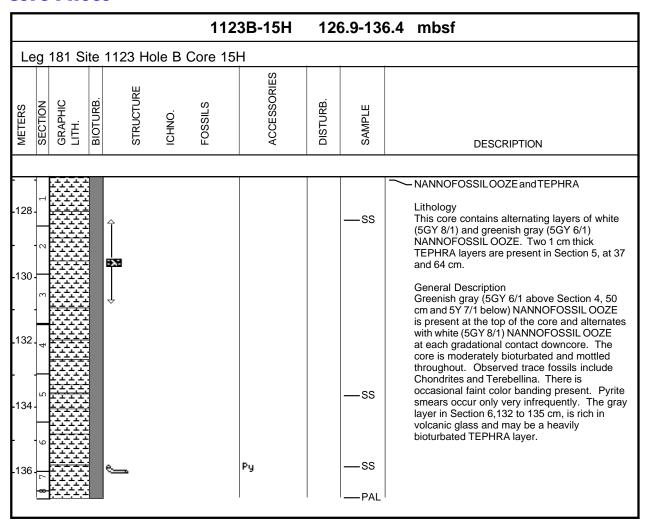


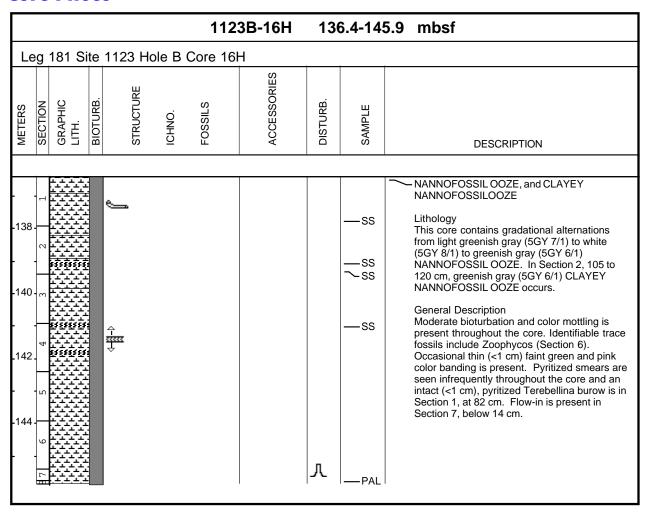


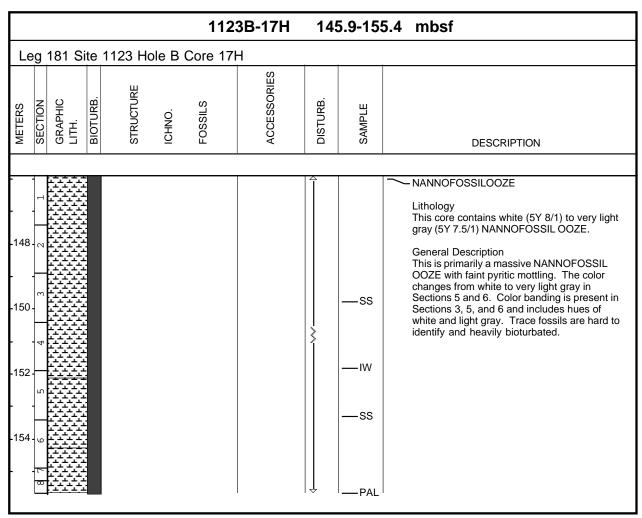


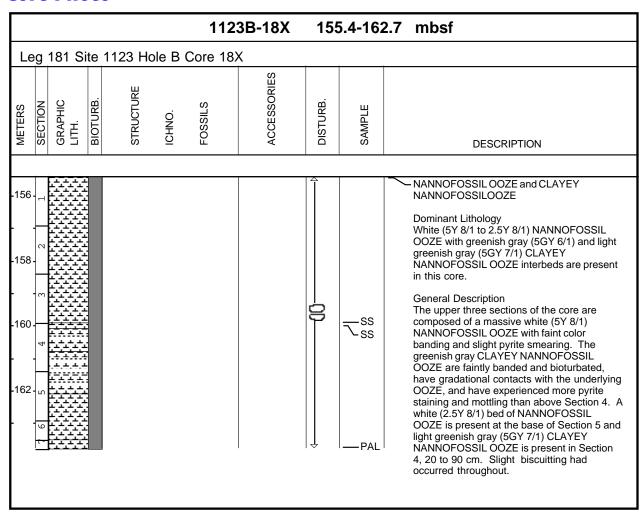


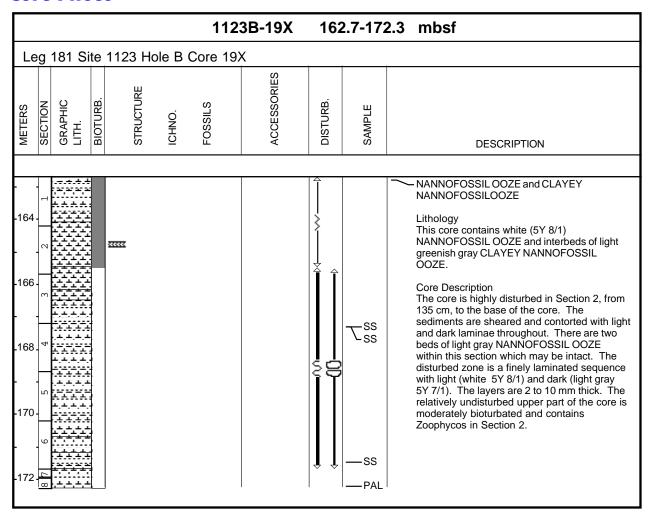


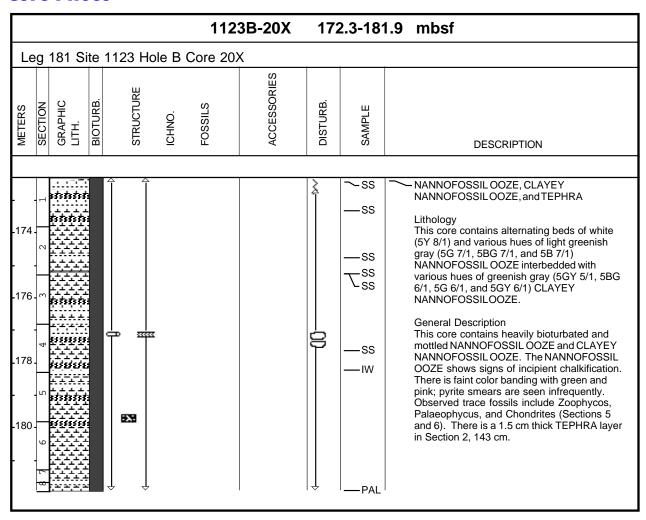


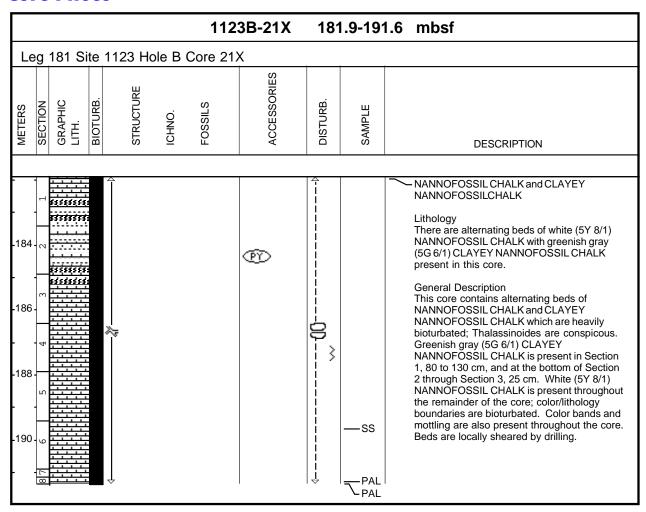


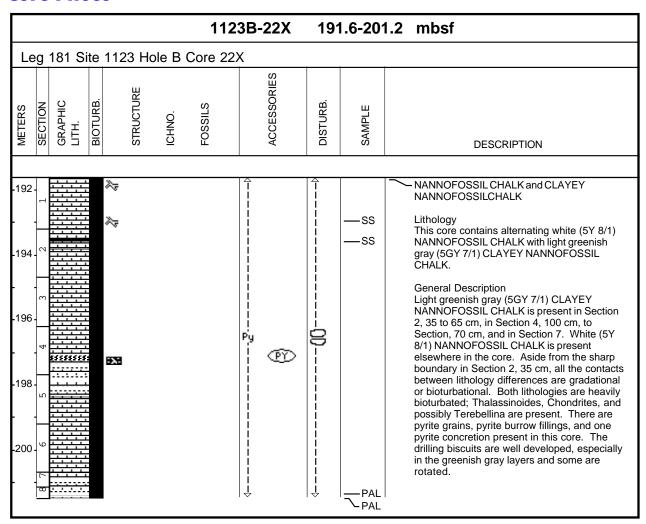


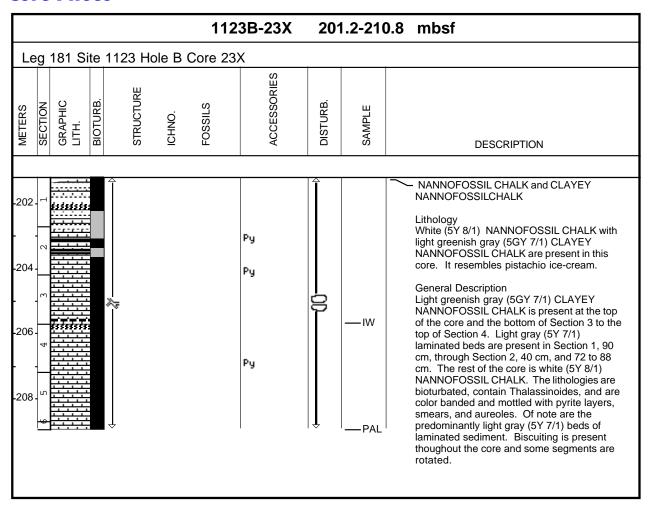


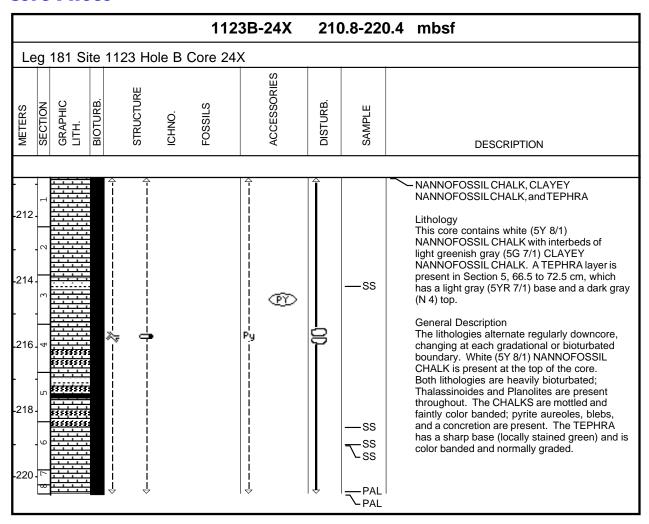


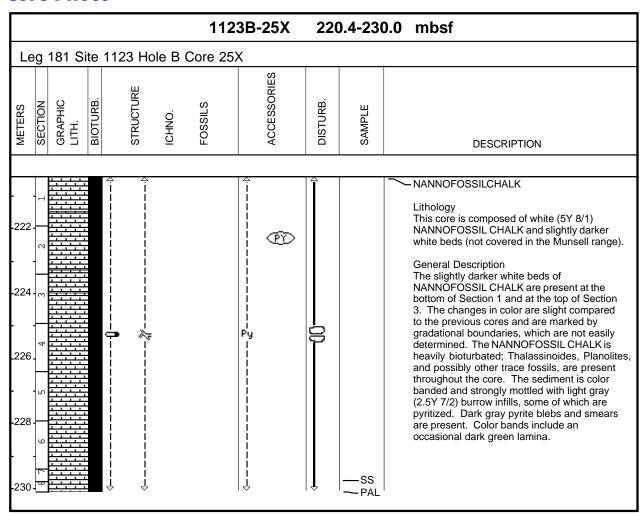


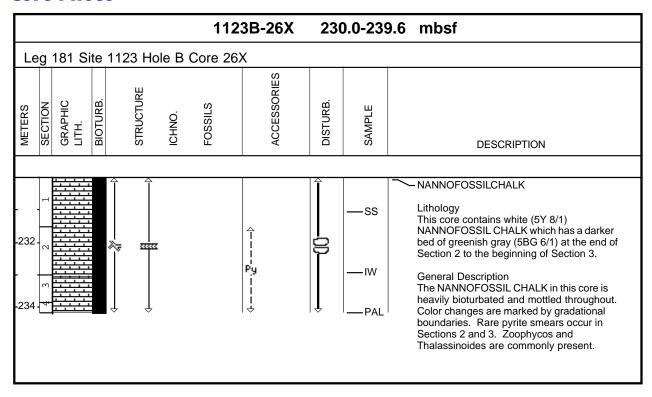


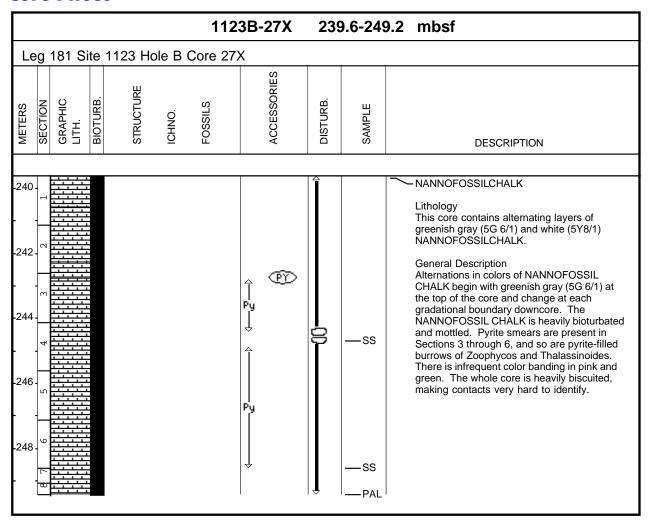


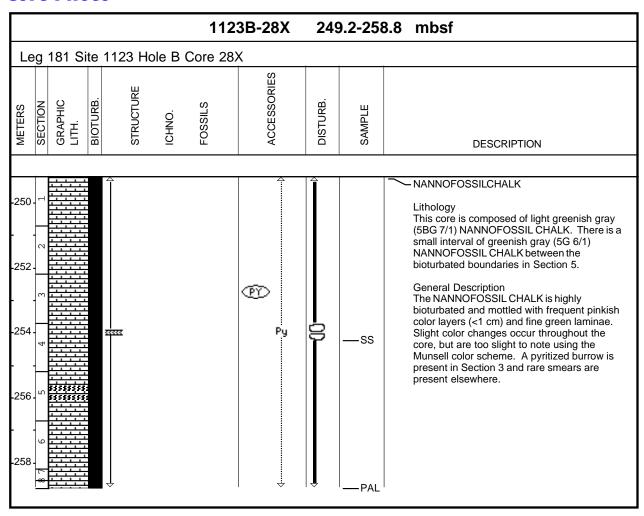


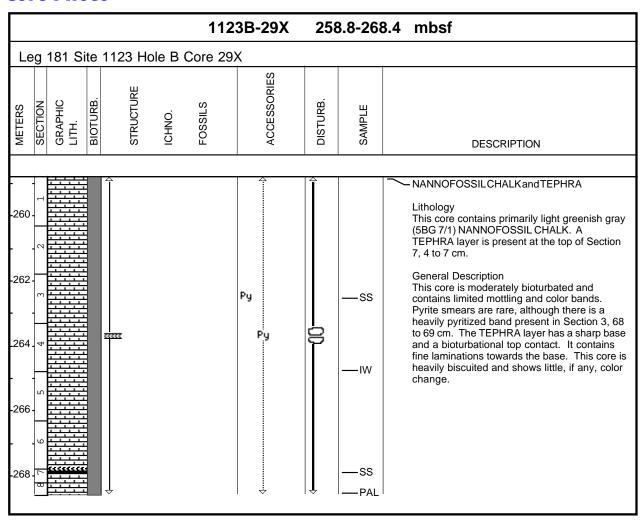


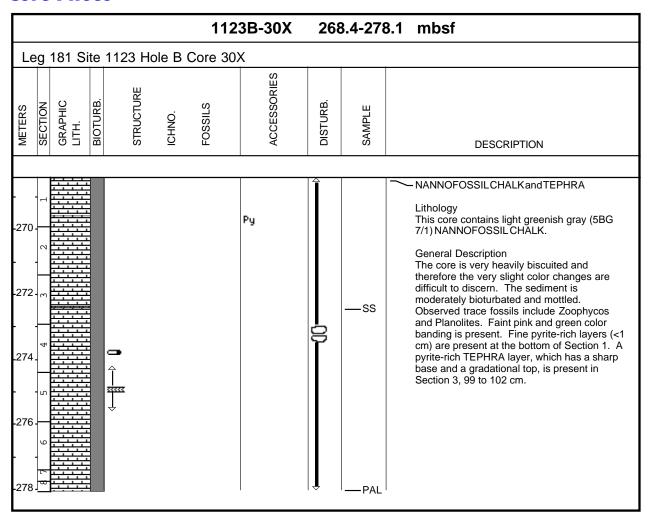


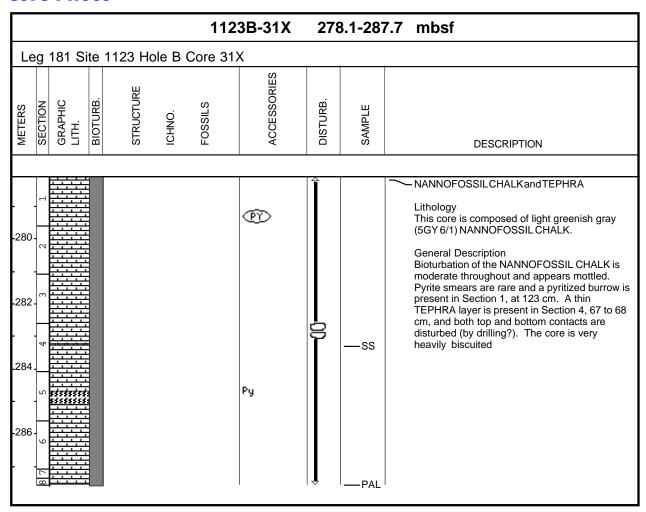


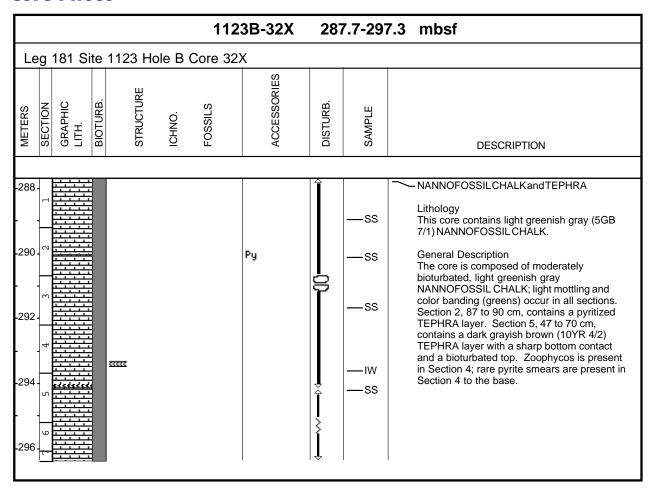


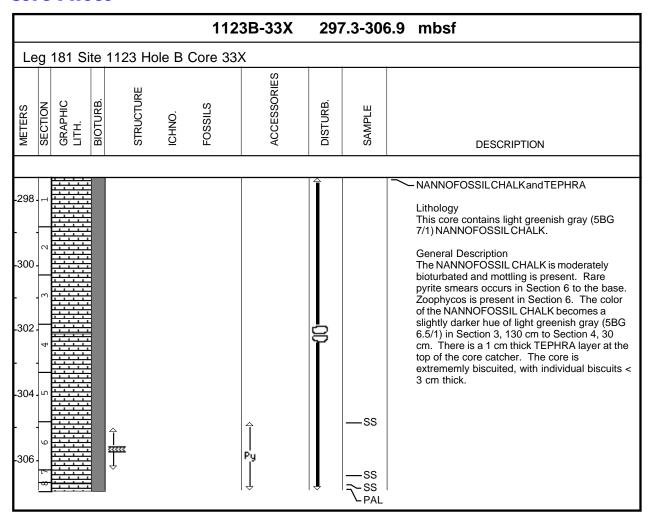


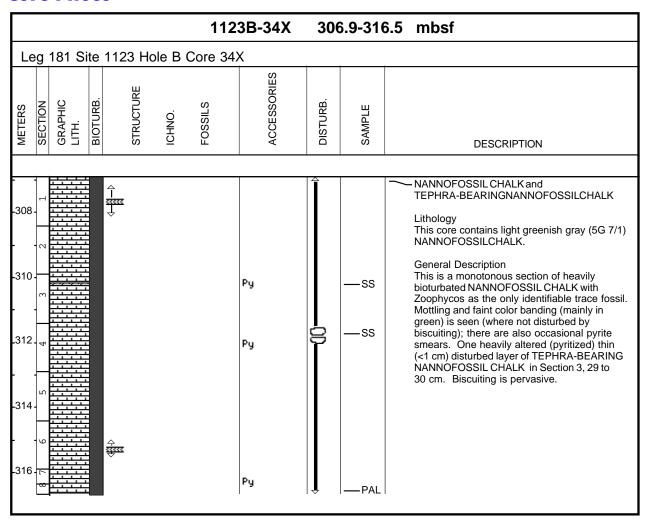


