MGG 06115020

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°36.6'

LONGITUDE 118°11.6'

STATION NO. 1

LINE NO.

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
1D2	45	Smear only	Clayey sand	

REMARKS:

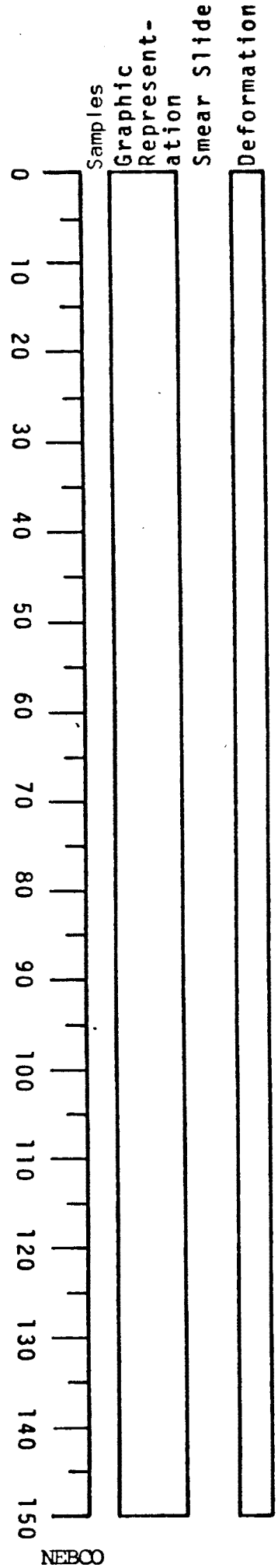
NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	7	8	S	C				1	D	2			

STATION#				OBSERVER
			1	

Smear of olive green silty clay, 2 gm.



USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}36.3'$

LONGITUDE $118^{o}1.12$

STATION NO. 2

LINE NO. 2

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

[ ]	[X]	[ ]
DRY	COLD	FROZEN

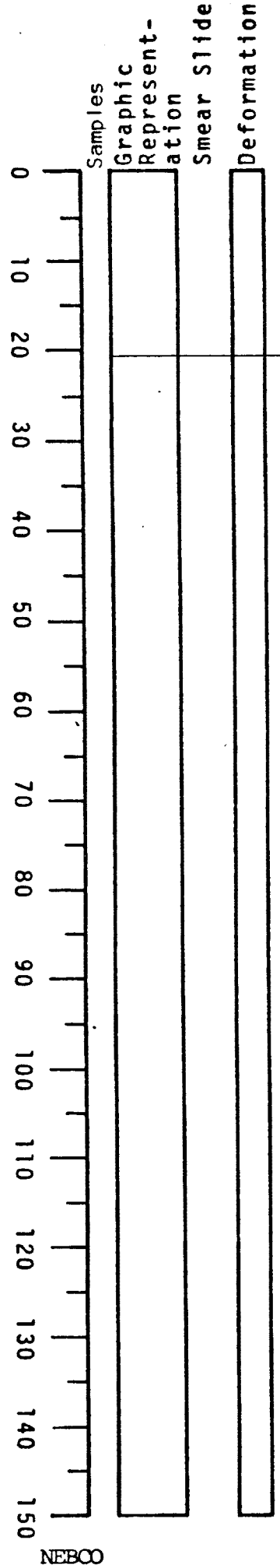
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
2D1	46m	19cm	Fine sand	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR									SAMPLE NO.				SEC.	
S	2	-	7	8							2	D	1	1

STATION#				OBSERVER
			2	



7 cm contact (?)

13 cm contact (?)

Bottom 19 cm.

0-7 cm. Olive gray to light olive gray (Y3/5) very slightly cohesive silty clay

7-13 cm. Olive gray clayey silty w/abundant

13-19 cm. Olive gray very fine sandy silt; no apparent shell frag.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}36.6'$

LONGITUDE $118^{o}12.1'$

STATION NO. 2

LINE NO. Transit

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

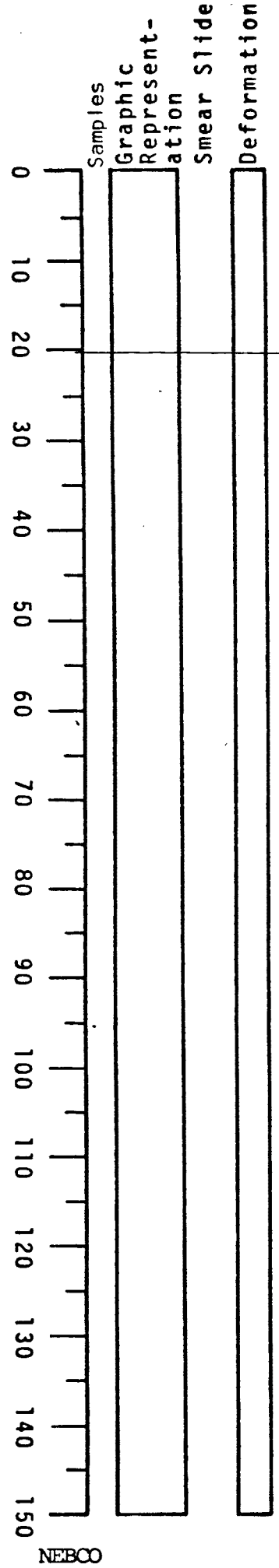
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
2D1A	46m	20 cm	silty sand	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	-	7	8	-	S	C			2	D	14	1

STATION#				OBSERVER
			2	J.L.



Silty questionable grading. Olive gray (5Y3/2) in color. Shell fragments appearing 9cm-13 cm. Larger shell frags. are 4mm in length.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}36.5$

LONGITUDE $118^{o}12.2'$

STATION NO. 3

LINE NO. Transit

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

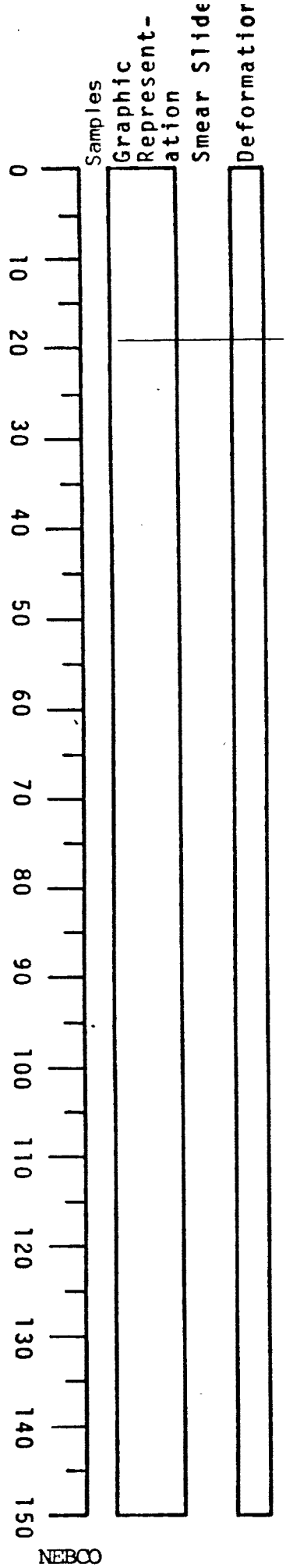
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
#d1	47	18 cm	Silty fine Sand	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C			3	D	1		1

STATION#				OBSERVER
			3	



Dark gray silty sand slightly compacted. Core was not sectioned. Uniform throughout.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°35.8'

LONGITUDE 118°10.9'

STATION NO. 4

LINE NO. Transit

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

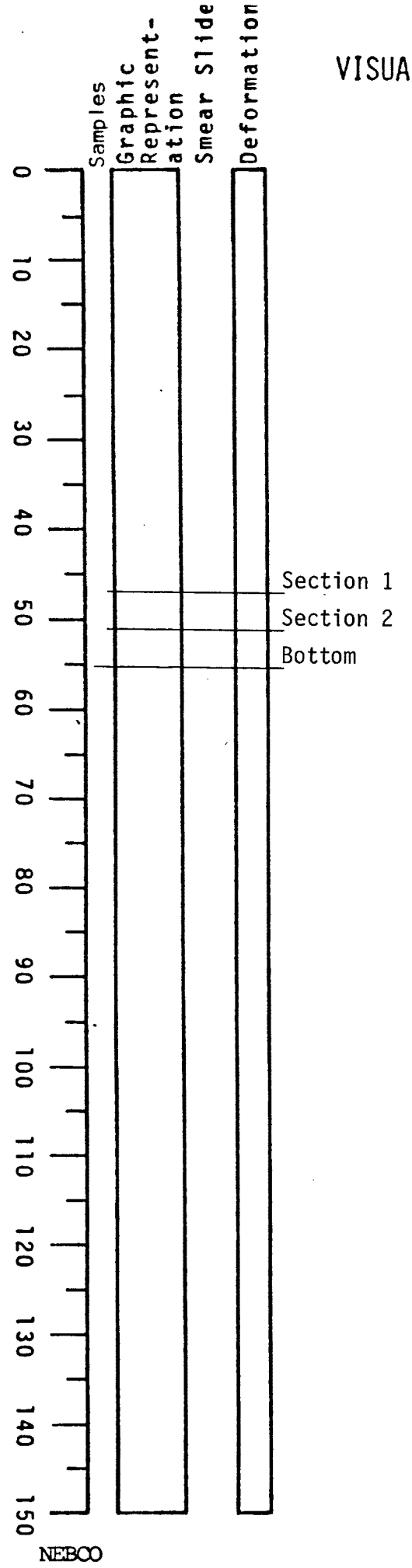
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
4D1	41	48 cm	Clay with sand layers	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C			2	D	1		1

STATION#				OBSERVER
			2	J.L.



USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°35.39'

LONGITUDE 118°11.5'

STATION NO. 5

LINE NO. Transit

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

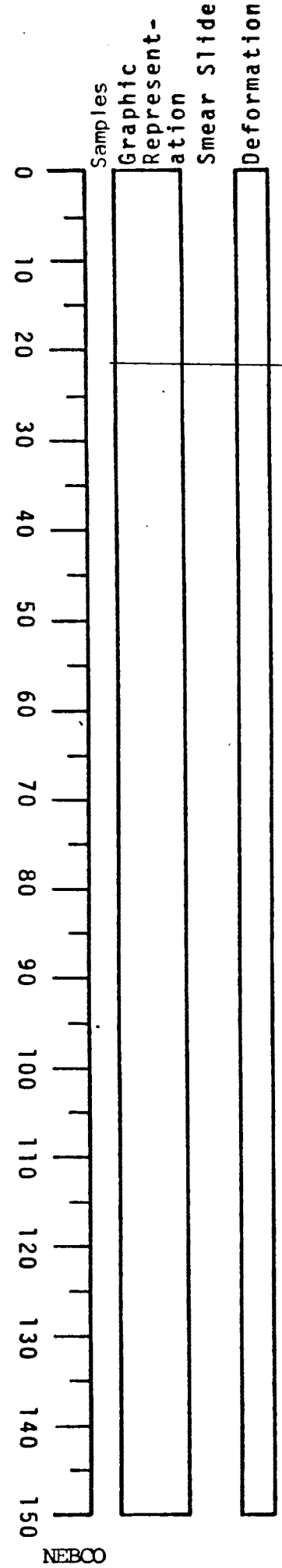
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
5D1	60	21 cm	Sandy clay with shell fragments.	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR										SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	c					5	D	1		1

STATION#				OBSERVER
			5	J.L.



Bottom

Massive 5Y4/3 fine sand to silty clay slightly cohesive w/raggedy shell frag. up to 5 mm in regularly & scanuty dispersed throughout; poorly on non-compacted.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}35.95'$

LONGITUDE $118^{o}09.40$

STATION NO. 6

LINE NO. Transit

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

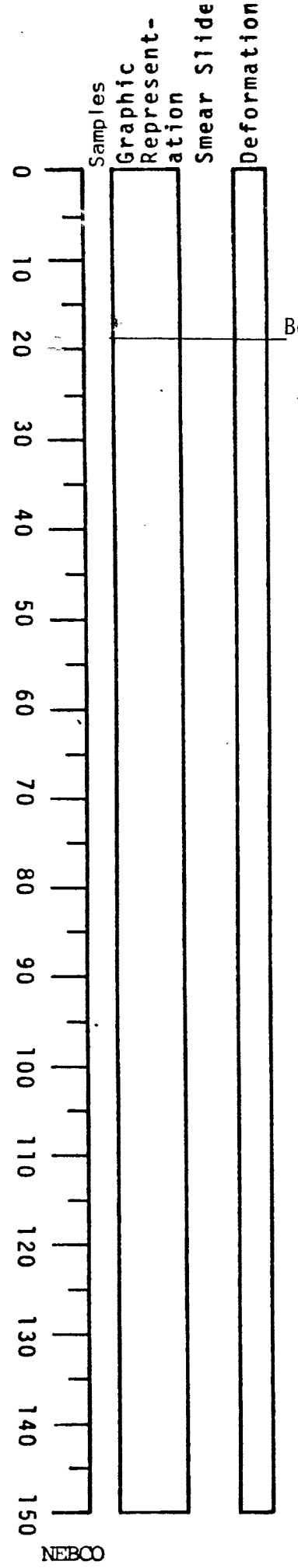
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
6D1	43	17 cm	Silty sand w/ cr. sand toward bottom	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	-	7	8	S	C				6	D	1	

STATION#				OBSERVER
			6	R



Bottom 19 cm.

17 cm. 5Y3/2 massive barely cimpacted clayey silt. Sand from 9-14 cm. with sml(2m) shell frags. abundant.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}35.7'$

LONGITUDE $118^{o}08.7$

STATION NO. 7D1

LINE NO. Transit

DAY/MONTH/YEAR

DATE 5/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

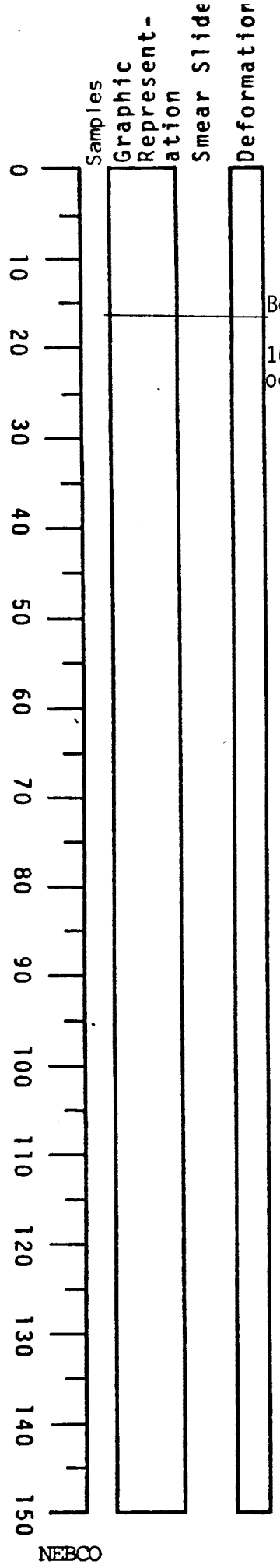
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
7D1	45	17 cm	Fine sand	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C			7	D	1		

STATION#				OBSERVER
			7	R



16 cm; clayey silt; 5Y5/3; slightly compacted; undifferentiate
occ. sharp shell frag. 3mm adhesing to surface.

USGS STATION LOG

SHIP / LEG: S2-78-SC

LATITUDE: 33°35.35

LONGITUDE: 118°09.40

STATION NO.: 8

LINE NO.: Transit

DAY/MONTH/YEAR

DATE: 5/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

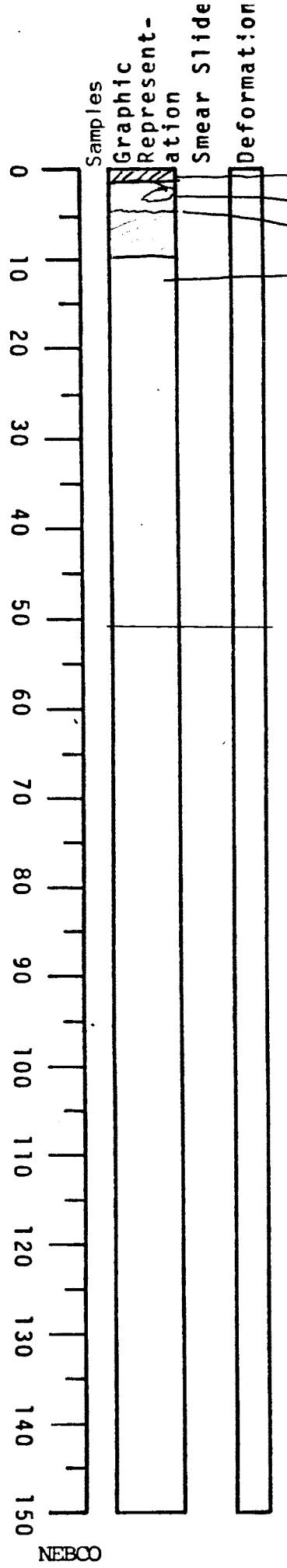
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
8D1	45	53 cm	Mud	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C			8	D	1		

STATION#				OBSERVER
			8	



NB: ½ cup soup of sand as in "0 to 2 cm" accompanies core.

