

UNIVERSITY OF WASHINGTON

DEPARTMENT OF

OCEANOGRAPHY

Special Report No. 39

**BOTTOM SEDIMENT DATA FROM THE CONTINENTAL
SHELF OF WASHINGTON — GRAYS HARBOR TO
CAPE FLATTERY**

1967

VOLUME II

by

Thomas L. Burnett, Jr.

Department of Interior
U.S. Geological Survey
Grant 14-08-0001-10924

Reference M68-27
March 1968



SEATTLE, WASHINGTON 98105

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INTRODUCTION

This report contains data from the granulometric analysis of bottom sediments from the continental shelf of Washington. The sediment samples were obtained on RV *Oceanear* cruises in 1966 and 1967. Samples analyzed from *Oceanear* Cruise 5 were taken from laminations in vibratory cores. Multiple grab samples were taken from stations in *Oceanear* Cruise 10 and Cruise 14. The analyses of approximately 618 samples are presented in this report.

The samples were analyzed by the standard sieve and pipette method in the Oceanography Routine Sediment Laboratory at the University of Washington. Mr. Alan T. Ostenson and Mr. Thomas Andrus performed the analyses. The data were reduced by the computer program of Creager, McManus, and Collias (1962) and Collias et al. (1963). Miss Leilonie Gillespie was responsible for the data summary program.

This study has been part of a cooperative project by the Department of Oceanography and the Marine Geology Branch of the U.S. Geological Survey. Funds for the departmental personnel have been provided through Department of Interior Grant 14-08-001-10924.

EXPLANATION OF DATA TABLES

CRUISE	OC-5 RV <i>Oceanear</i> Cruise 5 OC-10 RV <i>Oceanear</i> Cruise 10 OC-14 RV <i>Oceanear</i> Cruise 14
STATION	Bottom station number
EXID (extra identification)	Zero unless replicate sample of subsample in a core
SAMPLER TYPE	GR - Grab sampler PL - Orange peel VV - Van Veen SG - Short gravity core
DATE	Month/day/year
LAT (latitude)	In degrees, minutes, and tenths of minutes
LONG (longitude)	In degrees, minutes, and tenths of minutes
DEPTH FROM TOP OF CORE	Depth in millimeters of subsample in core
LENGTH OF CORE	In millimeters
PHI SIZE	Class interval of particle size distribution in ϕ notation (Krumbein, 1934)

PHI SIZES AT PERCENT LEVELS OF	Interpolated phi values for 5th, 16th, 25th, 50th, 75th, 84th, and 95th percentiles. The 5-digit number following the value of the 95th percentile is a code indicating the method of interpolation, linear or Aitkins four point, used for each percentile. A full explanation of the code and the significance of the different interpolation methods is presented by Collias et al. (1963, p. 11).
SAND, SILT, CLAY RELATIONSHIPS	Percentages of gravel, sand, silt, and clay and the total percent
SAND/MUD	Ratio of gravel + sand/silt + clay
CLASS	Sediment type based on the triangle diagram of Shepard (1954). 1 - Sand 2 - Silty sand 3 - Sandy silt 4 - Silt 5 - Clayey sand 6 - Sand-silt clay 7 - Clayey silt 8 - Sandy clay 9 - Silty clay 10 - Clay
TRASK VALUES	Sediment statistics according to Trask (Krumbein and Pettijohn, 1938) Q1 - First quartile, in millimeters Q2 - Second quartile, in millimeters Q3 - Third quartile, in millimeters SO - Sorting coefficient LOG SO - Log sorting coefficient SKG - Skewness
INMAN VALUES	Sediment statistics according to Inman (1952) MEDIAN - Median particle diameter, in phi MEAN - Mean particle diameter, in phi DEV. - Standard deviation, in phi units SKEW - Skewness 2ND SKEW - Skewness value including more of the tails of the curve than skew KURT - Kurtosis
FOLK AND WARD	Sediment statistics according to Folk and Ward (1957) MEAN - Mean particle diameter, in phi DEV. - Standard deviation, in phi units

- TYPE - Grouping of standard deviations
- 1 - Very well-sorted sediment
 - 2 - Well sorted
 - 3 - Moderately sorted
 - 4 - Poorly sorted
 - 5 - Very poorly sorted
 - 6 - Extremely poorly sorted
- SKEW - Skewness
- TYPE - Grouping of skewness values
- 1 - Very negative skewed
 - 2 - Negative skewed
 - 3 - Nearly symmetrical
 - 4 - Positive skewed
 - 5 - Very positive skewed
- KURT - Kurtosis
- TYPE - Grouping of kurtosis values
- 1 - Platykurtic
 - 2 - Mesokurtic
 - 3 - Leptokurtic
 - 4 - Very leptokurtic
 - 5 - Extremely leptokurtic
- ERRATA - Kurtosis values of 10.0 and 11.0
represent a decimal error. Correct
values are 1.00 and 1.10

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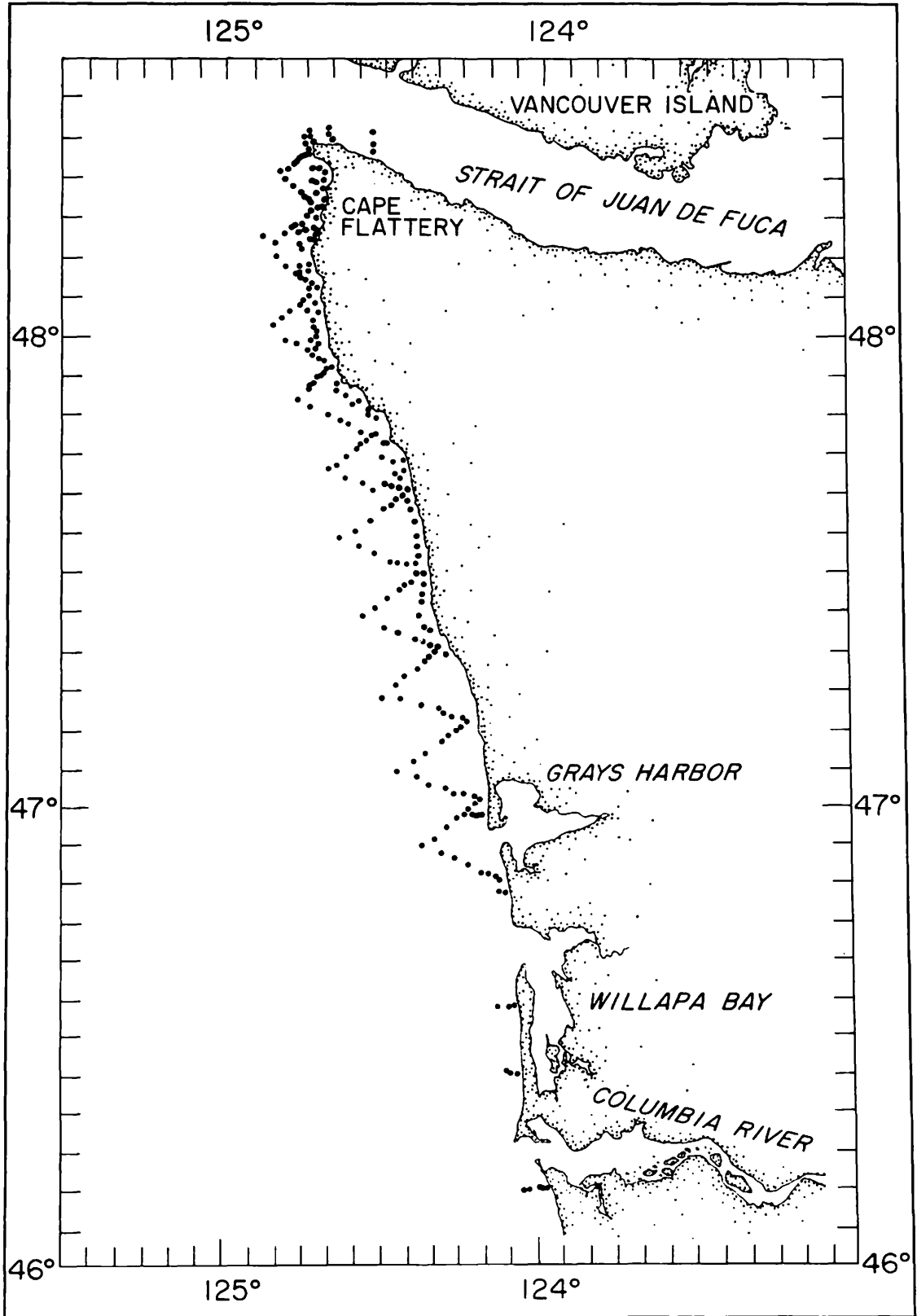


Fig. 1. Location of bottom samples analyzed for this report.

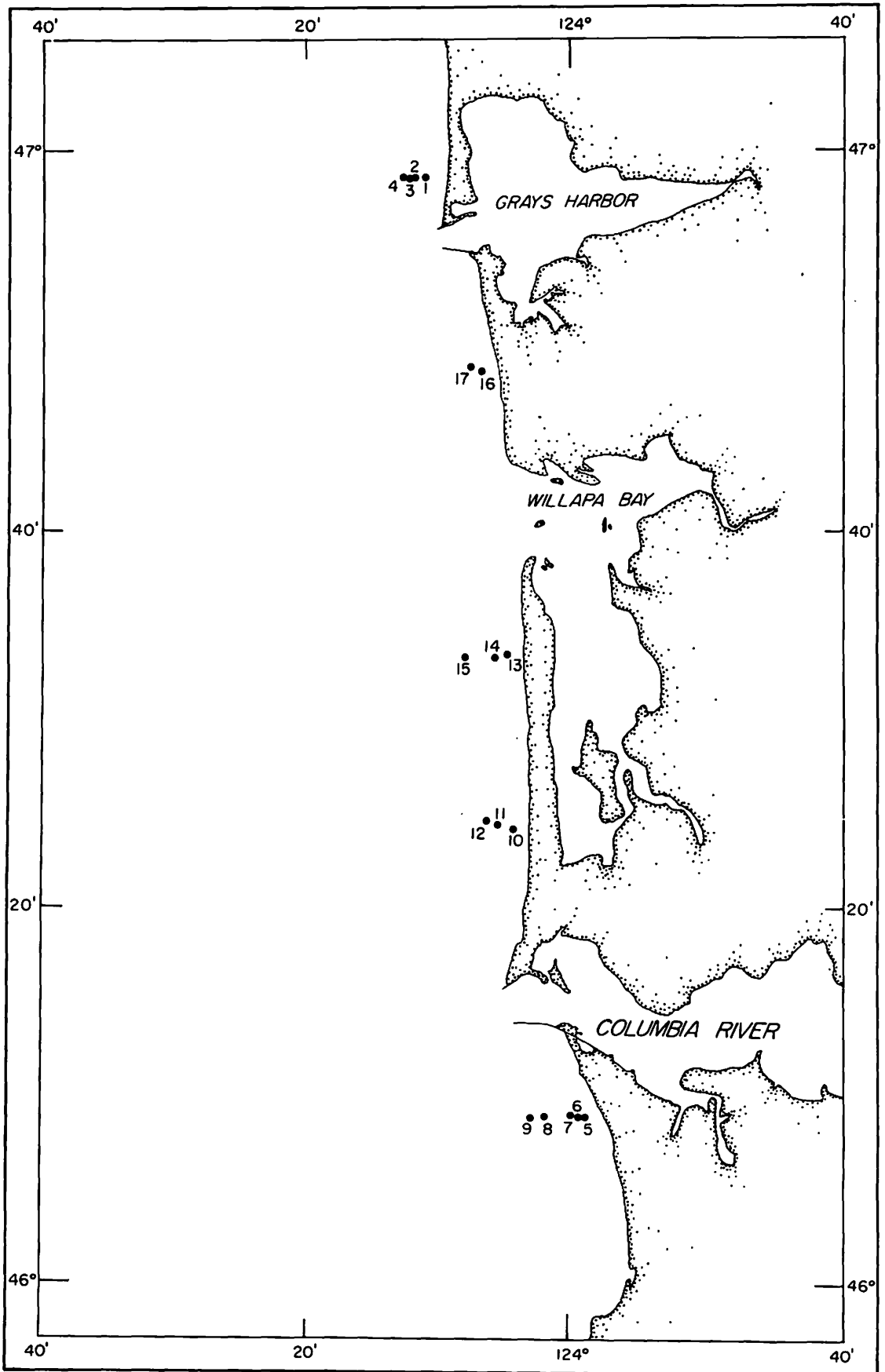


Fig. 2. Location of *Oceaner* Cruise No. 5 samples.

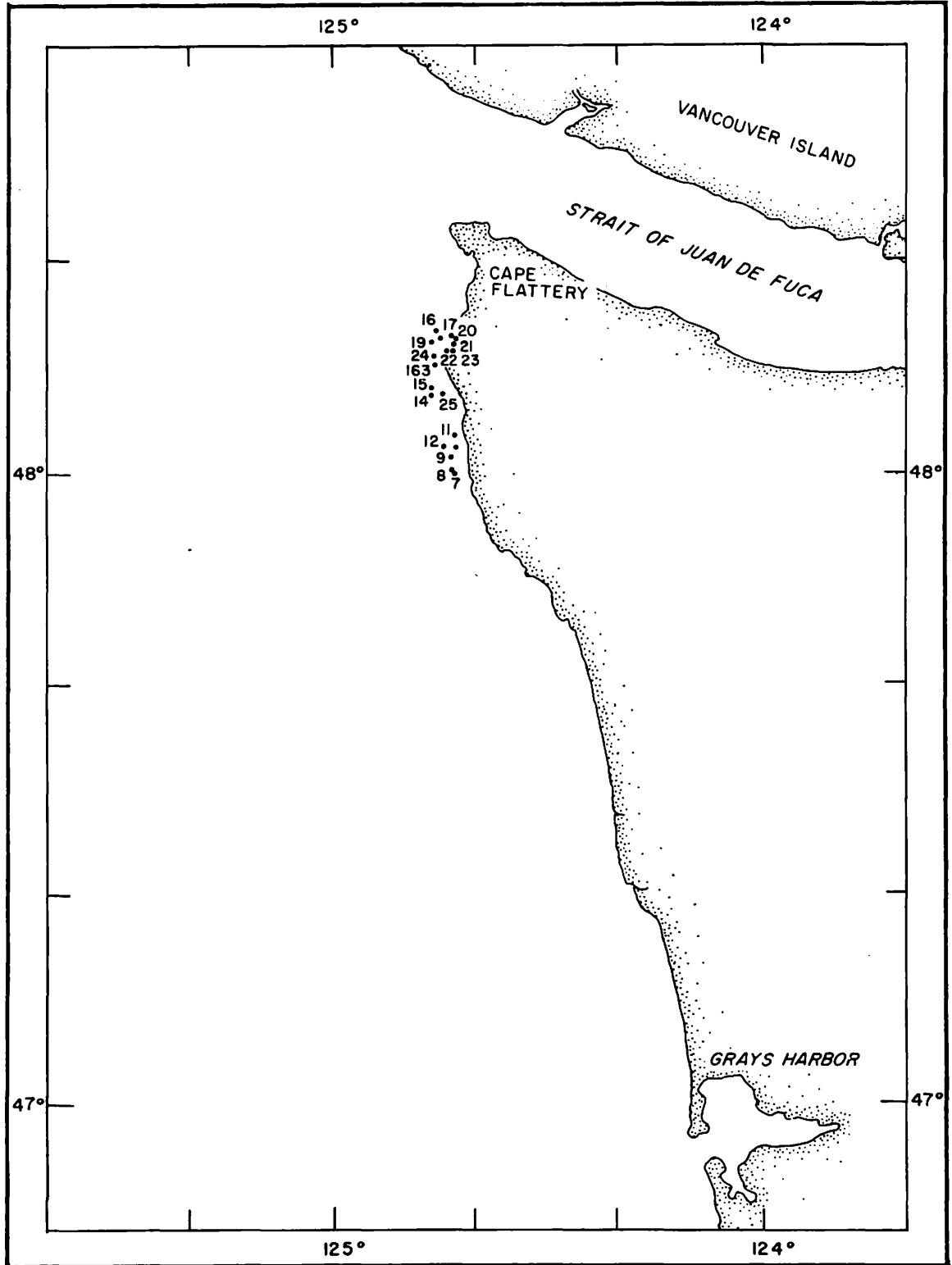


Fig. 3. Location of *Oceaner* Cruise No. 10 samples.

