MGG

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 02.210'N

LONGITUDE -147° 11.277'W

STATION NO. 1

LINE NO. 801

DAY/MONTH/YEAR

DATE 10/13/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
HYDROPLASTIC 1	220M	2.47M	Grey mud	
PISTON CORE--2	215M	7.23M	Grey clayey silt	

REMARKS: Hydroplastic core -- 60° 02.21'N , -147° 11.277'W
Piston core ------- 60° 02.661'N , -147° 11.101'W

Hydro core - 2 gas samples; 0-10 cm , 97-107 cm
Piston core - collected cutting head in separate plastic bag.

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 1

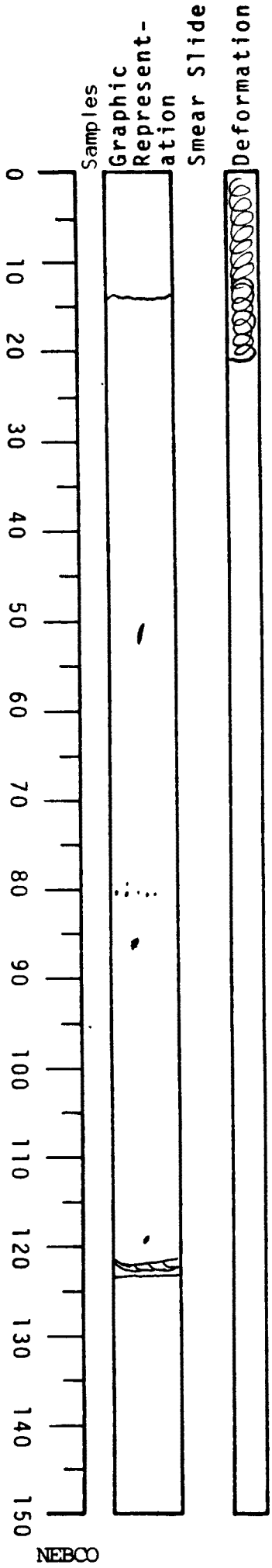
STATION NO: 1

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-10cm	Carlson	USGS	Gas analysis	
1	97-107cm	Carlson	USGS	Gas analysis	

NEBCO

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S, 8 - 7 7 - E G	2	1
0-123 cm	STATION#	OBSERVER
	1	WPL



Mudline is at 13cm

Totally disturbed 0-21cm

No wax seal on sediment surface,much water 0-13cm

GENERAL DESCRIPTION
Homogenous mud,decreasing moisture content w/depth.Scattered organic spots throughout,shell frags. floating throughout.

5GY 4/1

51cm—shell frag.

80cm—line of organic spots

86cm—pod of sand

117cm—shell frag.

121-123cm—stiffer base layer

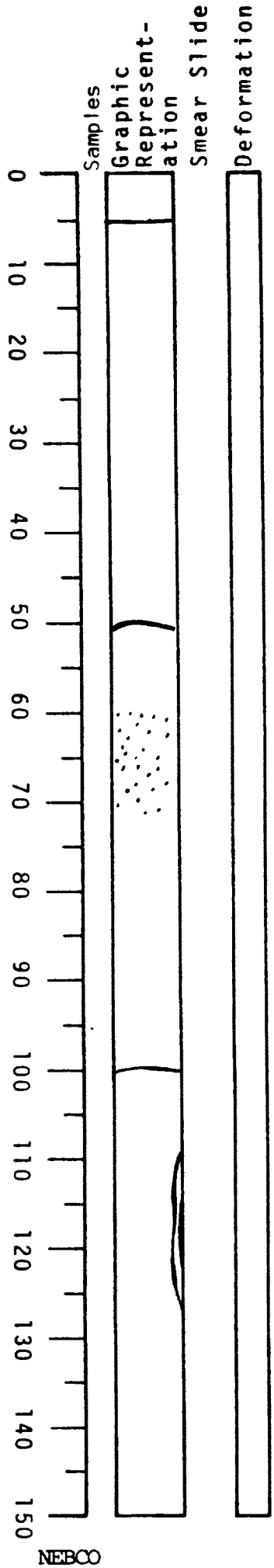
VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 8 - 7 7 - E G	2	2

STATION#	OBSERVER
1	Wheeler

Top
Core settled 5cm, dewatered a little.

123-273cm



GENERAL DESCRIPTION

Homogeneous olive-grey 5Y3/2 mud. Slightly silty at two lenses. Some dark organic blebs scattered throughout core.

Siltier lense

Concentration of black organic blebs (some scattered length of core)

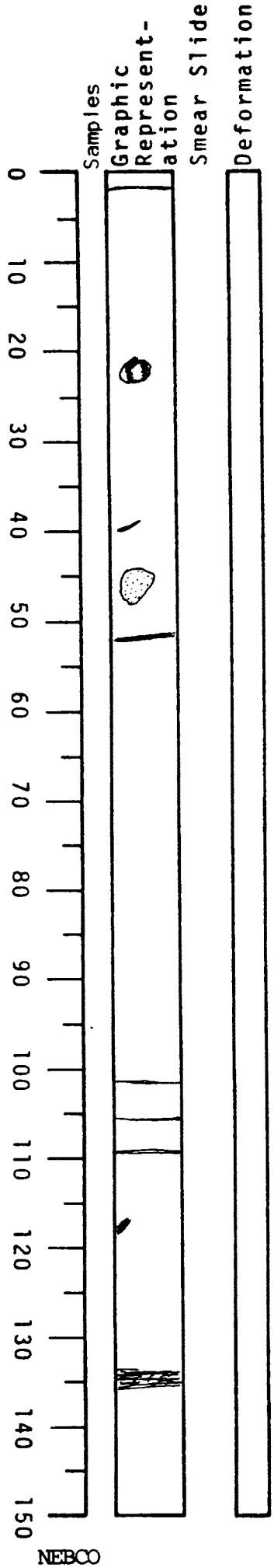
Siltier lense

Cavity left after pulling out plastic fingers and one steel finger broken off from core catcher.

VISUAL CORE DESCRIPTION

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

STATION#				OBSERVER
			1	Wheeler



Top

273-423cm

Some compaction,but very little water at top when opened - (.9873286cc H_2O)

Organic rich bleb

Organic bleb

Silty area

Silty lense

Silty lenses

Silty lense

Silty lense--2cm wide

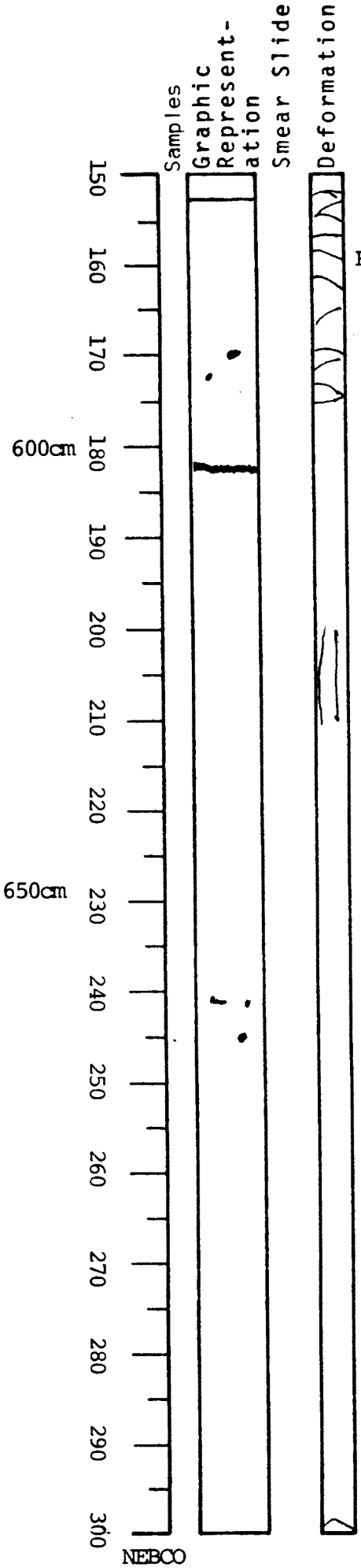
GENERAL DESCRIPTION

5Y 3/2.Homogeneous grey mud with some silty lenses and lots of dark organic blebs.