0-2 cm. Mod. olive brown to olive gray 5Y 4/3 foraminiferal sandy silt w/ occ. shell frag 3mm.

2-4½ cm. Mod olive brown (5Y3/2) micaceous clay; burrow 2 cm in width filled w/ overlying material.

4½-9½ cm. Light gray (N7) fine grained; uniform; cohesive;? pod-like structures;? clastic;? carbonate (did not react to dil. HCL? tuffacous.

9½to 51 cm. massive olive brown (5Y3/2) undifferentiated sticky, compacted clay w/ very rare (?) shell frag. 1m

51 cm. Bottom.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}33.007$

LONGITUDE $118^{o}12.90$

STATION NO. 9

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

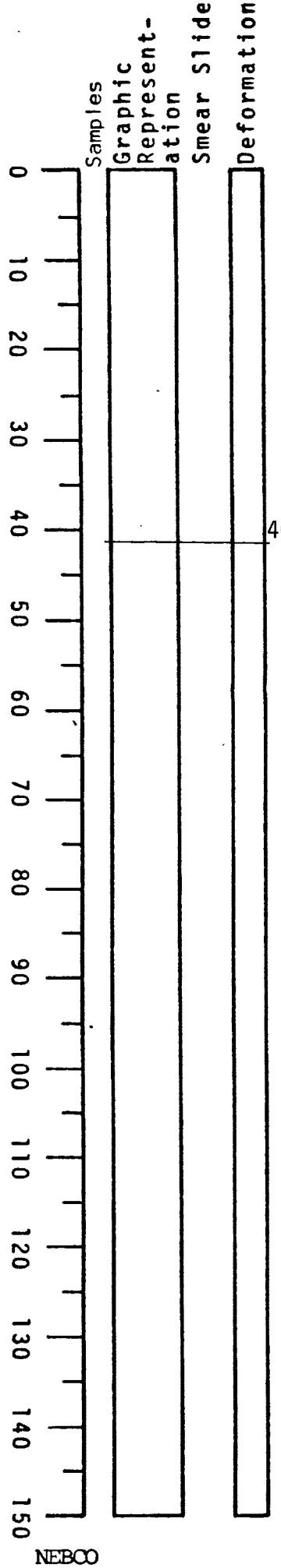
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
9D1	253	40 cm	Slightly	clayey

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C			9	D	1		

STATION#				OBSERVER
			9	R



40 cm of olive gray (5Y3/2) apparently undifferentiated miccacous, foraminiferal silty clay

USGS STATION LOG

SHIP / LEG: S2-78-SC

LATITUDE: 33°32.5'

LONGITUDE: 118°13.25'

STATION NO.: 10

LINE NO.: Transit

DAY/MONTH/YEAR

DATE: 5/5/78

TYPE OF STORAGE (check one)

	DRY	COLD	FROZEN
		X	

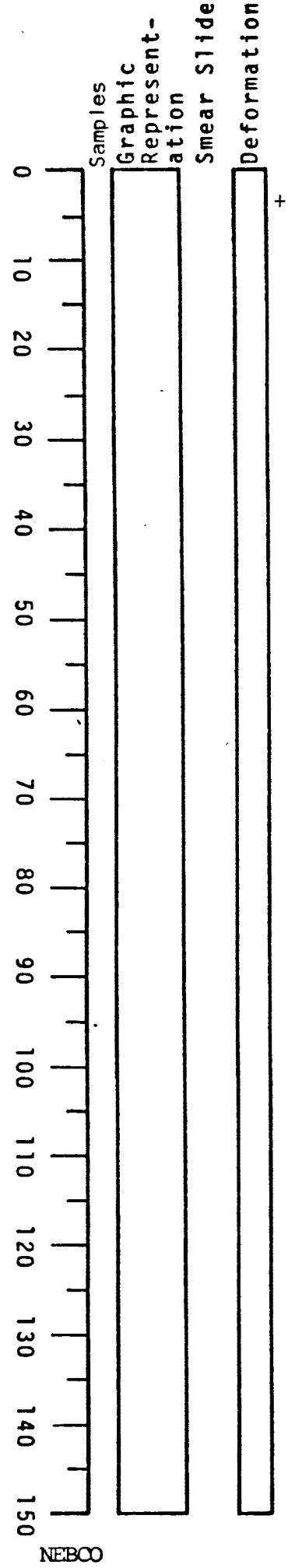
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
10D1	275	54 cm	Mud	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		1	0	D	1		

STATION#				OBSERVER
		1	0	R



+ 4cm. in bag

Contact

0-4 cm. olive gray (5Y3/2) sticky mud/clay

4 cm. broken sfce.: gray material described @ Sta. 8D1 (?) interfingered olive gray mud; moderat redish brown (10R4/6) patch exposed near edge.

9 cm. Interplace of olive gray silty clay & clay

9-50 cm. Massive, cohesive, undiff. olive gray clay.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}35.76$

LONGITUDE $118^{o}8.92$

STATION NO. 11

LINE NO. _____

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

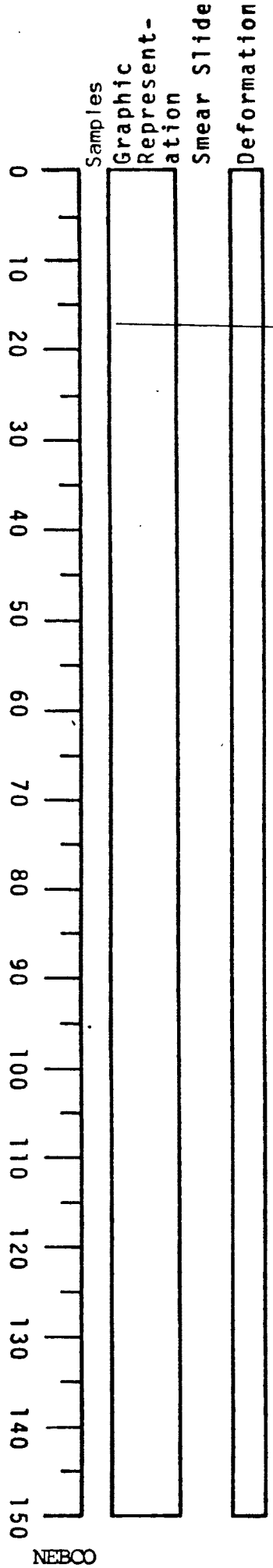
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
11D1	45	17 cm	Sandy silt	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		1	1	D	1		

STATION#				OBSERVER
		1	1	R



Bottom

Mod. olive gray brown (5Y4/3) silty, fine, foraminifenal sand

Contact? When ?

Bottom cms. sandy w/ shell material up to 15 mm & sub-rounded pebbles up to 18 mm, dark gray (N3) in color.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°35.376

LONGITUDE 118°08.454

STATION NO. 12

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

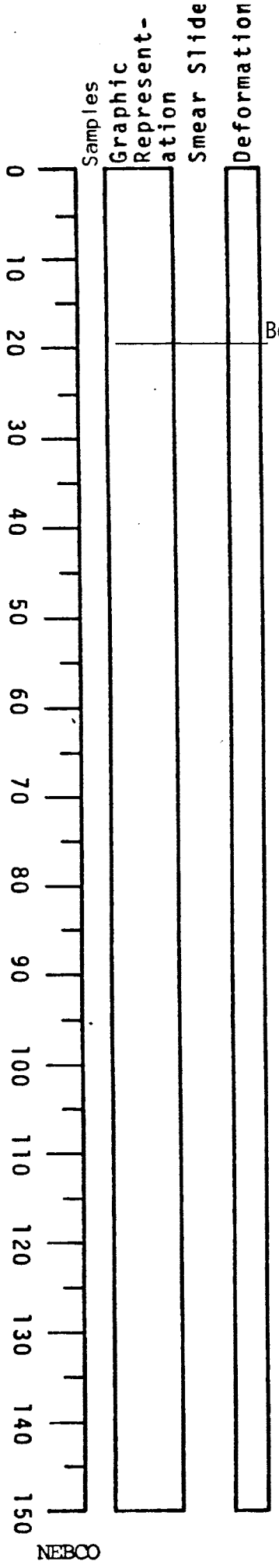
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
12D1	49	18 cm.	Sand & pebbles	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		1	2	D	1		

STATION#				OBSERVER
		1	2	R



Contact (?)

Bottom

0-4½ cm. olive gray (5Y3/2) V.fine, silty, foramaniferal sand.

4½-18 cm. mud dark gray (N4) dirty micacous fine to almost mud snad

Bottom 3 cm.-@ least-pebbly w/shell frag. up 3m. & sub-rounded (N3) pebbles

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°35.466

LONGITUDE 118°08.285

STATION NO. 13

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
13D1	50m	18½ cm	Shelly sand	

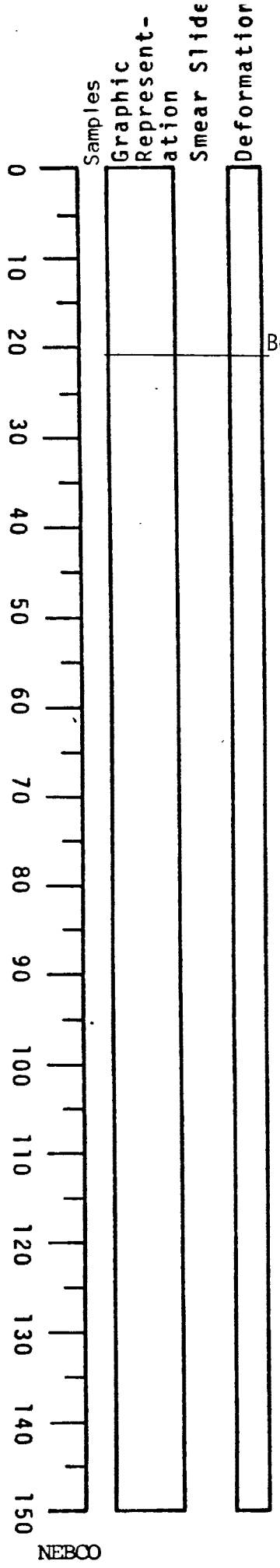
REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		1	3	D	1		

STATION#				OBSERVER
		1	3	R

NEAT CORE



Bottom 18½

0-4 cm. Mod olive brown (5Y4/4) silty sand; foramaniferal; micacious.

4-14½ cm. Shelly (5Y4/4) foramaniferal sand

14½-18½ cm. Dark greenish gray (5GY4/1) sandy silt; slightly compacted.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°39.653

LONGITUDE 118°03.087

STATION NO. 14D1

LINE NO.

DATE (DAY/MONTH/YEAR) 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
14D1	15m	16 cm	Sandy silt	

REMARKS:

USGS STATION LOG

SHIP / LEG S8-78-WC

LATITUDE 33°39.653

LONGITUDE 118°03.087

STATION NO. 14D1

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

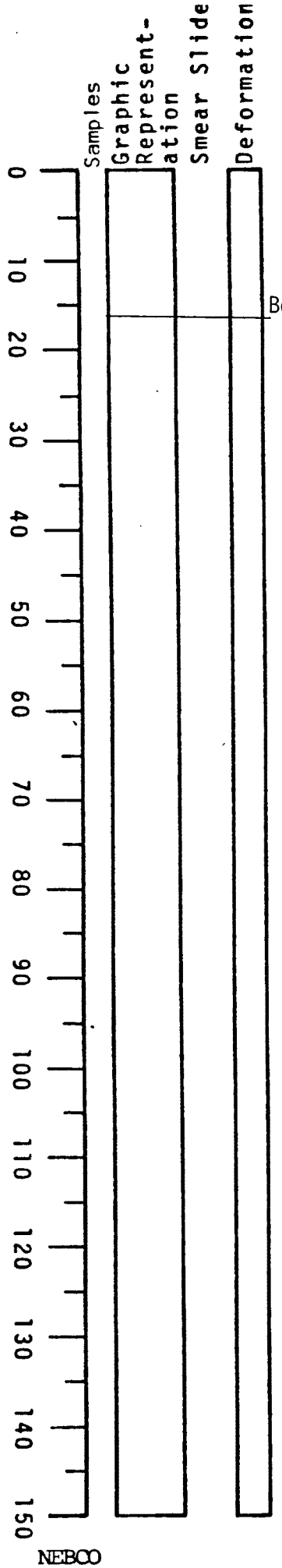
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
14D1	15m	16 cm	Sandy silt	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	-	7	8	-	S	C		1	4	D	1	

STATION#				OBSERVER



Bottom 16 cm

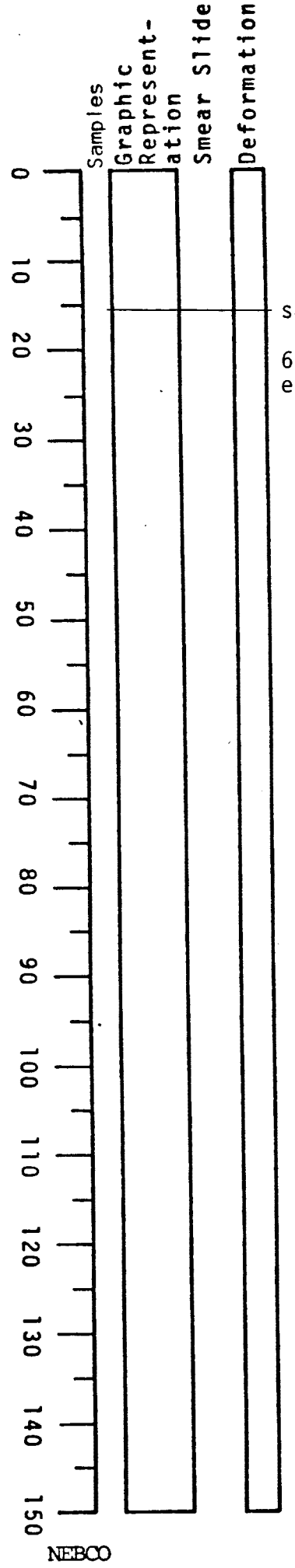
0-6 cm. olive gray(5Y3/2) v. fine sandy silt; micacious

6-16 cm. Mod. dark gray (N4) v. fine sandy silt; undifferentiated

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		1	4	D	1		

STATION#				OBSERVER
		1	4	R



0-6 cm. olive gray (5Y3/2) v. fine sandy silt; micaccous

6-16 cm. Med. Dark gray (N4) v. fine sandy silt; undiffer entiated

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}39.36$

LONGITUDE $118^{o}02.99$

STATION NO. 15D1

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
15D1	15	7/3 cup	Sandy silt	

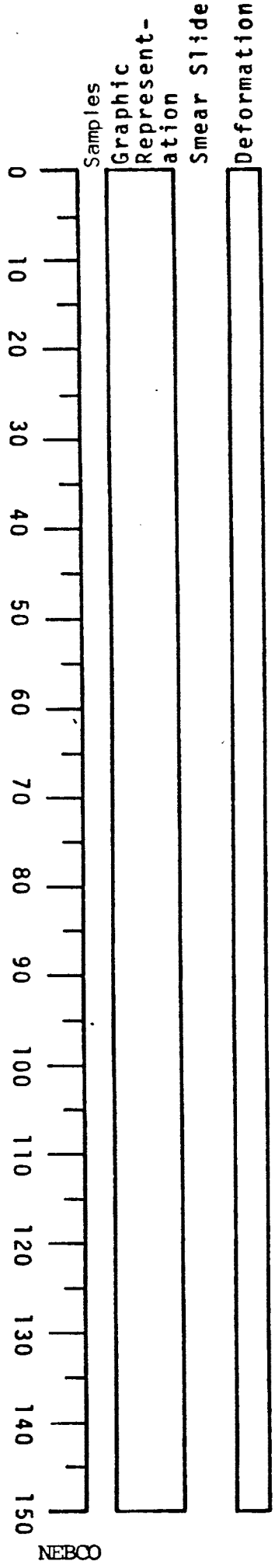
REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		1	5	D	1		1

STATION#				OBSERVER
		1	5	R

Olive gray (5Y3/2) micaceous sandy silt



SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 15D1

STATION NO: 15D1

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
Top	1 cm	J.C Ingle	Stanford	Recent Foram	5/6/78

NEBCO

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°39.15

LONGITUDE 118°02.92'

STATION NO. 16

LINE NO.