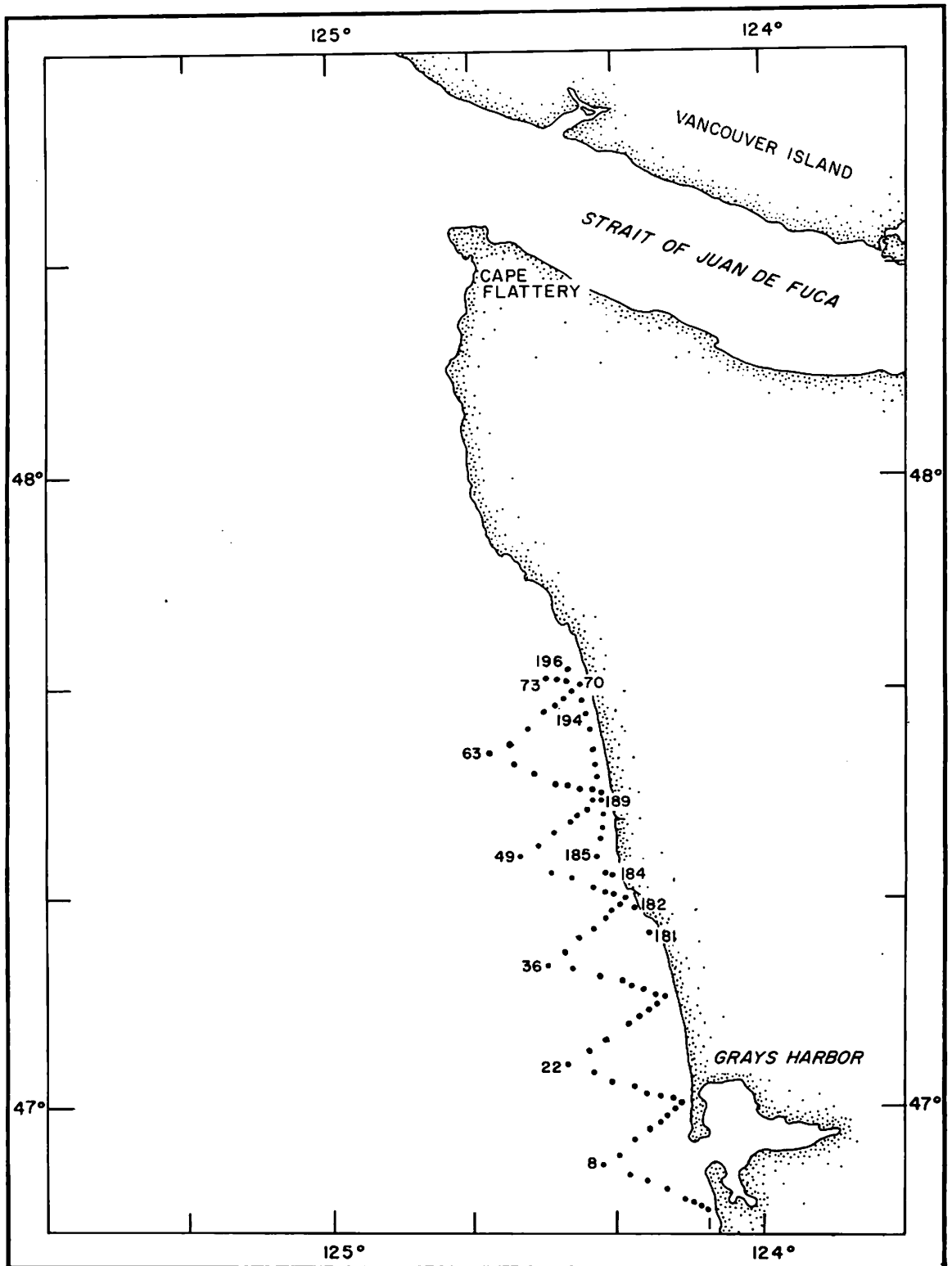


Fig. 4. Location of *Oceaener* Cruise No. 14 samples - Grays Harbor to Destruction Island.

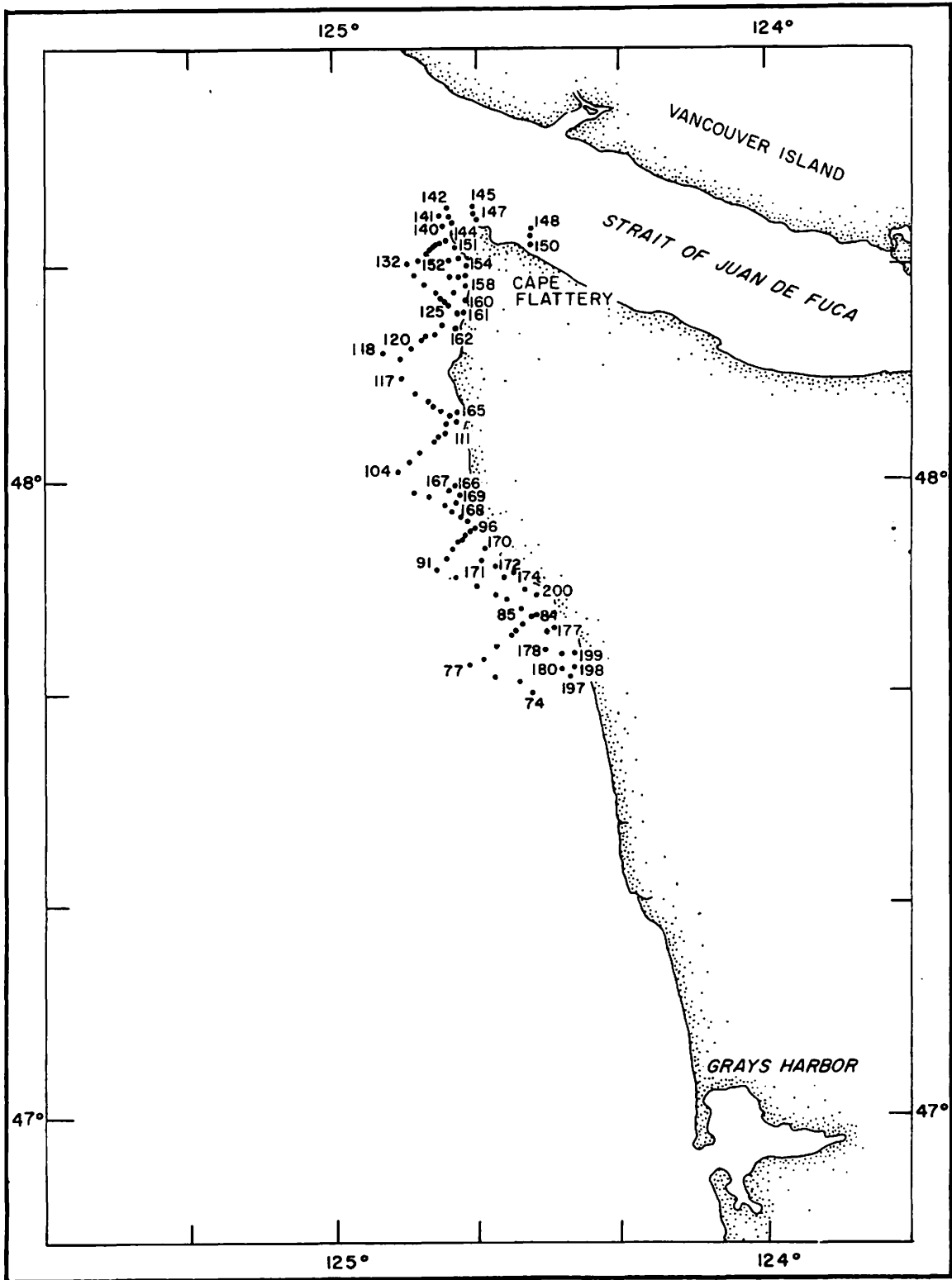


Fig. 5. Location of *Oceaener* Cruise No. 14 samples - Destruction Island to Cape Flattery.

CRUISE DC014 STATION 001 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 46-50.7N LONG 124-07.6W WATER DEPTH 9 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	5.180	4.64	4.64
-2.00	0.850	0.76	5.40
-1.75	0.000	0.00	5.40
-1.50	0.100	0.09	5.49
-1.25	0.100	0.09	5.58
-1.00	0.140	0.13	5.70
-0.75	0.200	0.18	5.88
-0.50	0.250	0.22	6.10
-0.25	0.030	0.03	6.13
0.00	0.010	0.01	6.14
0.25	0.020	0.02	6.16
0.50	0.020	0.02	6.18
0.75	0.080	0.07	6.25
1.00	0.100	0.09	6.34
1.25	0.150	0.13	6.47
1.50	0.300	0.27	6.74
1.75	0.410	0.37	7.11
2.00	0.830	0.74	7.85
2.25	0.920	0.82	8.67
2.50	6.000	5.37	14.04
2.75	30.410	27.21	41.26
3.00	44.410	39.74	81.00
3.25	15.760	14.10	95.10
3.50	3.320	2.97	98.08
3.75	0.800	0.72	98.79
4.00	0.090	0.08	98.87
5.00	0.215	0.19	99.06
6.00	0.020	0.02	99.08
7.00	0.035	0.03	99.11
8.00	0.045	0.04	99.15
9.00	0.045	0.04	99.19
10.00	0.900	0.81	100.00

POST ANALYTICAL WEIGHT 111.740

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
5.70	93.17	0.28	0.85	87.50	1	13

CRUISE OC014 STATION 001 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.78L*	-2.51L	2.55A	2.69A	2.80A	2.95A	3.03A	3.25A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.155	0.144	0.129	1.096	0.040	0.988

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.80	2.79	0.24	-0.05	10.28	11.16

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.79	0.99	3	-0.45	1	8.92	6

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.50	1.60	-2.04	13.28

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 001 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-50.7N LONG 124-07.6W WATER DEPTH 9 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.960	0.88	0.88
1.50	0.060	0.06	0.94
1.75	0.200	0.18	1.12
2.00	0.300	0.28	1.40
2.25	0.910	0.84	2.24
2.50	5.200	4.79	7.03
2.75	43.140	39.73	46.76
3.00	39.950	36.79	83.55
3.25	14.010	12.90	96.45
3.50	2.750	2.53	98.98
3.75	0.660	0.61	99.59
4.00	0.080	0.07	99.66
5.00	0.185	0.17	99.83
6.00	0.085	0.08	99.91
7.00	0.035	0.03	99.94
8.00	0.060	0.06	100.00

POST ANALYTICAL WEIGHT 108.585

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.66	0.34	0.00	293.12	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.65A	2.48A	2.63A	2.68A	2.77A	2.92A	3.00A	3.19A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.156	0.147	0.132	1.088	0.037	0.977

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.77	2.81	0.19	0.26	0.35	0.89

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.80	0.20	1	0.22	4	1.20	4

CRUISE OC014 STATION 001 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.78	0.33	1.62	38.53

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 002 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 46-51.0N LONG 124-09.0W WATER DEPTH 15 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.200	0.17	0.17
0.00	0.020	0.02	0.19
0.25	0.010	0.01	0.20
0.50	0.010	0.01	0.21
0.75	0.050	0.04	0.25
1.00	0.100	0.09	0.34
1.25	0.070	0.06	0.40
1.50	0.110	0.09	0.49
1.75	0.190	0.16	0.66
2.00	0.340	0.29	0.95
2.25	1.190	1.03	1.97
2.50	8.250	7.12	9.09
2.75	101.280	87.35	96.44
3.00	0.800	0.69	97.13
3.25	0.550	0.47	97.60
3.50	0.120	0.10	97.71
3.75	0.030	0.03	97.73
4.00	0.010	0.01	97.74
5.00	0.110	0.09	97.84
6.00	0.065	0.06	97.89
7.00	2.445	2.11	100.00

POST ANALYTICAL WEIGHT 115.950

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.74	2.26	0.00	43.25	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.03A	2.45A	2.53L	2.55L	2.61L	2.66L	2.69L	2.74L

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.170	0.164	0.158	1.038	0.016	1.000	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.61	2.61	0.08	0.00	-0.16	0.81

CRUISE DC014 STATION 002 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.61	0.08	1	-0.04	3	1.10	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.68	0.60	5.20	36.64

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 002 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 46-51.0N LONG 124-09.0W WATER DEPTH 15 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.00	0.000	0.00	0.00
-0.75	0.090	0.11	0.11
-0.50	0.100	0.12	0.22
-0.25	0.000	0.00	0.22
0.00	0.010	0.01	0.24
0.25	0.010	0.01	0.25
0.50	0.010	0.01	0.26
0.75	0.010	0.01	0.27
1.00	0.040	0.05	0.32
1.35	0.030	0.04	0.35
1.50	0.100	0.12	0.47
1.75	0.150	0.18	0.65
2.00	0.230	0.27	0.92
2.25	0.640	0.76	1.68
2.50	2.530	2.99	4.66
2.75	32.400	38.23	42.90
3.00	29.580	34.91	77.80
3.25	12.700	14.99	92.79
3.50	3.790	4.47	97.26
3.75	1.340	1.58	98.84
4.00	0.220	0.26	99.10
5.00	0.385	0.45	99.56
6.00	0.035	0.04	99.60
7.00	0.015	0.02	99.62
8.00	0.020	0.02	99.64
9.00	0.050	0.06	99.70
10.00	0.255	0.30	100.00

POST ANALYTICAL WEIGHT 84.740

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.10	0.54	0.36	110.11	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.05A	2.51A	2.67A	2.71A	2.79A	2.97A	3.07A	3.34A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.153	0.145	0.127	1.096	0.040	0.967

CRUISE OC014 STATION 002 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.79	2.87	0.20	0.41	0.69	1.09

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.84	0.22	1	0.37	5	1.28	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.85	0.53	6.19	88.64

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 003 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 46-51.5N LONG 124-10.4W WATER DEPTH 19 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.290	0.24	0.24
1.50	0.120	0.10	0.33
1.75	0.190	0.15	0.49
2.00	0.320	0.26	0.75
2.25	1.120	0.91	1.66
2.50	8.350	6.79	8.45
2.75	41.470	33.73	42.18
3.00	45.950	37.37	79.55
3.25	17.160	13.96	93.51
3.50	4.820	3.92	97.43
3.75	1.900	1.55	98.98
4.00	0.350	0.28	99.26
5.00	0.530	0.43	99.69
6.00	0.070	0.06	99.75
7.00	0.015	0.01	99.76
8.00	0.015	0.01	99.77
9.00	0.280	0.23	100.00

POST ANALYTICAL WEIGHT 122.950

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT	CLAY		
0.00	99.26	0.51	0.23	134.14	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.12A	2.45A	2.59A	2.66A	2.79A	2.96A	3.05A	3.32A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.159	0.144	0.129	1.109	0.045	0.990

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.79	2.82	0.23	0.12	0.41	0.89

CRUISE DC014 STATION 003 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.81	0.25	1	0.17	4	1.19	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
2.83	0.42	6.06	80.91

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 003 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-51.5N LONG 124-10.4W WATER DEPTH 19 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.00	0.000	0.00	0.00
-0.75	0.010	0.01	0.01
-0.50	0.010	0.01	0.02
-0.25	0.020	0.02	0.05
0.00	0.010	0.01	0.06
0.25	0.000	0.00	0.06
0.50	0.010	0.01	0.07
0.75	0.000	0.00	0.07
1.00	0.030	0.04	0.11
1.25	0.010	0.01	0.12
1.50	0.040	0.05	0.17
1.75	0.110	0.13	0.30
2.00	0.230	0.27	0.57
2.25	0.640	0.76	1.32
2.50	2.890	3.42	4.74
2.75	31.530	37.29	42.03
3.00	28.360	33.54	75.57
3.25	12.120	14.33	89.90
3.50	3.900	4.61	94.51
3.75	1.470	1.74	96.25
4.00	0.250	0.30	96.55
5.00	1.900	2.25	98.79
6.00	0.950	1.12	99.92
7.00	0.050	0.06	99.98
8.00	0.000	0.00	99.98
9.00	0.000	0.00	99.98
10.00	0.020	0.02	100.00

POST ANALYTICAL WEIGHT 84.560

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.55	3.43	0.02	27.99	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
---	---	----	----	----	----	----	----

2.18A	2.51A	2.65A	2.69A	2.80A	2.99A	3.11A	3.56L
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TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.155	0.144	0.126	1.111	0.046	0.969

CRUISE DC014 STATION 003 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.80	2.88	0.23	0.36	1.05	1.31

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.85	0.27	1	0.41	5	1.42	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.90	0.49	3.02	23.37

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 004 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-52.2N LONG 124-13.0W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.140	0.11	0.11
1.50	0.070	0.06	0.17
1.75	0.120	0.09	0.26
2.00	0.200	0.16	0.42
2.25	0.620	0.49	0.91
2.50	4.420	3.49	4.40
2.75	41.220	32.53	36.93
3.00	51.250	40.45	77.37
3.25	17.880	14.11	91.48
3.50	5.680	4.48	95.96
3.75	2.490	1.97	97.93
4.00	0.540	0.43	98.35
5.00	0.770	0.61	98.96
6.00	0.030	0.02	98.99
7.00	0.045	0.04	99.02
8.00	0.015	0.01	99.03
9.00	0.090	0.07	99.10
10.00	1.135	0.90	100.00

POST ANALYTICAL WEIGHT 126.715

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.35	0.68	0.97	59.61	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.28A	2.52A	2.65A	2.70A	2.81A	2.98A	3.08A	3.42A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.154	0.143	0.127	1.100	0.042	0.981

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.81	2.87	0.22	0.26	0.75	1.12

CRUISE OC014 STATION 004 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.85	0.24	1	0.30	5	1.35	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.92	0.72	7.39	67.10