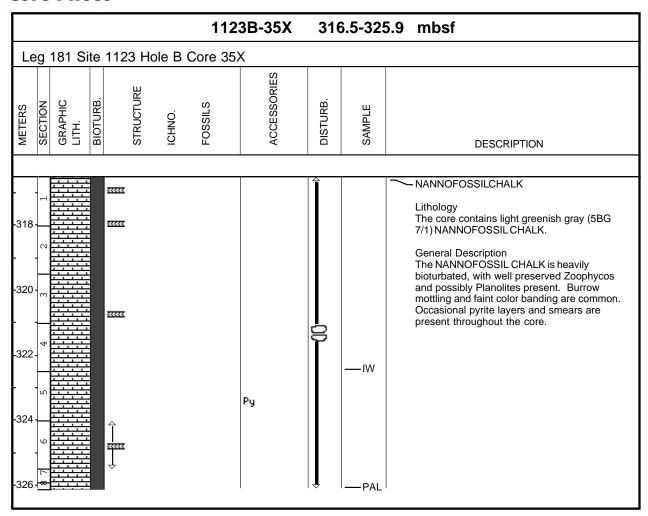


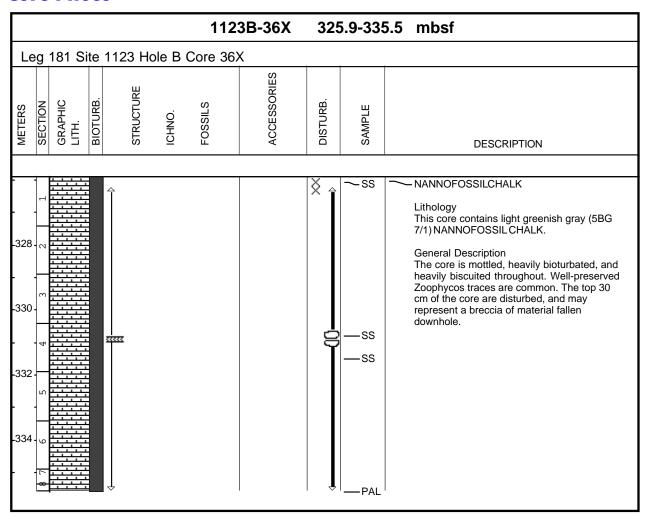


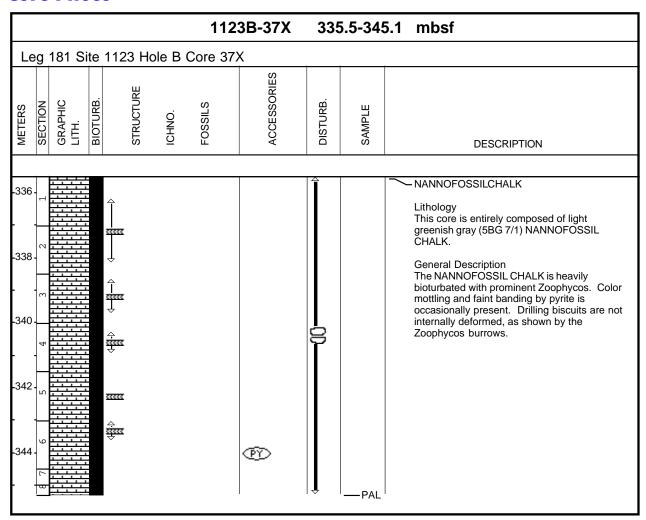


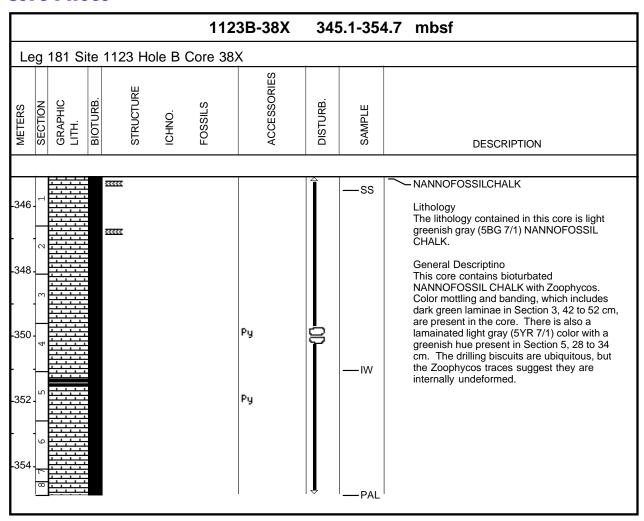


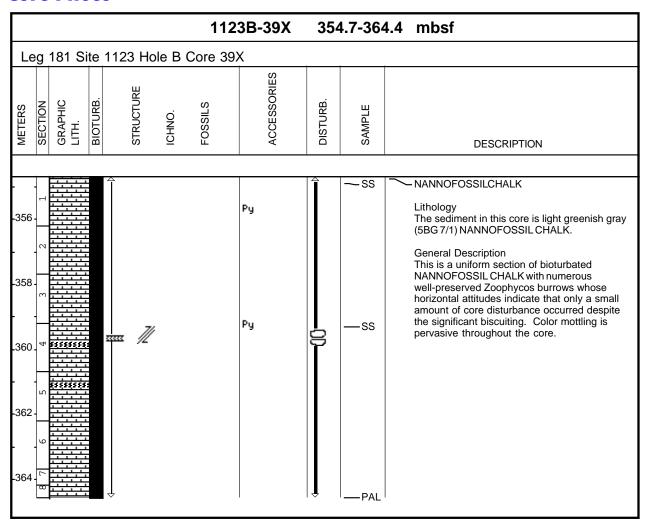


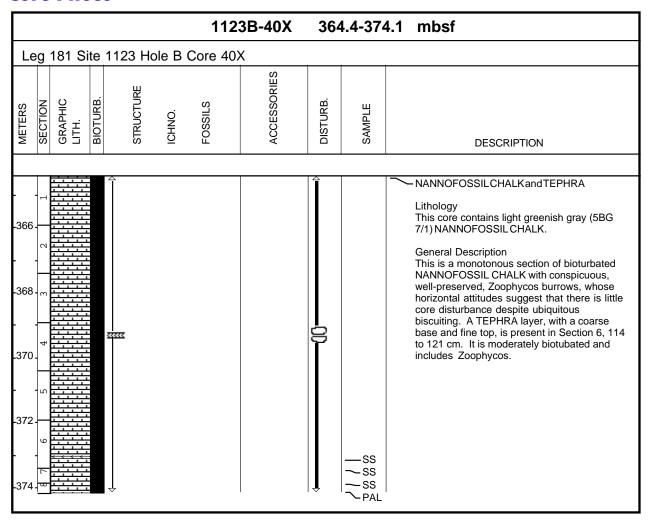


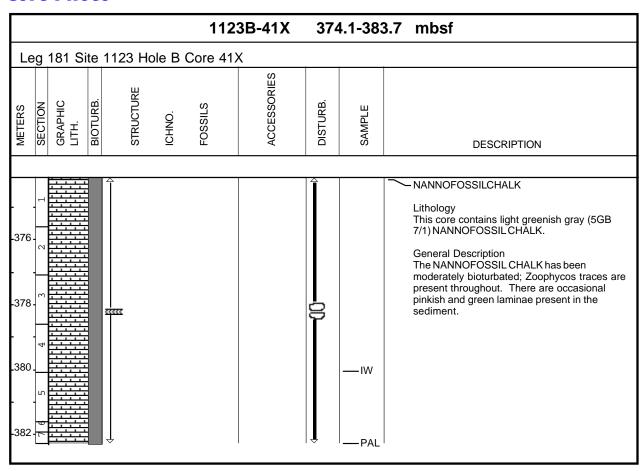


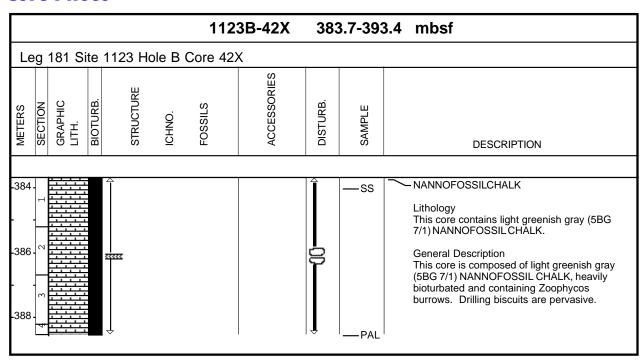


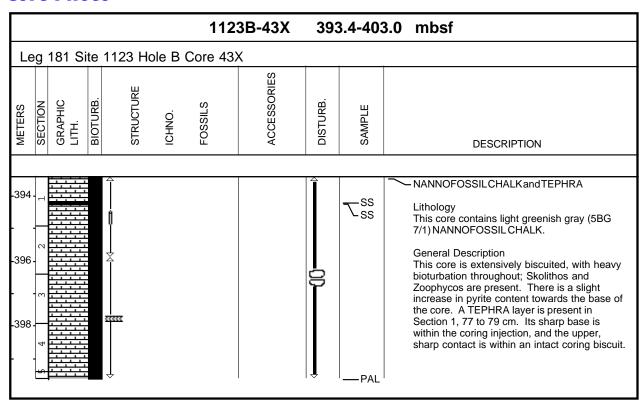


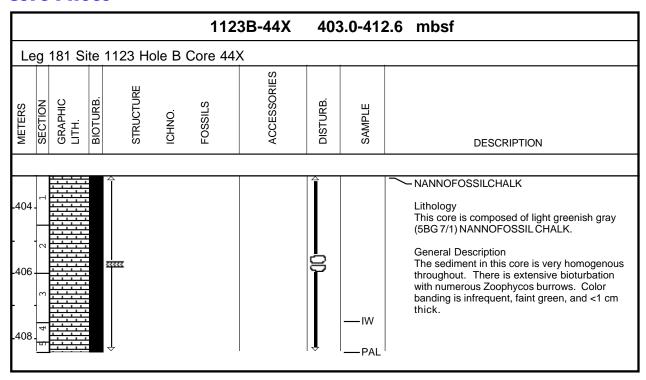


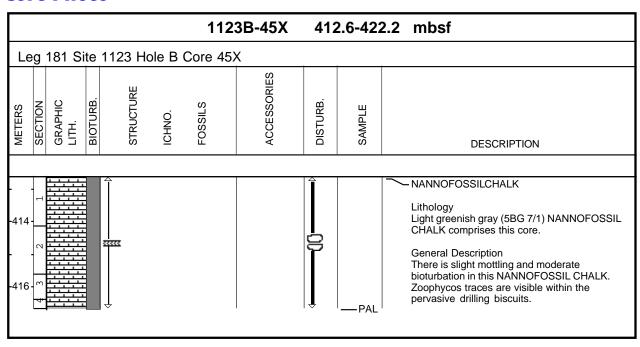


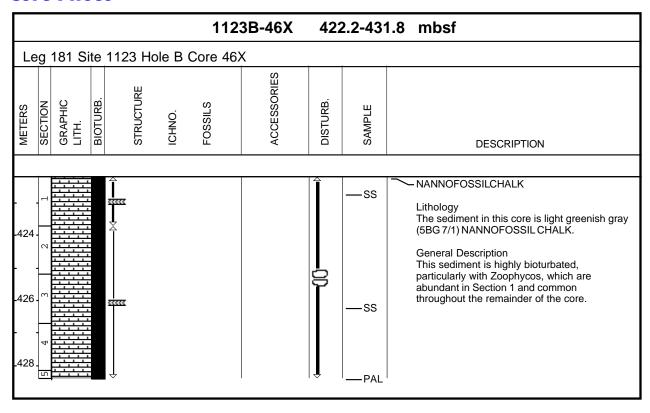


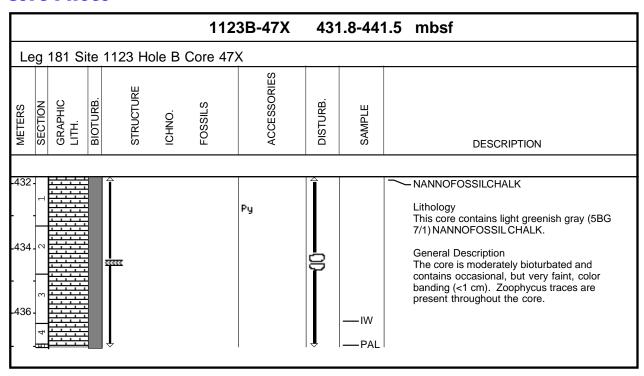


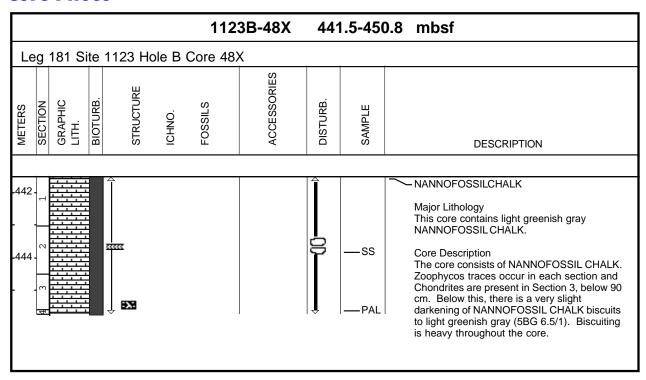


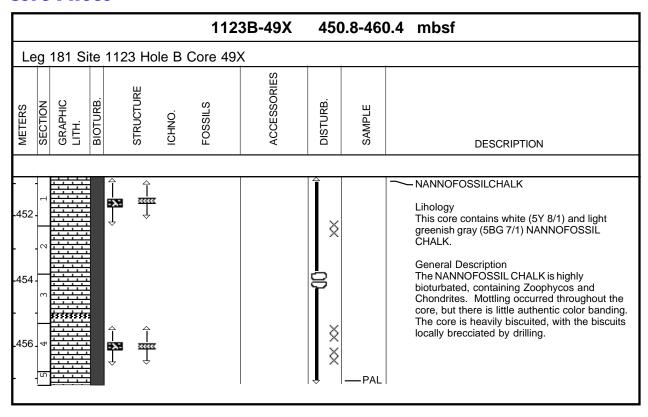


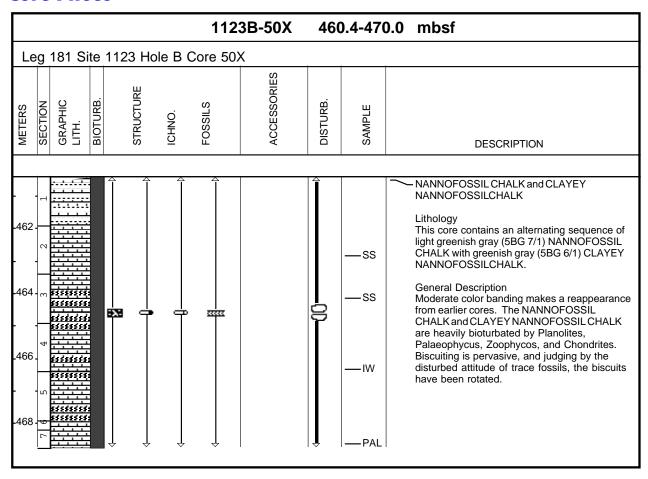


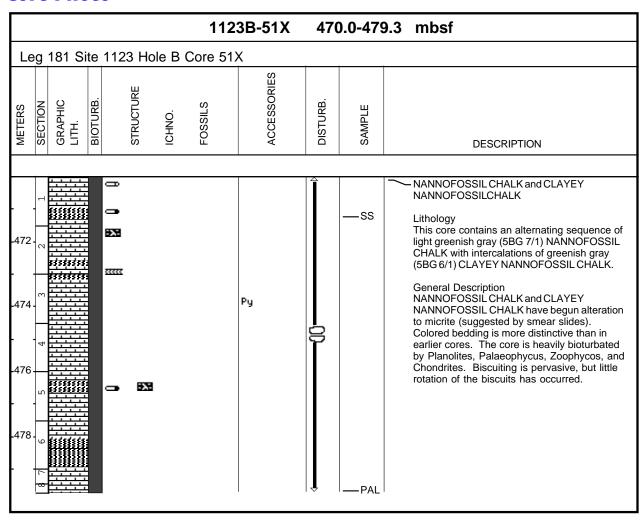


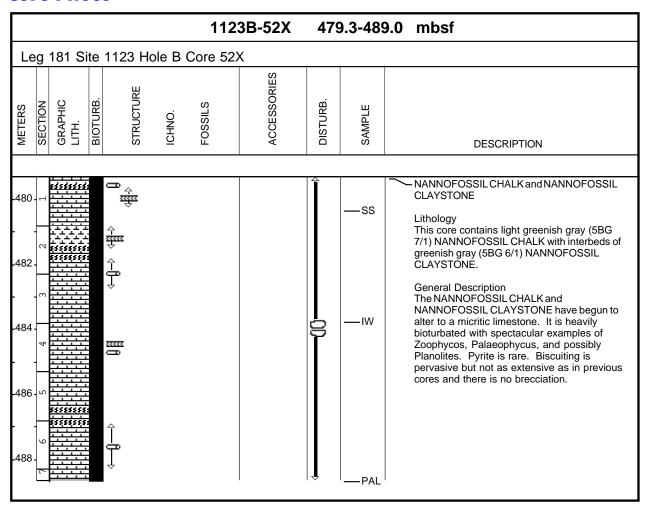




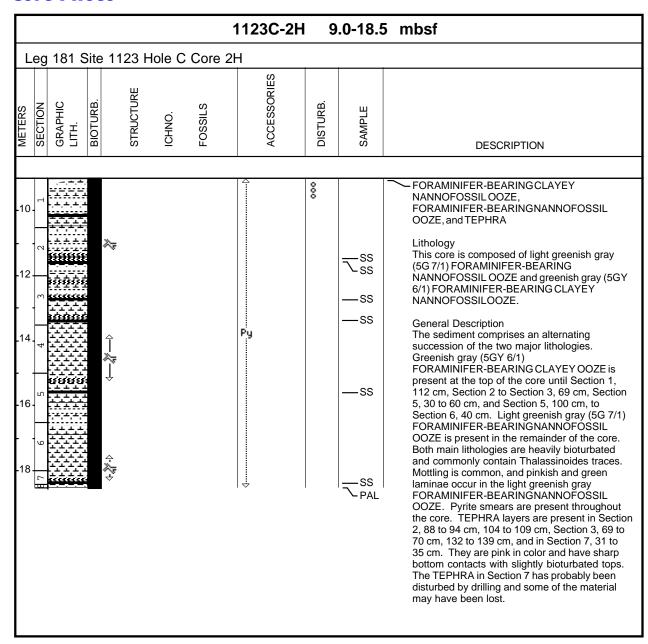


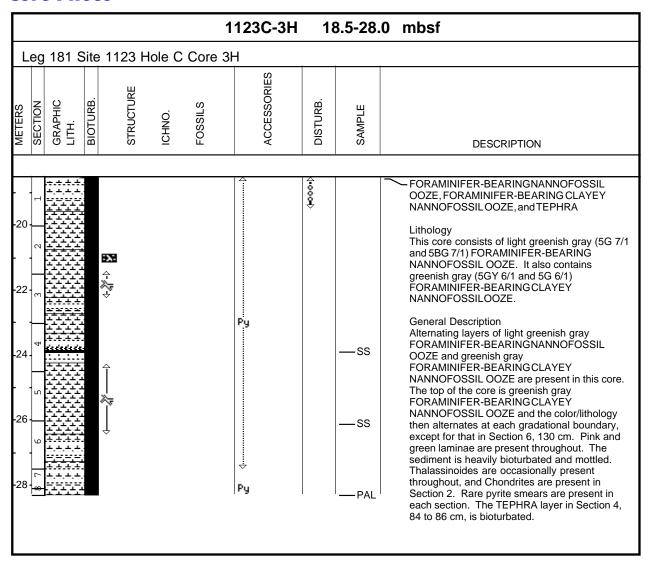


