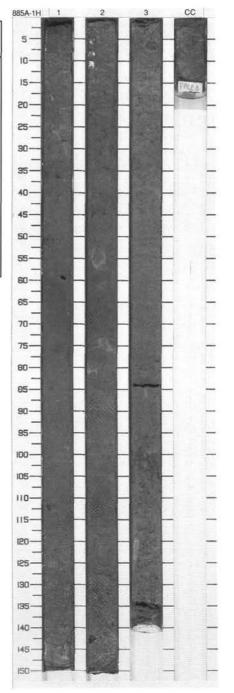
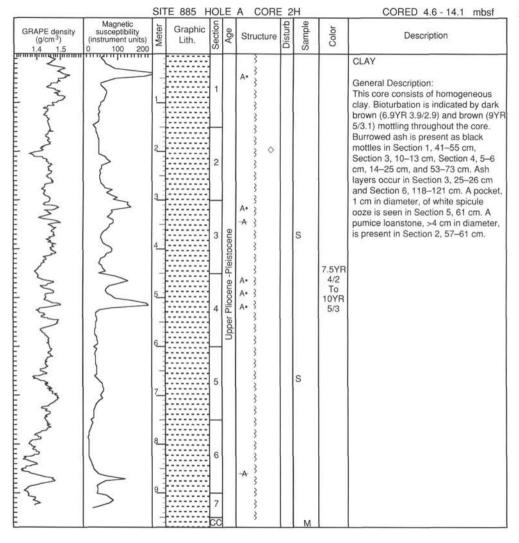
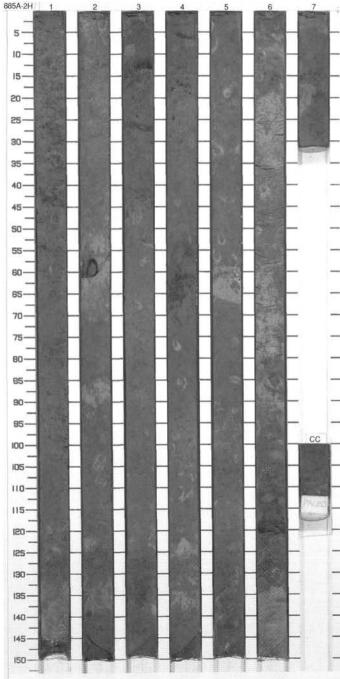
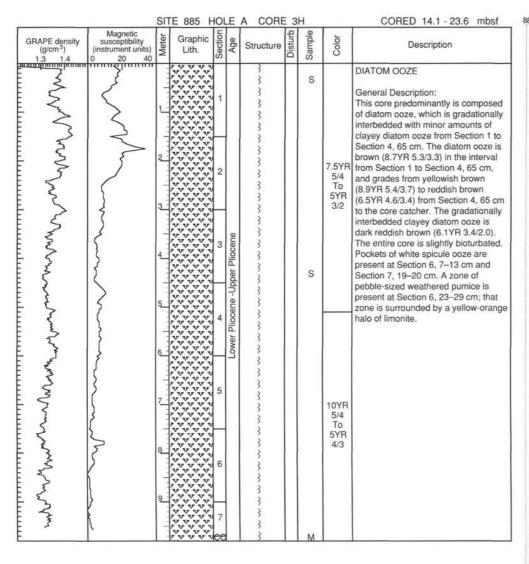
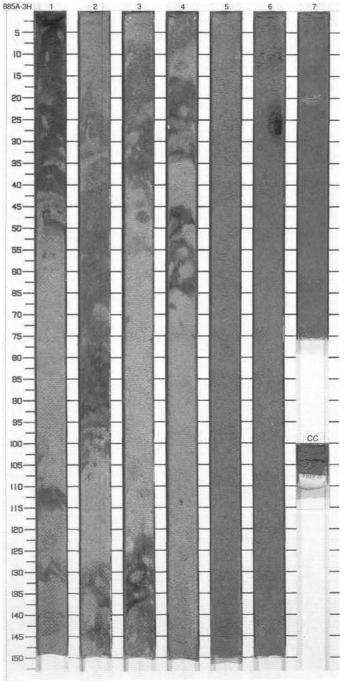
		SIT	TE 885 H	101	LE	A CORE	1	Н		CORED 0.0 - 4.6 mbsf
GRAPE density (g/cm <sup>3</sup> ) 1.4 1.5	Magnetic susceptibility (instrument units) 50 100	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
My have my my my may man		3 4		1 2	Pleistocene	A*************************************		S	5YR 4/3	CLAY WITH DIATOMS and SPICULES General Description: This core consists of homogeneous bioturbated reddish brown (6.1YR 3.5/2.8) clay with diatoms and spicules; diatom clay is present in Section 3, 50–85 cm. An open burrow is present in Section 1, 59–60 cm. Ash-filled burrows are present in Section 1, 36–37 cm, Section 2, 44–45 cm and 142–145 cm, and Section 3, 95–113 cm. A concretion of agglomerated cubic (?) pyrite (?) crystals occurs in Section 1, 112–113 cm.