Note:when taking subsamples, noticed that bottom of core was firmer,maybe slightly drier.

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 8 - 7 7 - E G	2	4
573-723cm	STATION# 1	OBSERVER WPL



Settled 1cm

Ridges due to wire

Sand pods-very small (1cm)

Distinct black organic stripe

615-621cm--very clean area of no organic stains

Shell drag marks

GENERAL DESCRIPTION

Stiff clayey silt, lower water content. 5GY 4/1—dark green grey. Seems competant Organic spots throughout.

662-667cm--sandy pods

581-592cm
634-643cm
656-667cm
691-723cm
} Seems stiffer, possibly coarser grained

Bottom deformation due to cutting head

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 2

STATION NO: 1

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
0-123cm 1	78cm	Carlson	USGS	Bulk density	
1	115cm	"	"	"	
1	46.5cm	"	"	"	
1	46.5cm	Carlson	USGS	Grain size	
1	115cm	"	"	"	
1	78cm	Carlson	USGS	Clay mineralogy	
1	24cm	Carlson	USGS	Forams	
1	120.5cm	"	"	"	
1	137cm	Carlson	USGS	Vane shear	6/6/79
1	210cm	"	"	"	"
1	260cm	"	"	"	"
123-273 2cm	145cm	Carlson	USGS	Bulk density	6/6/79
2	195cm	"	"	"	"
2	262cm	Carlson	USGS	Size (aborted bulk d)	6/6/79
2	254cm	Carlson	USGS	Bulk density	"
2	157cm	Carlson	USGS	Size	6/6/79
2	172cm	Carlson	USGS	Forams	6/6/79
2	169cm	"	"	"	"
2	267cm	"	"	"	"
2	150cm	Carlson	USGS	Clays	6/6/79

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG SAMPLE NO: 2

STATION NO: 1

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
2	270cm	Carlson	USGS	Clay analysis	6/6/79
(273-423) cm 3	289cm	Carlson	USGS	Bulk density	6/12/79
3	419cm	"	"	"	"
3	366cm	Carlson	USGS	Water content	6/12/79
3	376cm	"	"	"	"
3	285cm	Carlson	USGS	Clay analysis	6/12/79
3	292cm	Carlson	USGS	Grain size	6/12/79
3	413cm	"	"	"	"
3	327cm	Carlson	USGS	Forams	6/12/79
3	409cm	"	"	"	"
3	416cm	Carlson	USGS	Clay analysis	6/12/79
3	300cm	Carlson	USGS	Vane shear	6/12/79
3	303cm	"	"	"	6/12/79
3	341cm	"	"	"	"
573-727 cm 4	584cm	Carlson	USGS	Bulk density	
4	701cm	"	"	"	
4	584cm	Carlson	USGS	Grain size	
4	701cm	"	"	"	
4	588cm	Carlson	USGS	Clay mineralogy	
4	709cm	"	"	"	

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 2

STATION NO: 1

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
573-727 cm 4	603.5cm	Carlson	USGS	Forams	
4	617.5cm	"	"	"	
4	713cm	"	"	"	
4	588cm	Carlson	USGS	Vane shear	
4	648cm	"	"	"	
4	709cm	"	"	"	
4	693-701 cm	Carlson	USGS	Atterberg limits	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 15.229'N

LONGITUDE -145° 45.761'W

STATION NO. 2

LINE NO. 804

DAY/MONTH/YEAR

DATE 10/13/77

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	X	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Hydroplastic core		no recovery		
" "		" "		
Gravity core--3	55M	2.8M	Grey mud	
Piston core --4	70 M	7.98M		

REMARKS: Grav. core — 60° 15.229'N , -145° 45.761'W
Pist. core — 60° 15.176'N , -145° 45.908'W

Hydro core attempts picked up muddy coarse silt on outside of barrel

Grav. core subsampled for gases : 0-20 cm, 100-120 cm, 200-220 cm

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 3

STATION NO: 2

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-20cm	Carlson	USGS	Gas analysis	
1	100-120cm	"	"	"	
1	200-220cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 4

STATION NO: 2

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No records for this sample			
		Contact Paul Carlson			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 13.136'N

LONGITUDE -145° 45.529'W

STATION NO. 3B

LINE NO.

DAY/MONTH/YEAR

DATE 10/14/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core --5	105M	2.39M	soft grey clayey silt	

REMARKS: TRIAL:to test new rig after loss of piston corer

Gas samples: 0-20 cm, 103-133 cm, 239-259 cm

SLUMP AREA?

SAMPLE LOG

LOCATOR: ~~S8-77-EG~~ SAMPLE NO: 5

STATION NO: 3B

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-20cm	Carlson	USGS	Gas analysis	
1	103-133cm	"	"	"	
1	239-259cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 12.94'N

LONGITUDE -145° 44.868'W

STATION NO. 3

LINE NO. 804

DAY/MONTH/YEAR

DATE 10/14/77

TYPE OF STORAGE (check one)

	x	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
(6) Hydroplastic core	104M	3.0M	soft grey mud	

REMARKS:

SLUMP AREA?

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 6

STATION NO: 3

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample records	—contact Paul	Carlson	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 12.933'N

LONGITUDE -145° 44.793'W

STATION NO. 3A

LINE NO. 804

DAY/MONTH/YEAR

DATE 10/14/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Piston core —7	104M	9.0M	soft grey mud	

REMARKS: Very top portion — hi H_2O lost on deck. Filled up into weight stand, mud overflowed top.

SLUMP AREA?