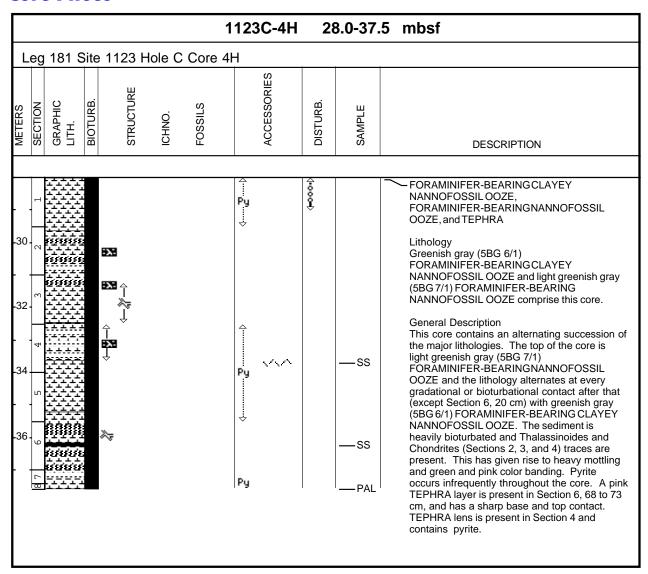


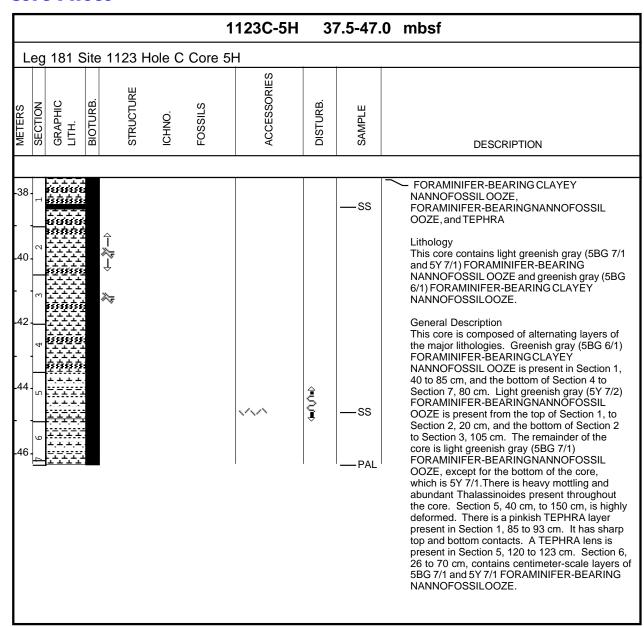


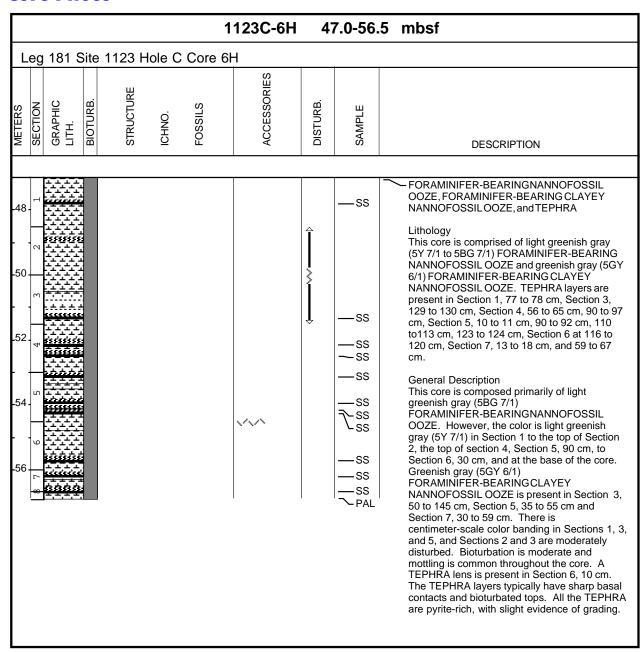
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Leg 181 Site 1123 Hole C Core 1H									
METERS	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ICHNO.	FOSSILS	ACCESSORIES	DISTURB.	SAMPLE	DESCRIPTION
-4 - 4 - 6 - 6 - 8 - 9 - 1	252322 252322 252322 25232		~ ₹			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		— SS — SS — SS — SS — SS — PAL	which commonly have haloes of pyrite. Dark green laminae occur in Sections 3 and 4 and color mottling is common throughout the core. The TEPHRA lenses, which are pink with a white top, are present in Section 1, 135 cm (probably displaced upcore by ~23 cm), in Section 2, 70 cm, and in Section 6, 70 cm (probably a burrow fill). TEPHRA layers have probably been displaced.