DATE (DAY/MONTH/YEAR) 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

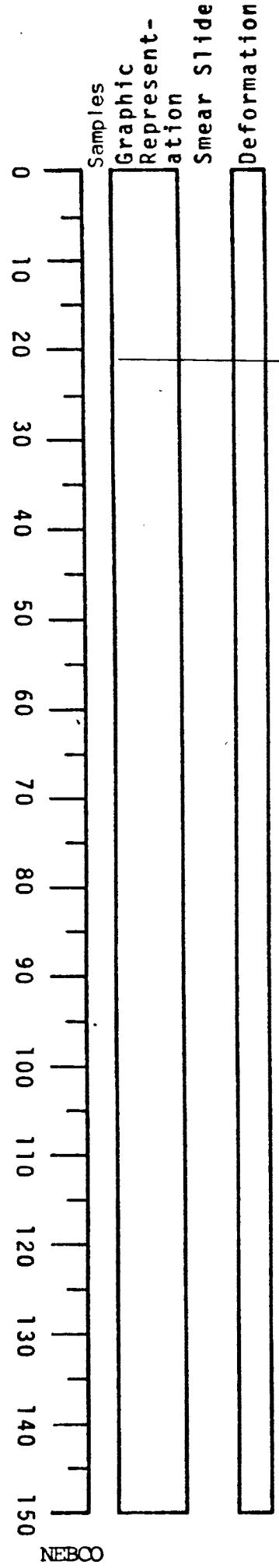
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
16D1	17 m	21 cm	Sand	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	S	C			1	6	D	1	1

STATION#				OBSERVER
		1	6	R



Bottom

Appears to be a uniform, undifferentiated greenish black (5G2/1) med. (¼-½mm) silty sand w/occ. sharp-edged shell frag; micaceous

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°23.34

LONGITUDE 117°57.03

STATION NO. 17

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

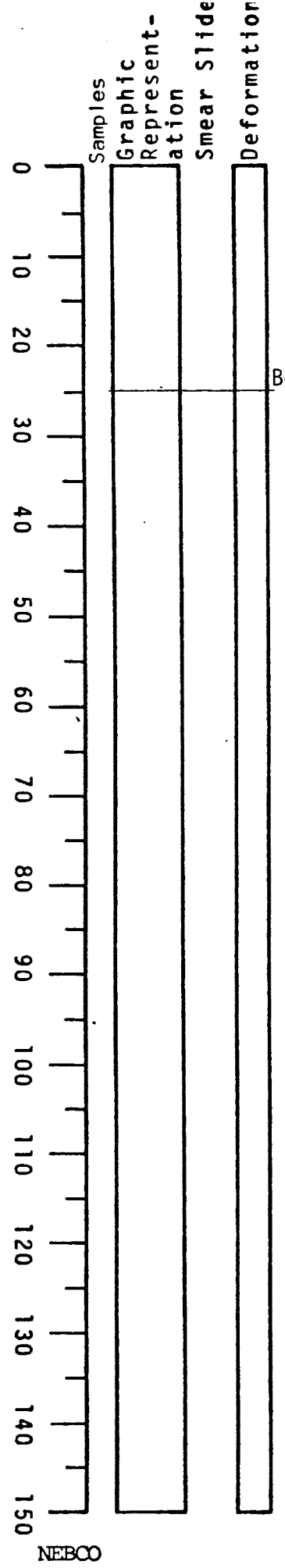
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
17D1	380	23 cm	Silt	

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		1	7	D	1	1

STATION#				OBSERVER
		1	7	



Bottom

Uniform undifferentiated olive gray (5Y3/2) slightly compacted silt.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}14.9$

LONGITUDE $117^{o}56.2$

STATION NO. 18G1

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
18G1	645	195 cm		

REMARKS: Core catcher sample in seperate container

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 18G1

STATION NO: 18

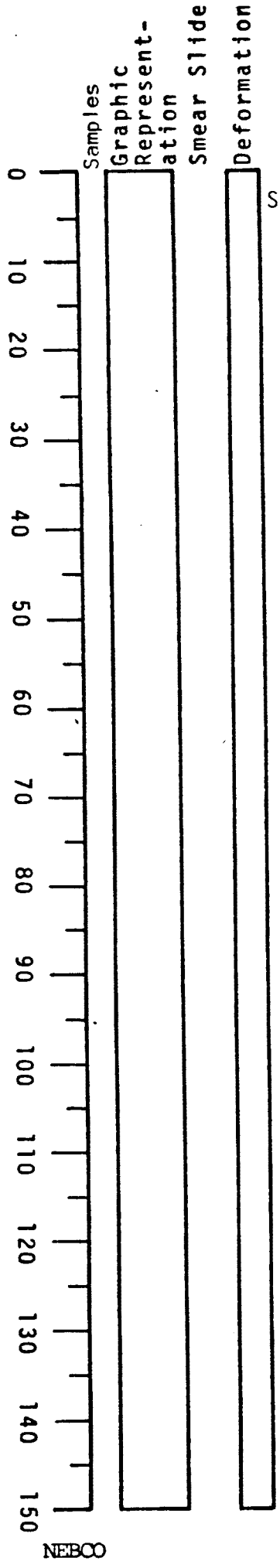
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	Top	Ingle	Stanford	Percent Forams	
1	0-3	Clarke	USGS	Texture	
1	77-79	"	"	Hydrocarbon	
2	197-199	Annual	USGS	Forams	

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		1	8	G	1	1

STATION#				OBSERVER
		1	8	Greene



0-44 cm Unconsolidated grayish olive (10Y4/2) mud. Massive, no sed. structures visible homogeneous texture.

45-70 cm. Well compacted mud with lenses of silt & glouconite (?) Highly bioturbated; faint laminea.

70-93 cm Med. grayish olive (10Y4/2) to olive gray (5y3/2) mud w/silty-mud lenses.and shell hash.

Sample 77-79 cm Hydrocarbon ?

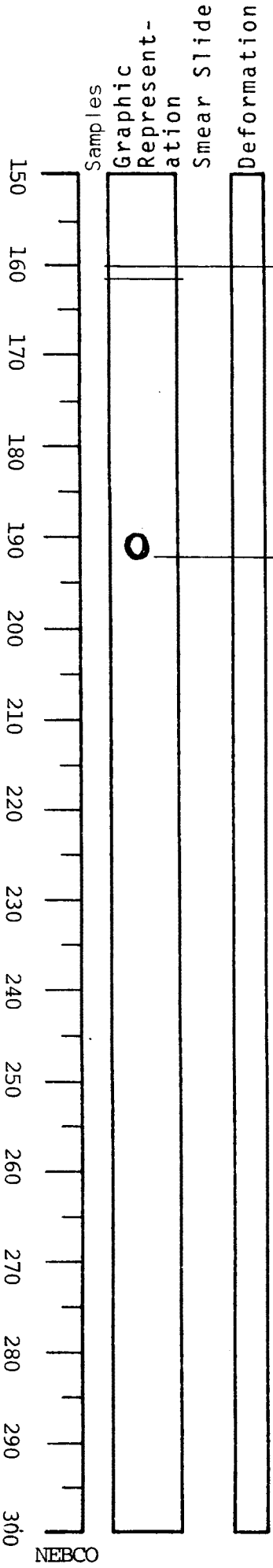
Erosimal contact? Bioturbated 93-106 cm.

93-160 Cone downward into a more massive olive gray (5Y3/2) silt.

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.						SEC.	
S	2	-	7	8	-	S	C			1	8	G	1		2

STATION#				OBSERVER
		1	8	Greene



Fine sand layer

160-end Med. olive gray (5Y3/2) silt with lenses and lamanae of greenish gray (5GY6/1) clay and fine silt. Homogeneous texture. Bioturbated.

Sample 190-192

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 18G1

STATION NO: 18

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
Top	1 cm	J.C. Ingle	Stanford	Recent Foram.	5/6/78

NEBCO

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}20.3$

LONGITUDE $117^{o}56.07$

STATION NO. 19

LINE NO.

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
19G1	579	151		

REMARKS: Core catcher sample in seperate container

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 19G1

STATION NO: 19

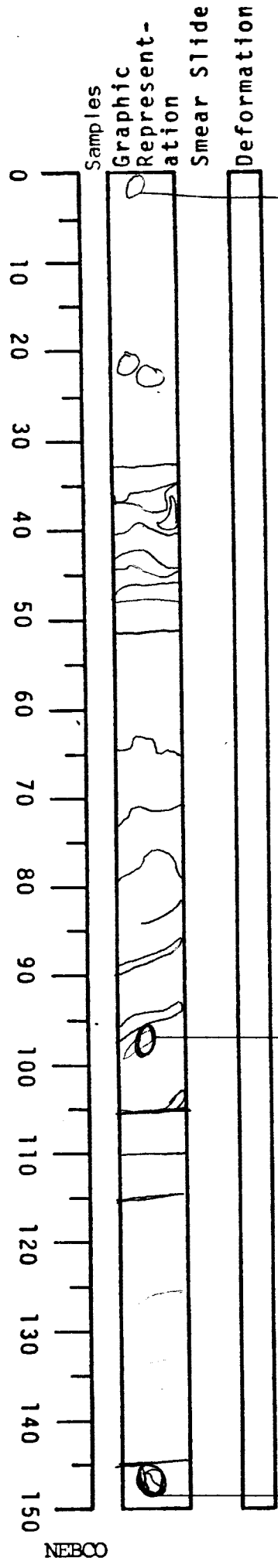
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	Top	Ingle	Stanford	Recent forams	
1	0-2 cm	Clarke	USGS	Text.	
1	99-101	Arnal	"	Forams	
1	147-199	Arnal	"	Forams	

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	c		1	9	G	1	1

STATION#				OBSERVER
		1	9	Greene



Sample 0-3 cm
Core length 151 cm.

0-33 cm Soupy to poorly consolidated grayish olive (10Y4/2) mud massive, homogeneous texture with well rounded 30-50 m pebbles.
Contact erosional ?

34-52 cm Poorly consolidate, mod. mud and silt-clay, light-olive gray (5Y5/1) Includes darker lenses (olive gray 5Y3/2) mud and silt. Bioturbated.

52-105 cm Well compacted silty-clay olive-gray (5Y3/2) in color. mod., s/streaks of dusty yellow (5Y6/4) bio-turbated, no distinct contacts.within this section.

Contact 110 cm.

110-145 cm Flat lying well layered silt. No bioturbation. Homogeneous texture. Olive gray (5Y3/2) in color. Fairly well compacted.

145-151 cm silty clay, olive gray (5Y3/2)

Sample 99-101 cm

Sample 147-149 cm

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 19G1

STATION NO: 19

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
Top	1 cm	J.C. Ingle	Stanford	Percent Forams	5/6/78

NEBCO

USGS STATION LOG

SHIP / LEG: S2-78-SC

LATITUDE: 33°19.5

LONGITUDE: 117°56.99'

STATION NO.: 20

LINE NO.:

DAY/MONTH/YEAR

DATE: 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
20G	655	1.73 m		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 20G

STATION NO: 20G

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-3 cm	Clarke	USGS	Texture	5/7/78
2	168-170	Arnal	"	Forams	"
1	112-114	Clarke	"	Forams	"

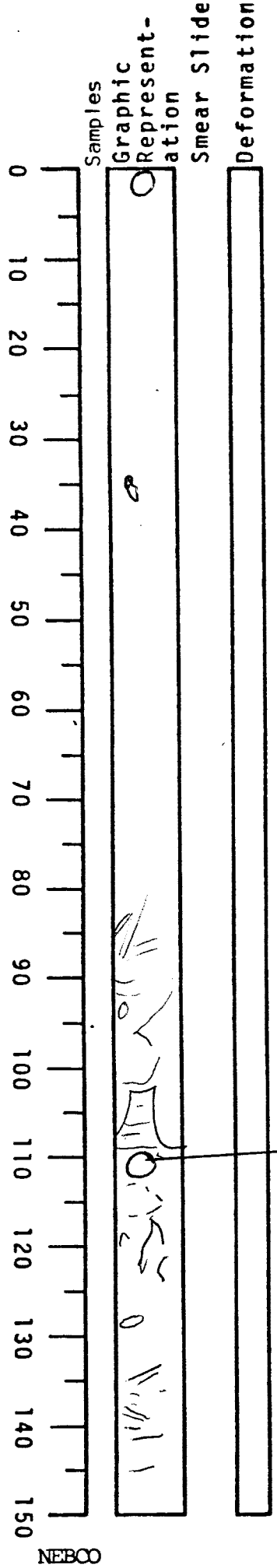
Check with Gary Greene

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	7	8	S	C				2	0	G	1	0	1

STATION#			OBSERVER
		2 0	



0-3 cm Sample

Clay-silt (Clayey) med. ol. gray. (7Y4/3) soft at top. Homogeneous. Textually uniform throughout. No distinct contacts. though burrow contact between lam. silt clay (Below) and homogeneous, bioturbated silt clay (above) may be present @ 104-110 cm.

Fine shell dibris throughout.

Burrow?

Burrowed from 46 cm-135 cm; extensive burrow mottling 80-100

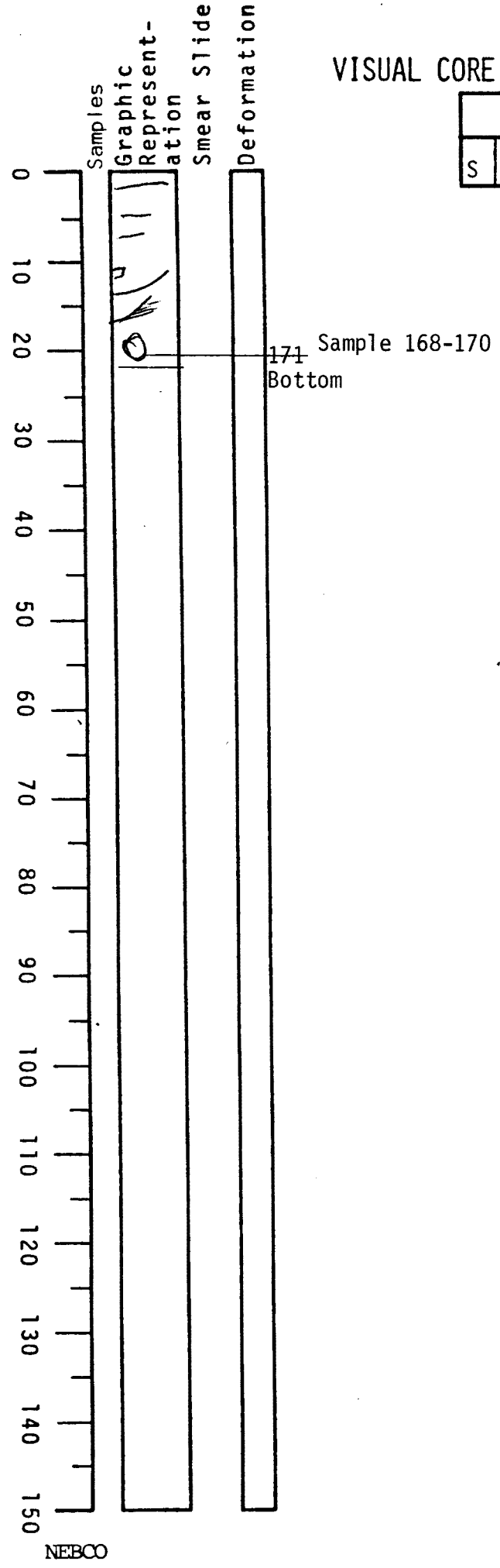
Contact(?) bioturbated sample 112-114

Lam-x lam(?) from 130-171 cm. olive gray 5Y3/2- grayish olive 10Y4/2. Micaceous

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		2	0	G	1	0	2

STATION#				OBSERVER
		2	0	



USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°21.47

LONGITUDE 117°50.17

STATION NO. 21

LINE NO. Transit

DAY/MONTH/YEAR

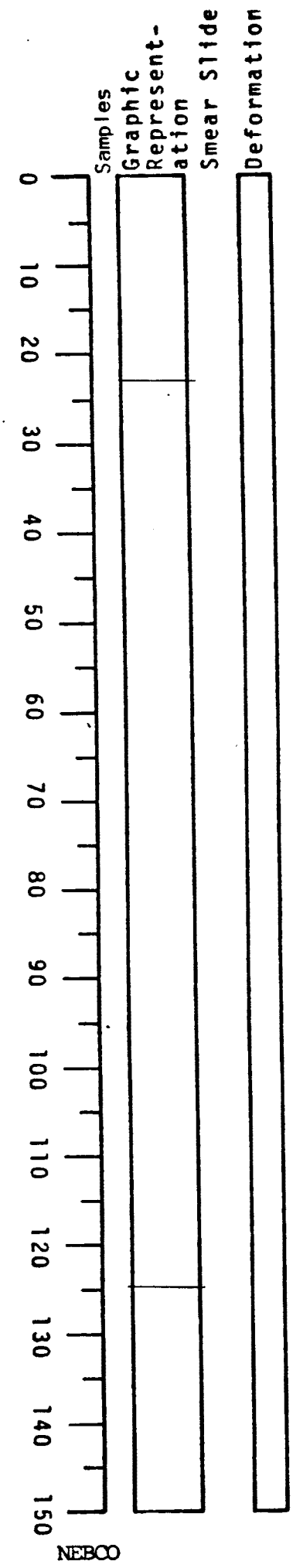
DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
21G	639	152		

REMARKS: Core catcher sample in seperate container



VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C			2	1	G	1

STATION#				OBSERVER
		2	1	MEF

0-22 cm Olive gray 5Y3/2 slightly clayey silt- homogeneous. no internal structures- disturbed portion fro coring.