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 004 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-52.2N LONG 124-13.0W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.25	0.000	0.00	0.00
-1.00	0.010	0.01	0.01
-0.75	0.010	0.01	0.02
-0.50	0.010	0.01	0.03
-0.25	0.020	0.02	0.05
0.00	0.000	0.00	0.05
0.25	0.000	0.00	0.05
0.50	0.020	0.02	0.07
0.75	0.040	0.04	0.12
1.00	0.030	0.03	0.15
1.25	0.030	0.03	0.18
1.50	0.060	0.06	0.24
1.75	0.090	0.09	0.34
2.00	0.140	0.15	0.48
2.25	0.410	0.43	0.91
2.50	2.680	2.81	3.72
2.75	37.860	39.71	43.43
3.00	31.840	33.40	76.83
3.25	13.860	14.54	91.37
3.50	4.970	5.21	96.58
3.75	2.040	2.14	98.72
4.00	0.380	0.40	99.12
5.00	0.635	0.67	99.78
6.00	0.015	0.02	99.80
7.00	0.110	0.12	99.92
8.00	0.080	0.08	100.00

POST ANALYTICAL WEIGHT 95.340

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.01	99.11	0.88	0.00	112.64	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.28A	2.54A	2.65A	2.69A	2.79A	2.98A	3.09A	3.40A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.155	0.145	0.127	1.106	0.044	0.968

CRUISE 0C014 STATION 004 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.79	2.87	0.22	0.39	0.82	0.96

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.84	0.24	1	0.40	5	1.21	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.85	0.37	2.81	40.12

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 005 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-52.2N LONG 124-13.0W WATER DEPTH 22 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.160	0.14	0.14
1.50	0.110	0.10	0.24
1.75	0.170	0.15	0.39
2.00	0.190	0.17	0.56
2.25	0.550	0.49	1.04
2.50	2.810	2.49	3.53
2.75	33.770	29.88	33.41
3.00	45.370	40.15	73.56
3.25	17.790	15.74	89.30
3.50	5.410	4.79	94.08
3.75	2.860	2.53	96.62
4.00	0.930	0.82	97.44
5.00	2.395	2.12	99.56
6.00	0.140	0.12	99.68
7.00	0.095	0.08	99.77
8.00	0.000	0.00	99.77
9.00	0.000	0.00	99.77
10.00	0.265	0.23	100.00

POST ANALYTICAL WEIGHT 113.015

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.44	2.33	0.23	38.06	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.24A	2.55A	2.69A	2.72A	2.83A	3.01A	3.12A	3.55A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.151	0.140	0.124	1.105	0.043	0.976

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.83	2.91	0.22	0.32	1.02	1.30

CRUISE DC014 STATION 005 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.88	0.26	1	0.38	5	1.42	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.92	0.51	6.08	71.17

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 005 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-52.2N LONG 124-13.0W WATER DEPTH 22 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.010	0.01	0.03
0.25	0.000	0.00	0.03
0.50	0.000	0.00	0.03
0.75	0.010	0.01	0.04
1.00	0.010	0.01	0.05
1.25	0.020	0.03	0.08
1.50	0.070	0.09	0.16
1.75	0.110	0.14	0.30
2.00	0.130	0.16	0.46
2.25	0.260	0.33	0.79
2.50	1.180	1.48	2.26
2.75	22.420	28.05	30.31
3.00	31.590	39.52	69.84
3.25	13.850	17.33	87.16
3.50	4.840	6.06	93.22
3.75	2.280	2.85	96.07
4.00	0.650	0.81	96.88
5.00	1.755	2.20	99.08
6.00	0.175	0.22	99.30
7.00	0.035	0.04	99.34
8.00	0.045	0.06	99.40
9.00	0.070	0.09	99.49
10.00	0.410	0.51	100.00

POST ANALYTICAL WEIGHT 79.930

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.88	2.51	0.61	31.05	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.33A	2.63A	2.72A	2.74A	2.85A	3.05A	3.18A	3.59A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.150	0.138	0.121	1.113	0.046	0.973

CRUISE OC014 STATION 005 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.85	2.95	0.23	0.41	1.12	1.12

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.92	0.26	1	0.47	5	1.29	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.98	0.65	6.45	61.53

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 006 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-53.0N LONG 124-15.4W WATER DEPTH 44 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.300	0.41	0.41
1.50	0.220	0.30	0.70
1.75	0.460	0.62	1.32
2.00	0.580	0.78	2.11
2.25	0.820	1.11	3.22
2.50	1.410	1.91	5.12
2.75	3.010	4.07	9.19
3.00	6.700	9.05	18.24
3.25	12.420	16.78	35.02
3.50	12.160	16.43	51.46
3.75	14.120	19.08	70.54
4.00	5.580	7.54	78.08
5.00	10.905	14.74	92.81
6.00	1.585	2.14	94.95
7.00	1.150	1.55	96.51
8.00	0.560	0.76	97.26
9.00	0.435	0.59	97.85
10.00	0.340	0.46	98.31
11.00	1.250	1.69	100.00

POST ANALYTICAL WEIGHT 74.005

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	78.08	19.19	2.73	3.56	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.64A	2.49A	2.95A	3.11A	3.48A	3.88A	4.32L	6.02A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.116	0.090	0.068	1.308	0.116	0.987

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.48	3.63	0.69	0.23	1.14	1.59

CRUISE OC014 STATION 006 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.58	0.88	3	0.34	5	1.87	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.74	1.34	2.95	14.34

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 006 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-53.0N LONG 124-15.4W WATER DEPTH 44 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.000	0.00	0.01
0.25	0.010	0.01	0.02
0.50	0.030	0.03	0.06
0.75	0.150	0.17	0.22
1.00	0.250	0.28	0.50
1.25	0.880	0.99	1.49
1.50	1.170	1.31	2.80
1.75	1.850	2.07	4.87
2.00	1.710	1.92	6.79
2.25	1.140	1.28	8.06
2.50	0.960	1.08	9.14
2.75	2.770	3.10	12.24
3.00	5.300	5.94	18.18
3.25	9.430	10.56	28.74
3.50	10.520	11.78	40.52
3.75	13.030	14.59	55.12
4.00	5.570	6.24	61.36
5.00	13.795	15.45	76.81
6.00	2.710	3.04	79.84
7.00	2.980	3.34	83.18
8.00	12.750	14.28	97.46
9.00	0.960	1.08	98.54
10.00	0.675	0.76	99.29
11.00	0.630	0.71	100.00

POST ANALYTICAL WEIGHT 89.280

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	61.36	36.11	2.53	1.59	2

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.15A	1.76A	2.93A	3.17A	3.63A	4.87L	7.20A	7.86A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.111	0.081	0.034	1.800	0.255	0.763

CRUISE OC014 STATION 006 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.63	5.06	2.13	0.67	0.55	0.43

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
4.59	1.99	4	0.53	5	1.47	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
4.29	1.87	0.96	3.34

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 007 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-53.5N LONG 124-17.9W WATER DEPTH 46 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.00	0.000	0.00	0.00
0.25	0.030	0.03	0.03
0.50	0.130	0.11	0.14
0.75	0.670	0.59	0.73
1.00	1.390	1.23	1.96
1.25	6.100	5.40	7.36
1.50	9.460	8.37	15.73
1.75	21.780	19.27	34.99
2.00	25.360	22.43	57.43
2.25	17.430	15.42	72.84
2.50	11.600	10.26	83.10
2.75	5.770	5.10	88.21
3.00	1.940	1.72	89.92
3.25	1.570	1.39	91.31
3.50	1.770	1.57	92.88
3.75	2.560	2.26	95.14
4.00	1.090	0.96	96.11
5.00	3.070	2.72	98.82
6.00	0.245	0.22	99.04
7.00	0.415	0.37	99.41
8.00	0.130	0.11	99.52
9.00	0.100	0.09	99.61
10.00	0.440	0.39	100.00

POST ANALYTICAL WEIGHT 113.050

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.11	3.41	0.48	24.71	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.82A	1.17A	1.51A	1.64A	1.91A	2.29A	2.52A	3.73A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.321	0.266	0.205	1.253	0.098	0.963

CRUISE DC014 STATION 007 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.91	2.01	0.50	0.20	1.07	1.52

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.98	0.64	3	0.31	5	1.61	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.11	0.94	3.40	22.22

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 007 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-53.4N LONG 124-17.9W WATER DEPTH 46 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.25	0.000	0.00	0.00
0.50	0.010	0.01	0.01
1.00	0.030	0.02	0.03
2.00	0.120	0.08	0.11
4.00	0.730	0.51	0.62
8.00	1.550	1.08	1.70
16.00	7.620	5.31	7.01
32.00	14.550	10.14	17.16
64.00	36.000	25.10	42.25
128.00	36.200	25.24	67.49
256.00	22.920	15.98	83.47
512.00	12.030	8.39	91.85
1024.00	6.040	4.21	96.06
2048.00	1.100	0.77	96.83
4096.00	0.500	0.35	97.18
8192.00	0.600	0.42	97.60
16384.00	1.410	0.98	98.58
32768.00	0.700	0.49	99.07
65536.00	1.160	0.81	99.88
131072.00	0.040	0.03	99.91
262144.00	0.135	0.09	100.00

POST ANALYTICAL WEIGHT 143.445

GRAVEL	PERCENTAGES OF SAND	OF SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.07	0.93	0.00	106.53	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.86A	1.19A	1.48A	1.60A	1.82A	2.10A	2.26A	2.58A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.330	0.283	0.233	1.190	0.076	0.980

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.82	1.87	0.39	0.13	0.17	0.78

CRUISE OC014 STATION 007 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.85	0.41	2	0.11	4	1.14	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
1.89	0.55	2.01	12.64

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE 0C014 STATION 008 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-45.0N LONG 124-21.5W WATER DEPTH 55 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	20.050	14.98	14.98
-2.00	28.890	21.58	36.56
-1.75	7.920	5.92	42.48
-1.50	6.850	5.12	47.60
-1.25	7.940	5.93	53.53
-1.00	7.260	5.42	58.95
-0.75	8.650	6.46	65.42
-0.50	6.240	4.66	70.08
-0.25	5.350	4.00	74.08
0.00	4.360	3.26	77.33
0.25	4.530	3.38	80.72
0.50	3.630	2.71	83.43
0.75	4.950	3.70	87.13
1.00	3.260	2.44	89.56
1.25	3.620	2.70	92.27
1.50	2.110	1.58	93.84
1.75	1.890	1.41	95.26
2.00	1.230	0.92	96.17
2.25	0.970	0.72	96.90
2.50	0.930	0.69	97.59
2.75	0.380	0.28	97.88
3.00	0.140	0.10	97.98
3.25	0.130	0.10	98.08
3.50	0.280	0.21	98.29
3.75	0.570	0.43	98.71
4.00	0.290	0.22	98.93
5.00	1.050	0.78	99.72
6.00	0.195	0.15	99.86
7.00	0.185	0.14	100.00

POST ANALYTICAL WEIGHT 133.850

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD TETRAH.	
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
58.95	39.98	1.07	0.00	92.46	1	9
PHI SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-3.93A*	-3.64A*	-2.92A	-2.45A	-1.40A	-0.18A	0.54A 1.70A

CRUISE DC014 STATION 008 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
5.469	2.634	1.134	2.196	0.342	0.945

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.40	-1.19	1.73	0.12	0.25	0.54

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.26	1.67	4	0.14	4	0.96	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.23	1.71	0.83	3.91

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE 0014 STATION 008 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-45.0N LONG 124-21.5W WATER DEPTH 55 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
4.00	0.000	0.00	0.00
3.00	18.370	10.44	10.44
2.00	20.860	11.85	22.29
1.75	11.300	6.42	28.72
1.50	13.890	7.89	36.61
1.25	17.400	9.89	46.50
1.00	16.420	9.33	55.83
0.75	17.430	9.91	65.73
0.50	12.550	7.13	72.87
0.25	10.580	6.01	78.88
0.00	8.570	4.87	83.75
0.25	6.750	3.84	87.59
0.50	2.880	1.64	89.22
0.75	3.170	1.80	91.02
1.00	1.880	1.07	92.09
1.25	2.330	1.32	93.42
1.50	1.400	0.80	94.21
1.75	0.920	0.52	94.73
2.00	0.760	0.43	95.17
2.25	0.870	0.49	95.66
2.50	0.960	0.55	96.21
2.75	0.800	0.45	96.66
3.00	0.300	0.17	96.83
3.25	0.280	0.16	96.99
3.50	0.330	0.19	97.18
3.75	1.190	0.68	97.85
4.00	0.450	0.26	98.11
5.00	2.075	1.18	99.29
6.00	0.670	0.38	99.67
7.00	0.580	0.33	100.00

POST ANALYTICAL WEIGHT 175.965

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
	SAND	SILT	CLAY			
55.83	42.28	1.89	0.00	51.91	1	9
PHI SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-3.90A#	-3.51A#	-2.38A	-1.88A	-1.16A	-0.42A	0.01A 1.90A

CRUISE OC014 STATION 008 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
3.693	2.229	1.335	1.663	0.221	0.996

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.16	-1.18	1.20	-0.02	0.30	1.27

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.18	1.42	4	0.05	3	1.51	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.06	1.61	1.29	6.46

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 009 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-55.2N LONG 124-19.2W WATER DEPTH 44 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	5.500	4.37	4.37
-2.00	31.190	24.81	29.18
-1.75	11.010	8.76	37.94
-1.50	13.720	10.91	48.85
-1.25	11.530	9.17	58.02
-1.00	9.650	7.67	65.69
-0.75	7.950	6.32	72.02
-0.50	4.140	3.29	75.31
-0.25	2.890	2.30	77.61
0.00	1.890	1.50	79.11
0.25	2.370	1.88	81.00
0.50	1.850	1.47	82.47
0.75	2.500	1.99	84.46
1.00	1.680	1.34	85.79
1.25	2.510	2.00	87.79
1.50	1.830	1.46	89.24
1.75	2.120	1.69	90.93
2.00	1.590	1.26	92.19
2.25	1.030	0.82	93.01
2.50	0.740	0.59	93.60
2.75	0.570	0.45	94.05
3.00	0.340	0.27	94.33
3.25	0.440	0.35	94.68
3.50	0.550	0.44	95.11
3.75	1.280	1.02	96.13
4.00	0.810	0.64	96.77
5.00	2.925	2.33	99.10
6.00	0.770	0.61	99.71
7.00	0.360	0.29	100.00

POST ANALYTICAL WEIGHT 125.735

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
65.69	31.08	3.23	0.00	29.96	1	9

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.75A*	-2.98A	-2.48A	-2.14A	-1.47A	-0.53A	0.69A	3.44A

CRUISE OC014 STATION 009 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
4.397	2.772	1.442	1.746	0.242	0.908

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.47	-0.89	1.58	0.37	1.08	1.03

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.09	1.76	4	0.45	5	1.64	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-0.99	1.85	1.51	5.23

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 009 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-55.2N LONG 124-19.2W WATER DEPTH 44 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-5.00	0.000	0.00	0.00
-4.00	10.300	9.57	9.57
-3.00	13.020	12.10	21.68
-2.00	39.290	36.52	58.20
-1.75	6.800	6.32	64.52
-1.50	8.610	8.00	72.52
-1.25	6.200	5.76	78.28
-1.00	5.800	5.39	83.67
-0.75	4.360	4.05	87.73
-0.50	3.100	2.88	90.61
-0.25	1.800	1.67	92.28
0.00	1.280	1.19	93.47
0.25	1.090	1.01	94.48
0.50	0.680	0.63	95.12
0.75	0.830	0.77	95.89
1.00	0.540	0.50	96.39
1.25	0.740	0.69	97.08
1.50	0.610	0.57	97.64
1.75	0.680	0.63	98.28
2.00	0.520	0.48	98.76
2.25	0.300	0.28	99.04
2.50	0.230	0.21	99.25
2.75	0.140	0.13	99.38
3.00	0.080	0.07	99.46
3.25	0.070	0.07	99.52
3.50	0.050	0.05	99.57
3.75	0.080	0.07	99.64
4.00	0.040	0.04	99.68
5.00	0.220	0.20	99.88
6.00	0.125	0.12	100.00

POST ANALYTICAL WEIGHT 107.585

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
83.67	16.01	0.32	0.00	311.50	1	6

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
---	---	----	----	----	----	----	----

-4.89A*	-4.45A*	-3.32A	-2.87A	-2.24A	-1.40A	-0.98A	0.45A
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CRUISE OC014 STATION 009 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
7.312	4.731	2.635	1.666	0.222	0.928

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-2.24	-2.15	1.17	0.08	0.21	1.10

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-2.18	1.33	4	0.09	3	1.37	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
-2.13	1.42	0.91	5.50

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 010 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-56.7N LONG 124-17.4W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.040	0.03	0.03
0.00	0.090	0.06	0.09
0.25	0.120	0.08	0.17
0.50	0.260	0.17	0.34
0.75	1.150	0.77	1.11
1.00	2.530	1.70	2.81
1.25	9.910	6.64	9.45
1.50	19.250	12.90	22.34
1.75	40.600	27.20	49.55
2.00	34.350	23.01	72.56
2.25	16.900	11.32	83.88
2.50	9.350	6.26	90.15
2.75	4.690	3.14	93.29
3.00	2.960	1.98	95.27
3.25	1.520	1.02	96.29
3.50	0.660	0.44	96.73
3.75	0.930	0.62	97.36
4.00	0.590	0.40	97.75
5.00	2.690	1.80	99.55
6.00	0.275	0.18	99.74
7.00	0.090	0.06	99.80
8.00	0.040	0.03	99.83
9.00	0.025	0.02	99.84
10.00	0.235	0.16	100.00