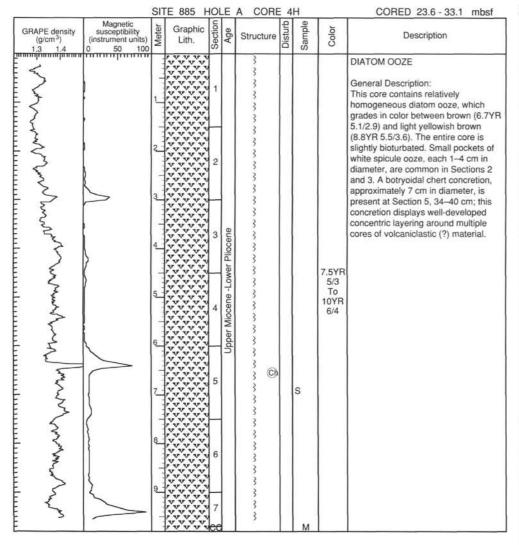


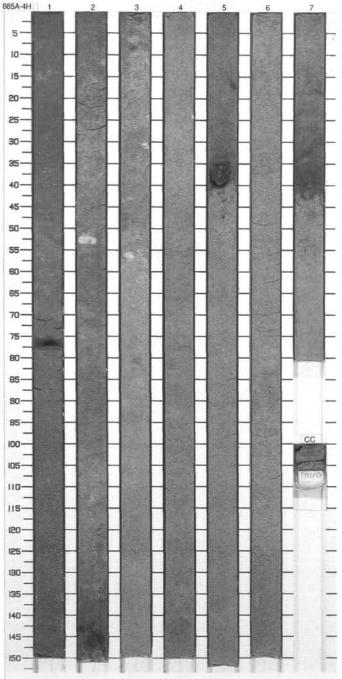


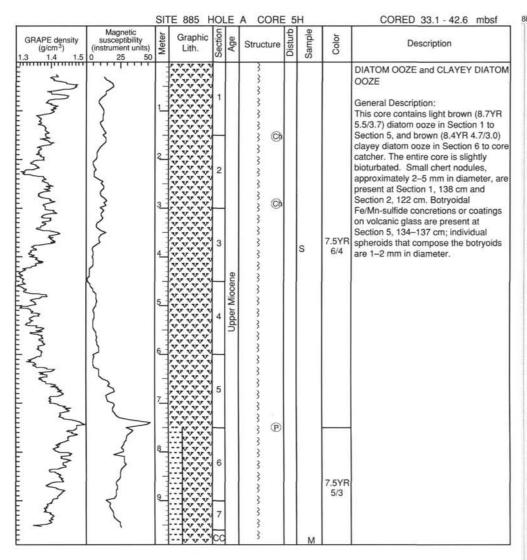


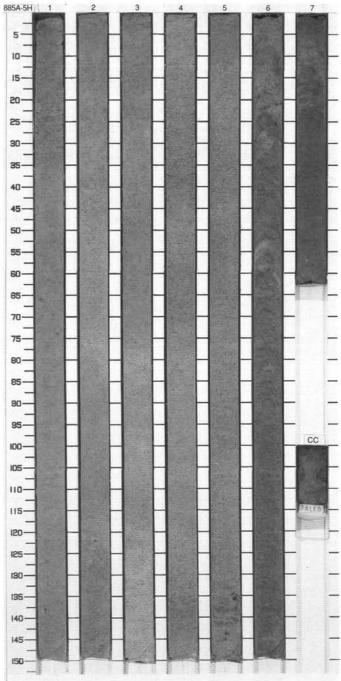


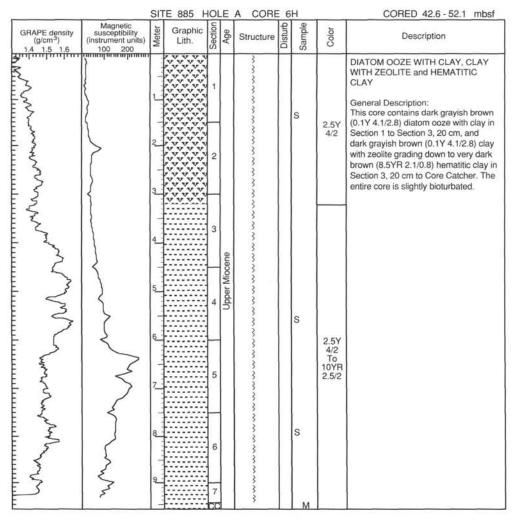




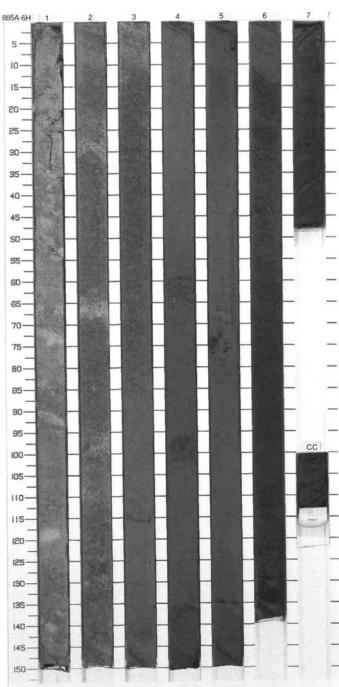


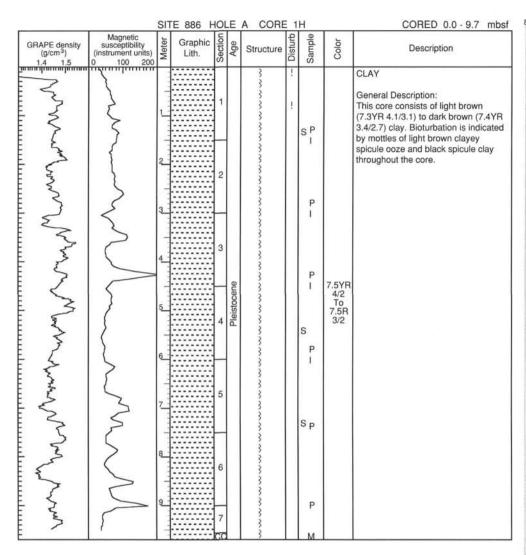


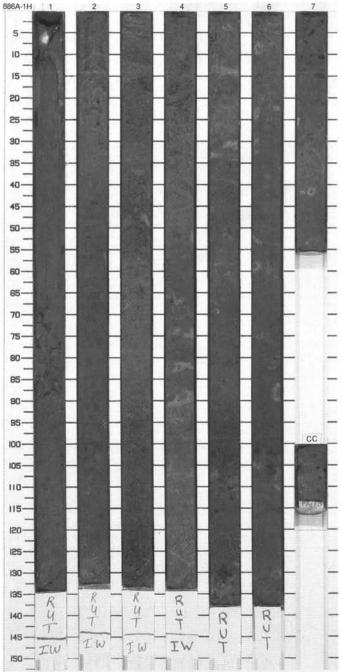




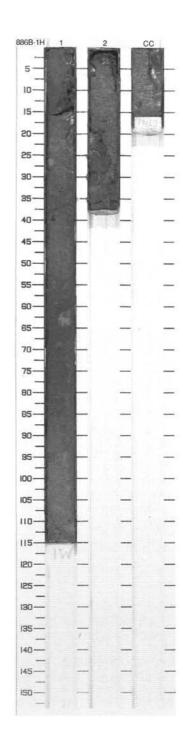
885A 7H Hard Rock 885A 8X Hard Rock

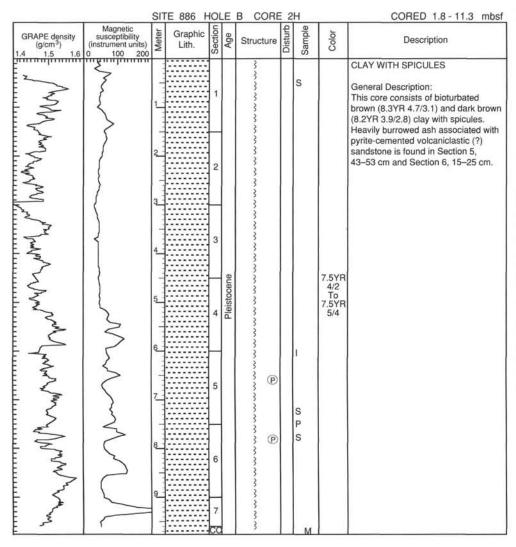