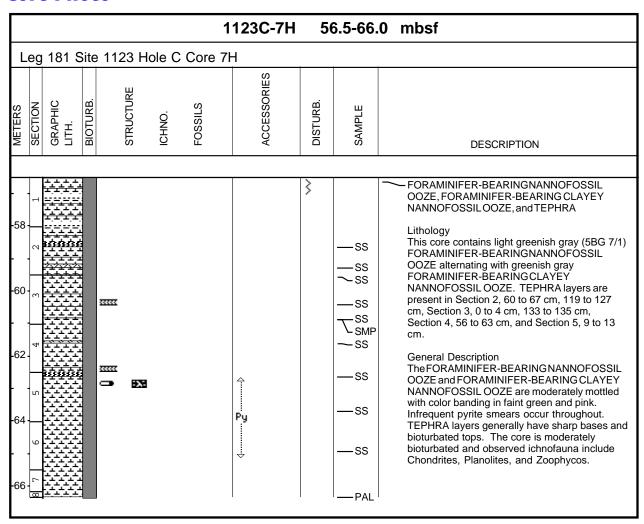


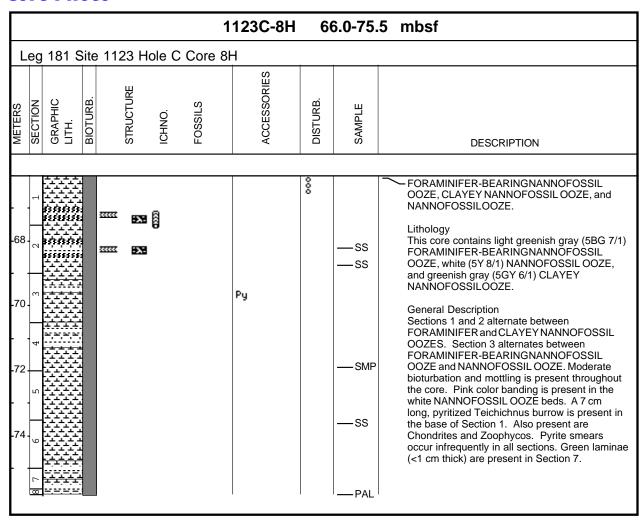


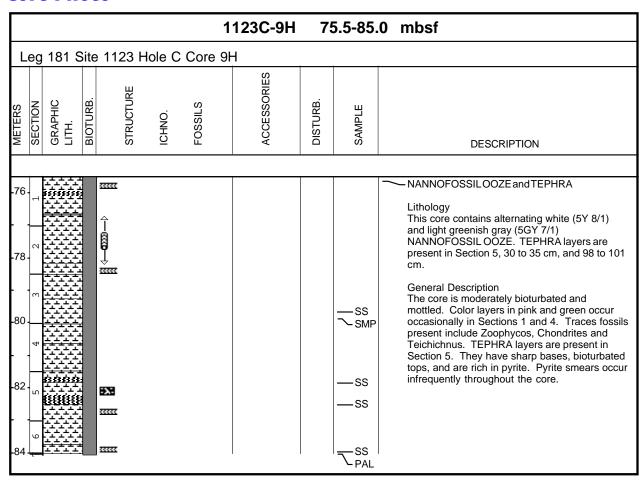


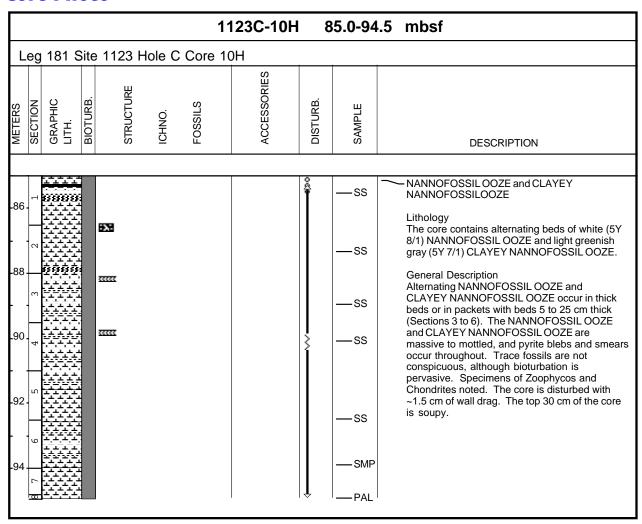


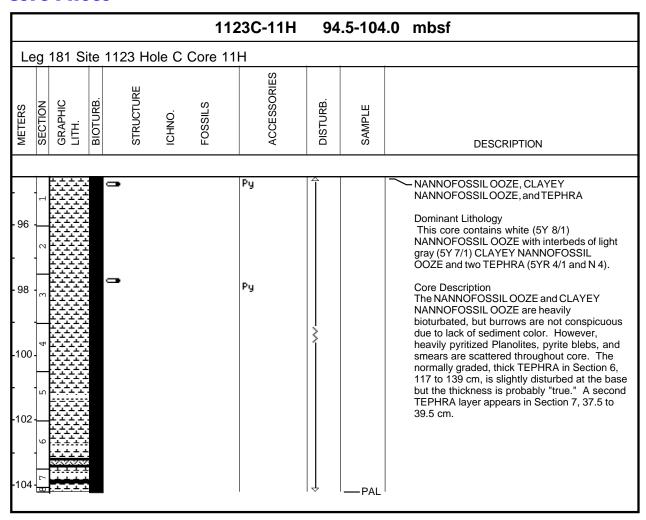


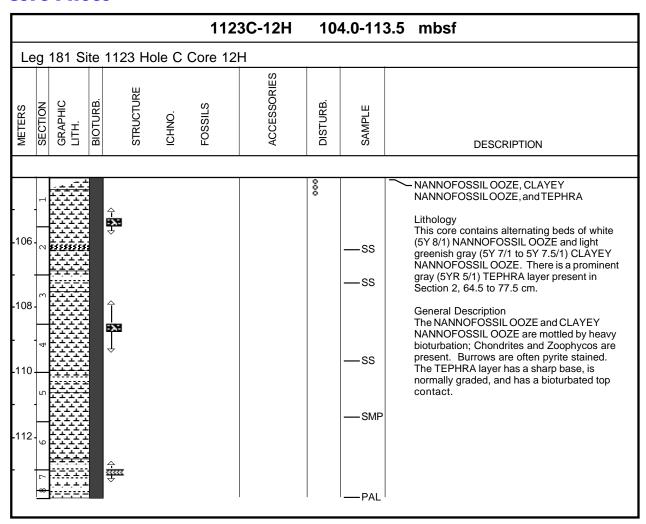


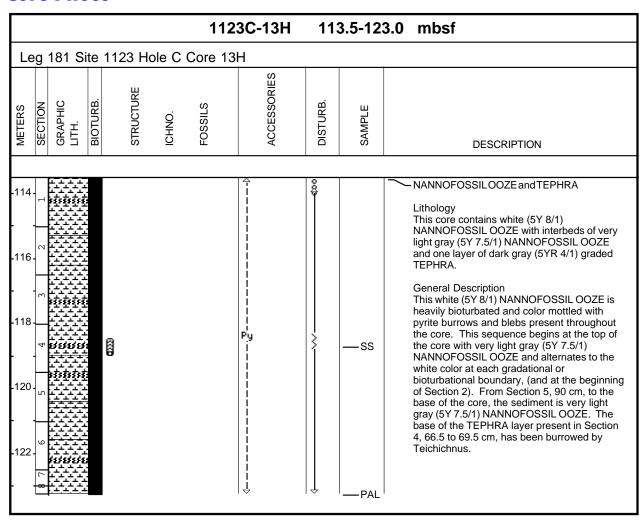


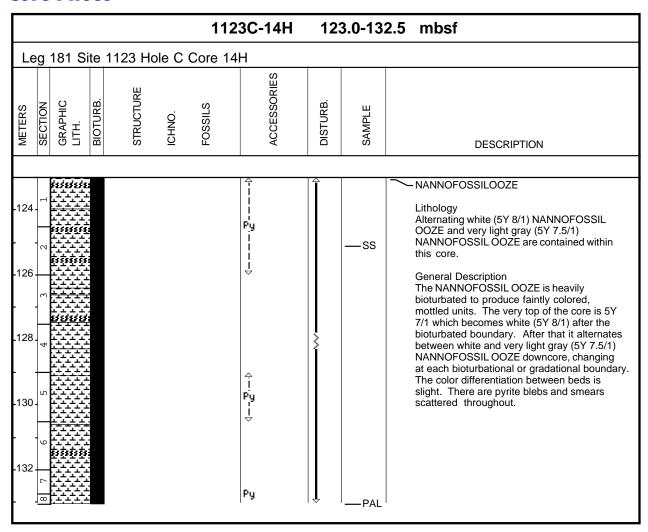


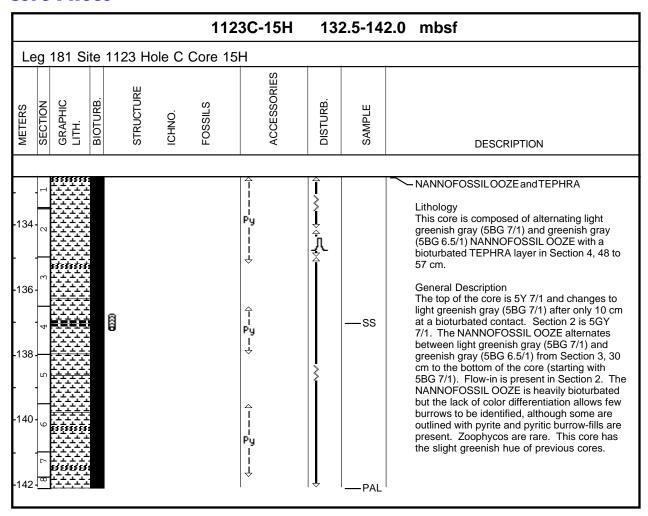


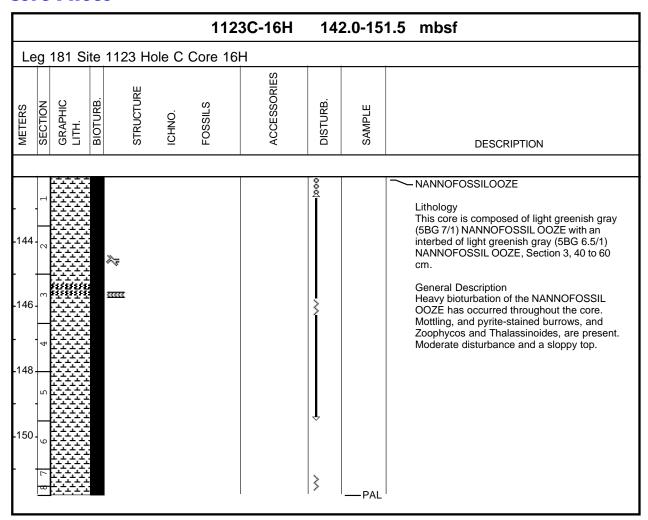


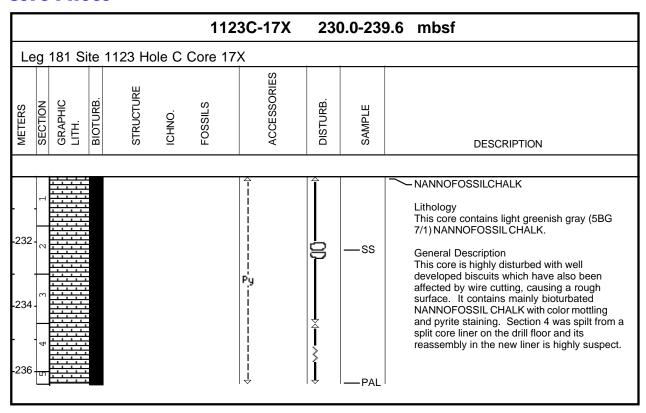


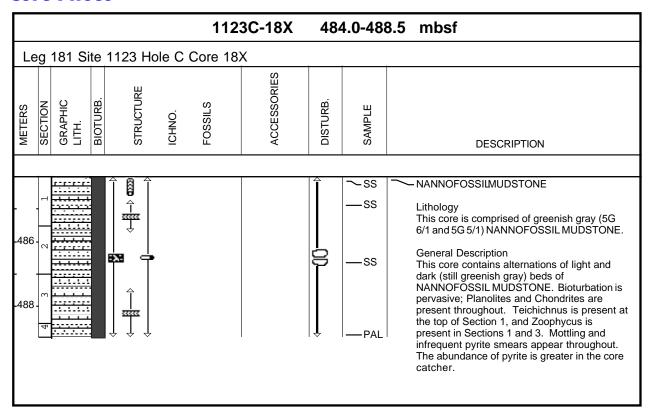


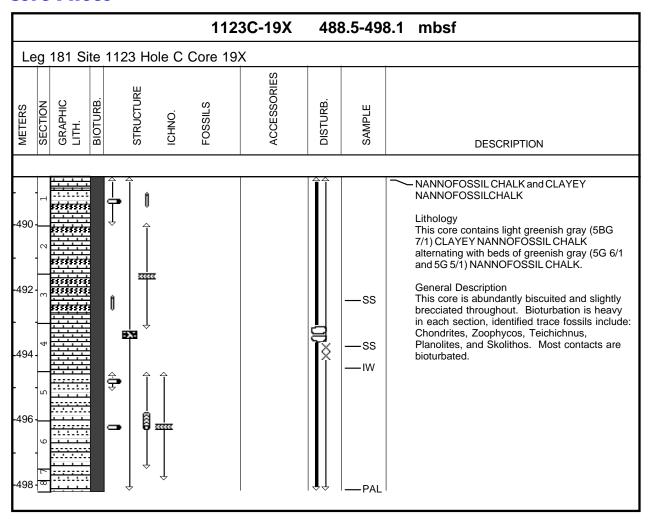


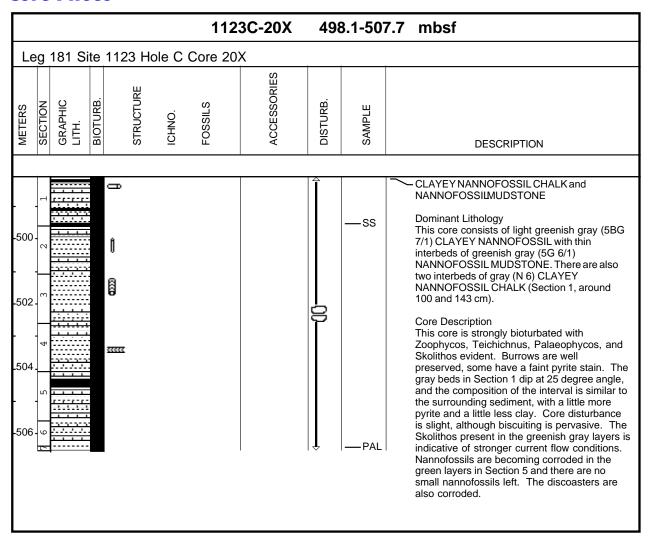


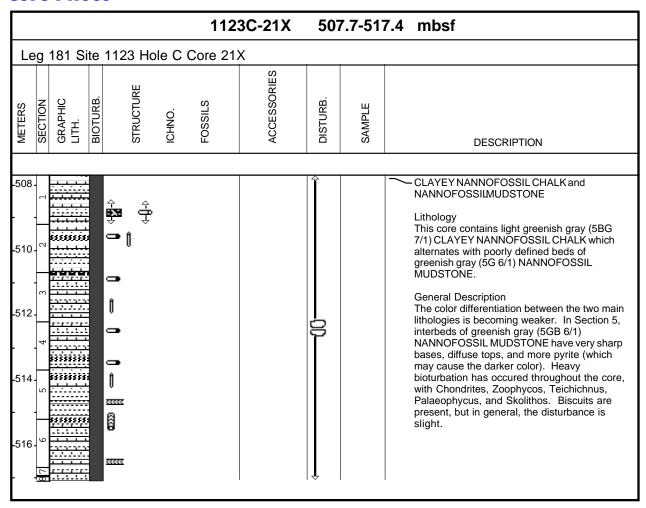


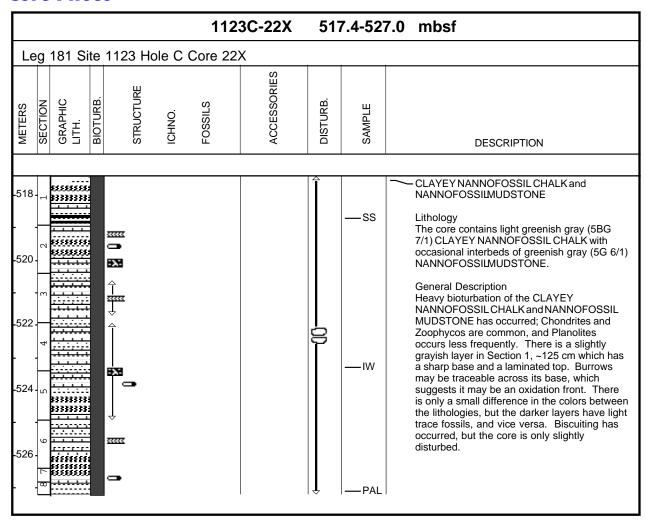


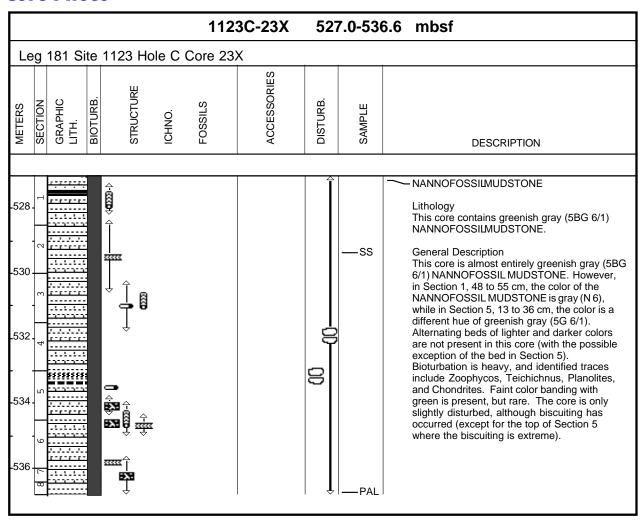


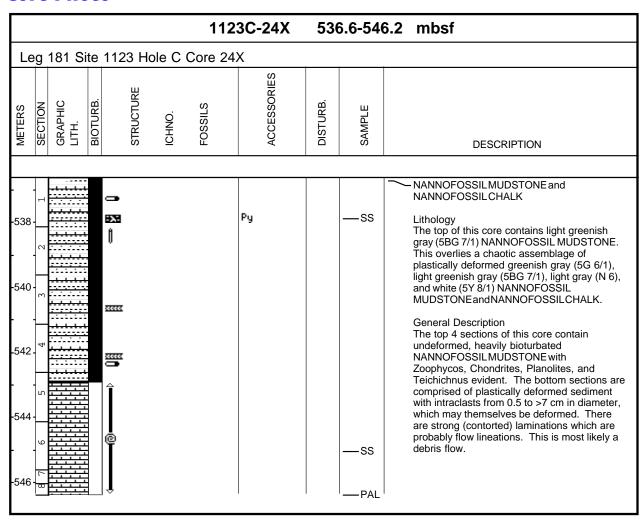


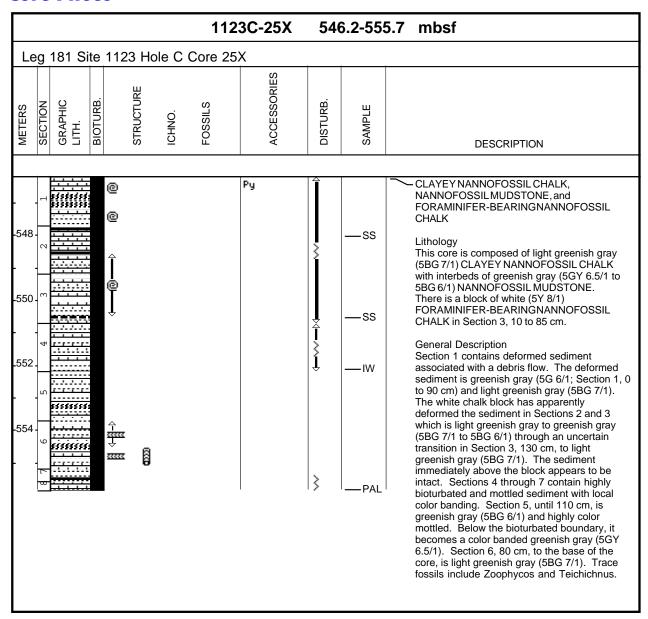


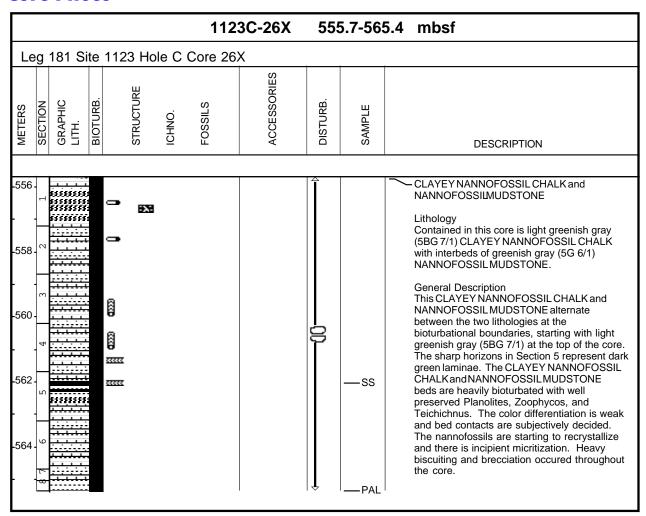


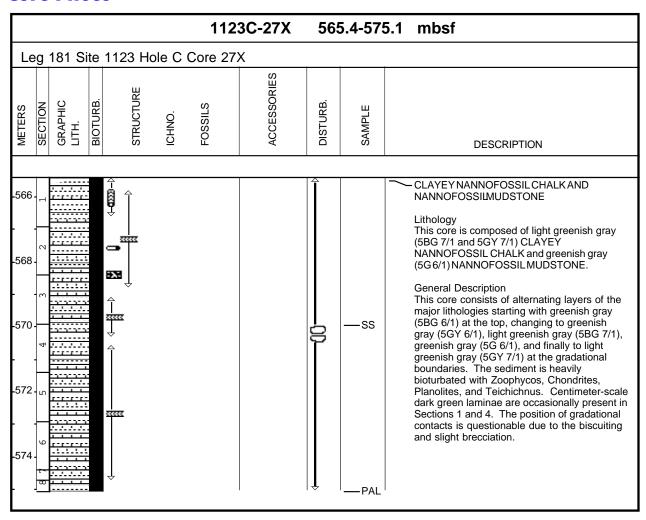


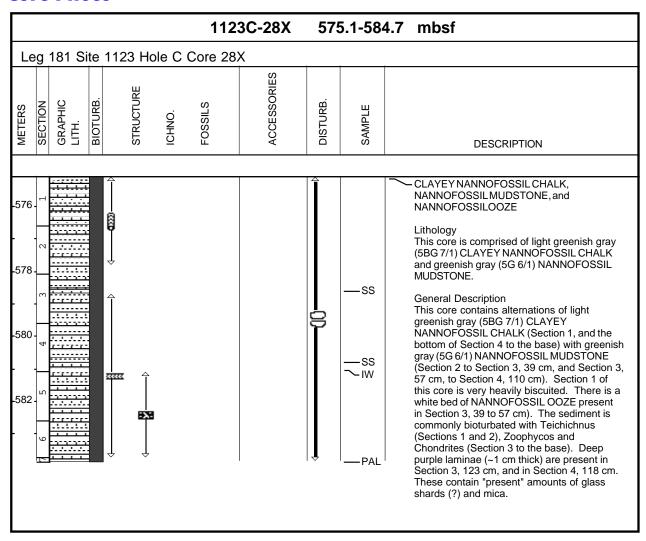


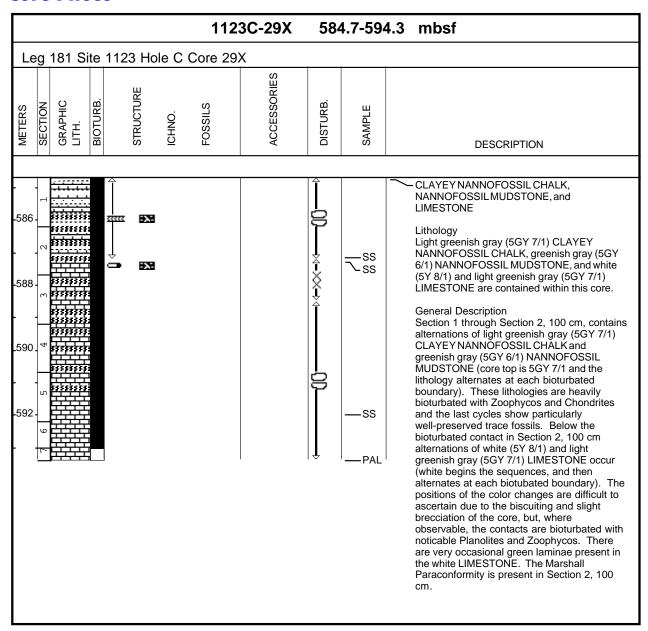


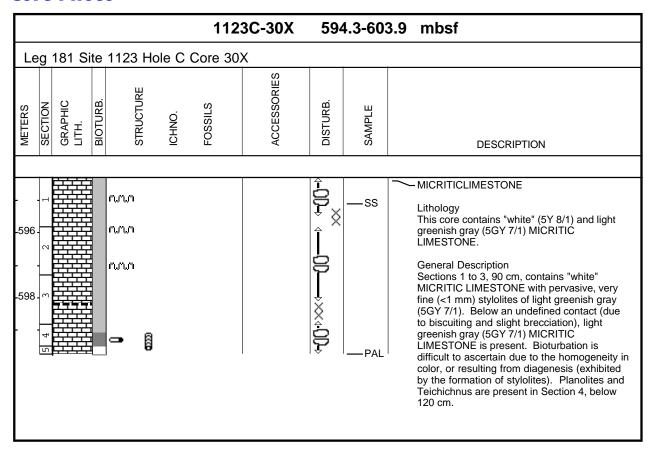


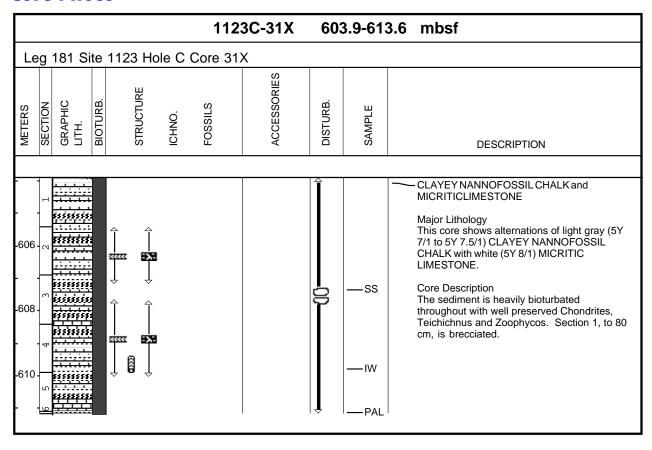


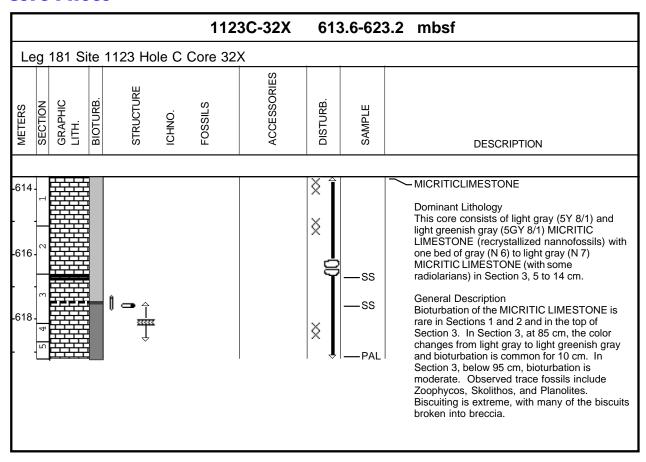


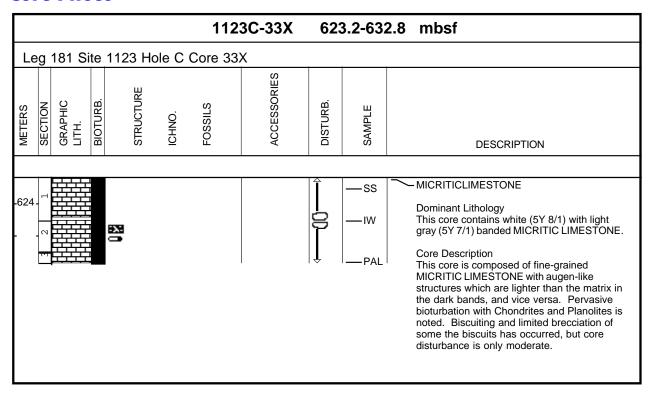












Site 1123 Smear Slides			- 1	Text	ure	Т						Mine	eral									Ri	ogeni	ic			Rock	k I
Site 1125 Sincar Sincs	<u> </u>		\dashv	ICAL	1	+	1		ı	- 1				T		- 1	П	- 1	\dashv			J.	gen		1		T.OCI	
Leg Site Hole Core Type	Interval (cm)	Depth (mbsf)	Lithology	Sand	Clay	Calcite (30)	Carbonate (35)	Chlorite (45)	Clay (47)	Feldspar (71)	Glauconite (82)	Heavy Minerals (89)	Mica (118)	Opaques (140)	Oxides (146)	Pyrite (169)	Quartz (172)	Volcanic Glass (81)	Zeolite (222)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Skeletal Debris (192)	Sponge Spicules (199)	Fecal Pellet (70)	Lithic Fragments (106) Comments
181 1123 A 1 H 1	100	1	D	20 50	30		P		P	P							P	C		R	R	A			P			ASH LAYER
181 1123 A 1 H 2	5	1.55	M	50 25						P				*			P	D							P			CARBONATE SKELETAL DEBRIS
181 1123 A 1 H 2	8	1.58	M	30 40	30					P				*			P	D				R						