NEBCO

SAMPLE LOG

LOCATOR: ~~S8-77-EG~~ SAMPLE NO: 7

STATION NO: 3A

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 10.637'N

LONGITUDE -145° 45.133'W

STATION NO. 4

LINE NO. 804

DAY/MONTH/YEAR

DATE 10/14/77

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	x	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Hydroplastic core	120M	no recovery		
Piston core -- 8	120M	9.0M		
(9) Hydroplastic core	120M	3.0M		

REMARKS:

Pist. core :60° 10.637'N , -145° 45.133'W
Hydro core : 60° 10.619'N , -145° 45.247'W

Pist. core -- gas sample: 8.8-9.0M

Hydro core -- gas sample split: 0-30 cm, 100-115 cm, 200-215 cm

WELL BEDDED SEDIMENTS

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 8

STATION NO: 4

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	880-900cm	Carlson	USGS	Gas analysis	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 9

STATION NO: 4

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-30cm	Carlson	USGS	Gas analysis	
1	100-115cm	"	"	"	
1	200-215cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG ~~S8-77-EG~~

LATITUDE ~~60° 08.377'N~~

LONGITUDE ~~144° 40.063'W~~

STATION NO. 5

LINE NO. ~~807~~

DAY/MONTH/YEAR

DATE ~~14/10/77~~

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Hydroplastic core	29.5M	no recovery		
" "		"		
" "	30.0M	"		

REMARKS:

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 06.592'N

LONGITUDE -144° 39.063'W

STATION NO. 6

LINE NO. 807

DAY/MONTH/YEAR

DATE 14/10/77

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	x	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Hydroplastic core (10)	74.3M	2.05M	Grey mud	
Piston core --11	73M	6.95M	Grey mud	

REMARKS: Hydro core: 60° 06.592'N , -144° 39.063'W

Pist. core; 60° 06.555'N , -144° 39.318'W

Hydro core at no. end of Kayac Tr. line.

Gas samples: 0-15 cm, 105-120 cm

Pist. core — top section (0-106 cm) flowed out of liner. Stored in plastic sack.

Gas sample: 675-695 cm

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 10

STATION NO: 6

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-15cm	Carlson	USGS	Gas analysis	
1	105-120cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 11

STATION NO: 6

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	675-695cm	Carlson	USGS	Gas analysis	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 04.540'N

LONGITUDE -144° 40.355'W

STATION NO. 7

LINE NO. 807

DAY/MONTH/YEAR

DATE 14/10/77

TYPE OF STORAGE (check one)

DRY	COLD	FROZEN
	x	

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core 1	149M	no recovery		
"	142M	"		
Gravity core 1 2	130M	1.0M		
(13) Hydroplastic core	130M	30 cm in bag		
Gravity core		no recovery		
Gravity core -14	141M	1.45M	Grey mud	

REMARKS: Grav. core 1; 60° 05.123'N , -144° 40.438'W

Hydro core : 60° 05.123'N , -144° 40.438'W

SIMULTANEOUS CORES

Gravity core 2 : 60° 05.914'N , -144° 41.682'W

Middle of Kayak Trough slide — possibly some sand

Gas samples : 0-20 cm, 125-145 cm

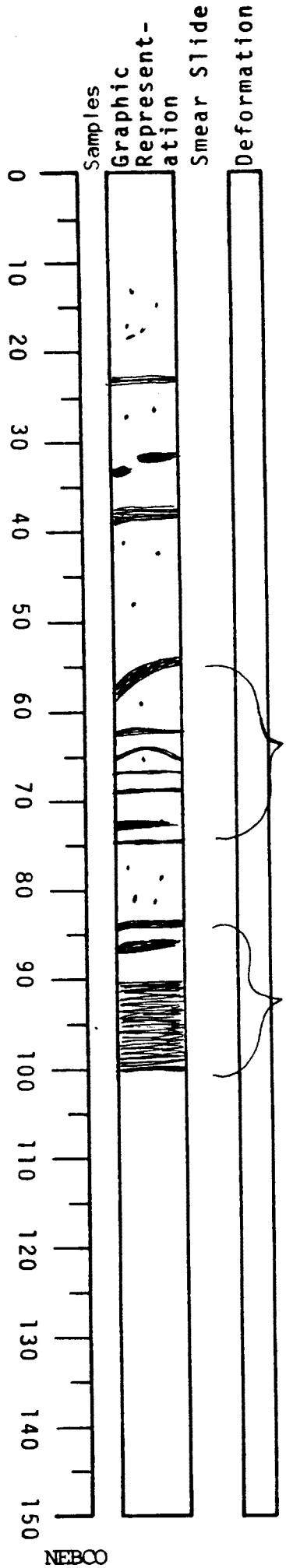
NEBCO

VISUAL CORE DESCRIPTION

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

0-100cm

STATION#				OBSERVER
			7	Atwood



Sand layer

Sand layer

Sand layers

Sand layers

GENERAL DESCRIPTION

Olive grey (5Y 3/2) mud with several firm,drier,sand layers of irregular thickness and intervals.Infrequent black organic inclusions.The mud is generally very soft and was hard to split because it was semi-"soupy."

SAMPLE LOG

LOCATOR: S8-77-EG SAMPLE NO: 12

STATION NO: 7

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
(0-100) 1 cm	0-5cm	Carlson	USGS	Bulk density	
1	55cm	"	"	"	
1	91cm	"	"	"	
1	0-5cm	Carlson	USGS	Forams	5/29/79
1	90cm	"	"	"	"
1	88cm	"	"	"	"
1	78cm	"	"	"	"
1	55cm	"	"	"	"
1	52cm	"	"	"	"
1	36cm	"	"	"	"
1	32cm	"	"	"	"
1	92cm	Carlson	USGS	Grain size analysis	5/29/79
1	75cm	"	"	"	"
1	55cm	"	"	"	"
1	45cm	"	"	"	"
1	23cm	"	"	"	"
1	80cm	Carlson	USGS	Clay mineralogy	5/29/79
1	28cm	"	"	"	"
1	15cm	Carlson	USGS	Vane shear	5/29/79
1	48cm	"	"	"	"

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 12

STATION NO: 7

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1 (0-100cm)	79cm	Carlson	USGS	Vane shear	5/29/79

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 13

STATION NO: 7

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG SAMPLE NO: 14

STATION NO: 7

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
1	0-20cm	Carlson	USGS	Gas analysis	
1	125-145cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 00.224'N

LONGITUDE -144° 40.023'W

STATION NO. 8

LINE NO. 807

DAY/MONTH/YEAR

DATE 15/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core 15	230M	1.7M		
Hydroplastic core (16)	228M	2.0M		
Gravity core =-17	228M	1.98M		

REMARKS: Grav. core 1: 60° 00.435'N , -144° 34.548'W
Gas samples: 0-20 cm, 66-86 cm, 150-160 cm

Hydrocore: 60° 00.927'N , -144° 40.155'W
Grav. core 2: 60° 01.145'N , -144° 40.7'W

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 15

STATION NO: 8

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	66-86cm	"	"	"	
	150-160cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 16

STATION NO: 8

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record—contact Paul		Carlson	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 17

STATION NO: 8

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 55.990'N

LONGITUDE -144° 39.060'W

STATION NO. 9

LINE NO. 807

DAY/MONTH/YEAR

DATE 15/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core 18	185M	2.95M		
Hydroplastic core (19)	192M	3.0M		
Gravity core 20	196M	3.0M		
Gravity core --21	190M	4.2M (2 barrels)		

REMARKS: Grav. core 1: 59° 56 048'N , -144° 39.138'W

Gas sample: 0-2 cm, 95-115 cm, 195-215 cm, 275-295 cm

Hydro core: 59° 56.219'N , -144° 39.243'W

Grav. core 2: 59° 56.353'N , -144° 39.338'W

Grav. core 3: 59° 56.428'N , -144° 38.267'W

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 18

STATION NO: 9

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	95-115cm	"	"	"	
	275-295cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: ~~S8-77-EG~~

SAMPLE NO: 19

STATION NO: 9

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul		Carlson	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 20

STATION NO: 9 =

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG SAMPLE NO: 21

STATION NO: 9

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 08.296'N

LONGITUDE -144° 39.750'W

STATION NO. 10

LINE NO. 808

DAY/MONTH/YEAR

DATE 15/10/77

TYPE OF STORAGE (check one)

	x	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity cores	32M	no recovery		

REMARKS: No recovery in three tries --nothing in core catcher or barrel.