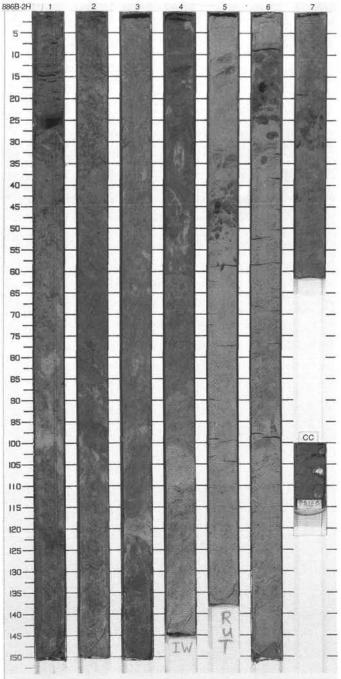


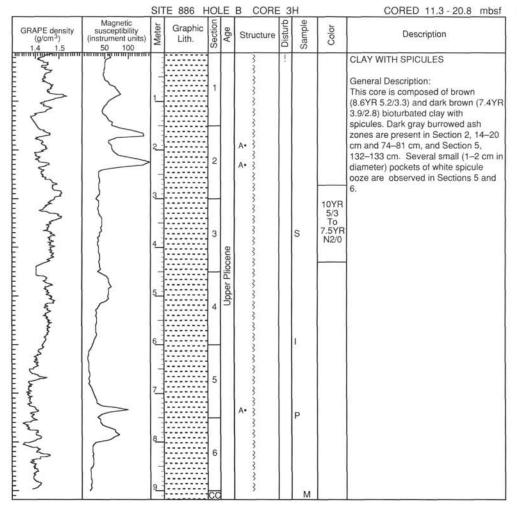


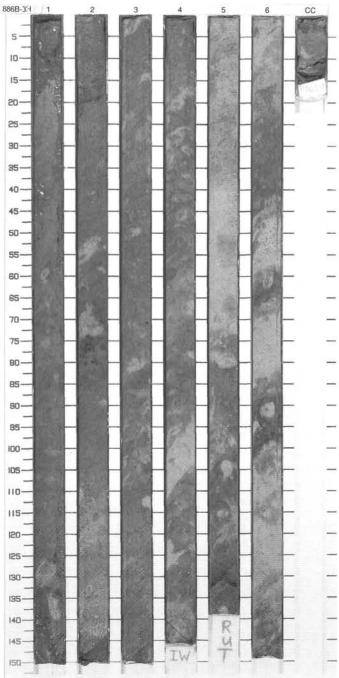
	SI	TE 886 H	101	E	B CORE	1	H		CORED 0.0 - 1.8 mbsf
Magnetic susceptibility (instrument units) 0 50 100	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	1		1 2	Pleistocene	******		S	5YR 4/3	DIATOM CLAY  General Description: This core contains homogeneous, slightly bioturbated, brown to reddish brown (6.3YR 3.8/3.1) diatom clay.