181 1123 A 1 H 4	10	4.55	D	30 20										P							C	D			P			
181 1123 A 1 H 4	106	5.51	M	10 20										P						R	P	D		P	P			
181 1123 A 2 H 3	30	9.4	D	5 25			P		P	R				P			R				C	D	*		P	R		DARK GREEN-GLACIAL-DOMINANT
181 1123 A 2 H 5		13.48	M	70 30														D										ASH LAYER
181 1123 A 2 H 6		14.49	D	5 25			_	\sqcup					*							R	P	D	*		P		$\sqcup \bot$	WHITE-INTERGLACIAL
181 1123 A 3 H 1		15.66	D	5 15			C			R				*			R				P	D		P	P	P		
181 1123 A 3 H 4		20.58	M	5 15			C	\square		R			_	P	_	_	R				P	D		P	P	P	\perp	
181 1123 A 3 H 4		20.77	M	5 15			-	\vdash	_	_		_		*	-	_	_				*	D			*	*		LITTLE GREEN GRAINS
181 1123 A 3 H 5		22.6	D	5 15			-	\vdash		R		_	*	_	_	_	R	~		т-	P	D	-	_			\vdash	
181 1123 A 4 H 3		28.33	D	5 25						- n				-	-	-	ъ	С		P	P	D	P	P				A CITY AND D
181 1123 A 4 H 4 181 1123 A 4 H 6		30.17		80 15 20 40		_	-	\vdash	-	P		-	-		\rightarrow	-	P	D		P								ASH LAYER
		33.86 37.07				_		\vdash	-	C P		P	-	C P	\rightarrow	-	P	A D		Р		A						ASH LAYER + NANNOFOSSILS OOZE
181 1123 A 5 H 2 181 1123 A 5 H 3		38.28	M M	60 30 40 20						P		P		P	-		P	D D		*	*	С						ASH LAYER ASH
181 1123 A 5 H 5			M	10 30		_				Г		Г	P	_	_	_	Г	D		P	C	A	P	P	P	P		АЗП
181 1123 A 6 H 2		46.69	M	10 40		_	\vdash	\vdash	-	P		P	P	P	\rightarrow	_	P	A			_	A	1	1	1			ASH+NANNOFOSSILS
181 1123 A 6 H 3		48.49	M	30						P		P	-	C			P	A				C						ASH+NANNOFOSSILS
181 1123 A 6 H 4		49.92		80	20			\vdash		P		P	С	C	\neg		P	D				P						ASH
181 1123 A 6 H 5		50.3	M	70 10						P		P		P			P	D				C						ASH+(NANNOFOSSILS)
181 1123 A 6 H 6		52.26	M	20 40	_					P		P	P	P			P	A		*	*	A						ASH+NANNOFOSSILS
181 1123 A 6 H 6		52.87		60 10						P		С		P			P	P		*		A						ASH+NANNOFOSSILS
181 1123 A 6 H 7		53.25	M	40 20						P		P	P				P	Α				Α						ASH+NANNOFOSSILS
181 1123 A 6 H 7		53.53	M	40 30						P			P				P	Α				Α						ASH+NANNOFOSSILS
181 1123 A 7 H 1	55	54.15		80 10						P						С	P	D				P			P			ASH
181 1123 A 7 H 2	57 :	55.67	D	10	90		P		P													D			*	*		NANNOFOSSILS OOZE