22-124 cm Olive gray (5Y3/2) slightly clayey silt terrigenous-undisturbed section megascopically homogeneous- dominantly composed of detracted grains, some benthic forams, mica & plant frags (rare)

124-152 cm (Bottom)
Burrowed & interculated 5Y3/2 olive gray mud (above unit) & N4 gray fine sand. Burrows are well preserved & vary in shape from tube-like to equi dimensional. Sand is well sorted fine to v. fine qtz. + abundant huge min. assemblay

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 21G

STATION NO: 21

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
Top	1 cm	J Ingle	Stanford	Foram	5/6/78

NEBCO

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}21.473$

LONGITUDE $117^{o}50.554$

STATION NO. 22

LINE NO. Transit

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
22G1	622	190 cm		

REMARKS:

Core catcher sample in seperate container

SAMPLE LOG

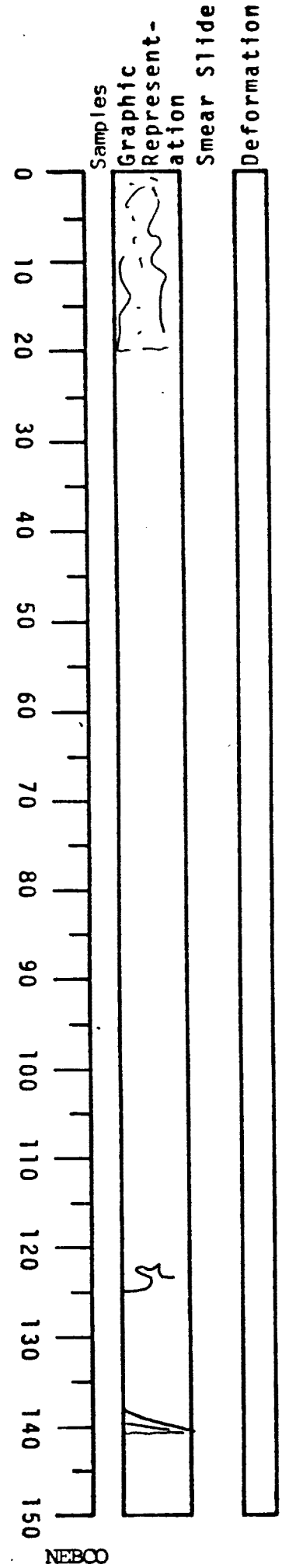
LOCATOR: S2-78-SC

SAMPLE NO: 22G

STATION NO: 22

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	1 cm	J. Ingle	Stanford	Foram	5/6/78
2	188-190	Clarke	USGS	Foram	5/7/78
1	0-3	"	"	Text.	"

NEBCO



VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		2	2	G	1	0	1

STATION#				OBSERVER
		2	2	

0-20 slurry, partially filled bbl. clay, somewhat silty greenish ol. 10Y4/2

20-124 cm same as above but more compact. Bioturb in lower part (below 70 cm.) becoming incr. bioturbated until depth down to 124 cm.

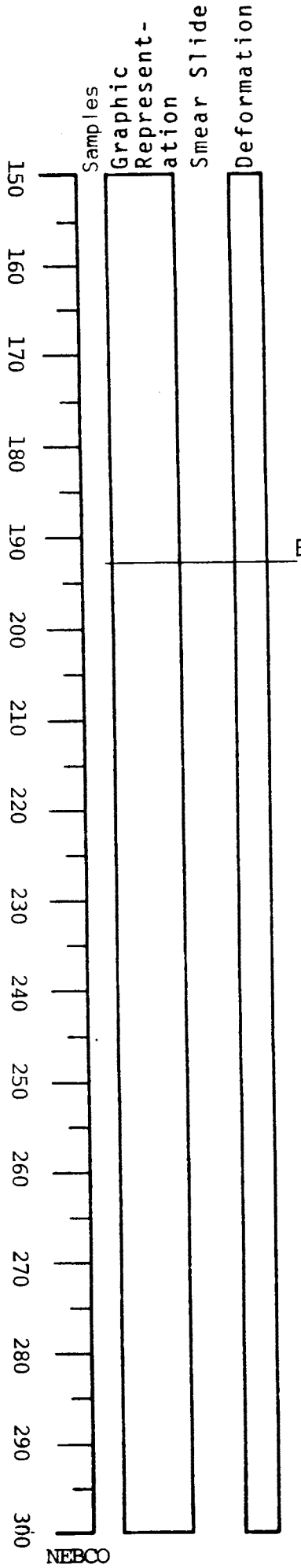
124-135 cm Silt, dk. green or gray (5YG4/1), with streaks & lenses of irreg. thick sand, fine-v. fine, med. gray (N5) in interval from 135-152 cm. Erosinal contact at 139-140 cm

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	S	C			2	2	G	1	0	2

STATION#				OBSERVER
		2	2	

Homogenous silt, dk. greenish gray 5G4/1, 152 cm-192 cm.



USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}19.723$

LONGITUDE $117^{o}37.730$

STATION NO. 23

LINE NO. Transit

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
23G	234	46 cm		

REMARKS: Core catcher in 1 qt. container split, upper 1 cm in

0-2 cm (text) and 41-43 (Foram)

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 23G1

STATION NO: 23

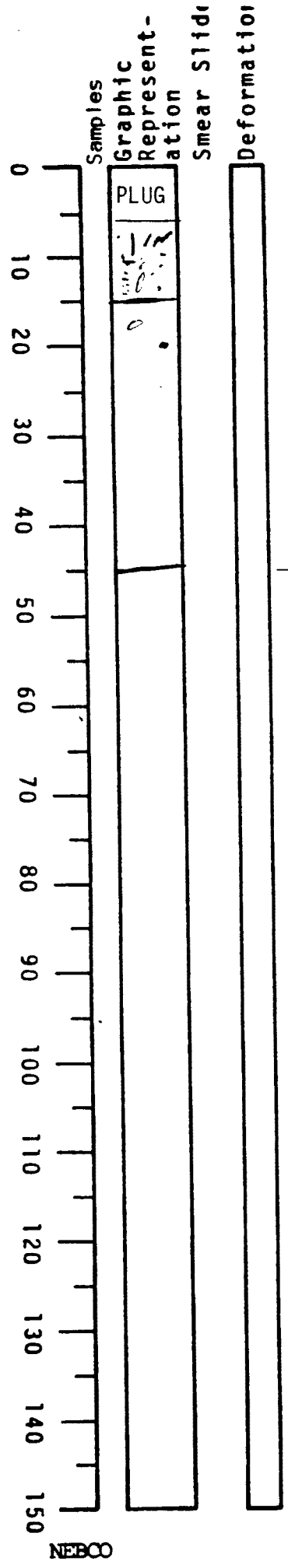
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
Top	1 cm	J. Ingle	Stanford	Forams	5/6/78
Top	2		USGS	Text.	5/7/78
Bottom	2		"	Forams	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		2	3	G	1	1

STATION#				OBSERVER
		2	3	



5-14 cm Grayish olive (10Y4/2) clayey fine sand, w/shell hash comprising calc. worm tubes, disart, mollnok valves, broken gastropod, ect.

14-44 cm olive gray (5Y3/2) clayey silt homogeneous, appears structureless.

—44 cm bottom

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}20.16'$

LONGITUDE $117^{o}36.70$

STATION NO. 24

LINE NO. Transit

DAY/MONTH/YEAR

DATE 6/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
24G	62	100 ml.		

REMARKS: 100 cc sample in plastic bag

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}41.21$

LONGITUDE $117^{o}22.5$

STATION NO. 25

LINE NO.

DAY/MONTH/YEAR

DATE 9/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
25G1	290m	125 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 25G1

STATION NO: 2

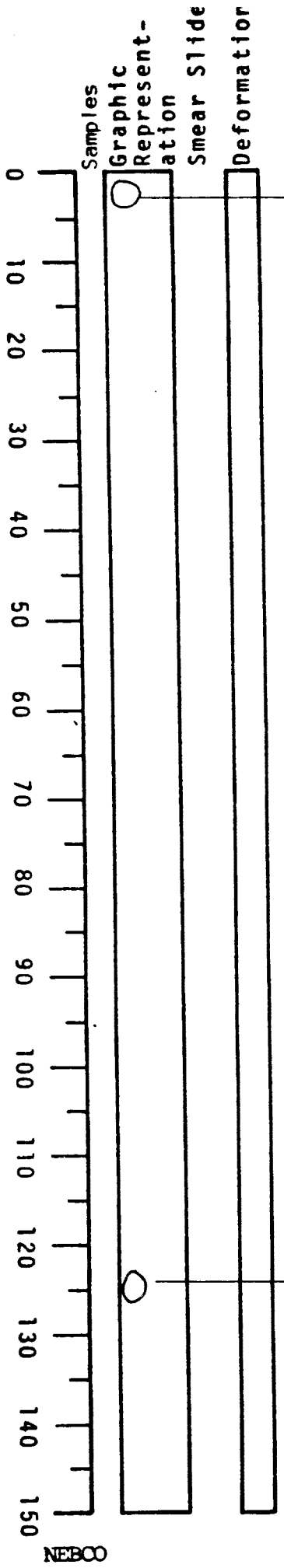
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-2 cm	J. Ingle	Stanford	Foram	
1	0-3		USGS	Text.	
1	122-125	Annal	"	Forams	

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 2 - 7 8 - S C	2 5 G 1	1

STATION#	OBSERVER
2 5	Green



0-95 cm Grayish olive (10Y4/2) mod. silty-clay. Homogeneous texture. Highly bioturbated. No distinct sed. structure.

95-125 cm Olive gray (5Y3/2) silt, poorly laminated, bioturbated, mod.:-distinct burrows. No distinct contacts.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°41.25'

LONGITUDE 117°22.60

STATION NO. 26

LINE NO. _____

DAY/MONTH/YEAR

DATE 9/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
26G2	303	140 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 26G2

STATION NO: 26

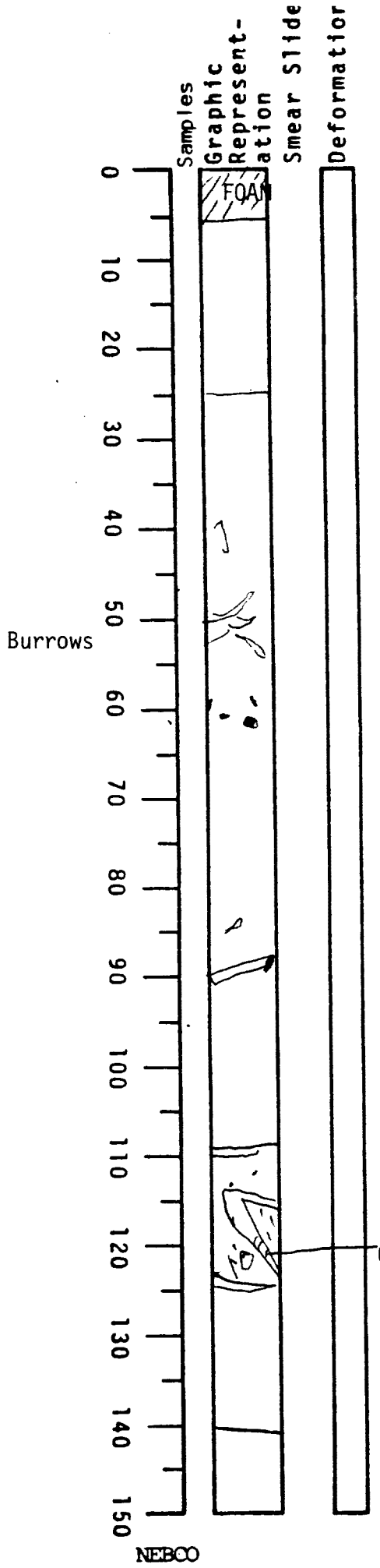
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-2 cm	Ingle	Stanford	Forams	5/9/78
	0-5	"	USGS	Text	5/12/78
	133-135		"	Age calls	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	-	7	8	-	S	C		2	6	G	2		2

STATION#				OBSERVER
		2	6	WCR



0-5 cm Foam filler

5-25 cm Grayish olive green (5GY3/2) clayey silt, homogeneous, soupy; water content decreases toward base where unit becomes very plastic.

25-110 cm Clayey silt grayish olive (10Y4/2); slightly mottled, mottling(?) becomes more pronounced at base of section; burrows? at 40-60 cm, 85 cm, and 93 cm: scattered shell fragments (½cm) at 60 cm and 90 cm.

110-140 cm Silt olive gray (5Y3/2) prominant burrows at 110 cm, 115-120 cm, and 123 cm; burrows filled w/clayey silt, grayish olive (10Y4/2); unbroken gastropod (1.5 cm) in burrow at 120 cm; 1 mm shell fragments scattered through section, mostly in non-burrowed sediment; section becomes very soupy at base 130-140 cm.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°43.3'

LONGITUDE 117°28.5'

STATION NO. 27

LINE NO.

DAY/MONTH/YEAR

DATE 9/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
27G1	530	215 cm		

REMARKS: Core catcher

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 27G1

STATION NO: 27

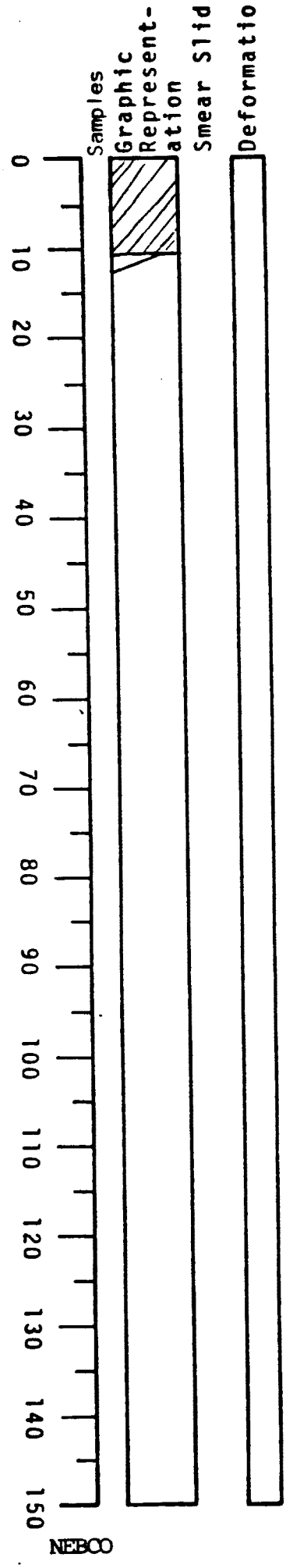
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Top	Ingle	Stanford	Foram	5/9/78
	11-13 cm		USGS	Text.	5/12/78
	213-215		USGS	Age calls	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	S	C		2	7	G	1		1	

STATION#				OBSERVER
		2	7	



0-11 cm Styrofoam & Lock filler

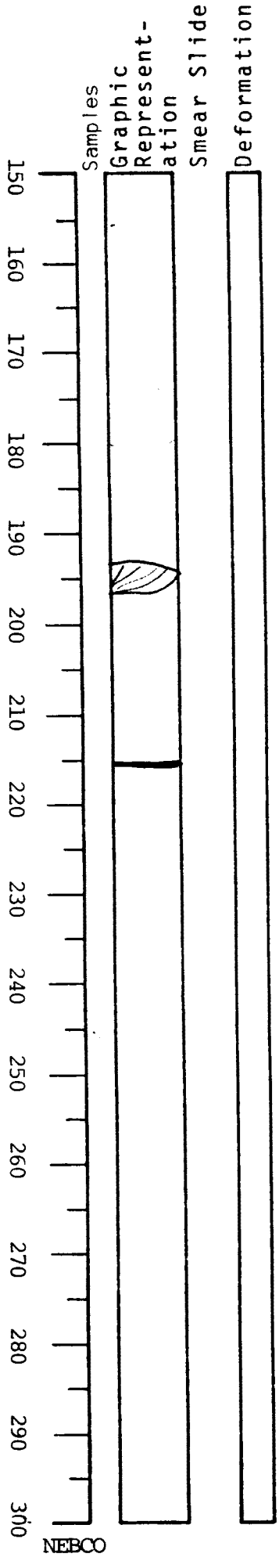
11-150 Clay-silt, clayey, grayish olive 10Y4/2, homogeneous bioturbated throughout, foramniferal

Smearslide 17,83,147 cm

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		2	7	G	1	2

STATION#				OBSERVER
		2	7	



156-180 cm same as above, but apparent flat lam. 4 mm thick.