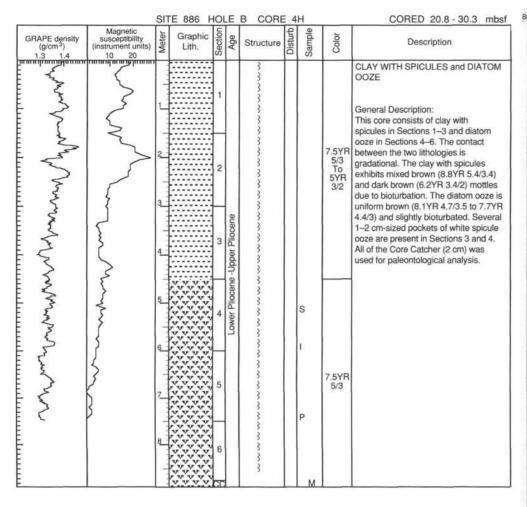


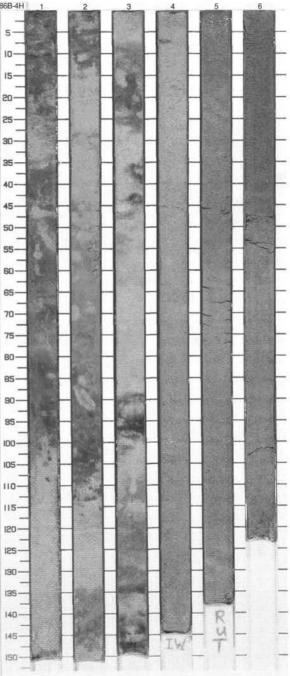


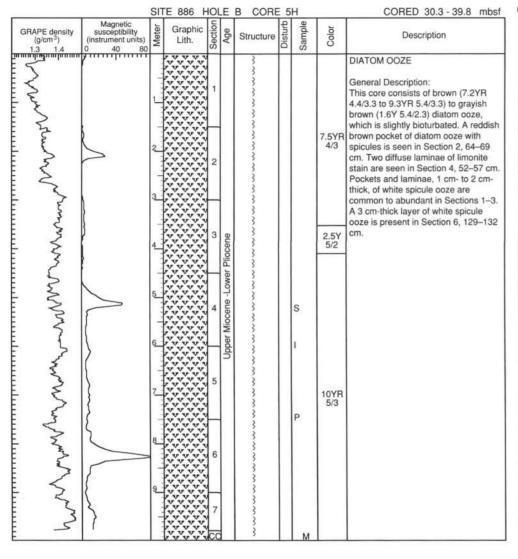


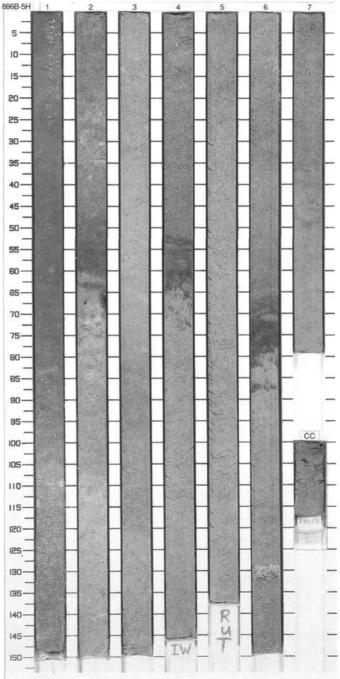


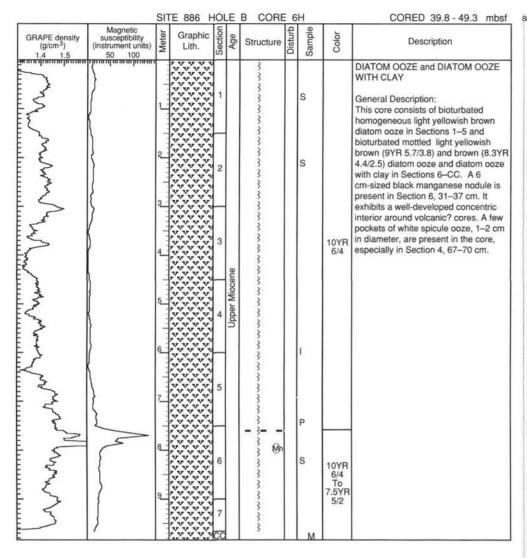


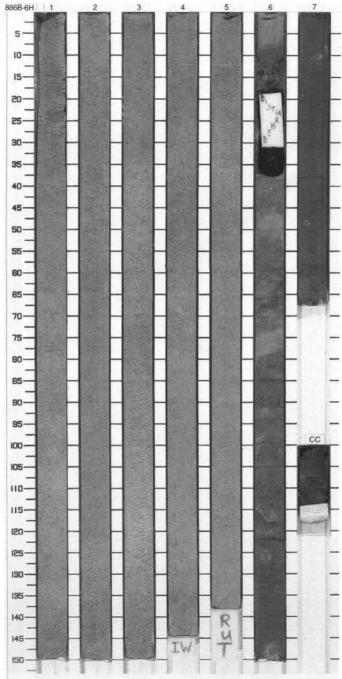


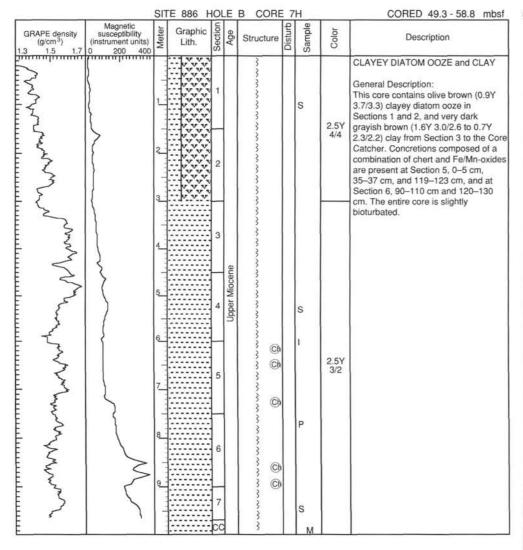


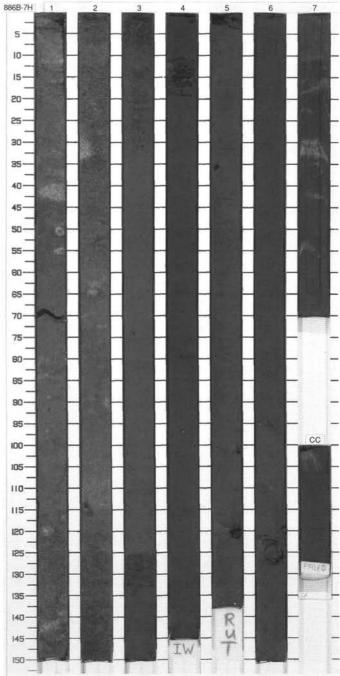






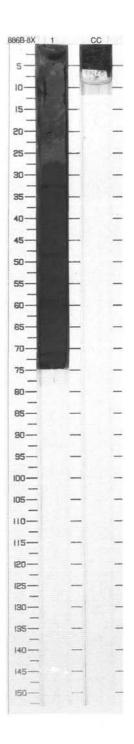




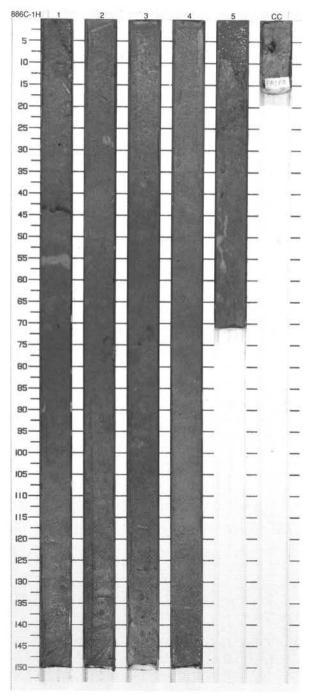


SIT	E 886 H	101	E	B CORE	8	X		CORED 58.8 - 68.5 mbsf
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
	<b>******</b>	1 CC		(3)		SM	2.5Y 3/3 7.5YR 3/2	CLAY AND HEMATITE CLAY  General Description: This core consists of dark grayish brown (1.7Y 2.7/2.8) clay in Section 1, 0–27 cm and very dark brown hematite clay in Section 1, 27 cm to core catcher. A chert/Fe-oxide nodule is present in Section 1, 20–23 cm.