181 1123 A 7 H 3	49 :	57.09	M	70 10	20					P						С	P	D			P	С						ASH+(NANNOFOSSILS)
181 1123 A 7 H 3	107	57.67	M	70 10	20					P						P	P	Α				Α						ASH+(NANNOFOSSILS)
181 1123 A 7 H 4		59.2	M	90	10					C							C	D				P						ASH
181 1123 A 7 H 5			M	90 10						P							P	D										ASH
			M	70 20			_	\sqcup		P		_		\rightarrow	_	_	P	D										ASH
181 1123 A 7 H 5		60.87		60 10	_				P	P					_		P	D										GREEN LAYER
181 1123 A 7 H CC		63.07	M	10	_	1	P							\rightarrow	_	_					P	D			P		\vdash	
181 1123 A 8 H 2		65.25	D	*	100	1	-	\vdash	P		\rightarrow	_		\rightarrow	_	\rightarrow					<u> </u>	D			*		\vdash	
181 1123 A 8 H 4		68.85	M	10	90	-	-		P			\rightarrow			-	_						D					\perp	GREEN LAYER
181 1123 A 9 H 3		76.48	M	30		_	_						\rightarrow	A	-	-				*		A	*	*			\vdash	A GIT ATA PAROPOGGIT G
181 1123 A 9 H 5		79.61	M	40 30		-	-		*	-	-	*		С	\rightarrow	-	-	A		×	*	A	ж	*			\vdash	ASH+NANNOFOSSILS
181 1123 A 9 H 5		80.02	M	70 20		-	-	\vdash	P P	С	-	Φ.		-	+	-	С	D				P					\vdash	ASH (NANNOFOSSILS)
181 1123 A 9 H 6 181 1123 A 9 H 7		80.67	M	30 50			-		P	*	*	*	-	P	\dashv			D D				P					+	ASH+(NANNOFOSSILS)
181 1123 A 9 H 7 181 1123 A 11 H 2		81.68 93.69	M	70 20 5	95	-	+	\vdash	r	~	~	**	\rightarrow	r	\dashv	P		ע		P	P	-	P				\vdash	ASH
181 1123 A 11 H 2		94.34	M	5	95	-	+	\vdash			-	\dashv	-	+	+	Г		-	_	P	P	A	P	P			\vdash	PINK LAYER
181 1123 A 11 H 2		100.74	M	5	95	-	+	\vdash		-	-	\dashv	-	+	+	С		С		P	r	D	ľ	P			\vdash	FINK LAIEK
181 1123 A 11 H /		100.74		90	10	-	<u> </u>	\vdash		P	-		P	-	+		P	D		ľ		P		Г			\vdash	VOLCANIC QUARTZ AND PLAGIOCLASE
181 1123 A 12 H 3		104.69	M	10		1	+	\vdash		1	-	\dashv	-	\rightarrow	\dashv	-	1	ט		P	P	D	P	P		P	\vdash	TOLCAINE QUARTZ AND I LAGIOCLASE
181 1123 A 12 H 3		115.07	D	5 10			\vdash	\vdash	P	R	\rightarrow	\dashv	\rightarrow	\dashv	\dashv	\rightarrow	R	P		P	-	A	R	R		P	\vdash	
181 1123 A 13 H 4	135	116	D	10			P	\vdash	-	11					_		1			R	*	D				R	\vdash	
101 1123 A 13 11 4	133	110	ע	10	1 50		1	\perp												I		ען				ı		[