POST ANALYTICAL WEIGHT 149.255

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.75	2.07	0.18	43.44	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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0.73A	1.12A	1.40A	1.53A	1.75A	2.04A	2.25A	2.95A
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TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.346	0.297	0.243	1.194	0.077	0.978

CRUISE DC014 STATION 010 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.75	1.83	0.42	0.17	0.66	1.14

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.80	0.49	2	0.24	4	1.47	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
1.87	0.72	3.55	28.90

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 010 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-56.7N LONG 124-17.4W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
=5.00	0.000	0.00	0.00
=4.00	13.130	8.66	8.66
=3.00	35.540	23.44	32.10
=2.00	42.010	27.71	59.81
=1.75	6.780	4.47	64.29
=1.50	6.750	4.45	68.74
=1.25	5.630	3.71	72.45
=1.00	5.640	3.72	76.17
=0.75	4.570	3.01	79.19
=0.50	3.120	2.06	81.24
=0.25	2.710	1.79	83.03
0.00	2.400	1.58	84.61
0.25	3.020	1.99	86.61
0.50	2.510	1.66	88.26
0.75	3.610	2.38	90.64
1.00	2.400	1.58	92.23
1.25	3.800	2.51	94.73
1.50	2.340	1.54	96.28
1.75	2.210	1.46	97.73
2.00	1.040	0.69	98.42
2.25	0.420	0.28	98.70
2.50	0.180	0.12	98.82
2.75	0.160	0.11	98.92
3.00	0.200	0.13	99.05
3.25	0.160	0.11	99.16
3.50	0.090	0.06	99.22
3.75	0.100	0.07	99.28
4.00	0.060	0.04	99.32
5.00	0.740	0.49	99.81
6.00	0.285	0.19	100.00

POST ANALYTICAL WEIGHT 151.605

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD	TETRAH.
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
76.17	23.15	0.68	0.00	146.06	1	6

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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=4.87A*	=4.38A*	=3.53A	=3.21A	=2.43A	=1.08A	=0.10A	1.29A
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CRUISE OC014 STATION 010 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
9.230	5.396	2.117	2.088	0.320	0.819

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-2.43	-1.81	1.72	0.36	0.52	0.65

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-2.02	1.72	4	0.34	5	1.09	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-2.02	1.75	0.95	3.86

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 011 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-57.9N LONG 124-15.3W WATER DEPTH 27 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	0.990	0.64	0.64
-1.75	0.460	0.30	0.94
-1.50	0.580	0.38	1.32
-1.25	0.780	0.51	1.83
-1.00	1.370	0.89	2.72
-0.75	3.730	2.43	5.15
-0.50	5.100	3.32	8.46
-0.25	9.200	5.98	14.45
0.00	12.720	8.27	22.72
0.25	20.090	13.07	35.79
0.50	18.900	12.29	48.08
0.75	27.110	17.63	65.71
1.00	15.680	10.20	75.91
1.25	15.210	9.89	85.81
1.50	7.760	5.05	90.85
1.75	5.690	3.70	94.56
2.00	2.680	1.74	96.30
2.25	1.030	0.67	96.97
2.50	0.470	0.31	97.27
2.75	0.390	0.25	97.53
3.00	0.680	0.44	97.97
3.25	0.490	0.32	98.29
3.50	0.190	0.12	98.41
3.75	0.180	0.12	98.53
4.00	0.080	0.05	98.58
5.00	1.050	0.68	99.26
6.00	0.330	0.21	99.48
7.00	0.280	0.18	99.66
8.00	0.520	0.34	100.00

POST ANALYTICAL WEIGHT 153.740

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD TETRAH.	
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
2.72	95.86	1.42	0.00	69.42	1	13
PHI SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-1.71A	-0.76A	-0.20A	0.05A	0.53A	0.98A	1.19A 1.79A

CRUISE DC014 STATION 011 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.966	0.694	0.508	1.379	0.139	1.011

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
0.53	0.49	0.69	-0.04	-0.02	0.83

FDLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
0.51	0.73	3	-0.03	3	1.13	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
0.56	1.00	2.03	14.99

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 011 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-57.9N LONG 124-15.3W WATER DEPTH 27 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	7.240	4.72	4.72
-1.75	4.770	3.11	7.83
-1.50	6.420	4.19	12.02
-1.25	6.230	4.06	16.08
-1.00	7.740	5.05	21.13
-0.75	9.210	6.01	27.13
-0.50	8.280	5.40	32.53
-0.25	8.490	5.54	38.06
0.00	9.730	6.34	44.41
0.25	14.800	9.65	54.06
0.50	13.620	8.88	62.94
0.75	18.120	11.81	74.75
1.00	9.340	6.09	80.84
1.25	8.840	5.76	86.61
1.50	4.330	2.82	89.43
1.75	3.830	2.50	91.93
2.00	2.420	1.58	93.51
2.25	1.190	0.78	94.28
2.50	0.600	0.39	94.67
2.75	0.800	0.52	95.19
3.00	1.490	0.97	96.17
3.25	1.180	0.77	96.94
3.50	0.480	0.31	97.25
3.75	0.470	0.31	97.55
4.00	0.230	0.15	97.70
5.00	2.085	1.36	99.06
6.00	0.565	0.37	99.43
7.00	0.350	0.23	99.66
8.00	0.520	0.34	100.00

POST ANALYTICAL WEIGHT 153.370

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
21.13	76.58	2.30	-0.01	42.67	1	13

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-2.73A*	-1.97A	-1.25A	-0.84A	0.15A	0.76A	1.12A	2.67A

CRUISE DC014 STATION 011 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
1.789	0.899	0.591	1.740	0.241	1.143

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
0.15	-0.06	1.19	-0.19	0.16	0.96

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
0.01	1.30	4	-0.05	3	1.19	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
0.11	1.45	1.09	6.54

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 012 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-58.4N LONG 124-14.0W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.030	0.03	0.03
0.00	0.060	0.06	0.09
0.25	0.080	0.08	0.17
0.50	0.110	0.11	0.27
0.75	0.260	0.25	0.52
1.00	0.360	0.35	0.87
1.25	1.050	1.02	1.90
1.50	1.860	1.81	3.70
1.75	4.250	4.13	7.84
2.00	5.560	5.41	13.24
2.25	5.120	4.98	18.22
2.50	4.970	4.83	23.05
2.75	17.770	17.28	40.33
3.00	33.900	32.96	73.28
3.25	16.220	15.77	89.05
3.50	5.750	5.59	94.64
3.75	3.490	3.39	98.04
4.00	0.720	0.70	98.74
5.00	0.915	0.89	99.63
6.00	0.075	0.07	99.70
7.00	0.000	0.00	99.70
8.00	0.020	0.02	99.72
9.00	0.290	0.28	100.00

POST ANALYTICAL WEIGHT 102.860

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.74	0.98	0.28	78.37	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.05A	1.60A	2.14A	2.57A	2.83A	3.02A	3.14A	3.51A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.169	0.141	0.124	1.169	0.068	1.028

CRUISE DC014 STATION 012 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.83	2.64	0.50	-0.39	-0.55	0.92

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.70	0.54	3	-0.34	1	1.74	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.73	0.66	1.36	19.84

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 012 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-58.4N LONG 124-14.0W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.00	0.000	0.00	0.00
0.25	0.030	0.02	0.02
0.50	0.100	0.08	0.10
0.75	0.310	0.24	0.34
1.00	0.460	0.36	0.70
1.25	1.250	0.97	1.67
1.50	1.910	1.48	3.15
1.75	4.290	3.33	6.49
2.00	5.820	4.52	11.01
2.25	4.630	3.60	14.60
2.50	4.460	3.46	18.07
2.75	26.020	20.21	38.28
3.00	40.400	31.38	69.66
3.25	20.600	16.00	85.66
3.50	9.400	7.30	92.97
3.75	5.730	4.45	97.42
4.00	1.220	0.95	98.36
5.00	1.735	1.35	99.71
6.00	0.115	0.09	99.80
7.00	0.130	0.10	99.90
8.00	0.035	0.03	99.93
9.00	0.030	0.02	99.95
10.00	0.030	0.02	99.98
11.00	0.030	0.02	100.00

POST ANALYTICAL WEIGHT 128.735

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.36	1.57	0.07	59.98	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.10A	1.66A	2.35A	2.72A	2.84A	3.06A	3.21A	3.56A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.152	0.140	0.120	1.126	0.052	0.964

CRUISE DC014 STATION 012 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.84	2.78	0.43	-0.13	-0.54	1.21

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.80	0.50	3	-0.19	2	2.28	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.79	0.62	0.80	16.71

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 013 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-59.1N LONG 124-13.1W WATER DEPTH 16 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.080	0.06	0.06
0.00	0.090	0.07	0.13
0.25	0.200	0.15	0.29
0.50	0.180	0.14	0.43
0.75	0.420	0.33	0.75
1.00	0.410	0.32	1.07
1.25	1.000	0.77	1.84
1.50	1.080	0.84	2.68
1.75	2.340	1.81	4.49
2.00	3.910	3.03	7.52
2.25	4.670	3.62	11.14
2.50	6.560	5.08	16.23
2.75	23.730	18.39	34.61
3.00	46.720	36.20	70.82
3.25	21.930	16.99	87.81
3.50	8.630	6.69	94.50
3.75	5.300	4.11	98.61
4.00	0.830	0.64	99.25
5.00	0.625	0.48	99.73
6.00	0.080	0.06	99.79
7.00	0.005	0.00	99.80
8.00	0.005	0.00	99.80
9.00	0.065	0.05	99.85
10.00	0.190	0.15	100.00

POST ANALYTICAL WEIGHT 129.050

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.25	0.55	0.20	132.33	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.95A	1.80A	2.49A	2.68A	2.86A	3.04A	3.17A	3.51A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.156	0.138	0.121	1.134	0.054	0.997

CRUISE DC014 STATION 013 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.86	2.83	0.34	-0.08	-0.59	1.53

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.84	0.43	2	-0.16	2	1.94	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.81	0.60	1.61	32.07

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 013 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-59.2N LONG 124-13.1W WATER DEPTH 16 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.060	0.04	0.04
0.00	0.130	0.09	0.14
0.25	0.300	0.21	0.35
0.50	0.410	0.29	0.64
0.75	0.840	0.60	1.24
1.00	0.890	0.64	1.88
1.25	1.540	1.10	2.98
1.50	1.750	1.25	4.23
1.75	3.290	2.35	6.59
2.00	4.870	3.48	10.07
2.25	5.000	3.58	13.65
2.50	6.320	4.52	18.17
2.75	23.700	16.95	35.12
3.00	48.640	34.80	69.92
3.25	23.710	16.96	86.88
3.50	9.920	7.10	93.98
3.75	6.490	4.64	98.62
4.00	1.000	0.72	99.33
5.00	0.660	0.47	99.81
6.00	0.005	0.00	99.81
7.00	0.000	0.00	99.81
8.00	0.040	0.03	99.84
9.00	0.225	0.16	100.00

POST ANALYTICAL WEIGHT 139.790

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.33	0.50	0.17	148.25	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.66A	1.60A	2.39A	2.67A	2.86A	3.05A	3.19A	3.53A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.157	0.138	0.120	1.141	0.057	0.998

CRUISE OC014 STATION 013 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.86	2.79	0.40	-0.18	-0.75	1.42

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.81	0.49	2	-0.25	2	2.08	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.78	0.63	0.16	16.76

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 014 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 46-59.8N LONG 124-11.9W WATER DEPTH 12 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.340	0.31	0.31
1.50	0.420	0.38	0.70
1.75	0.660	0.60	1.30
2.00	1.090	1.00	2.30
2.25	1.720	1.58	3.88
2.50	3.920	3.59	7.47
2.75	22.620	20.73	28.20
3.00	47.300	43.35	71.55
3.25	20.850	19.11	90.65
3.50	6.570	6.02	96.67
3.75	2.910	2.67	99.34
4.00	0.370	0.34	99.68
5.00	0.180	0.16	99.84
6.00	0.090	0.08	99.93
7.00	0.035	0.03	99.96
8.00	0.045	0.04	100.00

POST ANALYTICAL WEIGHT 109.120

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	99.68	0.32	0.00	311.50	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.64A	2.36A	2.68A	2.74A	2.87A	3.03A	3.13A	3.41A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.150	0.137	0.123	1.106	0.044	0.991

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.87	2.91	0.22	0.15	0.05	1.36

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.89	0.27	1	0.09	3	1.49	4

CRUISE OC014 STATION 014 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.87	0.37	0.75	20.96

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 014 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 46-59.8N LONG 124-11.9W WATER DEPTH 12 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.450	0.32	0.32
1.50	0.430	0.31	0.63
1.75	0.920	0.66	1.30
2.00	1.500	1.08	2.38
2.25	1.990	1.43	3.81
2.50	4.420	3.18	6.99
2.75	31.370	22.59	29.58
3.00	55.680	40.10	69.68
3.25	23.670	17.05	86.73
3.50	8.170	5.88	92.61
3.75	3.900	2.81	95.42
4.00	0.450	0.32	95.75
5.00	5.740	4.13	99.88
6.00	0.055	0.04	99.92
7.00	0.010	0.01	99.93
8.00	0.000	0.00	99.93
9.00	0.085	0.06	99.99
10.00	0.015	0.01	100.00

POST ANALYTICAL WEIGHT 138.855

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	95.75	4.18	0.07	22.53	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.66A	2.37A	2.70A	2.74A	2.86A	3.05A	3.18A	3.54A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.150	0.138	0.121	1.112	0.046	0.978

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.86	2.94	0.24	0.32	0.39	1.40

CRUISE OC014 STATION 014 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.91	0.30	1	0.24	4	1.56	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.93	0.50	2.02	19.39

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 015 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 47-00.5N LONG 124-11.0W WATER DEPTH 7 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.050	0.04	0.04
0.00	0.030	0.03	0.07
0.25	0.080	0.07	0.13
0.50	0.050	0.04	0.18
0.75	0.110	0.09	0.27
1.00	0.110	0.09	0.36
1.25	0.210	0.18	0.54
1.50	0.250	0.21	0.74
1.75	0.450	0.38	1.12
2.00	0.670	0.56	1.68
2.25	1.010	0.84	2.52
2.50	2.360	1.97	4.50
2.75	26.300	21.99	26.48
3.00	61.000	50.99	77.48
3.25	19.920	16.65	94.13
3.50	4.410	3.69	97.81
3.75	1.250	1.04	98.86
4.00	0.170	0.14	99.00
5.00	0.155	0.13	99.13
6.00	0.040	0.03	99.16
7.00	0.010	0.01	99.17
8.00	0.000	0.00	99.17
9.00	0.090	0.08	99.25
10.00	0.900	0.75	100.00

POST ANALYTICAL WEIGHT 119.625

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.00	0.17	0.83	99.00	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.68A	2.54A	2.66L	2.74L	2.85A	2.98A	3.05A	3.28A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.150	0.138	0.127	1.088	0.036	0.996

CRUISE OC014 STATION 015 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.85	2.85	0.19	0.03	0.28	0.91

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.85	0.21	1	0.09	3	1.26	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.91	0.67	7.22	73.73

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 015 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-00.5N LONG 124-11.0W WATER DEPTH 7 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.020	0.02	0.02
0.00	0.020	0.02	0.04
0.25	0.040	0.04	0.09
0.50	0.030	0.03	0.12
0.75	0.120	0.13	0.26
1.00	0.180	0.20	0.46
1.25	0.230	0.26	0.72
1.50	0.360	0.40	1.12
1.75	0.470	0.53	1.65
2.00	0.680	0.76	2.42
2.25	1.180	1.33	3.74
2.50	1.250	1.41	5.15
2.75	13.980	15.71	20.86
3.00	41.440	46.58	67.44
3.25	23.890	26.85	94.30
3.50	3.850	4.33	98.62
3.75	0.700	0.79	99.41
4.00	0.100	0.11	99.52
5.00	0.250	0.28	99.80
6.00	0.000	0.00	99.80
7.00	0.015	0.02	99.82
8.00	0.160	0.18	100.00

POST ANALYTICAL WEIGHT 88.965

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD			
	SAND	SILT	CLAY	RATIO	CLASS			
0.00	99.52	0.48	0.00	207.33	1			
PHI SIZES AT PERCENT LEVELS OF								
	1	5	16	25	50	75	84	95
	1.43A	2.48A	2.69L	2.78A	2.92A	3.04A	3.10A	3.27A
TRASK VALUES								
	Q1	Q2	Q3	S0	LOG S0	SKG		
	0.145	0.132	0.122	1.093	0.039	1.005		

CRUISE DC014 STATION 015 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.92	2.89	0.20	-0.10	-0.23	0.95

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.90	0.22	1	-0.11	2	1.26	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.89	0.40	1.39	42.95

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 016 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 47-00.8N LONG 124-12.5W WATER DEPTH 14 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.850	0.64	0.64
0.00	0.260	0.20	0.83
0.25	0.580	0.44	1.27
0.50	0.470	0.35	1.62
0.75	0.780	0.59	2.21
1.00	0.580	0.44	2.65
1.25	0.900	0.68	3.32
1.50	1.230	0.92	4.25
1.75	2.510	1.89	6.13
2.00	3.800	2.86	8.99
2.25	4.770	3.58	12.57
2.50	5.700	4.28	16.86
2.75	25.920	19.48	36.34
3.00	51.680	38.84	75.17
3.25	21.500	16.16	91.33
3.50	6.160	4.63	95.96
3.75	3.300	2.48	98.44
4.00	0.500	0.38	98.82
5.00	0.605	0.45	99.27
6.00	0.030	0.02	99.29
7.00	0.000	0.00	99.29
8.00	0.000	0.00	99.29
9.00	0.065	0.05	99.34
10.00	0.875	0.66	100.00