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 51.395'N

LONGITUDE -144° 24.937W

STATION NO. 11

LINE NO. 811

DAY/MONTH/YEAR

DATE 16/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--22	42m	1" in bag	Shell hash	
Gravity core--23	50m	1.28m		

REMARKS: Grav. core 1: 59° 51.613'N , -144° 25.050'W

Grav. core 2: 59° 50.751'N , -144° 24.263'W

Core catcher sample -- S.E. Kayak Island

Gas: 0-20cm, 108-128cm

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 22

STATION NO: 11

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 23

STATION NO: 11

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	108-128cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 56.98'N

LONGITUDE -143° 33.20'W

STATION NO. 12

LINE NO. 813

DAY/MONTH/YEAR

DATE 16/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Hydroplastic core		no recovery		

REMARKS:

NEBCO

USGS STATION LOG

SHIP / LEG ~~S8-77-EC~~

LATITUDE 59° 55.928'N

LONGITUDE -141° 25.264'W

STATION NO. 13

LINE NO.

DAY/MONTH/YEAR

DATE ~~17/10/77~~

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--24	24m	10cm		
Water sample	24.6m			

REMARKS: Grav. core: tried 3 cores here— only got 1 small sample &some muddy sand from barrel of another.

Gas : 4-14cm
Bag sample : 0-4cm

Water sample : 20 water bottles collected for concentration of rock flour.

ICY BAY

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 24

STATION NO: 13

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	4-14cm	Carlson	USGS	Gas analysis	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 34.860'N

LONGITUDE -141° 58.198'W

STATION NO. 14

LINE NO. 818

DAY/MONTH/YEAR

DATE 18/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
gravity core --25	168m	3.0m	Grey mud - high clay	

REMARKS: Full barrel & bagged core catcher
Gas: 0-10cm , 80-100cm , 180-200cm
SEAWARD OF ICY MALA SLUMP

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 25

STATION NO: 14

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	80-100cm	"	"	"	
	180-200cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 45.286'N

LONGITUDE -141° 57.166'W

STATION NO. 15

LINE NO. 819

DAY/MONTH/YEAR

DATE 18/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--26	105m	2.2m	soft grey mud	

REMARKS: Gas: 0-20cm, 120-140cm

ICY-MALA SLUMP -- MID SLUMP

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 26

STATION NO: 15

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	120-140cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 49.383'N

LONGITUDE -141° 55.607'W

STATION NO. 16

LINE NO. 819

DAY/MONTH/YEAR

DATE 18/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core —27	73m	2.0m		

REMARKS: Gas : 0-20cm , 100-120cm

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 27

STATION NO: 16

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	100-120cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 31.130' N

LONGITUDE -141° 20.868'W

STATION NO. 17

LINE NO. 822

DAY/MONTH/YEAR

DATE 18/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--28	155m	.65m		
Gravity core 29	155m	2.65m (maybe 3.65m)		
Gravity core 30	153m	3.69m		

REMARKS: Grav. core 1: 59° 31.130'N , -141° 20.868'W

Grav. core 2: 59° 31.130'N , -141° 20.9'W

Gas: 0-20cm, 65-85cm, 165-185cm, 265-285cm

Grav. core 3: 59° 31.5'N , -141° 22.5'W

SO. OF ICY-MALA SLUMP

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 28

STATION NO: 17

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 29

STATION NO: 17

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	65-85cm	"	"	"	
	165-185cm	"	"	"	
	265-285cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 30

STATION NO: 17

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
(0-69cm) 1	23cm	Carlson	USGS	Bulk density	6/15/79
"	54cm	"	"	"	"
1	14cm	Carlson	USGS	Clay mineralogy	"
1	54cm	"	"	"	"
1	16cm	Carlson	USGS	Grain size analysis	"
1	38cm	"	"	"	"
1	60cm	"	"	"	"
1	8cm	Carlson	USGS	Forams	"
1	31cm	"	"	"	"
1	67cm	"	"	"	"
1	19cm	Carlson	USGS	Vane shear	"
1	62cm	"	"	"	"
(69-169) 2 cm	86cm	Carlson	USGS	Bulk density	
2	159cm	"	"	"	
2	119cm	Carlson	USGS	Clay mineralogy	
2	86cm	Carlson	USGS	Grain size analysis	
2	158.5-159.5cm	"	"	"	
2	104-124cm	Carlson	USGS	Identification	
2	135-145cm	Carlson	USGS	Atterberg limits	
2	75cm	Carlson	USGS	Vane shear	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 30

STATION NO: 17

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
69-169 cm 2	119.5cm	Carlso n	USGS	Vane shear	
2	164.5cm	"	"	"	
169-269 cm 3	181cm	Carlson	USGS	Bulk density	6/14/79
3	260cm	"	"	"	"
3	178cm	Carlson	USGS	Clay mineralogy	"
3	211cm	"	"	"	"
3	257cm	"	"	"	"
3	185cm	Carlson	USGS	Grain size analysis	"
3	219cm	"	"	"	"
3	263cm	"	"	"	"
3	214cm	Carlson	USGS	Forams	"
3	268cm	"	"	"	"
3	187cm	Carlson	USGS	Vane shear	6/14/79
3	253cm	"	"	"	"
3	265cm	"	"	"	"
269-369 cm 4	291cm	Carlson	USGS	Bulk density	6/12/79
4	354cm	"	"	"	"
4	288cm	Carlson	USGS	Clay mineralogy	"
4	216cm	Carlson	USGS	Grain size analysis	"
4	285cm	"	"	"	"

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 30

STATION NO: 17

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
269-369 cm 4	319cm	Carlson	USGS	Grain size analysis	6/12/79
4	349cm	"	"	"	"
4	361cm	"	"	"	"
4	216cm	Carlson	USGS	Forams	"
4	349cm	"	"	"	"
4	354cm	"	"	"	"
4	368cm	"	"	"	"
4	277cm	Carlson	USGS	Vane shear	6/12/79
4	325cm	"	"	"	"

NEBCO

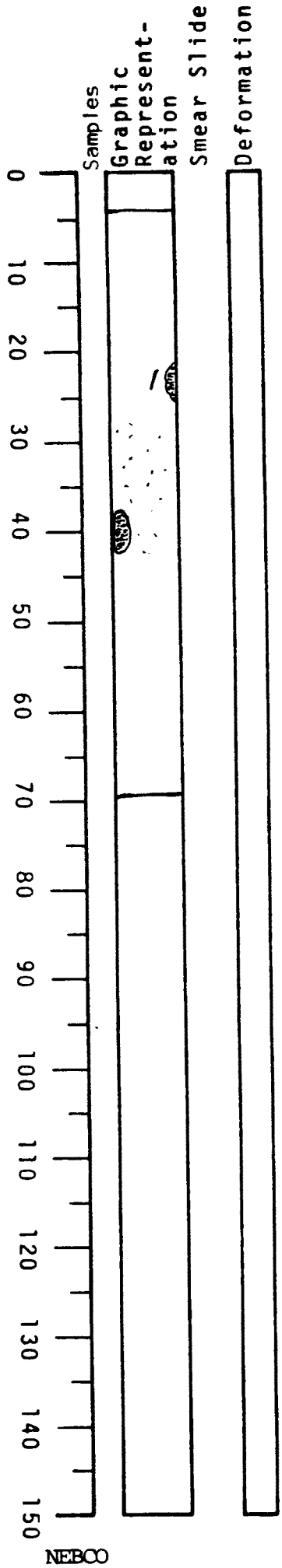
VISUAL CORE DESCRIPTION

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

Top

0.0-69cm.