Site	123 Sn	ıear	Slide	s				П	1	Text u	re	ı						Min	eral							Ι		Bi	iogen	ic			R	ock	
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Calcite (30)	Carbonate (35)	Chlorite (45)	Clay (47)	Feldspar (71)	Glauconite (82)	Heavy Minerals (89)	Mica (118)	Opaques (140)	Oxides (146)	Pyrite (169)	Quartz (172)	Volcanic Glass (81)	Zeolite (222)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Skeletal Debris (192)	Sponge Spicules (199)	llet (70)	Lithic Fragments (106)	Comments
181	1123	A	13	Н	5	98	117.13	M	80	10	10				*	P		*					P	D				P							
181	1123	A	14	Н	3	85	123.95	D	20	30	50											P		Α		P	R	D	_	R		R	_	_	
181	1123	A	14		3	92	124.02	M			10					R				P		ъ	R	D		_	n	P	<u> </u>	L.			-	+	
181	1123 1123	A	14	H	6	38	127.98	M		15	80		P		P	R						P	D .	D		P R		D	P R	R		R P	-	-	
181 181	1123	A	15	Н	3	56 81	133.16 134.91	M	15 5	35 40	50		P	\vdash	P	K						P	R	R *		*	R	D	K	-		R	1	+	
181	1123	A	17	Н	3	133	152.93	M	5	55	40		1		P							1				R	R	D				R	1	+	
181	1123	A	17	Н	3	139	152.99	M	5	55	40			\Box	P							*				R	R	D					T		
181	1123	В	1	Н	1	6	0.06	D	10	45	45				P	R								*		P	P	D		R		R			
181	1123	В	3	Н	6	67	21.07	M	5	35	60											С				P	R	D	P						
181	1123	В	3	Н	6	123	21.63	M		45	50			Ш							[C				P	P	D	R						
181	1123	В	4	Н	2	123	25.13	M	5		95		P		P							P	_	_			P	D		P			-	-	GREEN LAYER
181	1123	В	5	H	3	5	34.95	M	80		5					P			P			P		D			-	P	-	-			-	P	ASH LAYER
181	1123	В	6	Н	6	24	49.14	M M	70 30		20			H		P P			P P			P P	_	D			-	P			D		-	D	ASH+(NANNOFOSSILS)
181 181	1123 1123	B	6	H	6	46 59	49.36 49.49	M	10		60			\vdash		Р			Р			Р	P	A A		*	-	A	*	-	P		╁	P *	ASH+(NANNOFOSSILS) ASH+NANNOFOSSILS
181	1123	В	6	Н	6	137	50.27	M			20					P			P			P	P	D			_	P					1	+ -	ASH
181	1123	В	7	Н	1	130	52.2	M	70		10					P			-			P		D				C					t		ASH (V+S)
181	1123	В	7	Н	2	39	52.79	M			10					С		P				P		D				P						P	ASH (V+S)
181	1123	В	7	Н	2	90	53.3	M	30	40	30					С		P	P			P	С	D				С			*	*			ASH (BIG SHARDS)
181	1123	В	7	Н	3	100	54.9	D	5	15	80													*		P	C	D				P			(CHLORITE)
181	1123	В	7	Н	4	94	56.34	M			60													Α			C	A	P		C	P			ASH+FORAMINIFERS+NANNOFOSSILS
181	1123	В	7	Н	5	117	58.07	M	20		50											P		A								A	_	P	
181	1123	В	7	Н	6	14	58.54	M	70		10					C		P	P			P	_	D									-	-	ASH (G+S)
181 181	1123 1123	В	7 8	H	5	87	59.27 67.07	M	30 5	50 15	20 80		C			P						P P	P	D			P	D	*	P		P	1	-	
181	1123	B	10	Н	1	67 38	79.78	M			20		C			P		P	D			P	P	D		*	P	ע	<u> </u>	P		P	1	+	ASH (V+S)
181	1123	В	10		1	98	80.38	M			20					C		P	1			C	C										1		ASH (V+S)
181	1123	В	10	Н	2	8	80.98	M	- , ,	10	90		P		P			-						_		P		D	*	P			1		11011 (1 10)
181	1123	В	10	Н	2	33	81.23	M	90	10						С		P				С	С	D				P							ASH (V+S)
181	1123	В	10	Н	4	68	84.58	M		10	90		P		P											P	*	D	P	P		P			
181	1123	В	11	Н	3	3	91.93	D		5	95		P					P								P	P	D	P	P		P			
181	1123	В	12	Н	5	3	104.43	M	20		10					P						С	P	D				P					_		ASH (V+S) FINE
181	1123	В	12	Н	6	75	106.65	M	-	5	95		P	\vdash	_							_		_		P	P	D	P	P		P	-	-	
181	1123 1123	В	13	H	2	23	109.63	M		40	40	-	P	\vdash	P					\vdash		C C		D C		<u>P</u>	n	C D	*	-			-	+	
181 181	1123	B	14 14		5	6 37	118.96 123.77	M	45	25	30		P P	\vdash		R				\vdash		C		D		*	1.	С	+-					+	
181	1123	В	14	Н	5	72	123.77	M	40		20	 	P	$\vdash \vdash$		R				\vdash		C		D		Ė	_ K	A	\vdash	\vdash			\vdash	+	
181	1123	В	15	Н	1	132	128.22	M	25		60		P		P	I						C		A		R	R	A	*	\vdash			\vdash	+	
181	1123	В	15		5	64	133.6	M	35		40				P							A		A		R	P	A					1	1	
181	1123	В	15	Н	6	133	135.79	M	30	25	45		P			R						Α		Α		R		A							
181	1123	В	16		1	134	137.74	M		23	80		P	P										R		P	R	A		R		P			
181	1123	В	16	Н	2	116	139.06	M		13	85		P	\sqcup	P	R		*				P	R			P	R	A	R			P	_	1	
181	1123	В	16		2	141	139.31	M		13	85	<u> </u>		\sqcup	C	R				\square		P	R	*		P	*	A	_	_		P	<u> </u>	_	
181	1123	В	16	H	4	8	140.98	D	2	13	85			\vdash	C			*		\vdash		P				P	R	P	<u> </u>	_		P	1	+	
181	1123	В	17	Н	3	85	149.75	D	7	13	80	-		$\vdash\vdash$	C					$\vdash\vdash$		P		D		P	P	A	R	P	<u> </u>	P	1	+	
181	1123 1123	B	17 18	H X	5 3	139 142	153.29 159.82	M	10 10		80 40	_		\vdash	C					\vdash	_	P C		P P	_	P P	R *	A	P	\vdash		P P	\vdash	+	
	1123					5	159.82	D		15	80	_		\vdash	С				P	\vdash	-			*		P	*			\vdash	\vdash	P	+	+	
101	****		1 10	1 2 2			1 200.00			1 10	1 00				~						- 1	- 1					1			1	1		1	1	

Site 1123	Smea	ar S	lides						Т	extu	ire							Min	eral									Bi	ioger	nic			Re	ock	
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Calcite (30)	Carbonate (35)	Chlorite (45)	Clay (47)	Feldspar (71)	Glauconite (82)	Heavy Minerals (89)	Mica (118)	Opaques (140)	Oxides (146)	Pyrite (169)	Quartz (172)	Volcanic Glass (81)	Zeolite (222)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Skeletal Debris (192)	Sponge Spicules (199)	Fecal Pellet (70)	Lithic Fragments (106)	Comments
181 112	_	В	19	X	4	9	167.35	M	20	30	50		P		T			Р						*	İ		P	D		i i		P			LIGHT LAYER
181 112				X	4	10	167.36	M		20			P		P			Ť				P		P		С				P		P			DARK LAYER
181 112	23 E	В		X	6	126	171.56	M					P			R			*			Α	R	С		P	R	A	*			P			ASH-PYRITE
181 112	23 E	В		X	1	10	172.4	M	20						P							P		P		P		D	P	P	P	P			
181 112	23 E	В	20	X	1	100	173.3	M	10	30	60		P		P			P								P		D	P	P		P			
181 112	23 E			X	2	95	174.77	D	5	45					C	R						*		P		P	R	C	*	R		P			
181 112				X	2	142	175.24	M		70						R			P			С						R							ASH (V+S) FINE
181 112				X	2	143	175.25		80							P	*	*				С	P	D	_		1			1				_	ASH (V+S)
181 112				X	4	80	177.66	D	5				P			R							R		-	P	P		<u> </u>	R		P		_	
181 112				X	6	23	189.63	M		40			n				*		_	_		C		*	-	P	1	C		1	1	C	_	_	HARD LAYER
181 112				X	1	130	192.9	D		20			P	ъ					P	_		P		*	-	C	P	D	C	+	-	-		+-	CDEEN LAVED
181 112 181 112				X	5	36 69	193.53 217.49	D		20			\vdash	P		P				-		С	P	D	1	P	1	D P	P	1-	1	-		-	GREEN LAYER ASH LAYER (V+S)
181 112 181 112	-			X	5		217.49	M		20			\vdash			P		_	P	_		C	_	D	\vdash	_	+	P	-	+	-	-		+	ASH LAYER (V+S) ASH LAYER (V+S)
181 112	_			X	7	72 32	229.72	M	70	10		_	\vdash			Р			Р			С	Р	ש	+	P	+	D	P	+		P		-	DARK LAYER
181 112				X	1	100	231	D		10									P			C				P	*	D	P			P			DARK LATER
181 112		-		X	4	53	244.63	D	-5	15									F						+	P	÷	D	Г	+-		P			GREEN LAYER
181 112				X	6	145	248.55	M		10																P		D				C			BURROW
181 112	_			X	4	51	254.21	M		10												Α				P		D	P	1		P			BURROW
181 112				X	7	147		M		10									Р			C					P	D				C			BLACK LAYER
181 112				X	3	70	262.5	M	10	20												С				P		D	P			P			
181 112	23 E	В	29	X	7	6	267.86	M		60	10					P		P					P	D											ASH LAYER (V+S) FINE
181 112	23 E	В	30	X	3	100	272.4	M	80	10	10				R	P						C	R	D				R							ASH LAYER
181 112	23 E	В		X	4	68	283.28	M							P							C	P	D				P							ASH
181 112				X	1	123	288.93	M					P		P	*			*					R		*	*	A				P			
181 112	_			X	2	88	290.08	M							P							P		A	_		_	R						_	ASH
181 112	_			X	3	90	291.6	D	2						P	*						P	*	R			_	A				P			
181 112				X	5	48	294.18	M	10	70						R		*		_		P	R					R		-		_			
181 112				X	6	3	304.83	M		40			P		С					P				*	-	_	-	A		-		P		-	
181 112 181 112				X	7	15	306.45	M														P		D	-	-	R *					P		-	ACH
181 112				X	CC 3	29.5	306.71 310.2	M	80 20				\vdash							-		C		P	1	-	+ "	R A	-	1	1	*		1	ASH ASHY LAYER
181 112				X	4	30	310.2	M					P		P				*	P		·		Г	+	*	+	D	\vdash	1	1	P		1	ASIII LAIER
181 112	_			X	1	15	326.05	M			90		P		P					Ļ					t	1	*	D		1	1	R		1	
181 112	_			X	4	37	330.77	M			90		P		-			*						*		T	1	D	*			P			
181 112		_		X	4	106	331.46	D		8			P		P									*				D		1		Ė			
181 112	_			X	1	40	345.5	D		5	95		P					*	*									D							
181 112	23 E	В	39	X	1	10	354.8	M		10	90		P					*	Ĺ			P		*				D	L	L					
181 112				X	4	8	359.28	M		10			P					*										D							
181 112	_			X	6	120	373.1		80							P		P				P	P	D		*		P				*	P	P	ASH (V+S)
181 112				X	7	4	373.44	M	<u> </u>	10																		D		1		P			
181 112					CC	2	373.86	M		10									_						-	<u> </u>	1	D	<u> </u>	1	1	P		_	
181 112	_			X	1	32	384.02	D		10									P			_	_	_	1	<u> </u>	1	D		1	_	P	_	_	
181 112	_	_		X	1	78	394.18		60							P			P			P	_	_	-	-	-	P	1	1-	-			-	COARSE ASH (V+S)
181 112		_		X	1	83	394.23	M	60							P		*	P	-		P	P	D	1	-	1	P	-	1	1	- n	-	-	BURROW (ASH)
181 112	_			X	1	52	422.72	M	-	5								*				P			+	1	1	D D		1	1	P P	-	1	
181 112 181 112	_			X	2	101 78	426.21	M	-	5	95		P					*		-		ľ			-	1	1	D		1	1	P		1	
181 112 181 112				X	2	88	443.78 462.78	D D	 	5			ľ					<u> </u>		\vdash				\vdash	+	1	+	D	\vdash	+	+	P	_	+	LIGHT GREEN
101 112	∠J E	ט	50	Λ	4	00	1 402.78	υ_	Щ		1 33	—	\Box												1		1	_ ע						_	LIGHT UKEEN