150-186;
181-194;
196-215 cm Clay to clayey silt, greenish ol. (10Y4/2) homgeneous, bioturbated throughout, foraminiferal.

194-196 cm sand fine, finely x lam., greenish gray (5GY5/1 and med. gray (N4)

215 cm bottom

Smearslides 196, 212, cm.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}43.6'$

LONGITUDE $117^{o}28.2'$

STATION NO. 28

LINE NO.

DAY/MONTH/YEAR

DATE 9/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
28G1	543	208 m		

REMARKS: Core catcher

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 28G1

STATION NO: 28

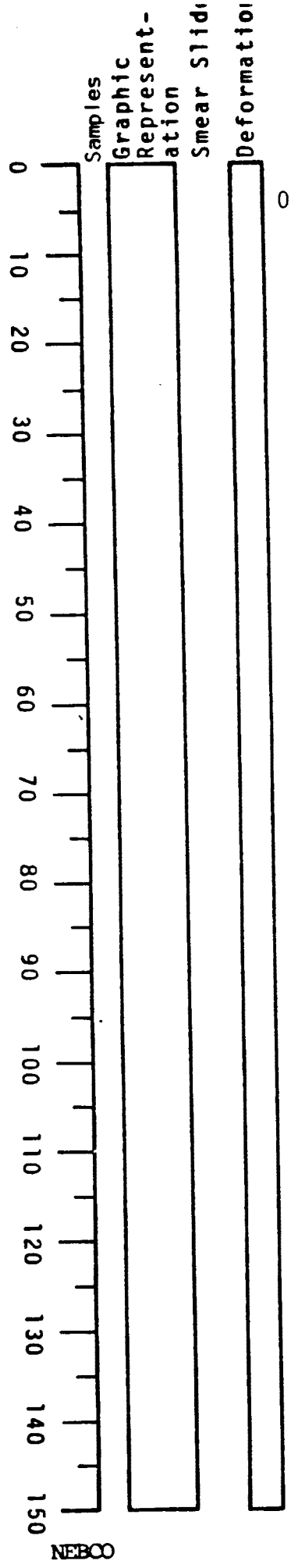
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-2 cm	Ingle	Stanford	Foram	5/9/78
1	0-2 cm		USGS	Text.	5/14/78
2	206-208		USGS	Foram	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		2	8	G	1	0	1

STATION#				OBSERVER
		2	8	



0-2 cm(text. forams

0-14 cm as below, but disrupted during splitting.

14-115 cm Clay, slightly silty, olive gray (5Y3/2), bioturbated, several worm burrows (48-49, 60, 90 cm) small amount of mica.scattered foram tests.

—76 cm- worm tube

94-106 cm worm burrow soft sed.

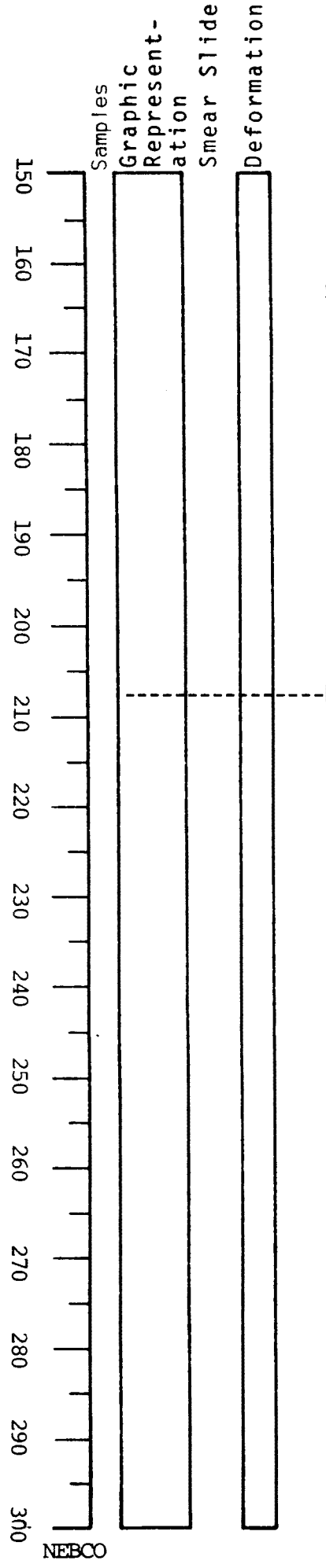
Contact 115-118 cm.

115-150 cm silt, clayey, olive gray (5Y3/2), apparently bioturbated from contact to 130 cm, poss. lamination (1 cm) below to base of core; occ. shell or burrow lining debris. Echinoid spine.

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		2	8	G	1	0	2

STATION#				OBSERVER
		2	8	



Same as interval from 115-118 to 150 cm of Sec. 1 silt, clayey

Foram sample 205 cm

Bottom 208 cm

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}46.9$

LONGITUDE $117^{o}21.24$

STATION NO. 29

LINE NO.

DAY/MONTH/YEAR

DATE 9/5/79

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
29D1	78	15½ cm		

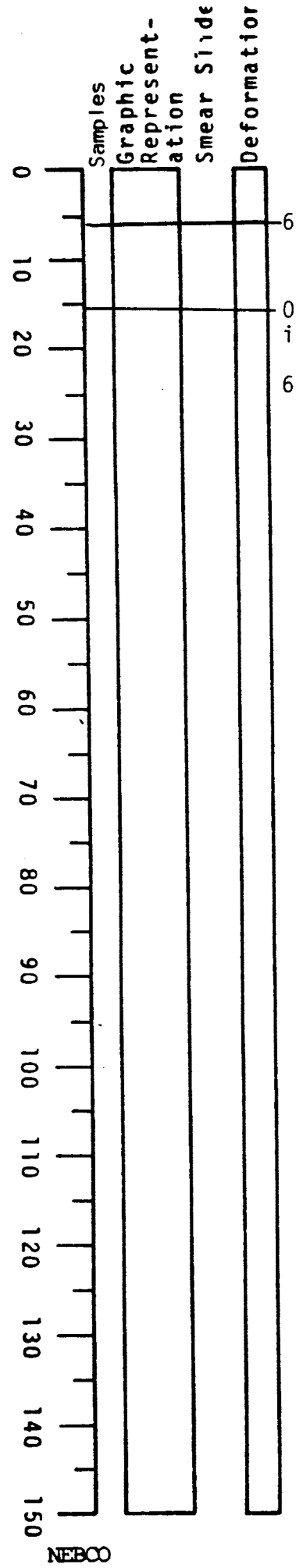
REMARKS:

Nanno slide

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.						SEC.
S	2	-	7	8	S	C			2	9	D	1		1

STATION#				OBSERVER
		2	9	



6 cm Sharp contact

0-6 cm. Mod. olive gray (5Y4/3) silty, foramiferal clay in shell frag 2 compacted

6-15½ cm Olive gray 5Y3/2) well cimpacted clay.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}50.9$

LONGITUDE $117^{o}19.2$

STATION NO. 30

LINE NO.

DAY/MONTH/YEAR

DATE 9/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
30D1	393	?		

REMARKS: Nanno
Unable to extrude core: barrel t

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}50.05$

LONGITUDE $117^{o}19.2$

STATION NO. 31

LINE NO.

DAY/MONTH/YEAR

DATE 9/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

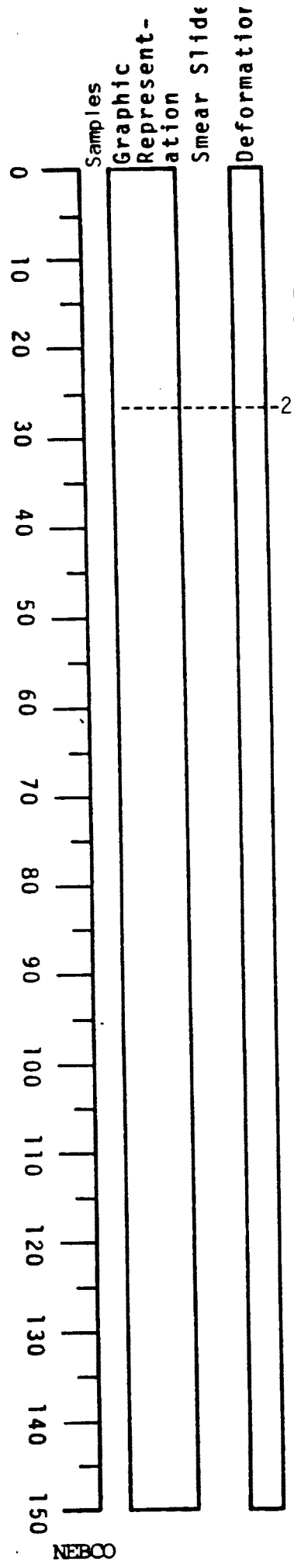
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
31D1	57	25½ cm		

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		3	1	D	1	

STATION#				OBSERVER
		3	1	



0-18 cn Mod. gray (5Y4/3) foramaniferal silty clay w/ shell grag 2mm: slightly compacted

25½ cm Bottom

(?) 18 cm spectacular contact

18-25½ cm Intermixed N2 & N4 grays; fine grained, mod. compacted; (did not compact w/ dil. HCL

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}53.10$

LONGITUDE $117^{o}17.80$

STATION NO. 32

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
32G1	326	193 cm	Mud	

REMARKS: Core catcher

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 32G1

STATION NO: 32

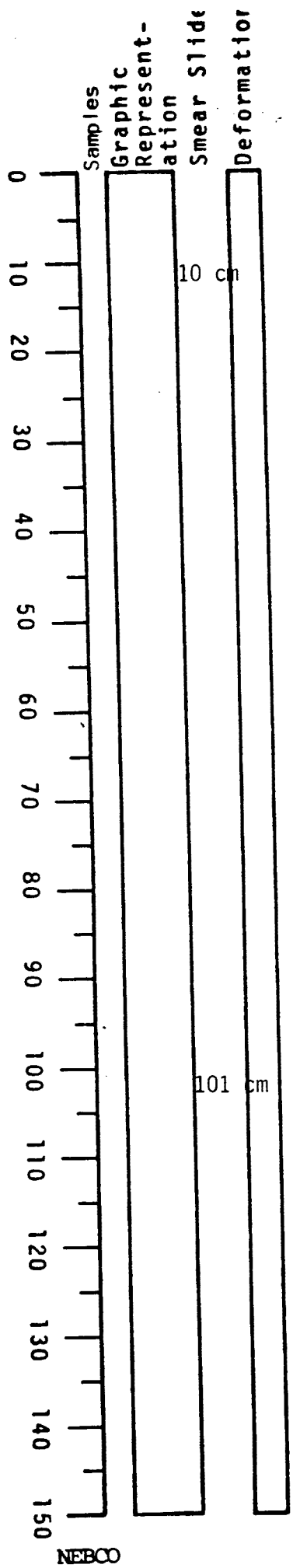
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-2 cm	Ingle	Stanford	Foram	5/10/78
1	0-2 cm		USGS	Text.	5/14/78
2	191-193		"	Foram	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 2 - 7 8 - S C	3 2 G 1	0 1

STATION#	OBSERVER
3 2	

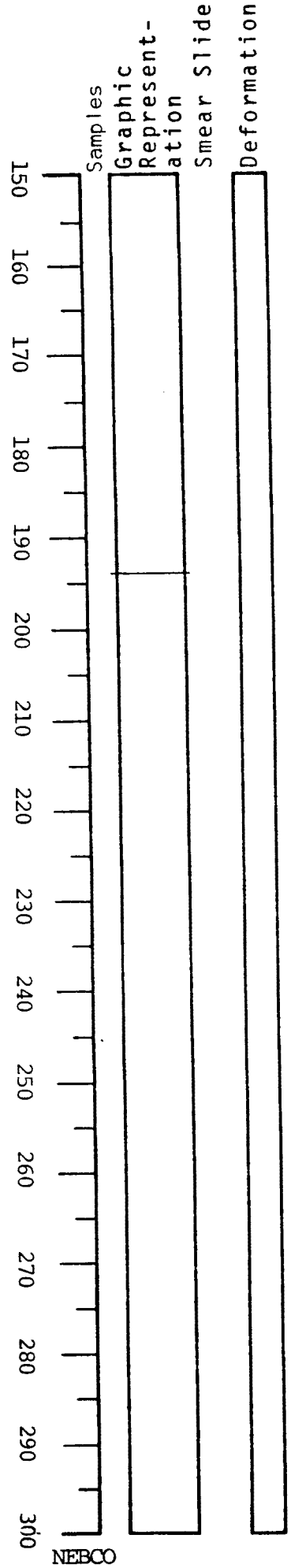


Clay, slightly silty, olive gray (5Y3/2), slightly micaceous throughout. Small coiled gastropod (?) @83 cm. Small pelecypod @22cm Gradually becomes slightly coarser down section,so that lower part could be desc. as silty clay. Order of H_2S when split. Apparently laminated from 85-150 cm-

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	2	G	1	0	2

STATION#		OBSERVER
3	2	



Clay, silty, olive gray (5Y3/2), appears laminated, w/laminae 0.5- 1cm thick. Slightly micaceous throughout.

Coiled gastropod 181-182 cm

193 cm bottom (Sec 2 43 cm)

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}53.7$

LONGITUDE $117^{o}17.75$

STATION NO. 33

LINE NO. _____

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

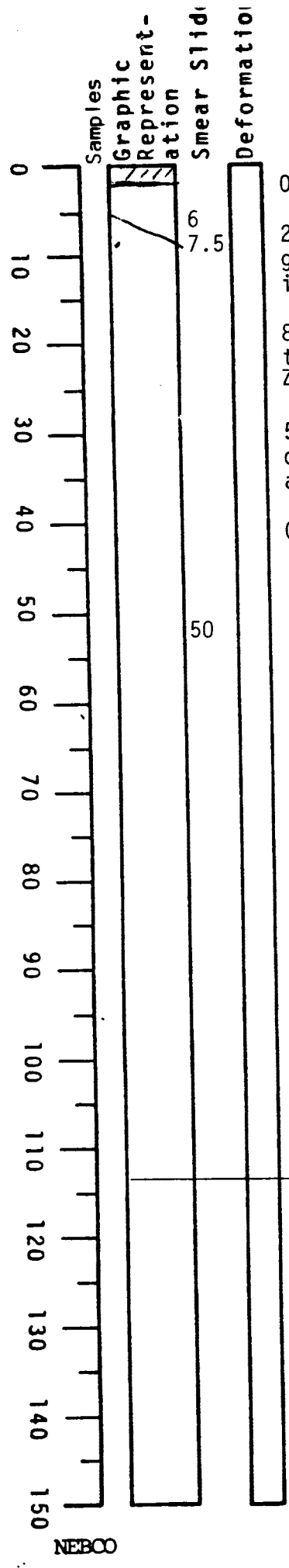
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
33G1	393	112 cm		

REMARKS: Core catcher

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		3	3	G	1		1

STATION#				OBSERVER
		3	3	



0-2 filler

2-8 cm Sand, grayish black (N2) fine grained, micaceous, bioturbated irregular lower contact. Biotite wx. to fresh.

8-50 cm Silt, clayey, olive gray (5Y3/2) much mica. foram tests abund. no apparent contacts; grades downward at about 40-50 cm.

50-112 cm Clay, olive gray (5Y3/2), cont. some large orbitoides(?) (88cm); mecaceous, trough less than m. silt above. Apparently coarsily laminated to base of core?