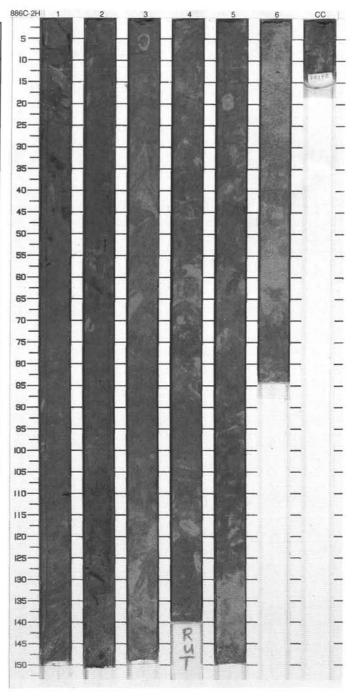
886B 9X Hard Rock

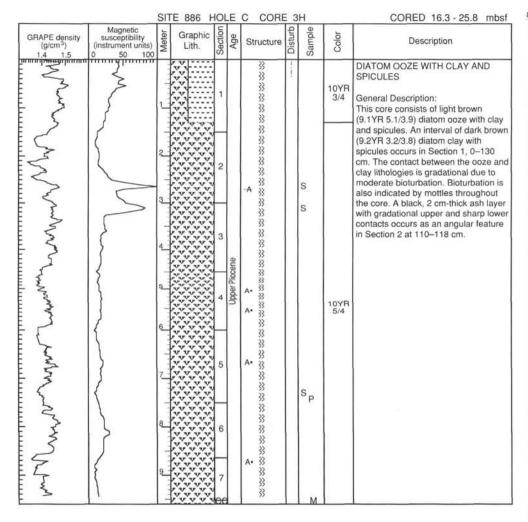


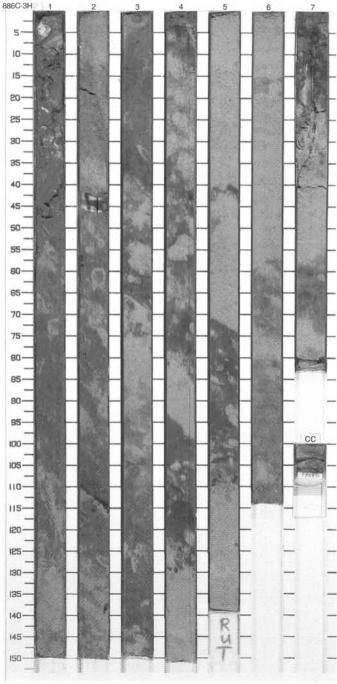
	Magnetic	T	TE 886 H	-	-		-			CORED 0.0 - 6.8 mbst
GRAPE density (g/cm <sup>3</sup> ) 1.4 1.5	susceptibility (instrument units) 50 100	Meter	Graphic Lith.	Sectio	Age	Structure	Distur	Sample	Color	Description
They want have from from from from from from from from		3 4 6		3 3	Pleistocene	(P)		S	7.5YR 4/4	General Description: This core consists of reddish brown (8.7YR 3.6/4.0) clay. An interval of diatom ooze with gradational upper an sharp lower contacts occurs in Section 4, 136 cm to Section 5, 10 cm. A black ash layer with sharp upper and lower contacts is present in Section 1, 43–44 cm. Ash-filled burrows occur in Section 3, 70–76 cm. An altered pyrite concretion that is 2 cm in diameter and exhibits limonite surface staining occurs in the Core Catcher, 4–6 cm. Bioturbation is indicated by the presence of light brown mottles of clayey spicule ooze throughout the core.

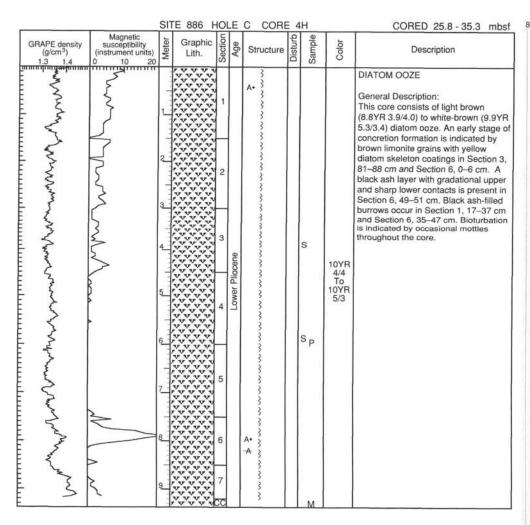


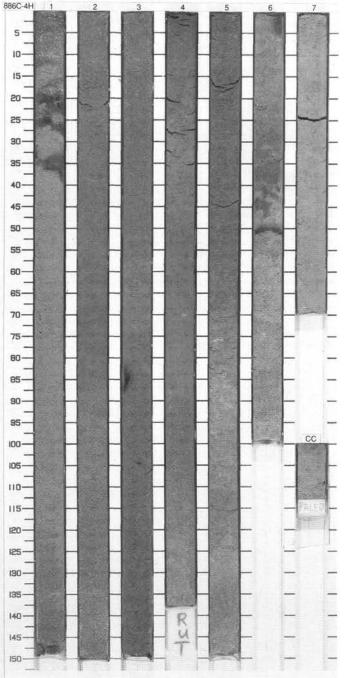
		SIT	TE 886 H	101	LE	C CORE	Ξ 2	H		CORED 6.8 - 16.3 mbsf
GRAPE density (g/cm <sup>3</sup> ) 1.4 1.5	Magnetic susceptibility (instrument units) 50 100	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
A SANDANA MANANA		1 2 5	***************************************	3 4	Upper Pliocene -Pleistocene	**************************************		S	7.5YR 3/4	SPICULE CLAY  General Description: This core consists of dark brown (8.8YR 3.4/4.1) spicule clay. A light brown (9.2YR 5.0/4.1) interval of clayey diatom ooze occurs in Section 5, 130 cm to Section 6, 70 cm. Bioturbation is indicated by light brown mottles throughout the core. Black ash-filled burrows occur in Section 1, 33–53 cm and Section 2, 60–64 cm and 125–127 cm.
				6		» » » » »		S	7.5YR 5/4 7.5YR 3/4	