Site 112	3 Sme	ear S	Slides	3					1	Fext u	ire							Min	eral							Ī		В	iogen	ic			Re	ock	
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Calcite (30)	Carbonate (35)	Chlorite (45)	Clay (47)	Feldspar (71)	Glauconite (82)	Heavy Minerals (89)	Mica (118)	Opaques (140)	Oxides (146)	Pyrite (169)	Quartz (172)	Volcanic Glass (81)	Zeolite (222)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Skeletal Debris (192)	Sponge Spicules (199)	Fecal Pellet (70)	Lithic Fragments (106)	Comments
181 11	123	В	50	X	3	70	464.1	D		5	95	1	P		P	*							*	*	İ	P		D	P			P			DARK GREEN
			50	X	3	70	464.1	D		5					Α	P							P	*		P									ACID !!!!
			51	X	1	120	471.2	M		5					P	R			P				R		-	_		P	_	_					
			52	X	1	101	480.31	D		5			A		P			P						*	-	_	С	A	_	P	*	P		-	CHALK OR LIMESTONE ?
		C	1	H H	1	18 135	0.18 1.35	D M								P		P	*			*	P	D		P	C	A	P	P	-	P			ASH (S+V)
		C	1	Н	2	70	2.2	M								1		1	<u> </u>			_	1	A	1	P	P	A	P	\vdash	P				ASH+NANNOFOSSILS
		Č	1	Н	3	20	3.2	D																		Ť	P				P	P			
		C	1	Н	3	60	3.6	D														P				P	P	D	P			P			
		С	2	Н	2	92	11.42	M								P			P			P	P	D								_			ASH (V+S)
		С	2	Н	2	106	11.56	M				-				P			*			P	P	D				_			-				ASH (V+S)
		C	2	H H	3	69 136	12.69 13.36	M				-				P P			*			P P	P P	D D	-	┢		P P							ASH+(NANNOFOSSILS) ASH (V+S)
		c	2	Н	5	57	15.57	M								Г						Г	Г	Ъ	_	-	P	_	+	P		1			A3H (V+3)
		C	2	Н	7	33	18.33	M																Α		P		A	_	Ť					ASH+NANNOFOSSILS
		С	3	Н	4	85	23.85	M								P			P			P	P					P							ASH (V+S)
		С	3	Н	6	10	26.1	M		25			P									*		*		P	P	D			P				
		С	4	Н	4	120	33.7	M								P			P			P	P	D		<u> </u>		P							ASH (0 LAYER)
		C	4	Н	6	73	36.23	M								P		P	P			P	P	D	-	┡				-					ASH (V+S)
	-	C	5	H H	5	90	38.4 44.72	M				-				P P		P P	P P			P P	P P	D D		-		P							ASH (V+S) ASH (0 LAYER)
		C	6	Н	1	78	47.78	M		70						P		P	P			С	P	D		1		P	+						ASH (V+S)
		C	6	Н	3	130	51.3	M					P					•	-			P		A				D			P				(ASH)+NANNOFOSSILS
		C	6	Н	4	63	52.13	M								P		P				P	P	D				P							ASH (V+S)
		С	6	Н	4	96	52.46	M			10					P		P				P	P	D				P							ASH (S+V)
		C	6	Н	5	10	53.1	M								P		*	P			C	P	D				P							ASH+(NANNOFOSSILS)
		C	6	Н	5	90	53.9	M								P			P			C	P	D				P							ASH+(NANNOFOSSILS)
		C	6	Н	5	112	54.12	M				-				P		P *				C	P	D	-	┢		P	+		-	-		-	ASH
		C	6	H H	5 6	124 119	54.24 55.69	M								P P		P	*			P P	P P	D D	-	┢		P	+-	\vdash	+	-		-	ASH+(NANNOFOSSILS) ASH
		C	6	Н	7	16	56.16	M								P	*	P				P	P	D		1		P	+						ASH+ RARE GLAUCONITE
		C	6	Н	7	64	56.64	M				T				P		P				C	P	D		t		P							ASH (V+S)
		C	7	Н	2	64	58.64	M	70	20	10		P			R		P				P	R	D				P							ASH
		С	7	Н	2	124	59.24	M								P	*	P				P	P	D				R							ASH
		C	7	Н	3	3	59.53	M							_	P		*				R	P	D		ــــ	P	-	1	*	-	_			ASH
	-	C	7	Н	3	87	60.37	M							P	P		-	-	-			P	A	-	*		C	*	*	P			-	ASH
		C	7	H H	4	134 57	60.84	M								P P		P	P			P	P P	D D		-		P R		-	-	-			ASH ASH
		C	7	H	5	11	62.61	M				 	-		P	P	P	*				P	P	D		╁	+	R	+	\vdash	+				ASH ASH
		C	7	Н	6	89	64.89	M		30		1	P		P	1	1	-				P	1	P		t		D		*	P	R			ADII
		С	8	Н	2	70	68.2	M					Ť		P	P		*				Ť	P	Ť		T	P	D	_		P	P			
		C	8	Н	2	123	68.73	D	5	35					P											*		D				P			
		С	8	Н	7	10	75.1	M	2	38	60		P		P	R		*	*				R				R	_				P			
		C	9	Н	3	113	79.63	M		45		<u> </u>	P		P	*			_			R	*	*	_	<u> </u>	R	A			-	R	<u> </u>	_	
		C	9	Н	5	33	81.83	M				-				P		*		1		P	P	D	-	⊢		*	-	-	-	_	_	-	ASH
	123 123	C	9	H H	5 6	100 93	82.5 83.93	M					P		P	C R		P				P	C R	D		Ͱ	*	R D	P		P	-			ASH
		C	10	Н	1	51	85.51	D				1	P		P	ĸ					\vdash		ĸ	*		P		D	_	\vdash	P	R		 	
		C	10	Н	2	80	87.3	D		20			_		P											P				*	t	P			

Site	1123 Sn	near S	Slide	s					Т	extu	re						Mi	neral									Bio	genio	:			Ro	ck	
					Section	Interval (cm)	Depth (mbsf)	Lithology	pı		y	Calcite (30)	Carbonate (35)	Clay (47)	Feldsnar (71)	Glauconite (82)	Heavy Minerals (89)	Mica (118)	Opaques (140)	Oxides (146)	Pyrite (169)	Quartz (172)	Volcanic Glass (81)	Zeolite (222)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Skeletal Debris (192)	Sponge Spicules (199)	Fecal Pellet (70)	Lithic Fragments (106)	
Leg	Site	Hole	Core	Type	š	Ī	<u>§</u>	Lit	Sand	Silt	Clay	Ca	೨ ಕ	າ ຄັ	<u> </u>	! ਤੌ	He	ĮΫ	Q	ő	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ᅙ	 	Ze	Dia	Foi	Na	2	S	Sk	$\mathbf{s}_{\mathbf{p}}$	Fec	Lit	Comments
181	1123	С	10	Н	3	90	88.9	D	10	30	60		Р	P	*							*			P	P	D	P	*		P			
181	1123	С	10	Н	4	55	90.05	D	10	20	70]	P	P	*						R	*				P	D	P	*		P			
181	1123	С	10	Н	5	143	92.43	D	5	25	70														P	P	D	P			P			
181	1123	С	12	Н	2	70	106.2	M	80	20					P		*				P	P	D											ASH
181	1123	С	12	Н	3	23	107.23	D	5	45	50]	P	P				*							R	P	D		*		P			
181	1123	С	12	Н	4	111	109.61	D	5	45	50			P									*		P	R	D	R			P			
181	1123	С	13	Н	4	68	118.68	M	80	20					P		*					P	D				R							ASH
181	1123	С	14	Н	2	60	125.1	D		10	90														P		D	P	P	P				
181	1123	С	15	Н	4	50	136.97	M	40	20	40				P		P	P			P	P	Α			P	Α			P	P			ASH+NANNOFOSSILS
181	1123	С		X	2	74	232.24	D		20	80			P	1										P	P	D	T		P				
181	1123	С	18	X	1	12.5	484.13	M	2	18	80			С	R							R	R			R	P							
181	1123	С	18	X	1	84	484.84	D	3	27	70			P	P												Α							
181	1123	С	18		2	110	486.6	D	3	50	47				P						R	P				R	D	T						
181	1123	С	19	X	3	77	492.27	D	2	48	50			С	P		R					P					С	R						
181	1123	С	19		4	70	493.7	D	5	60	35			P	P							P				*	Α	*			Р			
181	1123	C		X		143	499.53	M		60	40			P	_			*			P	R					D	\neg	\neg		P			
181	1123	C	22	X	1	126	518.66	M	5	55	40			P	_						P	R	*			Р	D	\neg	\neg					
181	1123	C	23		2	81	529.31	D		50	50			C		_			P		1	-				*	C							
181	1123	C	24		1	124	537.84	D		30	70		P	P				P	1		*	P					D	\neg	\neg					
181	1123	C	24		6	90	545	M		10	90		P	P				+-				1					D	\neg	\neg					CLAST IN DEBRIS FLOW
181	1123	C	25		2	30	548	D	30	40	30		C	T-	+			P								P		P	_	P	P			LIMESTONE
181	1123	C		X	3	129	550.49	M	5	40	55		_		+	_	-	P					*			P	D	-	\dashv	•	P			GREEN LAYER
181	1123	C	26			31	562.01	M		10	90		P	P	+	+	_	P								-	D	\dashv	\dashv	P	P			GREEN LAYER
181	1123	C	27	X	4	2	569.92	M		10	90		P	P	_			P			P		*				D	\dashv	\dashv					GREEN LAYER
181	1123	C	28		3	52	578.62	D		10			C	+	*			P			<u> </u>	*					D	\dashv	\dashv	\dashv	Р			GREEN EATTER
181	1123	C	28		4	117	580.77	M		10	90		P	P				C	P				*				D	\dashv	\dashv	\dashv				PINKY DARK LAYER
181	1123	С	29		2	95	587.15	D		5	95		C	_	P	1	1	P	1					1			D	-	-					GREEN LAYER
181	1123	C	29		2	107	587.27	D		5	95		2	P				+									D	-	\dashv	\neg				WHITE LAYER
181	1123	C	29		5	128	591.98	D		5	95			P				+	1								D	\dashv	\dashv	\dashv				WIIIII
181	1123	С	30	X	1	77	595.07	D	5	55	48		_	+ -	+	1	1	+	1							*	D	\dashv	\dashv	P	-			LITHIFIED, CARBONATE FRAGMENTS
181	1123	С	31		3	42	607.32	D	2	50	40		_	P	R	1		+	1			R					D	-	\dashv	1	Р			LITHIFIED LITHIFIED
181	1123	С	32		3	7	616.67	M	5	60	35			+1	+	+	+	+	1			1				С	D	\rightarrow	\rightarrow	\dashv				EITHILD
_										- 00	33			+	*	+	_	+	1			*						*	\dashv	\dashv	*			
181	1123	С	32	X	3	94	617.54	D					A		*							*					С	*			*			