Odor of H_2S when split. Gas product(?) @ base of core

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 33G1

STATION NO: 33

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-2 cm	Ingle	Stanford	Foram	5/10/78
	110-112	Arnal	USGS	Foram	

NEBCO

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°52.35'

LONGITUDE 117°20.08'

STATION NO. 34

LINE NO. _____

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

[ ]	[X]	[ ]
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
34G1	196	63 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 34G1

STATION NO: 34

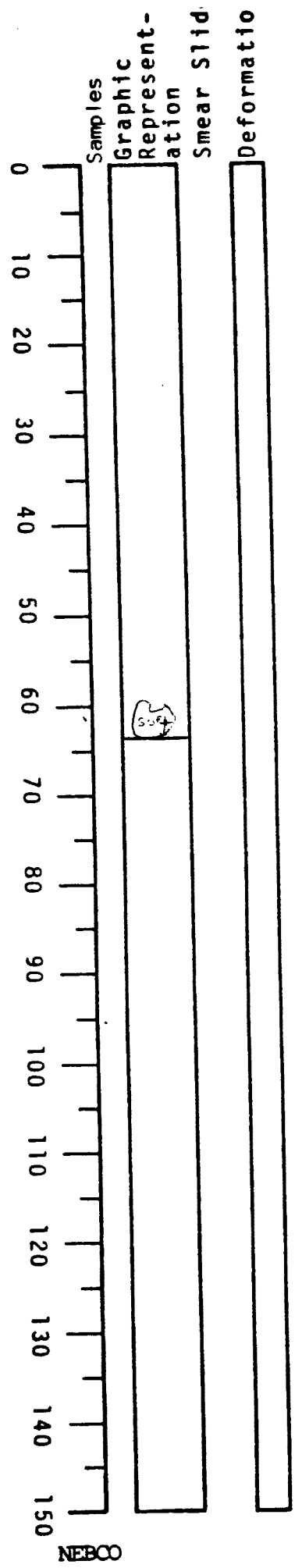
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
I	0-3 cm		USGS	Text	5/10/78
I	0-2 cm	Ingle	Stanford	Forams	"
	Top		USGS	Text	5/14/78
	Bottom		"	Forams	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	-	7	8	-	S	C		3	4	G	2	1

STATION#				OBSERVER
		3	4	



Sand, v. fine, clayey, to silt. Clayey mottled grayish oliv (10Y4/2)/ olive gray (5Y3/2). contains shattered fragments of pepecypod shells throughout; few small gastopods. rg. @ 42 cm. Mica present. Foram tests present

Bottom 63 cm Lower 6cm in part liquid.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}53.9'$

LONGITUDE $117^{o}24.95'$

STATION NO. 35

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
35G1	575	216 cm		

REMARKS: Stuck in barrel ....

1. Bottom in plastic bag
2. Very bottom 2 cm in 30ml val.
3. 60 top cm. (dropped on deck) in sliced core liner
4. 1.81 m in core liner

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 35G1

STATION NO: 35

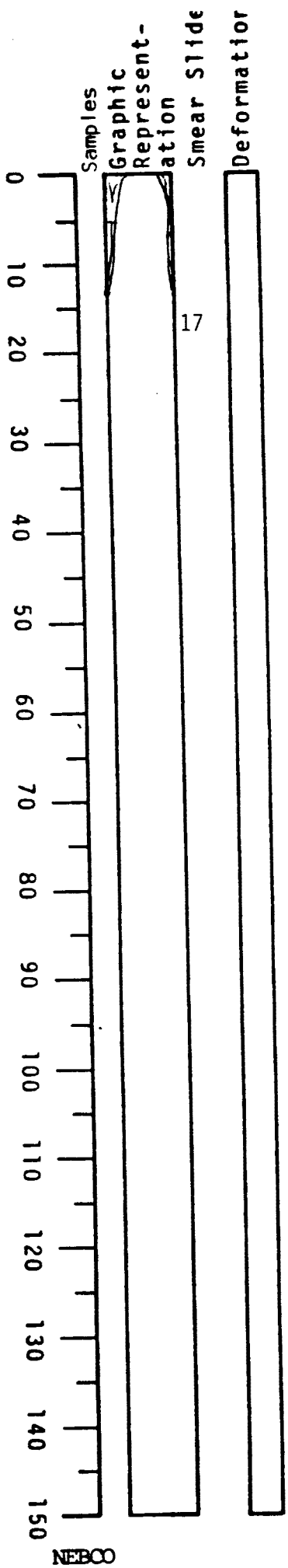
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Bottom			Bottom strat.	5/10/78
	Top 2cm	Ingle	Stanford	Foram	"
1	Top 2cm	Clarke/Field	USGS	Text.	5/14/78
2	36-38 cm	"	"	"	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	5	G	1	0	1

STATION#				OBSERVER
		3	5	



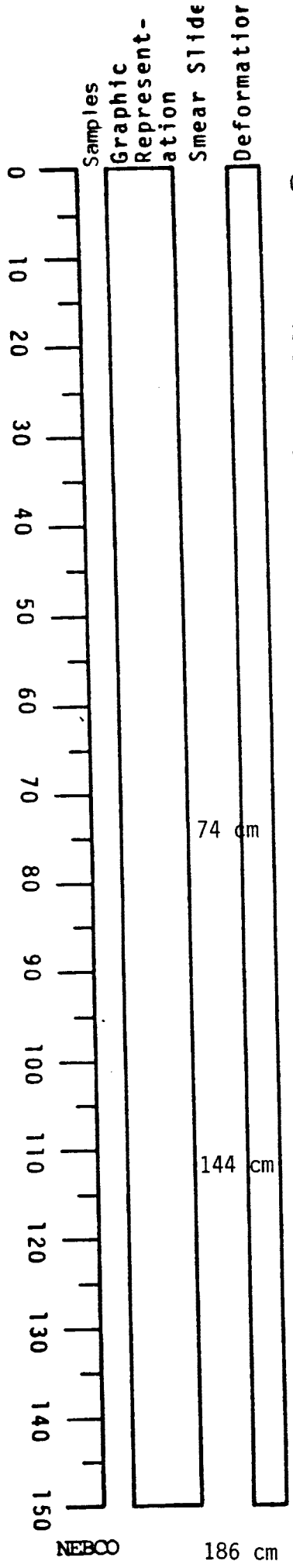
Clay, ol. gray(5Y3/2), appears homogeneous. Disrupted during core extrusion so no structure visible. Micaceous, slightly silty.

36 cm. Bottom Of Sec 1

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	5	G	1	0	2

STATION#				OBSERVER
		3	5	



0-2 cm filler

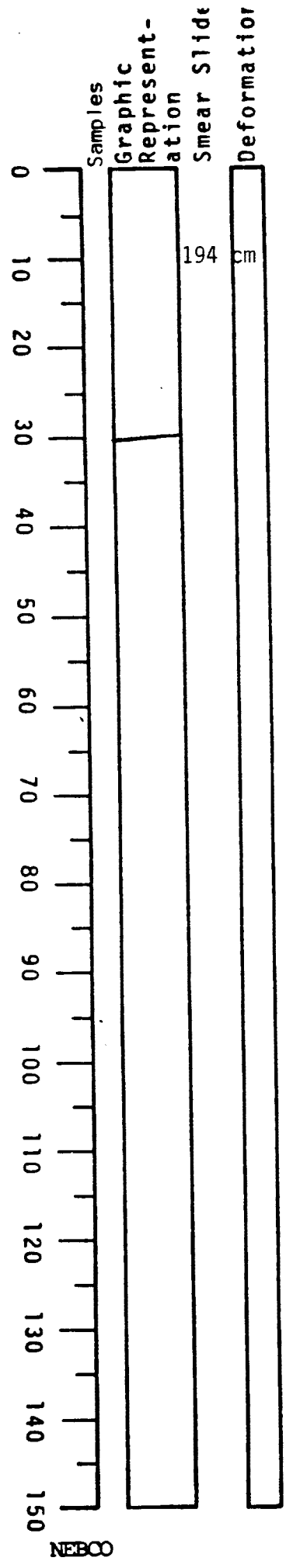
2-70 cm Clay, same as above. appar. bioturbated. (Homogeneous, ol. gray (5Y3/2), micaceous, slightly silty) Grades downward at about 70 cm

70-194 cm Silt, ol. gray (5Y3/2), sandy (vfs) foraminiferal micacous (wx.biot). becomes somewhat coarser, more micaceous down section, in lower 20 cm of this section. Poss. laminated- thin bedded below about 95 cm (129 cm)

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	5	G	1	0	3

STATION#				OBSERVER
		3	5	



Silt to v. fine sand, clayey, ol. gray (5Y3/2) Micaceous, foraminiferal, appears laminated.

216 cm bottom

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°54.13'

LONGITUDE 117°24.67'

STATION NO. 36

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

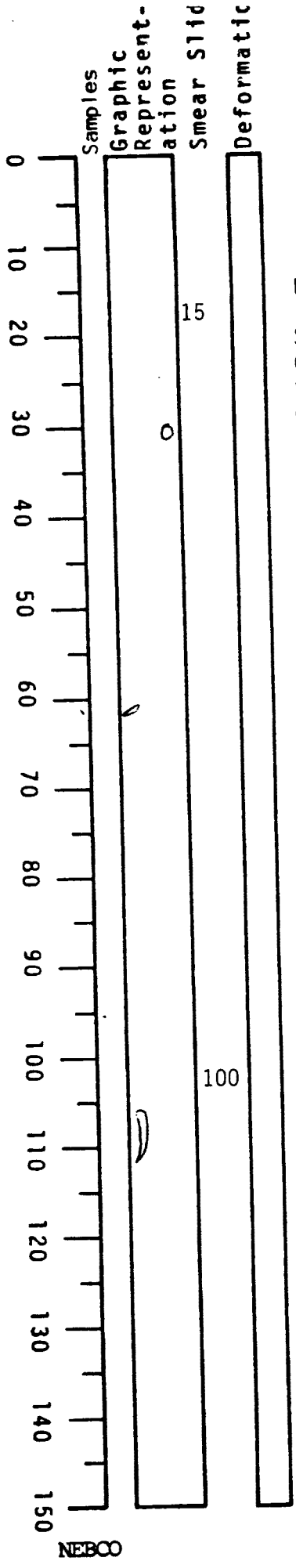
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
36G1	588	203 cm		

REMARKS:

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	6	G	1	0	1

STATION#				OBSERVER
		3	6	



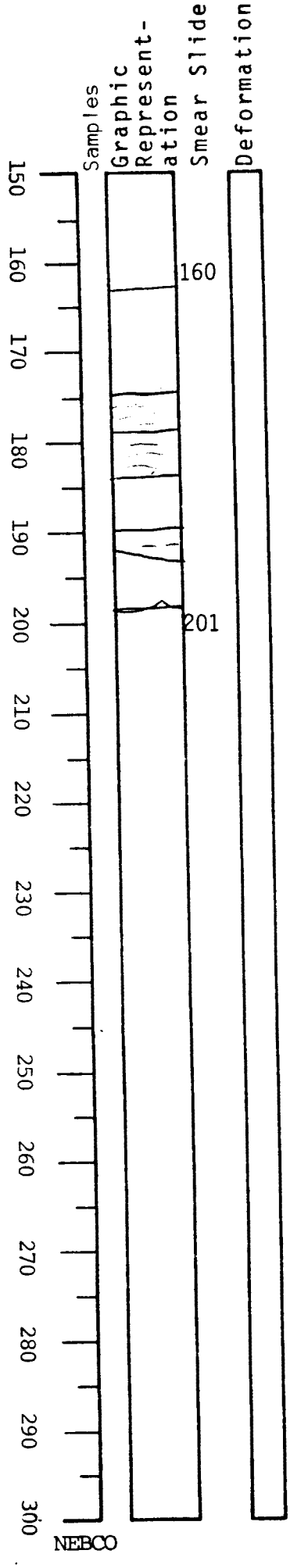
Upper 12 cm disrupted during splitting.

Silt, clayey, olive gray (5Y3/2) homogeneous. burrows @ 30 c
62 cm, 107-112 cm. Appears bioturbated throughout. No
visible contacts or interval structures, exc. for poss.
crude, coarse lam. 110-120 cm.

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	6	G	1	0	2

STATION#				OBSERVER
		3	6	



150-163 cm See sec. 1 description.

163-179 cm Clay, silty, olive gray (5Y3/2). vts-silt lens at 175 cm. laminated in lower part of interval (175-179

175,179-183,188-191,197-203 cm Silt to vfs., clayey, olive gray (5Y3/2) poss. crude lamination; contacts with clay irregular, poss. bioturbation

203 cm Bottom (Sec 2 53 cm)

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 36G1

STATION NO: 36

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	top	Ingle	Stanford	Foram	
2	Bottom 2cm		USGS	Age-roll Jorams	
1	Top 2 cm		"	Text.	5/14/78
2	Lower 2cm		"	Forams	"

NEBCO

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}55.52$

LONGITUDE $117^{o}21.47'$

STATION NO. 37

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
37G1	492	184 cm		

REMARKS: Core Catcher

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 37G1

STATION NO: 37

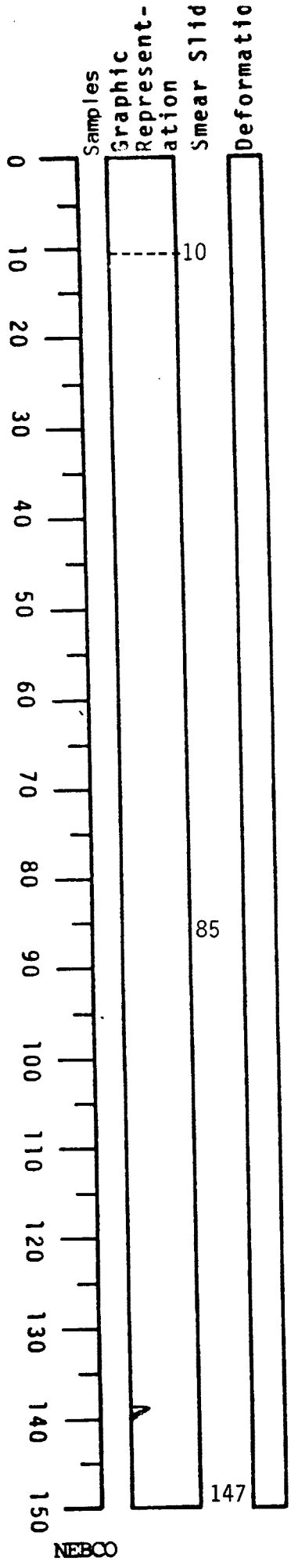
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-2 cm	Ingle	Stanford	Foram.	5/10/78
1	"	Clarke	USGS	Text.	"
2	182-184	"	"	Foram.	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		3	7	G	1	1

STATION#			OBSERVER
		3 7	



Upper 10 cm extensively disrupted during splitting

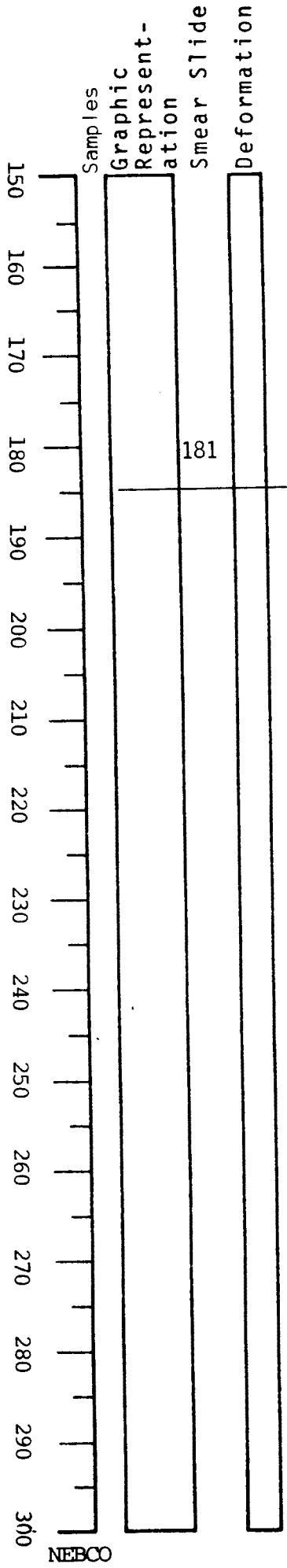
10-150 cm Clay, silty at some levels, grayish olive green (5GY3/2), foramiferal, few scattered mollusk frags. Crude lamination possible interval 105-150 cm. No contact apparent.