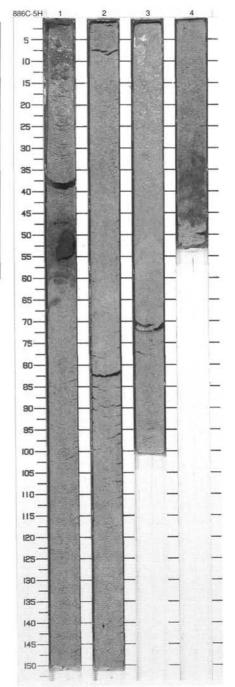


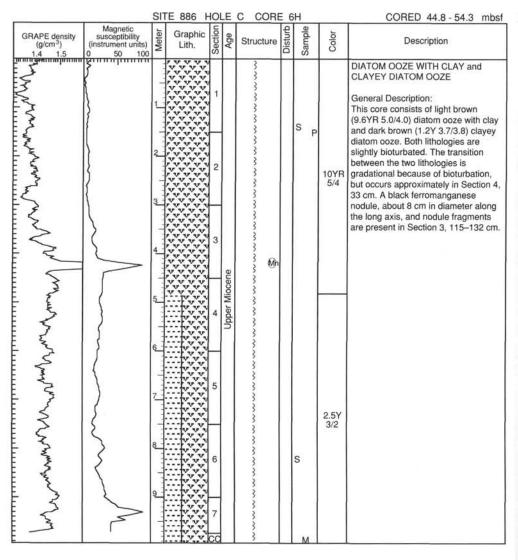


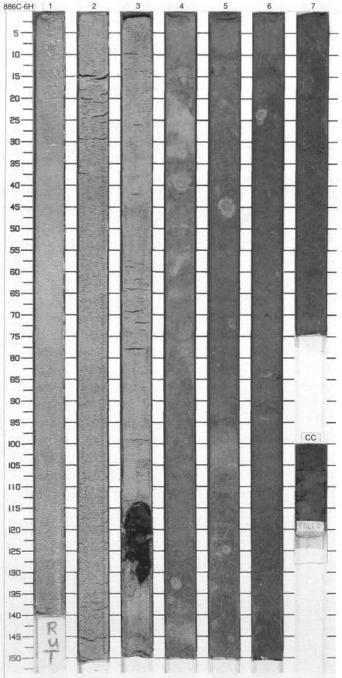




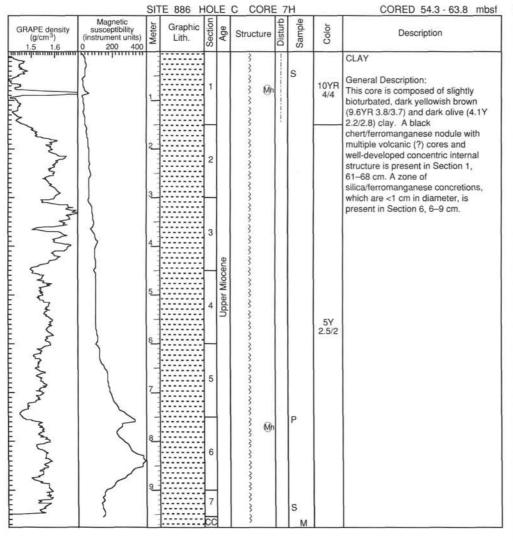
		SIT	TE 886 H	101	E	C CORE	5	H		CORED 35.3 - 44.8 mbsf
GRAPE density (g/cm <sup>3</sup> ) 1.3 1.4 1.5	Magnetic susceptibility (instrument units) 25 50	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
Wy prost Mary man man from the second		3_4_		2	Upper Miocene -Lower Pliocene	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		S	10YR 5/4	DIATOM OOZE  General Description: This core consists of slightly bioturbated, light brown (9.9YR 5.2/4.2) diatom ooze. Distinct intervals of black burrows filled with diatom ooze and limonite are present in Section 1, 55–67 cm and Section 4, 31–48 cm. A ferromanganese nodule, 6 cm in diameter, occurs in Section 1, 50–56 cm. All of the Core Catcher (3 cm) was used for paleontological analysis.