POST ANALYTICAL WEIGHT 133.065

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	98.82	0.48	0.70	83.75	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.11A	1.62A	2.46A	2.70A	2.84A	3.00A	3.09A	3.43A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.154	0.139	0.125	1.109	0.045	0.995

CRUISE DC014 STATION 016 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.84	2.78	0.31	-0.21	-0.98	1.84

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.80	0.43	2	-0.28	2	2.48	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.77	0.82	2.85	33.93

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 016 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-00.8N LONG 124-12.5W WATER DEPTH 14 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.080	0.07	0.07
0.00	0.080	0.07	0.15
0.25	0.190	0.18	0.32
0.50	0.220	0.20	0.53
0.75	0.360	0.33	0.86
1.00	0.330	0.30	1.16
1.25	0.600	0.55	1.72
1.50	0.740	0.68	2.40
1.75	1.440	1.33	3.73
2.00	2.000	1.85	5.58
2.25	2.530	2.34	7.91
2.50	4.140	3.82	11.73
2.75	18.600	17.17	28.90
3.00	45.840	42.31	71.21
3.25	20.380	18.81	90.03
3.50	5.920	5.46	95.49
3.75	2.730	2.52	98.01
4.00	0.470	0.43	98.44
5.00	0.675	0.62	99.07
6.00	0.070	0.06	99.13
7.00	0.000	0.00	99.13
8.00	0.020	0.02	99.15
9.00	0.110	0.10	99.25
10.00	0.810	0.75	100.00

POST ANALYTICAL WEIGHT 108.335

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	98.44	0.71	0.85	63.10	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.87A	1.93A	2.64A	2.74A	2.88A	3.03A	3.13A	3.47A
TRASK VALUES							
Q1	Q2	Q3	S0	LOG S0	SKG		
0.150	0.136	0.123	1.106	0.044	0.998		

CRUISE OC014 STATION 016 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.88	2.88	0.25	0.00	-0.74	2.13

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.88	0.36	2	-0.12	2	2.17	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.88	0.78	4.57	44.41

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 017 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-01.1N LONG 124-14.0W WATER DEPTH 22 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.75	0.000	0.00	0.00
-1.50	0.120	0.10	0.10
-1.25	0.090	0.07	0.17
-1.00	0.160	0.13	0.30
-0.75	0.130	0.10	0.40
-0.50	0.120	0.10	0.50
-0.25	0.080	0.06	0.56
0.00	0.100	0.08	0.64
0.25	0.210	0.17	0.81
0.50	0.780	0.63	1.44
0.75	4.060	3.26	4.69
1.00	9.020	7.24	11.93
1.25	21.140	16.96	28.89
1.50	24.900	19.98	48.87
1.75	27.480	22.05	70.92
2.00	15.970	12.81	83.73
2.25	7.820	6.27	90.01
2.50	4.030	3.23	93.24
2.75	1.990	1.60	94.84
3.00	2.510	2.01	96.85
3.25	1.610	1.29	98.14
3.50	0.550	0.44	98.58
3.75	0.400	0.32	98.90
4.00	0.090	0.07	98.98
5.00	0.335	0.27	99.25
6.00	0.085	0.07	99.31
7.00	0.040	0.03	99.35
8.00	0.010	0.01	99.35
9.00	0.065	0.05	99.41
10.00	0.740	0.59	100.00

POST ANALYTICAL WEIGHT 124.635

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.30	98.68	0.38	0.64	97.04	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.39A	0.77A	1.08A	1.20A	1.51A	1.81A	2.01A	2.77A

CRUISE OC014 STATION 017 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.435	0.351	0.285	1.235	0.092	1.003

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.51	1.54	0.46	0.06	0.55	1.15

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.53	0.54	3	0.16	4	1.35	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
1.60	0.88	4.80	43.32

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 017 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-01.1N LONG 124-14.0W WATER DEPTH 22 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.75	0.000	0.00	0.00
-1.50	0.130	0.10	0.10
-1.25	0.090	0.07	0.17
-1.00	0.150	0.11	0.28
-0.75	0.130	0.10	0.38
-0.50	0.140	0.11	0.48
-0.25	0.120	0.09	0.57
0.00	0.200	0.15	0.72
0.25	0.750	0.56	1.29
0.50	1.840	1.38	2.67
0.75	6.520	4.91	7.58
1.00	8.880	6.68	14.26
1.25	16.230	12.21	26.47
1.50	16.360	12.31	38.79
1.75	18.350	13.81	52.59
2.00	12.870	9.69	62.28
2.25	8.860	6.67	68.95
2.50	6.520	4.91	73.85
2.75	6.350	4.78	78.63
3.00	12.600	9.48	88.11
3.25	7.760	5.84	93.95
3.50	3.020	2.27	96.23
3.75	1.960	1.47	97.70
4.00	0.470	0.35	98.05
5.00	1.150	0.87	98.92
6.00	0.220	0.17	99.09
7.00	0.180	0.14	99.22
8.00	0.075	0.06	99.28
9.00	0.145	0.11	99.39
10.00	0.815	0.61	100.00

POST ANALYTICAL WEIGHT 132.885

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.28	97.78	1.22	0.72	50.55	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.19A	0.65A	1.04A	1.22A	1.70A	2.56A	2.92A	3.35A

CRUISE DC014 STATION 017 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.429	0.308	0.169	1.590	0.201	0.874

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.70	1.98	0.94	0.30	0.32	0.44

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.89	0.88	3	0.26	4	0.83	2

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
1.91	1.11	2.45	17.05

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 018 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-01.3N LONG 124-15.5W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.400	0.28	0.28
0.00	0.330	0.23	0.50
0.25	0.620	0.43	0.93
0.50	1.600	1.10	2.04
0.75	6.250	4.31	6.35
1.00	10.290	7.10	13.45
1.25	21.600	14.91	28.36
1.50	22.520	15.55	43.91
1.75	27.640	19.08	62.99
2.00	20.490	14.14	77.13
2.25	13.990	9.66	86.79
2.50	9.510	6.56	93.36
2.75	5.400	3.73	97.08
3.00	1.890	1.30	98.39
3.25	0.870	0.60	98.99
3.50	0.230	0.16	99.15
3.75	0.150	0.10	99.25
4.00	0.040	0.03	99.28
5.00	0.150	0.10	99.38
6.00	0.050	0.03	99.42
7.00	0.010	0.01	99.42
8.00	0.015	0.01	99.43
9.00	0.040	0.03	99.46
10.00	0.780	0.54	100.00

POST ANALYTICAL WEIGHT 144.865

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	99.28	0.16	0.56	137.89	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.28A	0.70A	1.05A	1.20A	1.58A	1.96A	2.17A	2.58A
TRASK VALUES							
Q1	Q2	Q3	S0	LOG S0	SKG		
0.435	0.335	0.258	1.299	0.114	1.001		

CRUISE OC014 STATION 018 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.58	1.61	0.56	0.06	0.11	0.69

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.60	0.56	3	0.06	3	1.02	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
1.64	0.83	4.78	45.63

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE 0C014 STATION 018 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-01.3N LONG 124-15.5W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.00	0.000	0.00	0.00
-0.75	0.190	0.15	0.15
-0.50	0.100	0.08	0.23
-0.25	0.010	0.01	0.24
0.00	0.010	0.01	0.25
0.25	0.060	0.05	0.30
0.50	0.210	0.17	0.47
0.75	1.200	0.96	1.43
1.00	2.330	1.87	3.30
1.25	8.130	6.52	9.82
1.50	12.480	10.02	19.84
1.75	24.810	19.91	39.75
2.00	25.210	20.23	59.98
2.25	20.560	16.50	76.48
2.50	12.380	9.94	86.42
2.75	7.970	6.40	92.81
3.00	3.780	3.03	95.85
3.25	2.360	1.89	97.74
3.50	0.900	0.72	98.46
3.75	0.600	0.48	98.95
4.00	0.180	0.14	99.09
5.00	0.775	0.62	99.71
6.00	0.105	0.08	99.80
7.00	0.075	0.06	99.86
8.00	0.090	0.07	99.93
9.00	0.088	0.07	100.00

POST ANALYTICAL WEIGHT 124.603

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.09	0.84	0.07	108.89	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
0.70A	1.10A	1.42A	1.58A	1.87A	2.22A	2.43A	2.92A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.335	0.273	0.214	1.250	0.097	0.982

CRUISE OC014 STATION 018 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.87	1.92	0.50	0.10	0.26	0.80

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.91	0.53	3	0.12	4	1.16	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
1.93	0.64	1.91	17.87

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 019 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-02.0N LONG 124-17.3W WATER DEPTH 35 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-2.00	0.000	0.00	0.00
-1.75	0.120	0.10	0.10
-1.50	0.090	0.07	0.17
-1.25	0.090	0.07	0.25
-1.00	0.100	0.08	0.33
-0.75	0.190	0.16	0.48
-0.50	0.330	0.27	0.75
-0.25	0.130	0.11	0.86
0.00	0.290	0.24	1.10
0.25	0.780	0.64	1.74
0.50	1.800	1.48	3.21
0.75	7.570	6.20	9.42
1.00	10.430	8.55	17.96
1.25	20.000	16.39	34.36
1.50	19.000	15.57	49.93
1.75	23.290	19.09	69.01
2.00	17.580	14.41	83.42
2.25	10.200	8.36	91.78
2.50	6.130	5.02	96.80
2.75	2.410	1.98	98.78
3.00	0.510	0.42	99.20
3.25	0.180	0.15	99.34
3.50	0.070	0.06	99.40
3.75	0.090	0.07	99.48
4.00	0.040	0.03	99.51
5.00	0.205	0.17	99.68
6.00	0.065	0.05	99.73
7.00	0.035	0.03	99.76
8.00	0.020	0.02	99.77
9.00	0.275	0.23	100.00

POST ANALYTICAL WEIGHT 122.020

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.33	99.18	0.27	0.22	203.08	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
-0.07A	0.62A	0.95A	1.12A	1.50A	1.84A	2.01A	2.39A

CRUISE OC014 STATION 019 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.461	0.353	0.279	1.285	0.109	1.015

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.50	1.48	0.53	-0.03	0.00	0.67

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.49	0.53	3	-0.02	3	1.00	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
1.49	0.70	2.35	28.84

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 019 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-02.0N LONG 124-17.3W WATER DEPTH 35 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	8.100	7.21	7.21
-1.75	4.800	4.27	11.49
-1.50	6.500	5.79	17.27
-1.25	7.020	6.25	23.52
-1.00	8.530	7.59	31.12
-0.75	9.830	8.75	39.87
-0.50	8.160	7.27	47.14
-0.25	8.410	7.49	54.62
0.00	7.270	6.47	61.10
0.25	8.170	7.27	68.37
0.50	6.630	5.90	74.27
0.75	9.130	8.13	82.40
1.00	5.100	4.54	86.94
1.25	5.270	4.69	91.64
1.50	2.880	2.56	94.20
1.75	2.630	2.34	96.54
2.00	1.620	1.44	97.98
2.25	0.760	0.68	98.66
2.50	0.470	0.42	99.08
2.75	0.220	0.20	99.27
3.00	0.100	0.09	99.36
3.25	0.030	0.03	99.39
3.50	0.020	0.02	99.41
3.75	0.020	0.02	99.43
4.00	0.010	0.01	99.43
5.00	0.175	0.16	99.59
6.00	0.135	0.12	99.71
7.00	0.055	0.05	99.76
8.00	0.270	0.24	100.00

POST ANALYTICAL WEIGHT 112.315

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD TETRAH.	
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
31.12	68.32	0.57	-0.01	177.57	1	14
PHI SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-2.82A*	-2.23A*	-1.55A	-1.20A	-0.41A	0.52A	0.83A 1.58A

CRUISE OC014 STATION 019 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
2.294	1.325	0.696	1.816	0.259	0.953

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-0.41	-0.36	1.19	0.04	0.07	0.60

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-0.38	1.17	4	0.04	3	0.91	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-0.34	1.25	0.87	6.82

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 020 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-02.5N LONG 124-20.1W WATER DEPTH 40 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.100	0.11	0.11
0.00	0.030	0.03	0.14
0.25	0.100	0.11	0.24
0.50	0.150	0.16	0.40
0.75	0.390	0.41	0.81
1.00	0.300	0.32	1.13
1.25	0.510	0.54	1.66
1.50	0.760	0.80	2.46
1.75	1.880	1.98	4.45
2.00	4.410	4.65	9.09
2.25	12.720	13.40	22.49
2.50	26.840	28.27	50.76
2.75	27.030	28.47	79.24
3.00	11.460	12.07	91.31
3.25	4.020	4.23	95.54
3.50	1.100	1.16	96.70
3.75	0.980	1.03	97.74
4.00	0.410	0.43	98.17
5.00	0.875	0.92	99.09
6.00	0.040	0.04	99.13
7.00	0.035	0.04	99.17
8.00	0.000	0.00	99.17
9.00	0.790	0.83	100.00

POST ANALYTICAL WEIGHT 94.930

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	98.17	1.00	0.83	53.64	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.91A	1.80A	2.16A	2.28A	2.49A	2.70A	2.82A	3.18A
TRASK VALUES							
Q1	Q2	Q3	SO	LOG SO	SKG		
0.206	0.177	0.154	1.157	0.063	1.003		

CRUISE OC014 STATION 020 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.49	2.49	0.33	-0.01	-0.02	1.11

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.49	0.37	2	-0.01	3	1.35	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.54	0.73	4.43	38.68

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 020 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-02.5N LONG 124-20.1W WATER DEPTH 40 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.00	0.000	0.00	0.00
0.25	0.010	0.01	0.01
0.50	0.040	0.04	0.05
0.75	0.110	0.10	0.15
1.00	0.190	0.18	0.32
1.25	0.430	0.40	0.72
1.50	0.710	0.66	1.38
1.75	1.690	1.56	2.93
2.00	3.420	3.16	6.09
2.25	8.270	7.63	13.72
2.50	16.350	15.09	28.81
2.75	51.420	47.45	76.26
3.00	12.570	11.60	87.86
3.25	4.580	4.23	92.09
3.50	1.700	1.57	93.66
3.75	2.100	1.94	95.60
4.00	1.130	1.04	96.64
5.00	2.985	2.75	99.40
6.00	0.145	0.13	99.53
7.00	0.090	0.08	99.61
8.00	0.000	0.00	99.61
9.00	0.115	0.11	99.72
10.00	0.305	0.28	100.00

POST ANALYTICAL WEIGHT 108.360

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	96.64	2.97	0.39	28.76	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.38A	1.93A	2.30A	2.45A	2.60A	2.74A	2.88A	3.67A
TRASK VALUES							
Q1	Q2	Q3	SO	LOG SO	SKG		
0.183	0.165	0.150	1.104	0.043	1.005		

CRUISE DC014 STATION 020 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.60	2.59	0.29	-0.05	0.69	2.01

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.59	0.41	2	0.09	3	2.49	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.67	0.67	4.39	41.24

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 021 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-03.2N LONG 124-22.8W WATER DEPTH 47 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-5.00	0.000	0.00	0.00
-4.00	56.510	43.61	43.61
-3.00	18.800	14.51	58.12
-2.00	25.450	19.64	77.76
-1.75	4.160	3.21	80.97
-1.50	3.590	2.77	83.74
-1.25	3.280	2.53	86.27
-1.00	3.510	2.71	88.98
-0.75	3.180	2.45	91.43
-0.50	2.180	1.68	93.11
-0.25	1.880	1.45	94.56
0.00	1.190	0.92	95.48
0.25	1.110	0.86	96.34
0.50	0.560	0.43	96.77
0.75	0.510	0.39	97.16
1.00	0.220	0.17	97.33
1.25	0.220	0.17	97.50
1.50	0.150	0.12	97.62
1.75	0.180	0.14	97.76
2.00	0.170	0.13	97.89
2.25	0.180	0.14	98.03
2.50	0.280	0.22	98.24
2.75	0.420	0.32	98.57
3.00	0.220	0.17	98.74
3.25	0.130	0.10	98.84
3.50	0.080	0.06	98.90
3.75	0.100	0.08	98.98
4.00	0.020	0.02	98.99
5.00	0.285	0.22	99.21
6.00	0.015	0.01	99.22
7.00	0.015	0.01	99.24
8.00	0.050	0.04	99.27
9.00	0.940	0.73	100.00

POST ANALYTICAL WEIGHT 129.585

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
	SAND	SILT	CLAY			
88.98	10.02	0.28	0.72	99.00	1	6

CRUISE DC014 STATION 021 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-4.98L*	-4.89L*	-4.63L*	-4.43L	-3.49A	-2.17A	-1.47A	-0.14A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
21.507	11.205	4.511	2.184	0.339	0.879

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-3.49	-3.05	1.58	0.27	0.62	0.50