Sand. fine-lens

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		3	7	G	1	0	1

STATION#				OBSERVER
		3	7	



Clay, micaceous olive gray 5Y3/2. homogeneous.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{0}52.31$

LONGITUDE $117^{0}21.28$

STATION NO. 38

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
38D1		55 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 38D1

STATION NO: 38

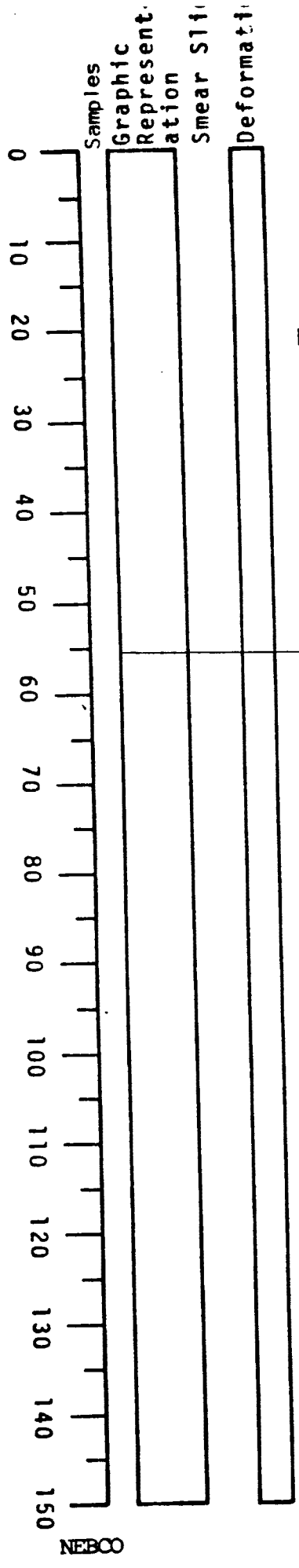
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.						SEC.
S	2	-	7	8	-	S	C	3	8	D	1			1

STATION#				OBSERVER
		3	8	



Grayish olive (10Y4/2) massive undifferentiated foram.-Rich sandy silt

55 cm Bottom

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°52.17

LONGITUDE 117°21.77

STATION NO. 39

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

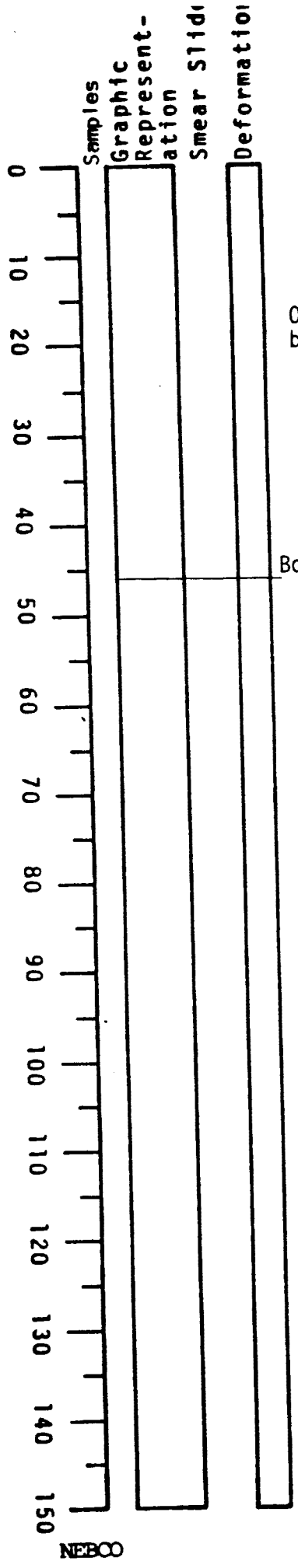
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
39D1		41 cm		

REMARKS: Top 2cm in whirl pak.

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		3	9	D	1	1

STATION#				OBSERVER
		3	9	



Olive gray (5Y3/2) massive, slightly compacted, foram boaring silty clay

Bottom 41 cm

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°50.85

LONGITUDE 117°22.48

STATION NO. 40D1

LINE NO. _____

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

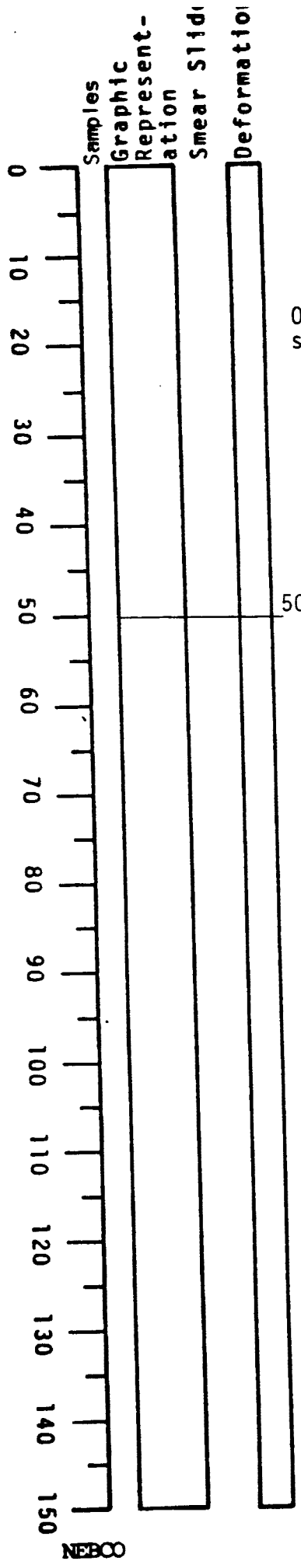
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
40D1		50 cm		

REMARKS: Top 2 cm in whirl pak

VISUAL CORE DESCRIPTION

LOCATOR							SAMPLE NO.					SEC.
S	2	-	7	8	S	C		4	0	D	1	1

STATION#			OBSERVER
		4	0	



Olive gray (5Y3/2) undiff. sandy silt; foram & sml. (2mm) shell frag bearing

50 cm Bottom

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{0}50.18$

LONGITUDE $117^{0}23.45$

STATION NO. 41

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
41D1		45 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 41D1

STATION NO: 41

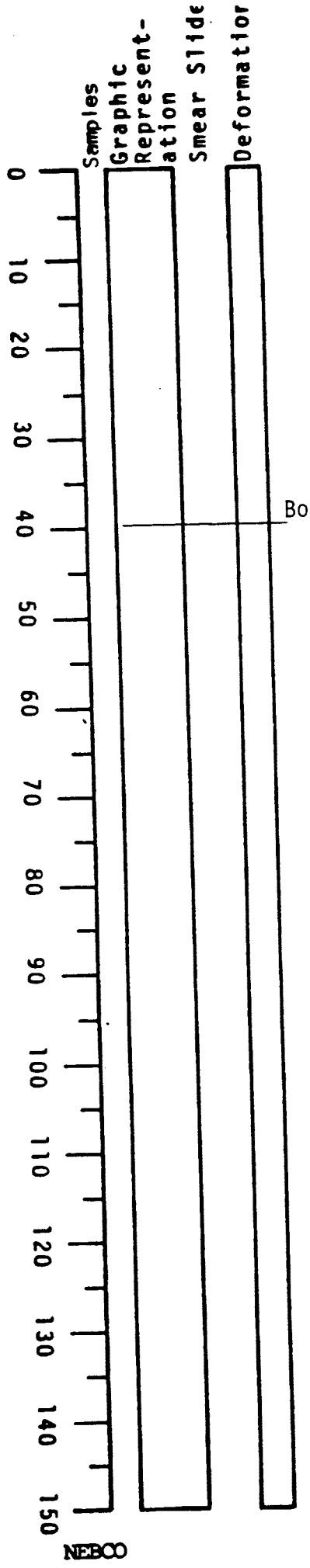
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Top	Ingle	Stanford	Foram	5/10/78

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR							SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		4	1	D	1		1

STATION#				OBSERVER
		4	1	



Olive gray (5Y3/2) massive, undifferentiated sandy silt.

Bottom 45 cm

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $32^{o}49.94$

LONGITUDE $117^{o}23.86$

STATION NO. 42

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
42D1		50 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 42D1

STATION NO: 42

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Top	Ingle	Stanford	Foram	5/10/78

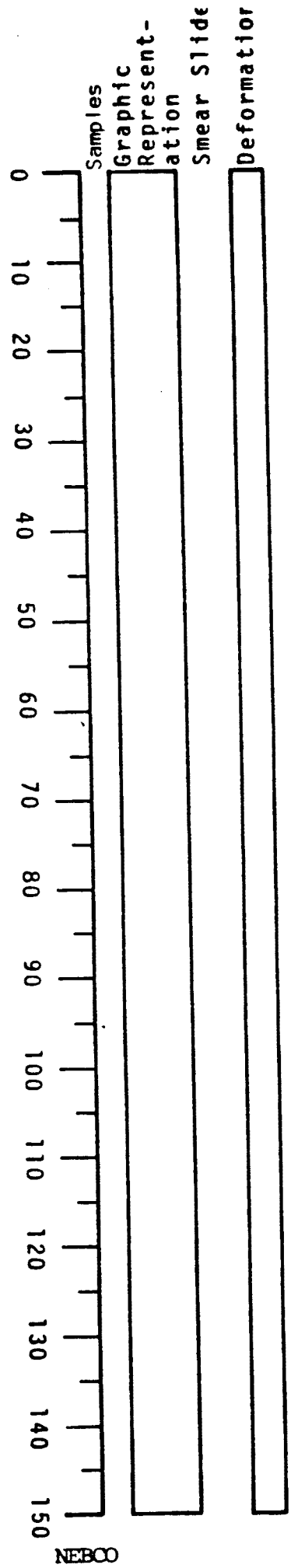
NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		4	2	D	1		1

STATION#				OBSERVER
		4	2	

Olive gray (5Y3/2) massive silty clay



USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°49.75

LONGITUDE 117°24.65

STATION NO. 43

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
43D1		23 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 43D1

STATION NO: 43

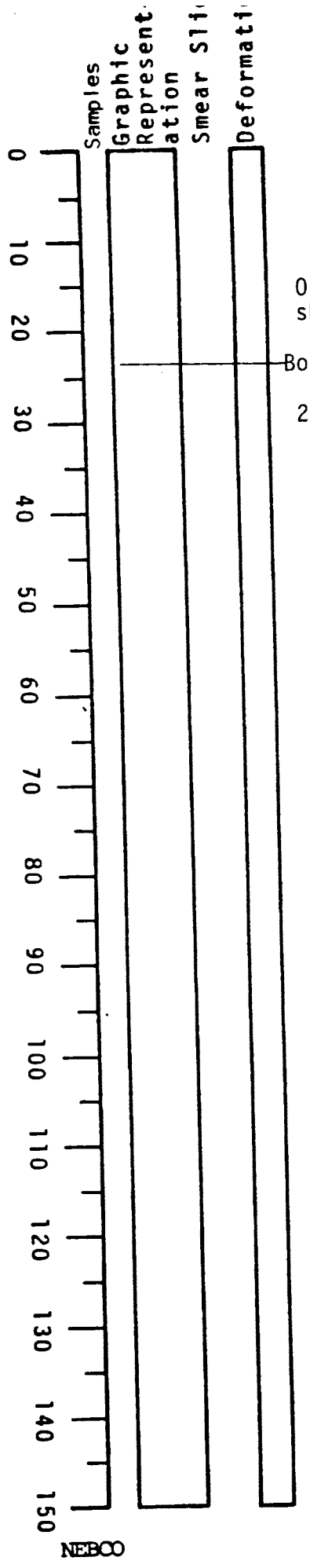
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-2 cm	Ingle	Stanford	Foram	5/10/78

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		4	3	D	1		1

STATION#				OBSERVER
		4	3	



Olive gray (5Y3/2) sandy silt, foramniferal; sticky; occ. shell frag. 3mm

Bottom 23 cm

21-23 cm Light gray (N7)friable compact node

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°49.15

LONGITUDE 117°24.65

STATION NO. 44

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
44D1		35cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 44D1

STATION NO: 44

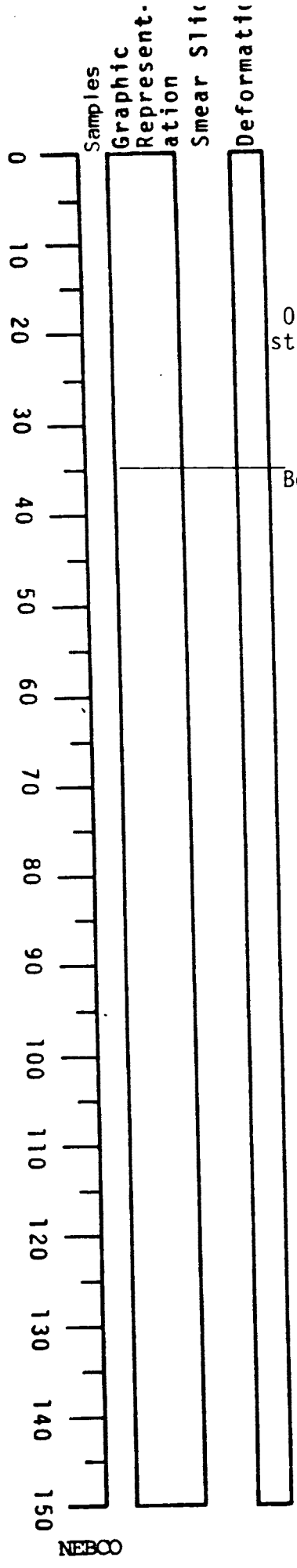
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Top	Ingle	Stanford	Foram	5/10/78

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		4	4	D	1		1

STATION#				OBSERVER
		4	4	



Olive gray (5Y3/2) silty clay: shell frag. & foram bearing; sticky; massive

Bottom 35 cm

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 32°49.30

LONGITUDE 117°24.26

STATION NO. 45G1

LINE NO.

DAY/MONTH/YEAR

DATE 10/5/78

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
45G1		168 cm		

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 45G1

STATION NO: 45

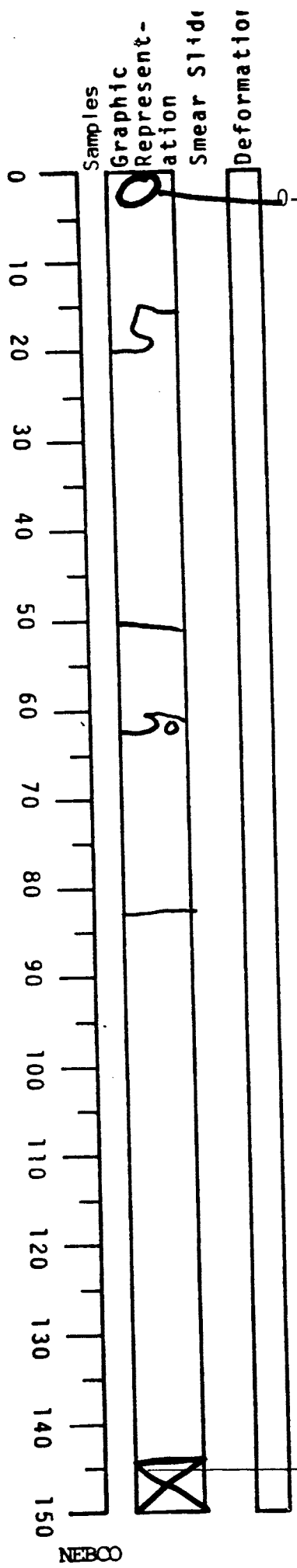
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-2 cm	Ingle	Stanford	Foram	5/10/78
1	0-3 cm		USGS	Test.	5/13/78
2	166-168		USGS	Forams	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		4	5	G	1	0	1

STATION#			OBSERVER
		4 5	



3-15 cm Grayish olive (10Y4/2) mud; homogeneous, highly bioturbated.

15-50 cm More compacted, mod., bioturbated grayish olive (10Y4/2) silty mud with many small mulluscan frags. Lower part of wequence containes almost whole pelecypod shells. No sed. structures. Homo. text.

50-62 cm. Olive gray (5Y3/2) silt; mod.