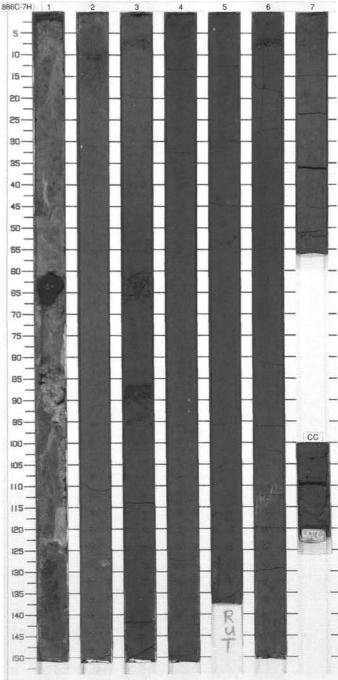




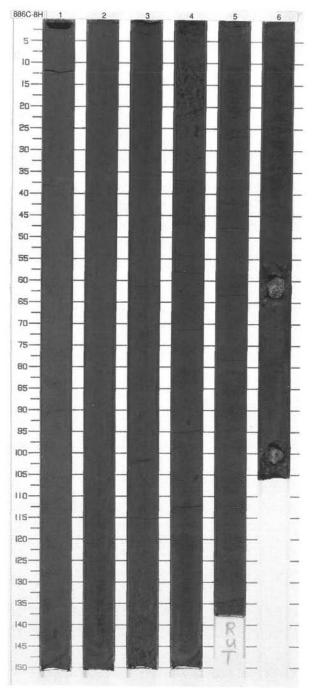


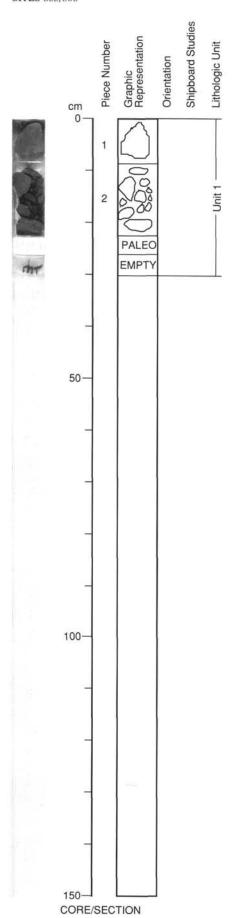
SITES 885/886





	SI	TE 886 H	101	E	C CORE				CORED 63.8 - 72.4 mbsf
GRAPE density (g/cm³) Magnetic susceptibility (instrument units 1.4 1.6 1.8 0 125 25		Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
and war	1_ 2_ 3_ 4_ 6_ 7_		3 4	Upper Miocene	~ ^ ^ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		S M	7.5YR 3/2	CLAY  General Description: This core contains homogeneous and slightly bioturbated very dark brown (6.6YR 2.1/1.8 to 7.3YR 1.9/1.6) clay, which is slightly bioturbated. Highly altered palagonitic? basaltic cobbles are present in Section 6, 57–64 cm (with remnants of a glassy rim) and in Section 6, 98–102 cm (surrounded by a weathered (rotten) zone). All of the Core Catcher (4 cm) was used for paleontological analysis.





## 145-885A-7H-1

# **UNIT 1: APHYRIC BASALT**

### Pieces 1-2

CONTACTS: Top: quenched; bottom: not seen, placed by top of next unit.

CONTACTS: Top: quenched; bottom: not seen, placed by top of next unit.

PHENOCRYSTS: Only a few seen, randomly distributed single crystals.

Plagioclase - <1%; 0.5—1.5 mm; subhedral, moderately to highly altered.

Olivine - <<1%; 0.5 mm; subhedral, highly to completely altered.

GROUNDMASS: Microcrystalline.

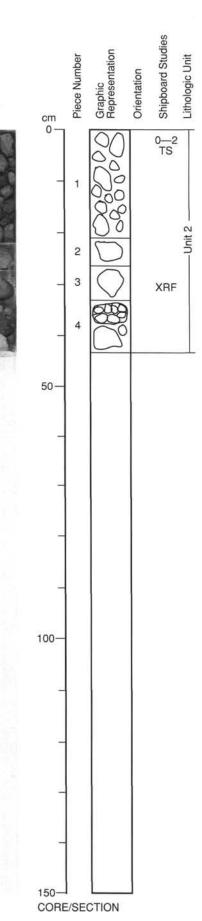
VESICLES: <<1%; <1.0 mm; round; random distribution; only a few seen, all are completely infilled with yellowish white clay.

COLOR: Burnt orange at top, to dark brownish gray.

STRUCTURE: Sheet or flow.

STRUCTURE: Sheet or flow.

ALTERATION: Moderately to highly altered. VEINS/FRACTURES: None seen.



### 145-885A-8X-1

# **UNIT 2: APHYRIC BASALT**

# Pieces 1-4

CONTACTS: Top: glassy cobble in Piece 1; bottom: not seen, end of hole.

PHENOCRYSTS: Only a few seen, randomly distributed single crystals, one plagioclase is 2 mm, one glomerocryst seen in Piece 3.

Plagioclase - <<1%; <1.5 mm; subhedral, moderately to highly altered.

Olivine - <<1%; <1.0 mm; subhedral, highly to completely altered.

GROUNDMASS: Microcrystalline.

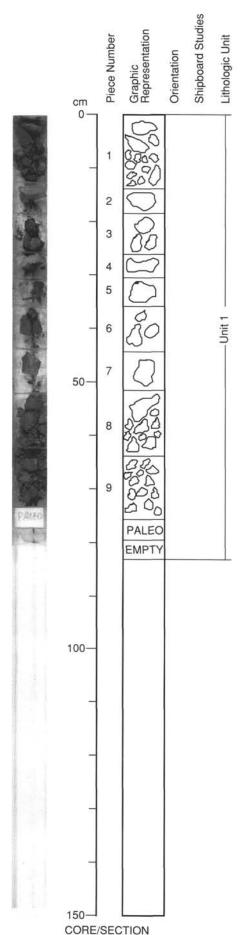
VESICLES: None seen.

COLOR: Burnt orange glassy cobble in Piece 1, to dark brownish gray in Pieces 2 and 3, to dark gray in Piece 4.
STRUCTURE: Sheet or flow.

ALTERATION: Moderately to highly altered.

VEINS/FRACTURES: None seen.

ADDITIONAL COMMENTS: Piece 4 appears to be the least altered.



### 145-886B-9X-1

# **UNIT 1: APHYRIC BASALT**

## Pieces 1-9

CONTACTS: Top: not seen, top of basement; bottom: not seen, end of hole. PHENOCRYSTS: Only a few seen, randomly distributed single crystals. Plagioclase - <<1%; <2.0 mm; subhedral, highly to completely altered. Olivine - <<1%; <1.5 mm; subhedral, very highly to completely altered.

GROUNDMASS: Microcrystalline.

VESICLES: None seen.

COLOR: Exterior of cobbles are variegated burnt orange-yellow-dark brown-dark gray, cut surfaces are

STRUCTURE: Unknown.

ALTERATION: Highly to very highly altered. VEINS/FRACTURES: None seen.