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-3.20	1.51	4	0.34	5	0.86	2

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-3.05	1.88	2.46	13.27

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 021 SAMPLER TYPE EX ID BBB
 DATE 07/22/67 LAT 47-03.2N LONG 124-22.8W WATER DEPTH 47 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-5.00	0.000	0.00	0.00
-4.00	43.120	31.67	31.67
-3.00	34.160	25.09	56.75
-2.00	31.450	23.10	79.85
-1.75	5.400	3.97	83.81
-1.50	3.960	2.91	86.72
-1.25	3.480	2.56	89.27
-1.00	3.080	2.26	91.54
-0.75	2.700	1.98	93.52
-0.50	1.850	1.36	94.88
-0.25	1.490	1.09	95.97
0.00	1.200	0.88	96.85
0.25	1.110	0.82	97.67
0.50	0.680	0.50	98.17
0.75	0.590	0.43	98.60
1.00	0.290	0.21	98.81
1.25	0.300	0.22	99.03
1.50	0.190	0.14	99.17
1.75	0.210	0.15	99.33
2.00	0.180	0.13	99.46
2.25	0.120	0.09	99.55
2.50	0.120	0.09	99.64
2.75	0.160	0.12	99.75
3.00	0.090	0.07	99.82
3.25	0.040	0.03	99.85
3.50	0.020	0.01	99.86
3.75	0.020	0.01	99.88
4.00	0.010	0.01	99.89
5.00	0.080	0.06	99.94
6.00	0.075	0.06	100.00

POST ANALYTICAL WEIGHT 136.175

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD TETRAH.	
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
91.54	8.35	0.11	0.00	908.09	1	6
PHI-SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-4.97A*	-4.86A*	-4.53A*	-4.23A	-3.25A	-2.25A	-1.74A -0.47A

CRUISE OC014 STATION 021 SAMPLER TYPE EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
18.828	9.508	4.772	1.986	0.298	0.997

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-3.25	-3.13	1.40	0.08	0.42	0.57

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-3.17	1.36	4	0.17	4	0.91	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-3.06	1.40	1.15	5.04

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 022 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-03.9N LONG 124-26.2W WATER DEPTH 55 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.020	0.02	0.03
0.25	0.040	0.04	0.07
0.50	0.100	0.10	0.17
0.75	0.320	0.32	0.49
1.00	0.540	0.54	1.02
1.25	1.500	1.49	2.51
1.50	2.980	2.96	5.47
1.75	9.740	9.67	15.14
2.00	18.200	18.07	33.21
2.25	19.520	19.38	52.58
2.50	19.610	19.47	72.05
2.75	15.820	15.70	87.76
3.00	6.170	6.12	93.88
3.25	2.230	2.21	96.09
3.50	0.870	0.86	96.96
3.75	0.860	0.85	97.81
4.00	0.300	0.30	98.11
5.00	0.870	0.86	98.97
6.00	0.110	0.11	99.08
7.00	0.030	0.03	99.11
8.00	0.055	0.05	99.17
9.00	0.050	0.05	99.22
10.00	0.790	0.78	100.00

POST ANALYTICAL WEIGHT 100.735

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	98.11	1.06	0.83	51.91	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.99A	1.47A	1.76A	1.90A	2.22A	2.54A	2.67A	3.09A
TRASK VALUES							
Q1	Q2	Q3	SD	LOG SD	SKG		
0.269	0.215	0.172	1.248	0.096	1.001		

CRUISE OC014 STATION 022 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.22	2.21	0.45	0.00	0.14	0.79

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.22	0.47	2	0.04	3	1.04	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.29	0.86	5.06	41.92

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 022 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-03.9N LONG 124-26.2W WATER DEPTH 55 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.00	0.000	0.00	0.00
0.25	0.040	0.03	0.03
0.50	0.070	0.06	0.09
0.75	0.240	0.19	0.28
1.00	0.280	0.22	0.50
1.25	0.920	0.72	1.22
1.50	1.830	1.44	2.66
1.75	6.150	4.84	7.49
2.00	14.800	11.64	19.13
2.25	20.750	16.32	35.45
2.50	24.100	18.95	54.40
2.75	30.240	23.78	78.18
3.00	12.620	9.92	88.11
3.25	5.510	4.33	92.44
3.50	2.440	1.92	94.36
3.75	2.330	1.83	96.19
4.00	0.830	0.65	96.85
5.00	2.860	2.25	99.10
6.00	0.345	0.27	99.37
7.00	0.115	0.09	99.46
8.00	0.130	0.10	99.56
9.00	0.180	0.14	99.70
10.00	0.380	0.30	100.00

POST ANALYTICAL WEIGHT 127.160

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.85	2.71	0.44	30.75	1

PHI-SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.20A	1.66A	1.95A	2.10A	2.45A	2.70A	2.87A	3.56A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.234	0.184	0.153	1.234	0.091	1.031

CRUISE OC014 STATION 022 SAMPLER TYPE VV EX ID 8BB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.45	2.41	0.46	-0.08	0.36	1.06

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.42	0.52	3	0.04	3	1.28	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.50	0.77	3.73	30.40

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 023 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-05.3N LONG 124-23.4W WATER DEPTH 50 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	0.070	0.07	0.07
-1.75	0.030	0.03	0.10
-1.50	0.100	0.10	0.20
-1.25	0.100	0.10	0.30
-1.00	0.330	0.33	0.64
-0.75	0.300	0.30	0.94
-0.50	0.390	0.40	1.34
-0.25	0.290	0.29	1.63
0.00	0.370	0.37	2.01
0.25	0.600	0.61	2.61
0.50	0.740	0.75	3.36
0.75	1.620	1.64	5.01
1.00	1.920	1.95	6.95
1.25	4.340	4.40	11.35
1.50	5.130	5.20	16.55
1.75	9.230	9.35	25.90
2.00	12.780	12.95	38.85
2.25	16.390	16.61	55.45
2.50	15.570	15.78	71.23
2.75	15.730	15.94	87.17
3.00	7.130	7.22	94.39
3.25	2.070	2.10	96.49
3.50	0.660	0.67	97.16
3.75	0.840	0.85	98.01
4.00	0.380	0.39	98.39
5.00	0.770	0.78	99.17
6.00	0.045	0.05	99.22
7.00	0.010	0.01	99.23
8.00	0.760	0.77	100.00

POST ANALYTICAL WEIGHT 98.695

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS		
	SAND	SILT	CLAY				
0.64	97.76	1.61	-0.01	61.50	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
-0.72A	0.75A	1.48A	1.73A	2.17A	2.55A	2.69A	3.03A

CRUISE OC014 STATION 023 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.301	0.222	0.170	1.330	0.124	1.020

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.17	2.08	0.60	-0.14	-0.46	0.88

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.11	0.65	3	-0.20	2	1.14	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.11	0.91	0.90	13.50

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 023 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-05.3N LONG 124-23.4W WATER DEPTH 50 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.050	0.05	0.05
0.00	0.030	0.03	0.09
0.25	0.090	0.10	0.18
0.50	0.130	0.14	0.32
0.75	0.420	0.45	0.77
1.00	0.610	0.65	1.42
1.25	2.160	2.31	3.73
1.50	3.640	3.89	7.63
1.75	9.290	9.94	17.57
2.00	16.100	17.22	34.79
2.25	16.300	17.44	52.23
2.50	16.390	17.54	69.77
2.75	16.400	17.55	87.31
3.00	6.210	6.64	93.96
3.25	1.810	1.94	95.89
3.50	0.700	0.75	96.64
3.75	1.100	1.18	97.82
4.00	0.500	0.53	98.35
5.00	1.070	1.14	99.50
6.00	0.050	0.05	99.55
7.00	0.125	0.13	99.68
8.00	0.025	0.03	99.71
9.00	0.270	0.29	100.00

POST ANALYTICAL WEIGHT 93.470

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.35	1.36	0.29	59.61	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.85A	1.35A	1.72A	1.87A	2.22A	2.56A	2.69A	3.09A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.274	0.215	0.169	1.273	0.105	1.003	

CRUISE 0C014 STATION 023 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.22	2.20	0.48	-0.03	0.00	0.81

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.21	0.50	3	-0.01	3	1.03	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.25	0.70	2.77	24.24

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 024 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-06.6N LONG 124-21.8W WATER DEPTH 43 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	1.020	0.77	0.77
-2.00	0.530	0.40	1.18
-1.75	0.540	0.41	1.59
-1.50	0.700	0.53	2.12
-1.25	2.600	1.97	4.09
-1.00	6.100	4.63	8.73
-0.75	12.410	9.43	18.15
-0.50	15.230	11.57	29.72
-0.25	18.140	13.78	43.50
0.00	17.000	12.91	56.42
0.25	13.890	10.55	66.97
0.50	5.930	4.50	71.47
0.75	3.840	2.92	74.39
1.00	1.900	1.44	75.83
1.25	2.080	2.19	78.02
1.50	3.370	2.56	80.58
1.75	5.000	4.41	84.98
2.00	6.100	4.63	89.62
2.25	4.320	3.28	92.90
2.50	2.040	2.16	95.06
2.75	1.670	1.27	96.33
3.00	0.670	0.51	96.83
3.25	0.360	0.27	97.11
3.50	0.250	0.19	97.30
3.75	0.440	0.33	97.63
4.00	0.120	0.09	97.72
5.00	1.055	0.80	98.52
6.00	0.270	0.21	98.73
7.00	0.120	0.09	98.82
8.00	0.210	0.16	98.98
9.00	0.235	0.18	99.16
10.00	0.215	0.16	99.32
11.00	0.050	0.04	99.36
12.00	0.043	0.64	100.00

POST ANALYTICAL WEIGHT 131.648

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD TETRAH. CLASS GROUP	
	SAND	SILT	CLAY			
8.73	88.99	1.26	1.02	42.86	1	13

CRUISE OC014 STATION 024 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-2.26A	-1.18A	-0.80A	-0.60A	-0.13A	0.85A	1.71A	2.49A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
1.512	1.093	0.553	1.654	0.218	0.836

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-0.13	0.45	1.25	0.47	0.63	0.47

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
0.26	1.18	4	0.45	5	1.04	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
0.30	1.64	3.04	19.13

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 024 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-06.5N LONG 124-21.8W WATER DEPTH 43 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.08	0.08
1.50	0.900	0.90	0.98
1.75	0.400	0.40	1.38
2.00	1.800	1.80	3.18
2.25	5.640	5.65	8.83
2.50	11.920	11.94	20.77
2.75	26.880	26.92	47.69
3.00	12.780	12.80	60.49
3.25	8.460	8.47	68.97
3.50	5.110	5.12	74.08
3.75	6.530	6.54	80.62
4.00	4.100	4.11	84.73
5.00	10.825	10.84	95.57
6.00	1.095	1.10	96.67
7.00	0.545	0.55	97.21
8.00	0.500	0.50	97.72
9.00	0.350	0.35	98.07
10.00	0.330	0.33	98.40
11.00	0.215	0.22	98.61
12.00	1.386	1.39	100.00

POST ANALYTICAL WEIGHT 99.846

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	84.73	12.98	2.29	5.55	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.51A	2.11A	2.42A	2.54A	2.79A	3.54A	3.95A	4.91L

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.172	0.145	0.086	1.414	0.150	0.841

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.79	3.18	0.76	0.52	0.95	0.83

CRUISE OC014 STATION 024 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.81	3	0.52	5	1.15	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.23	1.43	3.62	19.52

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 025 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-07.9N LONG 124-18.0W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	2.290	2.27	2.27
-2.00	7.780	7.72	9.99
-1.75	10.180	10.10	20.10
-1.50	12.430	12.34	32.44
-1.25	10.100	10.02	42.46
-1.00	7.150	7.10	49.56
-0.75	6.230	6.18	55.74
-0.50	5.720	5.68	61.42
-0.25	5.400	5.36	66.78
0.00	5.210	5.17	71.95
0.25	5.960	5.92	77.86
0.50	4.250	4.22	82.08
0.75	4.290	4.26	86.34
1.00	2.010	1.99	88.33
1.25	1.800	1.79	90.12
1.50	0.910	0.90	91.02
1.75	0.920	0.91	91.94
2.00	0.700	0.69	92.63
2.25	0.600	0.60	93.23
2.50	0.690	0.68	93.91
2.75	1.020	1.01	94.93
3.00	0.600	0.60	95.52
3.25	0.400	0.40	95.92
3.50	0.230	0.23	96.15
3.75	0.320	0.32	96.46
4.00	0.100	0.10	96.56
5.00	1.265	1.26	97.82
6.00	0.575	0.57	98.39
7.00	0.210	0.21	98.60
8.00	0.285	0.28	98.88
9.00	0.285	0.28	99.16
10.00	0.160	0.16	99.32
11.00	0.065	0.06	99.39
12.00	0.618	0.61	100.00

POST ANALYTICAL WEIGHT 100.753

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD	TETRAH.
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
49.56	47.01	2.32	1.11	28.15	1	9

CRUISE OC014 STATION 025 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.52A*	-2.36A	-1.83A	-1.65A	-0.98A	0.13A	0.59A	2.78A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
3.146	1.977	0.917	1.853	0.268	0.859

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-0.98	-0.62	1.21	0.30	0.98	1.12

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-0.74	1.38	4	0.38	5	1.18	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-0.52	1.97	2.70	14.34

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 026 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-08.6N LONG 124-16.7W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.220	0.22	0.22
1.50	0.230	0.23	0.46
1.75	0.590	0.60	1.05
2.00	1.680	1.70	2.75
2.25	4.560	4.62	7.37
2.50	12.030	12.18	19.55
2.75	22.620	22.90	42.45
3.00	24.560	24.87	67.32
3.25	14.720	14.90	82.22
3.50	7.200	7.29	89.51
3.75	5.780	5.85	95.36
4.00	1.230	1.25	96.61
5.00	2.890	2.93	99.53
6.00	0.255	0.26	99.79
7.00	0.208	0.21	100.00

POST ANALYTICAL WEIGHT 98.773

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.61	3.39	0.00	28.50	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.74A	2.15A	2.45A	2.57A	2.82A	3.11A	3.30A	3.71A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.168	0.142	0.116	1.204	0.081	0.987

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.82	2.88	0.43	0.13	0.26	0.82

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.86	0.45	2	0.14	4	1.19	4

CRUISE OC014 STATION 026 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
2.88	0.55	1.35	8.69

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 026 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-08.6N LONG 124-16.7W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.120	0.18	0.18
1.50	0.110	0.17	0.35
1.75	0.330	0.50	0.84
2.00	1.060	1.59	2.44
2.25	2.500	3.76	6.20
2.50	4.790	7.20	13.40
2.75	9.100	13.69	27.08
3.00	8.160	12.27	39.36
3.25	8.160	12.27	51.63
3.50	7.810	11.75	63.37
3.75	9.660	14.53	77.90
4.00	4.070	6.12	84.02
5.00	9.090	13.67	97.69
6.00	0.535	0.80	98.50
7.00	0.110	0.17	98.66
8.00	0.140	0.21	98.87
9.00	0.000	0.00	98.87
10.00	0.750	1.13	100.00

POST ANALYTICAL WEIGHT 66.495

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	84.02	14.85	1.13	5.26	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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1.79A	2.19A	2.55A	2.71A	3.22A	3.68A	4.00A	4.65L
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TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.152	0.108	0.078	1.399	0.146	1.013

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.22	3.28	0.72	0.08	0.28	0.70

CRUISE DC014 STATION 026 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.26	0.73	3	0.12	4	1.04	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.34	1.01	2.75	17.10

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 027 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 47-09.2N LONG 124-15.5W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.060	0.06	0.10
1.75	0.280	0.30	0.40
2.00	0.770	0.82	1.22
2.25	1.440	1.54	2.76
2.50	2.720	2.91	5.66
2.75	10.130	10.83	16.49
3.00	33.080	35.35	51.84
3.25	23.030	24.61	76.45
3.50	11.840	12.65	89.11
3.75	6.810	7.28	96.38
4.00	0.960	1.03	97.41
5.00	1.475	1.58	98.99
6.00	0.115	0.12	99.11
7.00	0.005	0.01	99.12
8.00	0.030	0.03	99.15
9.00	0.010	0.01	99.16
10.00	0.145	0.15	99.31
11.00	0.643	0.69	100.00

POST ANALYTICAL WEIGHT 93.573

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT	CLAY		
0.00	97.41	1.74	0.85	37.61	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.95A	2.46A	2.74A	2.83A	2.99A	3.23A	3.38A	3.60A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.141	0.126	0.107	1.149	0.060	0.971

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.99	3.06	0.32	0.24	0.13	0.79

CRUISE 0C014 STATION 027 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.04	0.33	1	0.15	4	1.17	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.79	6.71	62.13

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 027 SAMPLER TYPE VV EX ID BBB
 DATE 07/22/67 LAT 47-09.2N LONG 124-15.5W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.25	0.000	0.00	0.00
0.50	0.010	0.01	0.01
0.75	0.080	0.07	0.08
1.00	0.120	0.11	0.19
1.25	0.100	0.09	0.29
1.50	0.180	0.17	0.45
1.75	0.380	0.35	0.80
2.00	0.870	0.80	1.61
2.25	1.460	1.35	2.96
2.50	2.710	2.51	5.46
2.75	12.300	11.37	16.84
3.00	38.250	35.37	52.21
3.25	24.500	22.65	74.86
3.50	14.840	13.72	88.58
3.75	8.740	8.08	96.66
4.00	1.790	1.66	98.32
5.00	1.475	1.36	99.68
6.00	0.100	0.09	99.77
7.00	0.065	0.06	99.83
8.00	0.005	0.00	99.84
9.00	0.130	0.12	99.96
10.00	0.045	0.04	100.00