STATION#	OBSERVER
1 7	Johnson/ Atwood



Shell fragment

Small silty concentration

Concentration of organic blebs

Small concentration of silt

Bottom 7cm stiffer, siltier

GENERAL DESCRIPTION

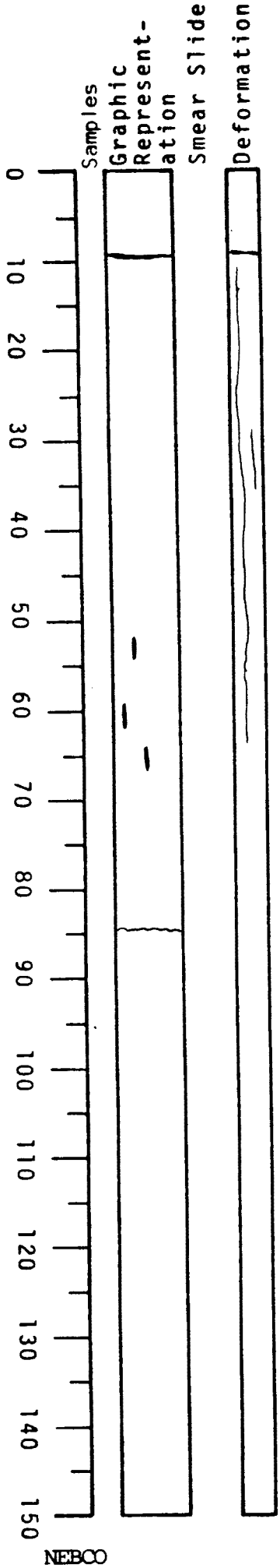
Generally homogeneous mud, 5 GY 4/1 colour. Some small siltier lenses and organic blebs. Very subtle colour change from top to bottom of section, w/bottom end slightly darker. Somewhat less subtle change in consolidation from top to bottom w/bottom somewhat firmer. Some shell frags.

VISUAL CORE DESCRIPTION

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

STATION#	OBSERVER
1 7	WPC

69-169cm



Heavy black staining at top

Several stem drag marks

105-125cm--zone of plant stems oriented lengthwise along core.2mm diametres,varying lengths.

145cm and below—gets slightly stiffer and drier

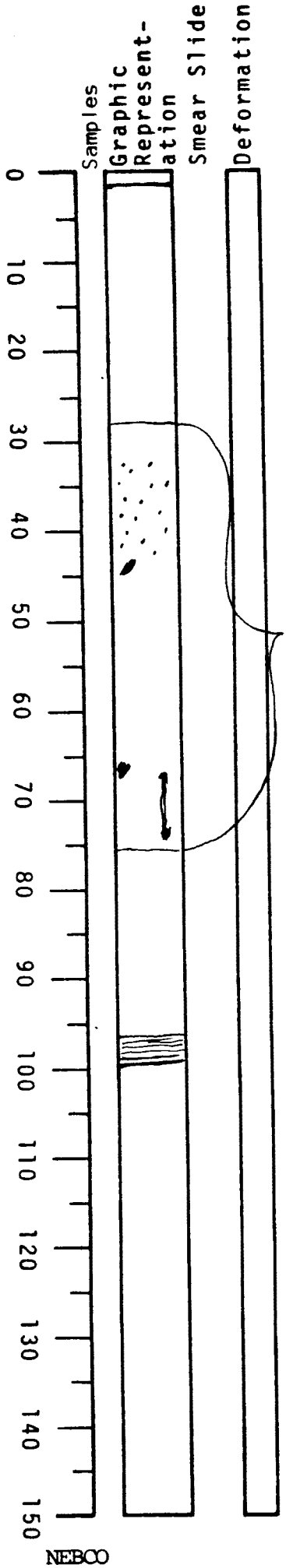
GENERAL DESCRIPTION

Homogeneous mud,weak grey.No organic spots, very smelly:high H_2S content.

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 8 - 7 7 - E G	3 0	3

STATION#	OBSERVER
1 7	Wheeler



Top

169-269cm

Olive-black (5Y 2/1)

Concentration of organic blebs

Silty lens

Slightly lighter in colour

Silty pod

Shell frags. and drag trace from splitting core

Bottom 3-4cm are siltier and stiffer

GENERAL DESCRIPTION

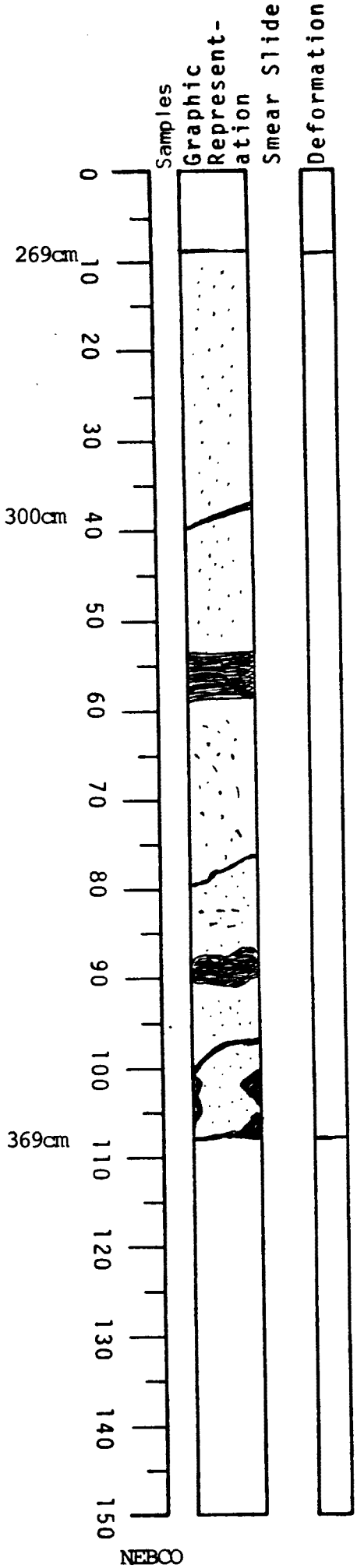
Homogeneous 5Y 2/1 mud w/some siltier lenses and pods. Some slight colour changes, small shell fragments, and organic blebs.