62-83 cm Highly bioturbated olive gray (5Y3/2) well compacted silt. Homogeneous texture with lenses of diff. color

83-93 cm Dark greenish gray (5YG4/1) lenses of silt

93-111 cm Olive gray (5Y3/2) mod.c well compacted lenses of silt and silty muc. Partly bioturbated

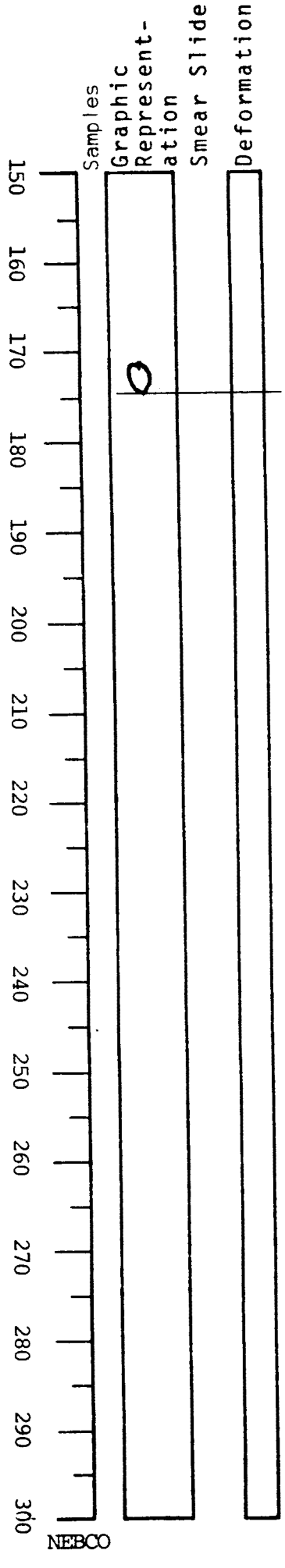
111-128 cm Well compacted olive gray (5Y3/2) silt with yellowish gray (5Y7/2) oxidized burrow fillings

128-144 cm Sand, v. fine, olive gray, 5Y3/2) poss. finely lam., bioturbation in upper part.

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		4	5	G	1	0 2

STATION#				OBSERVER
		4	5	



Sand, v. fine, olive gray 5Y3/2, poss. finely lam.
Resembles interval 128-144 cm above.

Foram sample lower 2 cm.
174 bottom of core
Core=168 cm as Sec 1 went to 144 cm.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{0}7.07$

LONGITUDE $119^{0}33.70$

STATION NO. 46

LINE NO.

DAY/MONTH/YEAR

DATE 15/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
46G1		19 cm	Sand, rock	

REMARKS:

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 46G1

STATION NO: 46

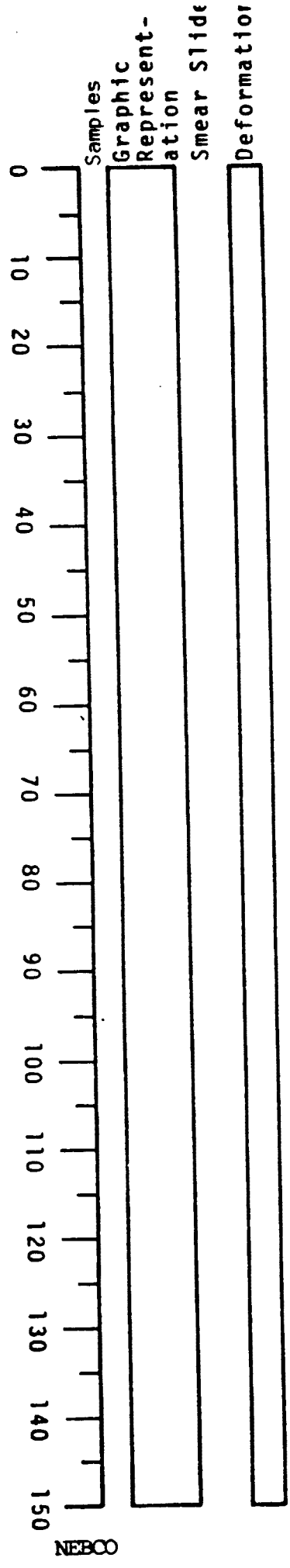
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
		Ingle	Stanford		5/15/78
				Text.	"
1	Top (cm)	Field	USGS	Biostrat	"
1	Bttm. (19)	Field	"	"	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.	
S	2	-	7	8	-	S	C		4	6	G	1	1

STATION#				OBSERVER
		4	6	



10 cm + core

Catch of coarse sand, layer (bottom-most) of silty mud, & large angular pebbles & small rocks. Sx. stored contact.

0-2 cm hard dk. brown clayey silt

2-7 cm Coarse to medium poorly sorted sand containing fine sand and silt. Grains are 80% terrigerous-20% shell frags. including large (3mm angular frags. of molluse. Sharp contact

7-19 cm Gray brown very hard. Slightly sm. clayey silt-medstone-not split open byt scraped

Not in D Tube.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°10.30

LONGITUDE 119°29.92

STATION NO. 47

LINE NO.

DAY/MONTH/YEAR

DATE 15/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
47G1		56 cm		

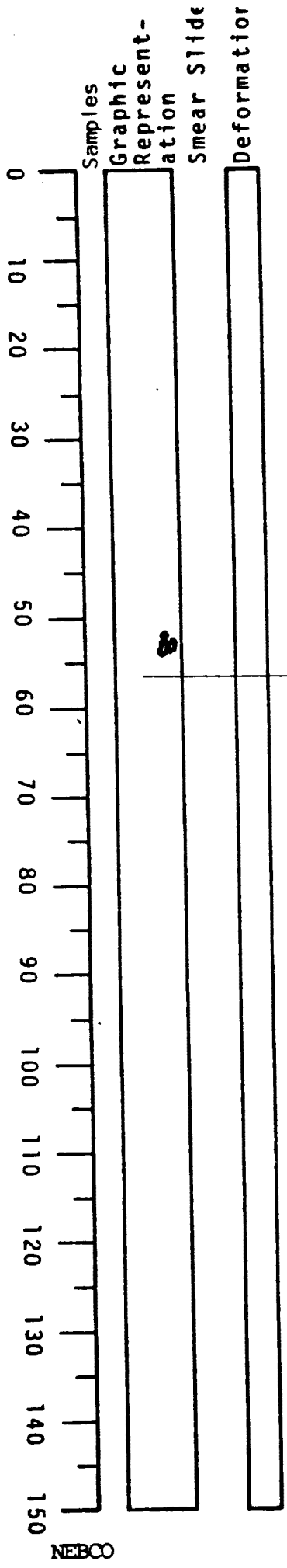
REMARKS:

Core Catcher

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.
S	2	-	7	8	-	S	C		4	7	G	1	1

STATION#			OBSERVER
		4 7	



5Y4/1 olive gray slightly silty fine (&very fine) sand. Components include terrigenous lt. & hvy. minerals and approx. 15 cm higher forams (benthonic & planktonic). Nodistinct grading, contacts, bioturbation or clasts, with exception of highly altered $CaCO_3$ shell frag. at 50 cm. May be remnant of one shell of thin layer of several frags.

Bottom 56 cm.

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 47G1

STATION NO: 47

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Top	Ingle	Stanford	Foram	5/15/78
	0-3 cm		USGS	Text.	"
	Bottom		USGS	Forams	"

NEBCO

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE 33°8.08

LONGITUDE 119°31.13

STATION NO. 48

LINE NO.

DAY/MONTH/YEAR

DATE 15/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
48G		63 cm		

REMARKS: Core Catcher

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 48G

STATION NO: 48

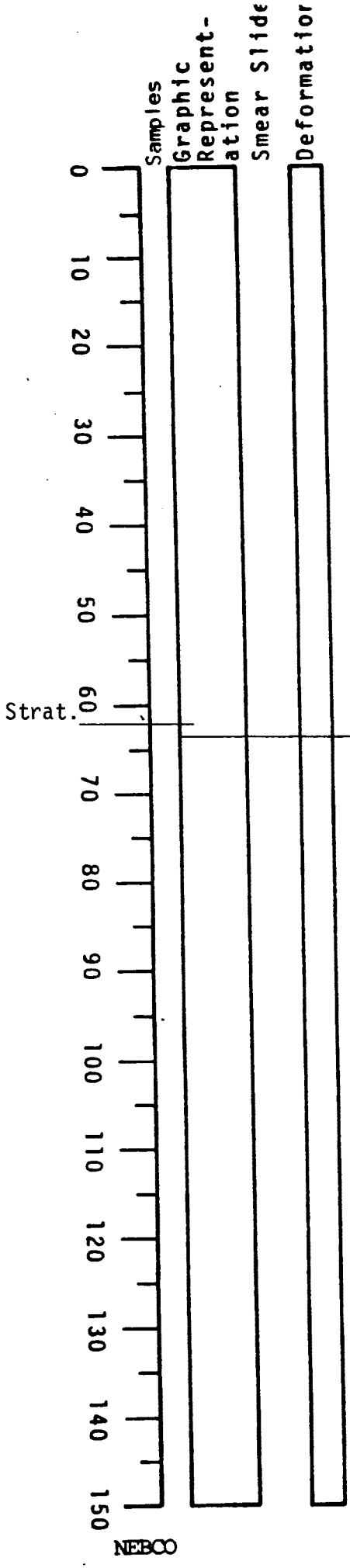
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	Top	Lngle	Stanford	Foram	5/15/78
	0-3 cm		USGS	Text.	"
	Bottom		USGS	Strat.	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.				SEC.
S	2	-	7	8	-	S	C			4	8	G		1

STATION#				OBSERVER
		4	8	



0-11 cm Med. to fine foram-rich sand. 5Y3/4, partially disrupted from dorein

11-17 cm Sa above; but has abundant shell frag. up to 4 mm

17-26 cm Yellowish gray 5Y7/2 shell hash; 20% fine grain componet

26-30 cm fine shell hash (1cm) layers(5Y7/2) alternating w/2 lens of fine sand (5Y3/2) ¼ to 1 cm thick.

30-36 cm. light olive gray 5Y5/2 sandy (fine), foram-rich mud.

36-63 cm 5Y4/3 foramniferal, clayey, fine sand; shell frag 3mm diam. @

Bottom of core 63 cm

50 & 55 cm; pocket or patches of what appears to same material as in overlying layer @ 36-44 cm, 47-50 cm & @55 cm.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}5.75$

LONGITUDE $119^{o}32.60$

STATION NO. 49

LINE NO.

DAY/MONTH/YEAR

DATE 15/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
49G	705	150 cm		

REMARKS: Core Catcher

SAMPLE LOG

LOCATOR: S2-78-SC

SAMPLE NO: 49G

STATION NO: 49

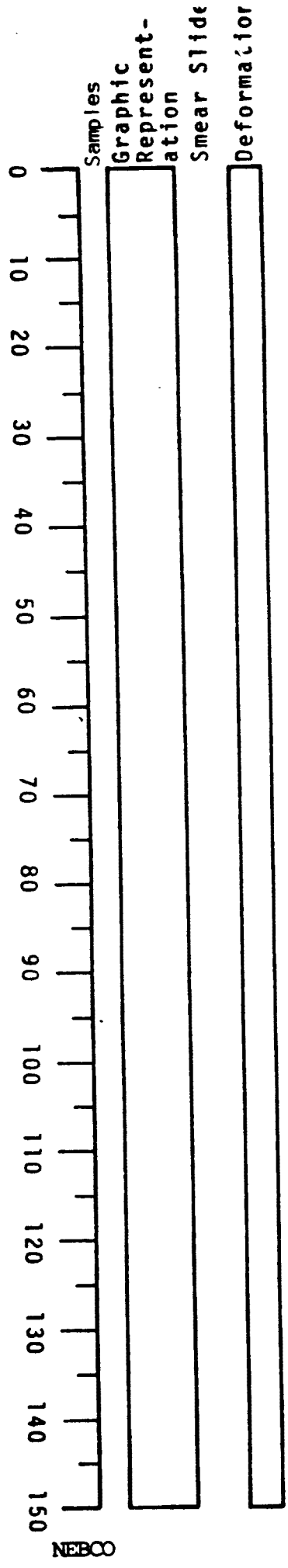
SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	Top	Ingle	Stanford	Foram	5/15/78
1	"	Field	USGS	Text.	"
1	Bottom 148-150	"	"	Forams	"

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C			4	9	G		1

STATION#				OBSERVER
		4	9	



0-25 cm Disturbed portion. Essentially same as rest of core with exception of losing fines & having higher water content

25-150 cm Gray brown to olive brown slightly sandy mud (sil to silty fine sand. Gradual coarsening down core. No major layering or structures. Sizes are segregated by bioturbated lenses, laminae & irregular shaped pockets measuring several cm in dimension. Fragments & tests of molluses (scaphapods, pelecypods) are ramdonly distr. Buted throughou Contact at 93 cm marked by distinct higher % sand in lower part.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE $33^{o}5.62$

LONGITUDE $119^{o}33.89$

STATION NO. 50

LINE NO.

DAY/MONTH/YEAR

DATE 15/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
50G1		Core catcher		

REMARKS: 50G1 core catchr only

a) 10 cm 5Y3/2 sticky clay
b) few sml. pebbles and one subangular, 4x4 cm massive well indurated, aphanitic, blackish rock.

USGS STATION LOG

SHIP / LEG S2-78-SC

LATITUDE

LONGITUDE

STATION NO. TEST

LINE NO.

DAY/MONTH/YEAR

DATE 15/5/78

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

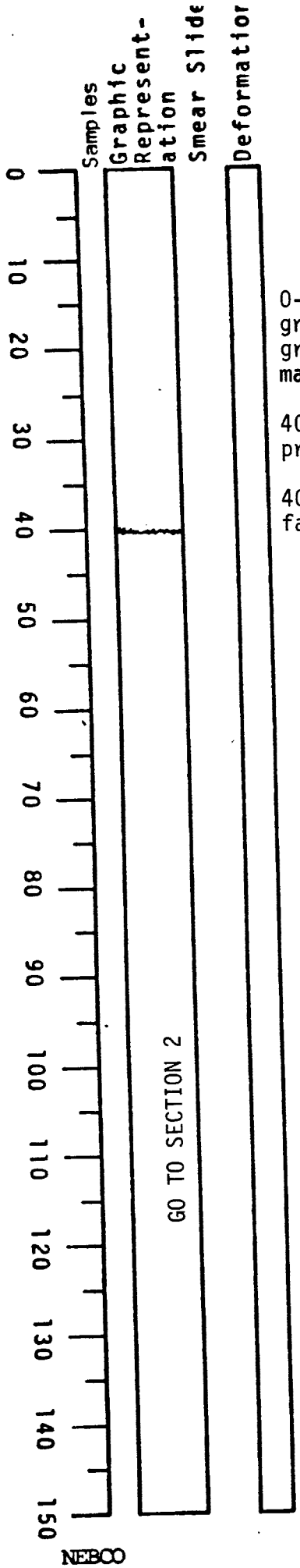
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Test		237 cm		

REMARKS: Core catcher

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 2 - 7 8 S C	T E S T	01

STATION#	OBSERVER
	R



0-40 cm yellowish gray (5Y7/2) to dusky yellowish (5Y6/4) grades shell hash; "coarse sand" (½-1.0 mm) material @ 0-5 cm grading to as grate as 18 mm size. (pelecypod) shell like material @ 30-40 cm.

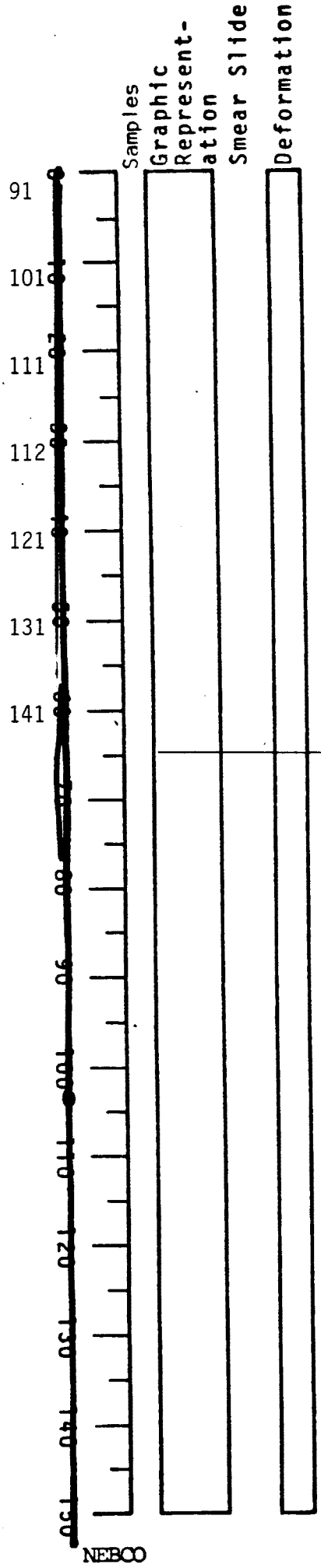
40 cm. sharp contact (probably even more spectacular prior to splitting core.)

40-91 cm Massive olive gray (5Y3/2) silty clay on clay;? faint lamination barely darker in color @ 85 cm.

VISUAL CORE DESCRIPTION

LOCATOR								SAMPLE NO.					SEC.	
S	2	-	7	8	-	S	C		T	E	S	T		2

STATION#				OBSERVER



91-145 cm Massive, drier, more compacted olive gray 5Y3/2 clay w/very faint laminations up to 3 mm in width throughout; tiny (1mm) isolated shell frags. widely & irreg. dispersed between. 105 cm & 206 cm.