POST ANALYTICAL WEIGHT 108.150

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.32	1.52	0.16	58.52	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.83A	2.47A	2.74A	2.82A	2.98A	3.25A	3.40A	3.65A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.141	0.126	0.105	1.160	0.065	0.964

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.07	0.33	0.27	0.22	0.80

CRUISE OC014 STATION 027 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.04	0.34	1	0.20	4	1.13	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.04	0.49	2.85	37.10

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 028 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-09.9N LONG 124-14.2W WATER DEPTH 12 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.100	0.10	0.10
1.50	0.060	0.06	0.16
1.75	0.200	0.20	0.36
2.00	0.310	0.31	0.68
2.25	0.620	0.63	1.30
2.50	1.530	1.55	2.85
2.75	14.120	14.27	17.12
3.00	54.260	54.84	71.96
3.25	18.880	19.08	91.04
3.50	5.570	5.63	96.67
3.75	1.910	1.93	98.60
4.00	1.160	1.17	99.77
5.00	0.200	0.20	99.97
6.00	0.000	0.00	99.97
7.00	0.025	0.03	100.00
8.00	0.000	0.00	100.00

POST ANALYTICAL WEIGHT 98.945

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.77	0.23	0.00	433.78	1

PHI SIZES AT PERCENT LEVELS OF:

1	5	16	25	50	75	84	95
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2.15A	2.63A	2.75A	2.79A	2.89A	3.02A	3.12A	3.39A
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TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.144	0.135	0.123	1.083	0.035	0.988

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.89	2.94	0.19	0.23	0.64	1.07

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.92	0.21	1	0.27	4	1.37	4

CRUISE OC014 STATION 028 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.92	0.29	0.72	14.84

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 028 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-09.9N LONG 124-14.2W WATER DEPTH 12 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.580	0.63	0.63
1.50	0.060	0.07	0.70
1.75	0.180	0.20	0.89
2.00	0.390	0.42	1.31
2.25	0.540	0.59	1.90
2.50	1.730	1.88	3.78
2.75	13.980	15.19	18.97
3.00	48.650	52.84	71.81
3.25	19.040	20.68	92.49
3.50	4.510	4.90	97.39
3.75	1.330	1.44	98.83
4.00	0.100	0.11	98.94
5.00	0.240	0.26	99.20
6.00	0.035	0.04	99.24
7.00	0.075	0.08	99.32
8.00	0.623	0.68	100.00

POST ANALYTICAL WEIGHT 92.063

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.94	1.06	0.00	93.34	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.84A	2.58A	2.74A	2.79A	2.90A	3.02A	3.10A	3.34A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.145	0.134	0.123	1.084	0.035	0.995

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.90	2.92	0.18	0.14	0.34	1.14

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.91	0.20	1	0.15	4	1.34	4

CRUISE OC014 STATION 028 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.93	0.49	5.47	54.89

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 029 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 47-10.5N LONG 124-13.1W WATER DEPTH 8 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.500	0.64	0.64
1.50	0.030	0.04	0.68
1.75	0.100	0.13	0.80
2.00	0.180	0.23	1.03
2.25	0.360	0.46	1.49
2.50	0.890	1.14	2.63
2.75	8.240	10.52	13.15
3.00	43.110	55.03	68.18
3.25	19.440	24.82	93.00
3.50	3.770	4.81	97.81
3.75	0.920	1.17	98.99
4.00	0.080	0.10	99.09
5.00	0.050	0.06	99.15
6.00	0.070	0.09	99.24
7.00	0.075	0.10	99.34
8.00	0.518	0.66	100.00

POST ANALYTICAL WEIGHT 78.333

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.09	0.91	-0.00	108.89	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.97A	2.68A	2.78A	2.83A	2.93A	3.04A	3.10A	3.31A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.140	0.131	0.122	1.073	0.030	0.997

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.93	2.94	0.16	0.07	0.40	0.91

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.94	0.18	1	0.14	4	1.27	4

CRUISE OC014 STATION 029 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.96	0.48	5.85	60.15

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 029 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-10.5N LONG 124-13.1W WATER DEPTH 8 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.030	0.03	0.06
1.75	0.110	0.12	0.18
2.00	0.160	0.18	0.36
2.25	0.380	0.43	0.79
2.50	0.870	0.99	1.78
2.75	8.440	9.57	11.35
3.00	51.900	58.86	70.21
3.25	19.680	22.32	92.53
3.50	4.500	5.10	97.64
3.75	1.180	1.34	98.98
4.00	0.090	0.10	99.08
5.00	0.050	0.06	99.13
6.00	0.055	0.06	99.20
7.00	0.070	0.08	99.28
8.00	0.638	0.72	100.00

POST ANALYTICAL WEIGHT 88.173

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.08	0.92	0.00	107.70	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.32A	2.69A	2.79A	2.83A	2.92A	3.03A	3.11A	3.33A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.140	0.132	0.123	1.070	0.029	0.991

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.92	2.95	0.16	0.18	0.58	0.98

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.94	0.18	1	0.23	4	1.33	4

CRUISE OC014 STATION 029 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.97	0.46	7.22	70.74

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 030 SAMPLER TYPE VV EX ID AAA
 DATE 07/22/67 LAT 47-10.8N LONG 124-14.6W WATER DEPTH 13 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.040	0.04	0.07
1.75	0.130	0.13	0.20
2.00	0.230	0.23	0.42
2.25	0.600	0.59	1.02
2.50	1.740	1.72	2.74
2.75	11.120	10.99	13.73
3.00	55.080	54.43	68.16
3.25	21.110	20.86	89.03
3.50	7.570	7.48	96.51
3.75	2.830	2.80	99.30
4.00	0.220	0.22	99.52
5.00	0.455	0.45	99.97
6.00	0.000	0.00	99.97
7.00	0.030	0.03	100.00

POST ANALYTICAL WEIGHT 101.185

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.52	0.48	-0.00	207.33	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.25A	2.62A	2.77A	2.82A	2.91A	3.06A	3.16A	3.43A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.142	0.133	0.120	1.086	0.036	0.982

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.91	2.97	0.19	0.27	0.55	1.05

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.95	0.22	1	0.27	4	1.39	4

CRUISE DC014 STATION 030 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.95	0.28	1.20	15.76

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE 0C014 STATION 030 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-10.8N LONG 124-14.6W WATER DEPTH 13 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.00	0.000	0.00	0.00
-0.75	0.010	0.01	0.01
-0.50	0.010	0.01	0.02
-0.25	0.010	0.01	0.04
0.00	0.020	0.02	0.06
0.25	0.000	0.00	0.06
0.50	0.010	0.01	0.07
0.75	0.010	0.01	0.09
1.00	0.040	0.05	0.14
1.25	0.080	0.10	0.24
1.50	0.140	0.17	0.41
1.75	0.230	0.29	0.70
2.00	0.270	0.34	1.03
2.25	0.420	0.52	1.56
2.50	0.950	1.18	2.74
2.75	8.250	10.28	13.02
3.00	39.150	48.79	61.81
3.25	19.470	24.26	86.07
3.50	7.690	9.58	95.65
3.75	2.870	3.58	99.23
4.00	0.310	0.39	99.61
5.00	0.140	0.17	99.79
6.00	0.035	0.04	99.83
7.00	0.000	0.00	99.83
8.00	0.000	0.00	99.83
9.00	0.085	0.11	99.94
10.00	0.050	0.06	100.00

POST ANALYTICAL WEIGHT 80.250

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	99.61	0.22	0.17	255.41	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.98A	2.67A	2.78A	2.83A	2.94A	3.11A	3.22A	3.47A
TRASK VALUES							
Q1	Q2	Q3	S0	LOG S0	SKG		
0.140	0.130	0.116	1.101	0.042	0.979		

CRUISE OC014 STATION 030 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.94	3.00	0.22	0.26	0.60	0.82

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.98	0.23	1	0.29	4	1.19	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.98	0.40	4.98	91.72

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 031 SAMPLER TYPE VV EX ID AAA

DATE 07/22/67 LAT 47-11.2N LONG 124-16.2W WATER DEPTH 25 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-1.75	0.000	0.00	0.00
-1.50	0.100	0.08	0.08
-1.25	0.390	0.32	0.40
-1.00	0.310	0.26	0.66
-0.75	0.180	0.15	0.81
-0.50	0.480	0.40	1.20
-0.25	1.480	1.22	2.42
0.00	4.220	3.47	5.89
0.25	12.170	10.02	15.91
0.50	16.100	13.25	29.16
0.75	27.820	22.90	52.06
1.00	17.780	14.63	66.69
1.25	18.540	15.26	81.95
1.50	9.100	7.49	89.44
1.75	4.460	3.67	93.11
2.00	1.000	0.82	93.93
2.25	0.380	0.31	94.24
2.50	0.510	0.42	94.66
2.75	1.280	1.05	95.72
3.00	2.170	1.79	97.50
3.25	1.480	1.22	98.72
3.50	0.360	0.30	99.02
3.75	0.220	0.18	99.20
4.00	0.030	0.02	99.22
5.00	0.205	0.17	99.39
6.00	0.015	0.01	99.40
7.00	0.723	0.60	100.00

POST ANALYTICAL WEIGHT 121.503

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.66	98.57	0.78	0.01	128.87	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
-0.58A	-0.04A	0.25A	0.43A	0.72A	1.12A	1.30A	2.63A
TRASK VALUES							
Q1	Q2	Q3	S0	LOG S0	SKG		
0.742	0.605	0.459	1.271	0.104	0.965		

CRUISE OC014 STATION 031 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
0.72	0.77	0.52	0.10	1.09	1.55

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
0.76	0.67	3	0.26	4	1.59	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
0.86	0.83	2.56	16.28

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 031 SAMPLER TYPE VV EX ID BBB

DATE 07/22/67 LAT 47-11.2N LONG 124-16.2W WATER DEPTH 25 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.030	0.04	0.04
0.00	0.020	0.02	0.06
0.25	0.080	0.10	0.16
0.50	0.150	0.18	0.34
0.75	0.410	0.50	0.84
1.00	0.390	0.47	1.31
1.25	0.630	0.77	2.08
1.50	0.690	0.84	2.91
1.75	1.030	1.25	4.17
2.00	0.930	1.13	5.30
2.25	1.350	1.64	6.94
2.50	3.900	4.74	11.67
2.75	16.200	19.68	31.35
3.00	26.710	32.44	63.79
3.25	15.980	19.41	83.20
3.50	6.770	8.22	91.42
3.75	4.130	5.02	96.44
4.00	1.190	1.45	97.88
5.00	1.285	1.56	99.44
6.00	0.330	0.40	99.84
7.00	0.020	0.02	99.87
8.00	0.000	0.00	99.87
9.00	0.065	0.08	99.95
10.00	0.045	0.05	100.00

POST ANALYTICAL WEIGHT 82.335

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	97.88	1.99	0.13	46.17	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.84A	1.94A	2.61A	2.71A	2.89A	3.12A	3.27A	3.64A
TRASK VALUES							
Q1	Q2	Q3	SO	LOG SO	SKG		
0.153	0.135	0.115	1.151	0.061	0.983		

CRUISE DC014 STATION 031 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.89	2.94	0.33	0.15	-0.31	1.57

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.92	0.42	2	0.01	3	1.72	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.89	0.61	0.86	20.01

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 033 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-11.7N LONG 124-19.4W WATER DEPTH 38 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.005	0.01	0.01
1.50	0.015	0.04	0.06
1.75	0.060	0.18	0.24
2.00	0.101	0.30	0.54
2.25	0.052	0.16	0.70
2.50	0.039	0.12	0.81
2.75	0.063	0.19	1.00
3.00	0.050	0.15	1.15
3.25	0.210	0.63	1.78
3.50	0.108	0.32	2.10
3.75	0.308	0.92	3.03
4.00	0.231	0.69	3.72
5.00	11.954	35.79	39.51
6.00	7.665	22.95	62.46
7.00	4.968	14.87	77.33
8.00	1.810	5.42	82.75
9.00	1.326	3.97	86.72
10.00	1.387	4.15	90.88
11.00	1.061	3.18	94.05
12.00	1.986	5.95	100.00

POST ANALYTICAL WEIGHT 33.399

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	3.72	79.04	17.24	0.04	4

PHI SIZES AT PERCENT LEVELS OF (LAST VALUE IS EXTRAPOLATED)

1	5	16	25	50	75	84	95
2.75A	4.09L	4.52L	4.87A	5.41A	6.73A	8.30A	11.45A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.034	0.024	0.009	1.907	0.280	0.764

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
5.41	6.41	1.89	0.53	1.25	0.95

CRUISE OC014 STATION 033 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
6.08	2.06	5	0.59	5	1.62	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
6.11	2.13	1.19	3.67

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 034 SAMPLER TYPE EX ID AAA
 DATE 07/23/67 LAT 47-12.4N LONG 124-22.3W WATER DEPTH 42 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.00	0.000	0.00	0.00
0.25	0.020	0.02	0.02
0.50	0.030	0.03	0.04
0.75	0.120	0.10	0.14
1.00	0.400	0.34	0.48
1.25	1.910	1.61	2.09
1.50	4.880	4.11	6.20
1.75	15.270	12.87	19.07
2.00	23.600	19.88	38.95
2.25	24.310	20.48	59.43
2.50	20.950	17.65	77.08
2.75	11.600	9.77	86.86
3.00	3.500	2.95	89.81
3.25	1.070	0.90	90.71
3.50	0.560	0.47	91.18
3.75	0.920	0.78	91.96
4.00	0.300	0.25	92.21
5.00	1.270	1.07	93.28
6.00	1.160	0.98	94.26
7.00	1.030	0.87	95.12
8.00	1.025	0.86	95.99
9.00	1.010	0.85	96.84
10.00	1.040	0.88	97.71
11.00	1.040	0.88	98.59
12.00	1.673	1.41	100.00

POST ANALYTICAL WEIGHT 118.688

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT	CLAY		
0.00	92.21	3.78	4.01	11.84	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.13A	1.45A	1.71A	1.83A	2.13A	2.46A	2.62A	6.85A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.281	0.228	0.181	1.245	0.095	0.990

CRUISE OC014 STATION 034 SAMPLER TYPE EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.13	2.16	0.45	0.07	4.41	4.91

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.15	1.05	4	0.41	5	3.51	6

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.57	1.80	3.52	15.46

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 034 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-12.4N LONG 124-22.3W WATER DEPTH 42 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.00	0.000	0.00	0.00
0.25	0.010	0.01	0.01
0.50	0.030	0.03	0.03
0.75	0.180	0.15	0.19
1.00	0.510	0.43	0.62
1.25	2.230	1.90	2.52
1.50	4.230	3.60	6.11
1.75	12.840	10.92	17.03
2.00	23.520	20.00	37.03
2.25	28.080	23.87	60.90
2.50	23.930	20.35	81.25
2.75	14.170	12.05	93.30
3.00	3.660	3.11	96.41
3.25	1.080	0.92	97.33
3.50	0.450	0.38	97.71
3.75	0.800	0.68	98.39
4.00	0.510	0.43	98.82
5.00	1.150	0.98	99.80
6.00	0.045	0.04	99.84
7.00	0.045	0.04	99.88
8.00	0.015	0.01	99.89
9.00	0.005	0.00	99.89
10.00	0.125	0.11	100.00

POST ANALYTICAL WEIGHT 117.615

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS			
	SAND	SILT	CLAY					
0.00	98.82	1.07	0.11	83.75	1			
PHI SIZES AT PERCENT LEVELS OF								
	1	5	16	25	50	75	84	95
	1.08A	1.44A	1.73A	1.86A	2.14A	2.41A	2.53A	2.83A
TRASK VALUES								
	Q1	Q2	Q3	S0	LOG S0	SKG		
	0.275	0.228	0.188	1.210	0.083	0.999		

CRUISE DC014 STATION 034 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.14	2.13	0.40	-0.01	0.00	0.74

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.13	0.41	2	0.00	3	1.03	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.17	0.57	3.39	37.31

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 035 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-13.0N LONG 124-26.0W WATER DEPTH 48 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.030	0.03	0.03
0.00	0.080	0.07	0.09
0.25	0.100	0.08	0.18
0.50	0.120	0.10	0.28
0.75	0.310	0.26	0.54
1.00	0.490	0.41	0.95
1.25	1.490	1.26	2.21
1.50	2.850	2.41	4.62
1.75	10.520	8.89	13.51
2.00	21.520	18.18	31.69
2.25	26.180	22.11	53.80
2.50	25.970	21.94	75.74
2.75	16.700	14.11	89.84
3.00	5.950	5.03	94.87
3.25	1.880	1.59	96.46
3.50	0.640	0.54	97.00
3.75	0.850	0.72	97.72
4.00	0.290	0.24	97.96
5.00	1.455	1.23	99.19
6.00	0.115	0.10	99.29
7.00	0.843	0.71	100.00