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
S 8 - 7 7 - E G	3 0	4

269-369cm

STATION#	OBSERVER
1 7	Atwood



Black organics

Sand lens

Black organics

Sand pod

Black organics with an organic layer

Sand pod

Sand lenses and pods

GENERAL DESCRIPTIONS

Olive-grey (5Y 3/2)mud with ubiquitous black organic inclusions. Occasional sand lenses increasing towards bottom of core.

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 34.296'N

LONGITUDE 141° 21.038'W

STATION NO. 18

LINE NO. 822

DAY/MONTH/YEAR

DATE 18/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core —31	123m	3.02m		
Piston core —32	115m	7.60m		

REMARKS: Grav. core: 59° 34.296'N , -141° 21.038'W
Gas: 0-20cm, 106-126cm, 206-226cm

Pist. core : 59° 34.433'N , -141° 20.960'W

Both have bag samples - core catcher

LOWER END OF ICY MALA SLUMP

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 31

STATION NO: 18

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-20cm	Carlson	USGS	Gas analysis	
	106-126cm	"	"	"	
	206-226cm	"	"	"	

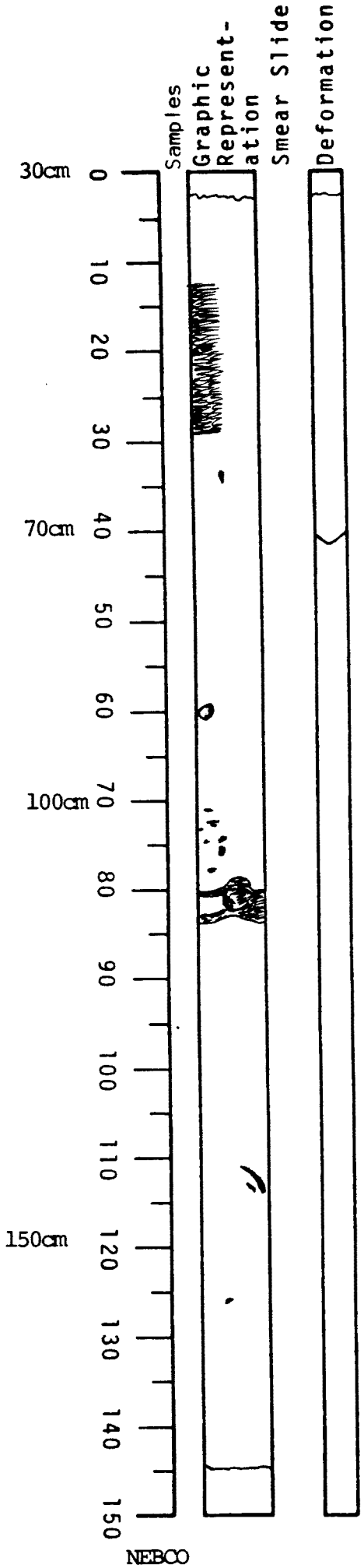
NEBCO

VISUAL CORE DESCRIPTION

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

STATION#				OBSERVER
		1	8	WPC

Core length:
actual 30.5-180cm
said 32-180cm



Core starts

42-58cm
slightly courser area

63.5cm--plant stem

70-72cm--crack

90cm—gritty pod

100-105cm—sandy stringers

108-112cm--large distorted sandy patch

141-143cm--courser

156cm—visible shell frag.

174-180cm—very stiff,courser

GENERAL DESCRIPTION

Top third seems higher in moisture content.Core gets progressively stiffer w/depth.Several coarser pods and layers.Little organic staining.

5 GY 4/1—throughout

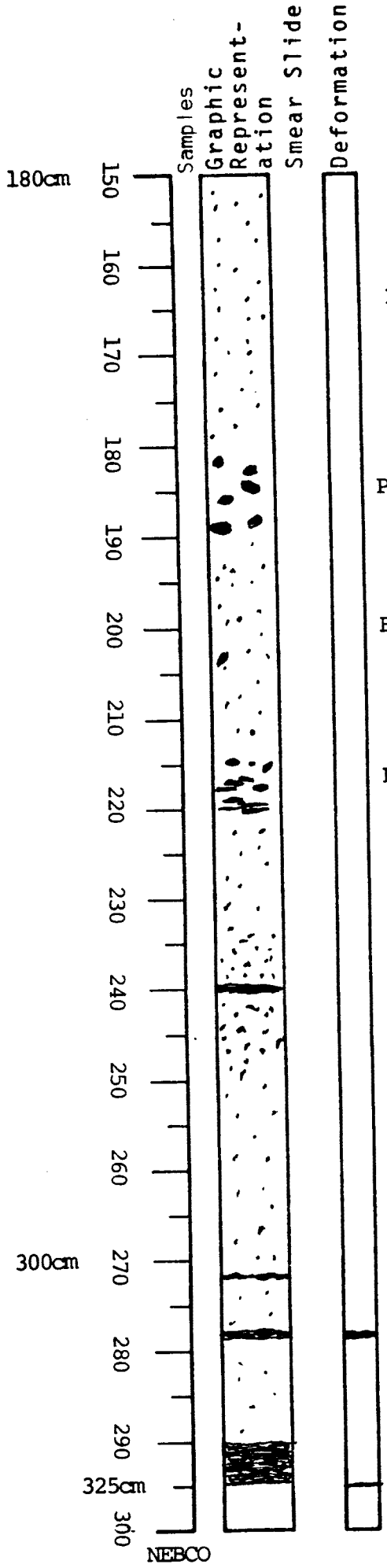
NEBCO

VISUAL CORE DESCRIPTION

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

STATION#				OBSERVER
		1	8	Atwood

180-320cm
(325)



Black organic inclusions

Patches of sand

Black organic inclusions

Patches of sand

Sand lens

Higher concentration of organic inclusions

Sand lens

1cm wide sand lens

Slight decrease in number of organic inclusions

5cm wide sand lens

GENERAL DESCRIPTION

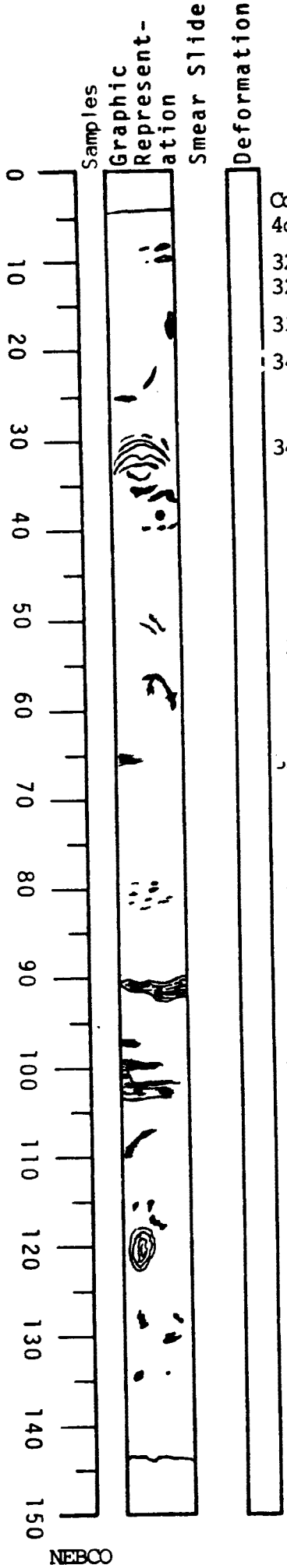
Stiff clayey silt w/ubiquitous black organic inclusions.

Dark greenish grey
5 GY 4/1

VISUAL CORE DESCRIPTION

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

STATION#			OBSERVER
		1 8	WPC



Core settled 4cm

320-468cm

327-328cm--sand lenses

328cm--horizontal crack

336-338cm--lengthwise coarser lens

342cm--start of coarser/looser stringers throughout core

348-355cm--spherical structure of alternating layers of coarser-finer material

GENERAL DESCRIPTION

Little organic staining. Lots of coarse/loose layers interfingered throughout. Not too wet

374cm--deformed sandy lens

384cm--coarse lens

400cm--slight coarse patch

400-410cm--seems wetter

410-412cm--sandy layer

417-421cm thicker alternating coarse-fine layers

428-430cm--coarser lens

435-443--pod of layered organic staining on mud

454cm--shell hash pods

463cm--contact between soft mud and unusually stiff mud more coarse material

NEBCO

VISUAL CORE DESCRIPTION

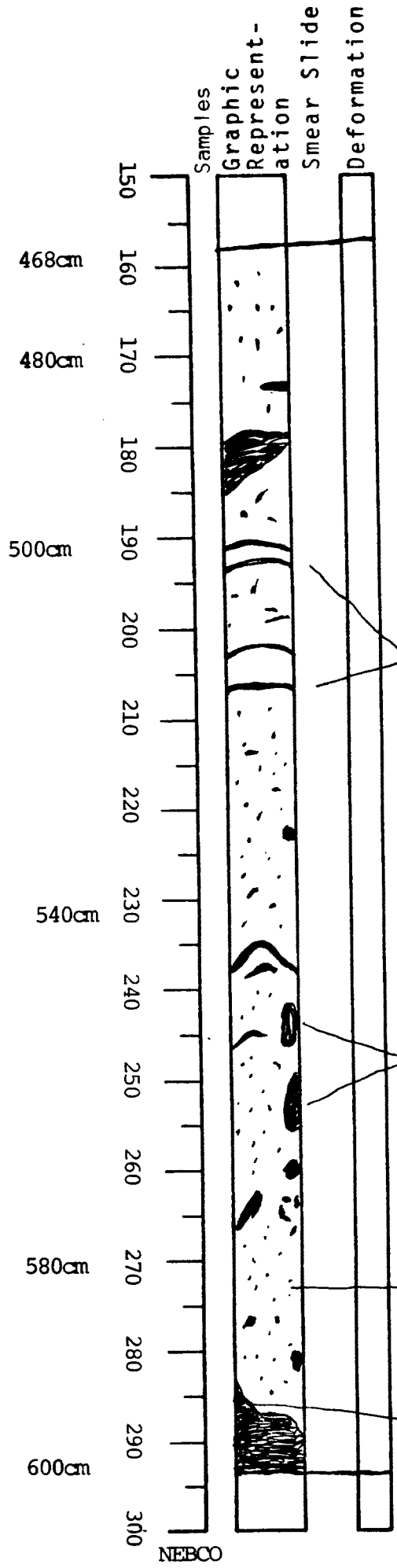
LOCATOR								SAMPLE NO.					SEC.	
S	8	-	7	7	-	E	G				3	2		4

468-603cm

STATION#				OBSERVER
		1	8	Atwood

General Description

Olive-grey(5Y 3/2) mud w/sand pods and lenses.Mottled w/small bands and splotches of black organics.Last 5cm very firm and dry sand.



SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 32

STATION NO: 18

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
32-180 cm 1	43cm	Carlson	USGS	Bulk density	
1	101cm	"	"	"	
1	169cm	Carlson	USGS	Water content	
1	101cm	Carlson	USGS	Clay mineralogy	
1	53.5cm	Carlson	USGS	Grain size analysis	
1	140.5cm	"	"	"	
1	43cm	Carlson	USGS	Forams	
1	108cm	"	"	"	
1	157.5cm	"	"	"	
1	118-129cm	Carlson	USGS	Atterberg limits	
1	53.5cm	Carlson	USGS	Vane shear	
1	115cm	"	"	"	
1	148cm	"	"	"	
180-325 cm 2	200cm	Carlson	USGS	Bulk density	
2	315cm	"	"	"	
2	200cm	Carlson	USGS	Clay mineralogy	
2	238cm	"	"	"	
2	315cm	"	"	"	
2	208cm	Carlson	USGS	Grain size analysis	
2	272cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 32

STATION NO: 18

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
180-325 cm 2	309cm	Carlson	USGS	Grain size analysis	
2	245cm	Carlson	USGS	Forams	
2	265cm	"	"	"	
2	306cm	"	"	"	
2	205cm	Carlson	USGS	Vane shear	5/24/79
2	242cm	"	"	"	"
2	312cm	"	"	"	"
320-468 cm 3	339.5cm	Carlson	USGS	Bulk density	
3	398cm	"	"	"	
3	444.5cm	"	"	"	
3	398cm	Carlson	USGS	Clay mineralogy	
3	339.5cm	Carlson	USGS	Grain size analysis	
3	352cm	"	"	"	
3	380.5cm	"	"	"	
3	421cm	"	"	"	
3	444.5cm	"	"	"	
3	464cm	"	"	"	
3	348cm	Carlson	USGS	Forams	
3	352.5-355cm	"	"	"	
3	358cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 32

STATION NO: 18

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
320-468 cm 3	410-411.5cm	Carlson	USGS	Forams	
3	465cm	"	"	"	
3	333cm	Carlson	USGS	Vane shear	5/25/79
3	380.5cm	"	"	"	"
3	451cm	"	"	"	"
3	381-391cm	Carlson	USGS	Atterberg limits	
468-603 cm 4	502cm	Carlson	USGS	Bulk density	6/7/79
4	588cm	"	"	"	"
4	598cm	"	"	"	"
4	533cm	Carlson	USGS	Clay mineralogy	"
4	484cm	"	"	"	"
4	585cm	"	"	"	"
4	486cm	Carlson	USGS	Grain size analysis	6/7/79
4	534cm	"	"	"	"
4	555cm	"	"	"	"
4	591cm	"	"	"	"
4	602cm	"	"	"	"
4	477cm	Carlson	USGS	Forams	6/7/79
4	489cm	"	"	"	"
4	493cm	"	"	"	"

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 22

STATION NO: 18

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
468-603 cm 4	495cm	Carlson	USGS	Forams	6/7/79
4	537cm	"	"	"	"
4	546cm	"	"	"	"
4	588cm	"	"	"	"
4	601cm	"	"	"	"
4	507cm	Carlson	USGS	Vane shear	6/6/79
4	530cm	"	"	"	"
4	557cm	"	"	"	"
4	594cm	"	"	"	"

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 37.447'N

LONGITUDE -141° 20.180'W

STATION NO. 19

LINE NO. 822

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Piston core--33	88m	8.07m		

REMARKS: Gas: 0-10cm, 226-236cm , 519-529cm

MID PART OF ICY-MALA SLUMP

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 33

STATION NO: 19

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	519-529cm	"	"	"	
	226-236cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 42.41'N

LONGITUDE -141° 19.998'W

STATION NO. 20

LINE NO.

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	53m	no recovery		

REMARKS: Stations 20 - 25 were all no recovery attempts with the big gravity corer.

Probably sandy bottom.

LANDWARD END OF WESTERN LINE ACROSS ICY-MALA SLUMP.

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 42.70'N

LONGITUDE ?

STATION NO. ? 21

LINE NO.

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	54m	NO RECOVERY		

REMARKS:

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 41.967'N

LONGITUDE -141° 20.095'W

STATION NO. 22

LINE NO.

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	55m	no recovery		

REMARKS:

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 41.309'N

LONGITUDE -141° 20.540'W

STATION NO. 23

LINE NO.

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	59m	no recovery		

REMARKS:

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 40.788'N

LONGITUDE -141° 20.608'W

STATION NO. 24

LINE NO.

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	62m	no recovery		

REMARKS:

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE

LONGITUDE

STATION NO. 25

LINE NO.

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	70m	no recovery		

REMARKS:

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 56.534'N

LONGITUDE -143° 32.358'W

STATION NO. 26

LINE NO. 823

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--34	248m	.9m	muddy fine sand	

REMARKS: Stiff,sandy (very fine)--possible burrows.
Core catcher sample in plastic sack.
Gas: top--0-8cm , bottom--81-89cm

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 34

STATION NO: 26

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-8cm	Carlson	USGS	Gas analysis	
	81-89cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 56.654'N

LONGITUDE -143° 39.587

STATION NO. 27

LINE NO. 824

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--35	228m	1.1m	very fine sandy mud	

REMARKS: Gas: 0-10cm, 100-110cm

BASE WEST SIDE -BERING TROUGH

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 35

STATION NO: 27

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	100-110cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG ~~S8-77-EG~~

LATITUDE 59° 56.640'N

LONGITUDE -143° 35.751'W

STATION NO. 28

LINE NO. 825

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--36	255m	0.9m	fine sandy	mud
Gravity core ~~-~~37	255m	1.18m	fine grey sandy mud	

REMARKS: Grav. core 1: gas sample— 0-10cm , 80-90cm
Higher methane - check profile

MID BERING TROUGH

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 36

STATION NO: 28

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	80-90cm	"	"	"	

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 37

STATION NO: 28

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 57.994'N

LONGITUDE -143° 36.394'W

STATION NO. 29

LINE NO. 826

DAY/MONTH/YEAR

DATE 19/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--38	242m	1.28m		

REMARKS: Coordinates later offset in miniranger indicating position to be approx. 59° 58.05'N , -143° 38.0'W

Gas: 0-10cm , 118-128cm
High methane

NORTHERNMOST CORE--BERING TROUGH

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 38

STATION NO: 29

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	118-128cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG: S8-77-EG

LATITUDE: 60° 04.161'N

LONGITUDE: -141° 23 421'W

STATION NO.: 30

LINE NO.: 831

DAY/MONTH/YEAR

DATE: 21/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
GRAVITY CORE --39	149m	6.0m		

REMARKS: Very soft,grey,clayey silt.

UPPER END OF ICY BAY

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 39

STATION NO: 30

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Carlson	USGS	?	
		No subsample record--contact Paul Carlson			

NEBCO

USGS STATION LOG

SHIP / LEG: S8-77-EG

LATITUDE: 60° 03.559'N

LONGITUDE: -141° 22.271'W

STATION NO.: 31

LINE NO.: 831

DAY/MONTH/YEAR

DATE: 21/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core --40	146m	6.76m		

REMARKS: Gas: 0-10cm, 226-236cm, 656-676cm

ICY BAY

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 40

STATION NO: 31

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	226-236cm	"	"	"	
	656-676cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 01.713'N

LONGITUDE -141° 21.062'W

STATION NO. 32

LINE NO. 831

DAY/MONTH/YEAR

DATE 21/10/77

TYPE OF STORAGE (check one)

	x	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core —41	114m	1.4m	V. soft grey mud w/pebbles	

REMARKS: Core catcher bagged.

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 41

STATION NO: 32

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 60° 01.051'N

LONGITUDE -141° 21.306'W

STATION NO. 33

LINE NO. 831

DAY/MONTH/YEAR

DATE 21/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core—42	104m	2.9m		

REMARKS: Core catcher bagged

SAMPLE LOG

LOCATOR: S8-77-EG SAMPLE NO: 42

STATION NO: 33

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 57.758'N

LONGITUDE -141° 25.264'W

STATION NO. 34

LINE NO. 831

DAY/MONTH/YEAR

DATE 21/10/77

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core	28m	no recovery		

REMARKS: Very rich in sand

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 56.986'N

LONGITUDE -141° 26.488'W

STATION NO. 35

LINE NO. 831

DAY/MONTH/YEAR

DATE 21/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core --43	47m	1 small bag		
Gravity core		NO RECOVERY		
Gravity core —44	57m	1 small bag		

REMARKS: Grav. core 1: 59° 56.986'N , -141° 26.488'W

Grav. core 3: 59° 59.028'N , -141° 27.936'W

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 43

STATION NO: 35

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO

SAMPLE LOG

LOCATOR: ~~S8-77-EC~~

SAMPLE NO: 44

STATION NO: 35

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO

USGS STATION LOG

SHIP / LEG S8--77-EG

LATITUDE 59° 52.151'N

LONGITUDE -139° 41.850'W

STATION NO. 36

LINE NO. 835

DAY/MONTH/YEAR

DATE 21/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core-45	262m	2.1m	soft grey mud sand at bottom	
Gravity core-46	261m	2.31m	soft grey mud sandy at bottom	

REMARKS: Grav. core 1: 59° 52.151'N , -139° 41.850'W

Grav. core 2: 59° 52.209'N , -139° 41.810'W

Clay at top, fine sand at bottom.

Gas: 0-10cm, 155-170cm, 221-231cm

YAKUTAT BAY

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 45

STATION NO: 36

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	PAUL CARLSON	USGS	?	
		No subsample record			

NEBCO

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 45

STATION NO: 36

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	0-10cm	Carlson	USGS	Gas analysis	
	155-175cm	"	"	"	
	221-231cm	"	"	"	

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 43.930'N

LONGITUDE -139° 42.077'W

STATION NO. 37

LINE NO. 835

DAY/MONTH/YEAR

DATE 21/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core --47	177m	2.7m	grey pebbly mud	

REMARKS:

SAMPLE LOG

LOCATOR: S8-77-EG

SAMPLE NO: 47

STATION NO: 37

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO

USGS STATION LOG

SHIP / LEG S8-77-EG

LATITUDE 59° 38.215'N

LONGITUDE -139° 47.933'W

STATION NO. 38

LINE NO. 835?

DAY/MONTH/YEAR

DATE 22/10/77

TYPE OF STORAGE (check one)

	X	
DRY	COLD	FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
Gravity core--48	137m	8"	hard pack sand	

REMARKS:

SAMPLE LOG

LOCATOR: S8-77-EG SAMPLE NO: 48

STATION NO: 38

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	?	Paul Carlson	USGS	?	
		No subsample record			

NEBCO