POST ANALYTICAL WEIGHT 118.383

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.96	2.04	-0.00	48.02	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.02A	1.52A	1.79A	1.92A	2.21A	2.49A	2.61A	3.01A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.264	0.216	0.178	1.218	0.086	1.002

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.21	2.20	0.41	-0.01	0.14	0.81

CRUISE DC014 STATION 035 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.20	0.43	2	0.03	3	1.07	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.25	0.64	2.55	17.68

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 035 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-13.0N LONG 124-26.0W WATER DEPTH 48 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.090	0.07	0.07
0.00	0.170	0.14	0.21
0.25	0.190	0.15	0.36
0.50	0.280	0.22	0.59
0.75	0.930	0.75	1.33
1.00	1.200	0.96	2.30
1.25	3.900	3.13	5.43
1.50	7.610	6.11	11.54
1.75	24.700	19.83	31.37
2.00	33.410	26.82	58.19
2.25	25.080	20.14	78.33
2.50	16.250	13.05	91.38
2.75	6.750	5.42	96.80
3.00	1.910	1.53	98.33
3.25	0.550	0.44	98.77
3.50	0.160	0.13	98.90
3.75	0.180	0.14	99.05
4.00	0.050	0.04	99.09
5.00	0.360	0.29	99.38
6.00	0.778	0.62	100.00

POST ANALYTICAL WEIGHT 124.548

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS		
0.00	99.09	0.91	-0.00	108.89	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
0.67A	1.23A	1.59A	1.69A	1.92A	2.20A	2.34A	2.62A
TRASK VALUES							
Q1	Q2	Q3	SO	LOG SO	SKG		
0.309	0.264	0.217	1.192	0.076	0.982		
INMAN VALUES							
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.		
1.92	1.97	0.38	0.11	0.01	0.86		

CRUISE OC014 STATION 035 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
1.95	0.40	2	0.06	3	1.13	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
1.95	0.54	1.81	15.72

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 036 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-13.5N LONG 124-29.2W WATER DEPTH 56 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	7.450	5.28	5.28
-1.75	3.180	2.25	7.53
-1.50	5.600	3.97	11.49
-1.25	7.970	5.64	17.14
-1.00	13.240	9.38	26.51
-0.75	22.000	15.58	42.09
-0.50	20.590	14.58	56.67
-0.25	18.320	12.97	69.64
0.00	12.580	8.91	78.55
0.25	8.900	6.30	84.85
0.50	3.720	2.63	87.49
0.75	2.700	1.91	89.40
1.00	1.310	0.93	90.33
1.25	1.740	1.23	91.56
1.50	1.300	0.92	92.48
1.75	1.670	1.18	93.66
2.00	1.420	1.01	94.67
2.25	1.020	0.72	95.39
2.50	0.950	0.67	96.06
2.75	1.160	0.82	96.88
3.00	0.580	0.41	97.29
3.25	0.300	0.21	97.51
3.50	0.260	0.18	97.69
3.75	0.550	0.39	98.08
4.00	0.170	0.12	98.20
5.00	1.230	0.87	99.07
6.00	0.350	0.25	99.32
7.00	0.175	0.12	99.44
8.00	0.788	0.56	100.00

POST ANALYTICAL WEIGHT 141.223

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD	TETRAH.
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
26.51	71.69	1.80	0.00	54.56	1	14
PHI SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-2.77A*	-2.04A*	-1.29A	-1.03A	-0.62A	-0.11A	0.20A 2.11A

CRUISE DC014 STATION 036 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
2.045	1.534	1.080	1.377	0.139	0.969

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-0.62	-0.55	0.75	0.09	0.88	1.79

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-0.57	1.00	4	0.20	4	1.84	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-0.41	1.33	2.34	12.25

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 036 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-13.5N LONG 124-29.2W WATER DEPTH 56 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	4.010	2.52	2.52
-1.75	2.610	1.64	4.17
-1.50	6.000	3.78	7.94
-1.25	9.590	6.03	13.98
-1.00	20.600	12.96	26.94
-0.75	31.520	19.83	46.77
-0.50	24.350	15.32	62.09
-0.25	19.870	12.50	74.60
0.00	13.630	8.58	83.17
0.25	9.520	5.99	89.16
0.50	4.000	2.52	91.68
0.75	2.810	1.77	93.45
1.00	1.380	0.87	94.32
1.25	1.540	0.97	95.29
1.50	1.030	0.65	95.94
1.75	1.290	0.81	96.75
2.00	1.020	0.64	97.39
2.25	0.630	0.40	97.79
2.50	0.540	0.34	98.12
2.75	0.680	0.43	98.55
3.00	0.310	0.20	98.75
3.25	0.150	0.09	98.84
3.50	0.100	0.06	98.91
3.75	0.200	0.13	99.03
4.00	0.060	0.04	99.07
5.00	0.395	0.25	99.32
6.00	0.205	0.13	99.45
7.00	0.195	0.12	99.57
8.00	0.685	0.43	100.00

POST ANALYTICAL WEIGHT 158.920

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
26.94	72.13	0.93	0.00	106.53	1	14

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-2.51A*	-1.67A	-1.20A	-1.03A	-0.70A	-0.24A	0.02A	1.17A

CRUISE OC014 STATION 036 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
2.039	1.626	1.181	1.314	0.119	0.954

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-0.70	-0.59	0.61	0.19	0.74	1.33

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-0.63	0.74	3	0.25	4	1.48	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-0.53	1.07	3.15	21.12

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 037 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-14.4N LONG 124-26.7W WATER DEPTH 49 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.090	0.07	0.07
0.00	0.110	0.09	0.16
0.25	0.050	0.04	0.21
0.50	0.030	0.02	0.23
0.75	0.100	0.08	0.31
1.00	0.160	0.13	0.44
1.25	1.020	0.84	1.28
1.50	3.670	3.01	4.29
1.75	15.270	12.54	16.83
2.00	30.760	25.25	42.08
2.25	32.110	26.36	68.45
2.50	21.300	17.49	85.93
2.75	10.320	8.47	94.41
3.00	3.210	2.64	97.04
3.25	0.890	0.73	97.77
3.50	0.280	0.23	98.00
3.75	0.400	0.33	98.33
4.00	0.120	0.10	98.43
5.00	0.910	0.75	99.18
6.00	0.040	0.03	99.21
7.00	0.000	0.00	99.21
8.00	0.000	0.00	99.21
9.00	0.030	0.02	99.23
10.00	0.933	0.77	100.00

POST ANALYTICAL WEIGHT 121.803

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT	CLAY		
0.00	98.43	0.78	0.79	62.69	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.24A	1.53A	1.74A	1.84A	2.07A	2.33A	2.46A	2.77A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.279	0.238	0.199	1.183	0.073	0.990	

CRUISE OC014 STATION 037 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.07	2.10	0.36	0.09	0.22	0.72

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.09	0.37	2	0.11	4	1.05	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.16	0.79	6.36	58.54

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 037 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-14.4N LONG 124-26.7W WATER DEPTH 49 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.25	0.000	0.00	0.00
0.50	0.010	0.01	0.01
1.00	0.020	0.02	0.03
2.00	0.070	0.06	0.09
4.00	0.130	0.12	0.20
8.00	0.320	0.28	0.49
16.00	1.900	1.69	2.17
32.00	5.940	5.27	7.44
64.00	21.440	19.02	26.47
128.00	30.530	27.09	53.55
256.00	24.550	21.78	75.34
512.00	15.300	13.57	88.91
1024.00	7.390	6.56	95.47
2048.00	2.310	2.05	97.52
4096.00	0.700	0.62	98.14
8192.00	0.210	0.19	98.32
16384.00	0.320	0.28	98.61
32768.00	0.080	0.07	98.68
65536.00	0.540	0.48	99.16
131072.00	0.145	0.13	99.29
262144.00	0.000	0.00	99.29
524288.00	0.005	0.00	99.29
1048576.00	0.020	0.02	99.31
2097152.00	0.778	0.69	100.00

POST ANALYTICAL WEIGHT 112.708

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.68	0.61	0.71	74.76	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.14A	1.42A	1.64A	1.74A	1.97A	2.25A	2.39A	2.72A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.300	0.256	0.211	1.193	0.077	0.983

CRUISE OC014 STATION 037 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
1.97	2.01	0.37	0.13	0.27	0.74

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.00	0.38	2	0.14	4	1.05	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.06	0.77	6.52	61.50

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 038 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-16.0N LONG 124-25.2W WATER DEPTH 41 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.25	0.000	0.00	0.00
0.00	0.020	0.02	0.02
0.25	0.040	0.03	0.05
0.50	0.080	0.07	0.12
0.75	0.390	0.34	0.46
1.00	0.800	0.70	1.16
1.25	3.350	2.93	4.09
1.50	6.100	5.33	9.42
1.75	19.180	16.76	26.18
2.00	29.670	25.93	52.11
2.25	24.450	21.37	73.48
2.50	16.950	14.81	88.29
2.75	8.580	7.50	95.79
3.00	2.580	2.25	98.04
3.25	0.720	0.63	98.67
3.50	0.210	0.18	98.85
3.75	0.270	0.24	99.09
4.00	0.060	0.05	99.14
5.00	0.205	0.18	99.32
6.00	0.005	0.00	99.32
7.00	0.340	0.30	99.62
8.00	0.433	0.38	100.00

POST ANALYTICAL WEIGHT 114.433

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.14	0.86	0.00	115.28	1

PHI SIZES AT PERCENT LEVELS OF	1	5	16	25	50	75	84	95
	0.96A	1.31A	1.63A	1.74A	1.98A	2.27A	2.41A	2.70A

TRASK VALUES	Q1	Q2	Q3	S0	LOG S0	SKG
	0.300	0.254	0.207	1.203	0.080	0.983

INMAN VALUES	MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
	1.98	2.02	0.39	0.11	0.06	0.79

CRUISE OC014 STATION 038 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.01	0.41	2	0.07	3	1.08	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.03	0.60	4.05	35.69

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 038 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-16.0N LONG 124-25.2W WATER DEPTH 41 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-3.00	0.000	0.00	0.00
-2.00	17.140	13.69	13.69
-1.75	7.540	6.02	19.71
-1.50	4.230	3.38	23.09
-1.25	4.280	3.42	26.51
-1.00	5.000	3.99	30.51
-0.75	5.520	4.41	34.92
-0.50	5.210	4.16	39.08
-0.25	5.080	4.06	43.14
0.00	4.600	3.67	46.81
0.25	5.920	4.73	51.54
0.50	4.910	3.92	55.46
0.75	7.330	5.86	61.32
1.00	5.720	4.57	65.88
1.25	8.970	7.17	73.05
1.50	7.810	6.24	79.29
1.75	10.680	8.53	87.82
2.00	8.040	6.42	94.24
2.25	3.930	3.14	97.38
2.50	1.840	1.47	98.85
2.75	0.540	0.43	99.28
3.00	0.150	0.12	99.40
3.25	0.060	0.05	99.45
3.50	0.020	0.02	99.47
3.75	0.030	0.02	99.49
4.00	0.010	0.01	99.50
5.00	0.145	0.12	99.61
6.00	0.010	0.01	99.62
7.00	0.473	0.38	100.00

POST ANALYTICAL WEIGHT 125.188

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD TETRAH.	
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
30.51	68.99	0.50	0.00	199.00	1	14
PHI SIZES AT PERCENT LEVELS OF						
1	5	16	25	50	75	84 95
-2.91A*	-2.57A*	-1.96A	-1.36A	0.17A	1.33A	1.65A 2.05A

CRUISE OC014 STATION 038 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
2.563	0.889	0.399	2.536	0.404	1.137

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
0.17	-0.15	1.80	-0.18	-0.24	0.28

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-0.05	1.60	4	-0.18	2	0.70	2

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-0.01	1.59	0.03	2.71

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 039 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-16.8N LONG 124-22.6W WATER DEPTH 35 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	4.890	3.62	3.62
-2.00	32.230	23.88	27.50
-1.75	13.340	9.88	37.39
-1.50	13.800	10.23	47.61
-1.25	13.130	9.73	57.34
-1.00	12.390	9.18	66.52
-0.75	11.580	8.58	75.10
-0.50	7.320	5.42	80.53
-0.25	5.330	3.95	84.48
0.00	3.470	2.57	87.05
0.25	3.240	2.40	89.45
0.50	1.890	1.40	90.85
0.75	1.870	1.39	92.24
1.00	1.000	0.74	92.98
1.25	1.500	1.11	94.09
1.50	1.080	0.80	94.89
1.75	1.090	0.81	95.70
2.00	0.710	0.53	96.22
2.25	0.490	0.36	96.59
2.50	0.410	0.30	96.89
2.75	0.410	0.30	97.19
3.00	0.180	0.13	97.33
3.25	0.110	0.08	97.41
3.50	0.090	0.07	97.47
3.75	0.130	0.10	97.57
4.00	0.030	0.02	97.59
5.00	0.655	0.49	98.08
6.00	0.485	0.36	98.44
7.00	0.175	0.13	98.57
8.00	0.465	0.34	98.91
9.00	0.270	0.20	99.11
10.00	0.340	0.25	99.36
11.00	0.120	0.09	99.45
12.00	0.738	0.55	100.00

POST ANALYTICAL WEIGHT 134.958

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD TETRAH. CLASS GROUP	
	SAND	SILT	CLAY			
66.52	31.07	1.32	1.09	40.49	1	9

CRUISE DC014 STATION 039 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.70A*	-2.88A	-2.34A	-2.07A	-1.44A	-0.75A	-0.29A	1.53A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
4.192	2.713	1.686	1.577	0.198	0.980

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.44	-1.31	1.03	0.12	0.75	1.15

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.36	1.18	4	0.24	4	1.37	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
-1.14	1.86	3.49	20.68

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 039 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-16.8N LONG 124-22.6W WATER DEPTH 35 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-5.00	0.000	0.00	0.00
-4.00	25.540	13.30	13.30
-3.00	30.880	16.08	29.38
-2.00	33.980	17.69	47.07
-1.75	11.190	5.83	52.90
-1.50	10.540	5.49	58.39
-1.25	7.410	3.86	62.25
-1.00	11.170	5.82	68.06
-0.75	11.250	5.86	73.92
-0.50	7.270	3.79	77.71
-0.25	6.560	3.42	81.12
0.00	4.260	2.22	83.34
0.25	3.670	1.91	85.25
0.50	2.460	1.28	86.53
0.75	2.760	1.44	87.97
1.00	1.780	0.93	88.90
1.25	2.640	1.37	90.27
1.50	1.600	0.83	91.10
1.75	1.780	0.93	92.03
2.00	1.740	0.91	92.94
2.25	1.200	0.62	93.56
2.50	1.290	0.67	94.23
2.75	1.850	0.96	95.20
3.00	1.530	0.80	95.99
3.25	1.340	0.70	96.69
3.50	1.250	0.65	97.34
3.75	1.750	0.91	98.25
4.00	0.790	0.41	98.66
5.00	1.675	0.87	99.54
6.00	0.250	0.13	99.67
7.00	0.120	0.06	99.73
8.00	0.135	0.07	99.80
9.00	0.170	0.09	99.89
10.00	0.215	0.11	100.00

POST ANALYTICAL WEIGHT 192.045

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
68.06	30.60	1.14	0.20	73.63	1	9

CRUISE OC014 STATION 039 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-4.92A*	-4.61A*	-3.86A	-3.28A	-1.87A	-0.68A	0.08A	2.70A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
9.739	3.667	1.607	2.462	0.391	1.079

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.87	-1.89	1.97	-0.01	0.47	0.86

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.88	2.09	5	0.12	4	1.15	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.68	2.14	1.02	4.60

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 040 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-17.6N LONG 124-21.7W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-5.00	0.000	0.00	0.00
-4.00	20.040	15.20	15.20
-3.00	11.980	9.09	24.29
-2.00	28.480	21.61	45.90
-1.75	7.960	6.04	51.94
-1.50	8.100	6.15	58.08
-1.25	6.760	5.13	63.21
-1.00	7.480	5.67	68.89
-0.75	8.600	6.52	75.41
-0.50	7.440	5.64	81.05
-0.25	6.410	4.86	85.92
0.00	4.480	3.40	89.32
0.25	3.200	2.43	91.74
0.50	1.370	1.04	92.78
0.75	0.800	0.61	93.39
1.00	0.310	0.24	93.63
1.25	0.380	0.29	93.91
1.50	0.260	0.20	94.11
1.75	0.280	0.21	94.32
2.00	0.300	0.23	94.55
2.25	0.330	0.25	94.80
2.50	0.440	0.33	95.13
2.75	0.700	0.53	95.67
3.00	0.530	0.40	96.07
3.25	0.680	0.52	96.58
3.50	0.560	0.42	97.01
3.75	0.780	0.59	97.60
4.00	0.220	0.17	97.77
5.00	1.720	1.30	99.07
6.00	0.375	0.28	99.36
7.00	0.110	0.08	99.44
8.00	0.175	0.13	99.57
9.00	0.020	0.02	99.59
10.00	0.200	0.15	99.74
11.00	0.040	0.03	99.77
12.00	0.303	0.23	100.00

POST ANALYTICAL WEIGHT 131.813

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD TETRAH. CLASS GROUP	
	SAND	SILT	CLAY			
68.89	28.88	1.81	0.42	43.84	1	9

CRUISE OC014 STATION 040 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-4.96A*	-4.76A*	-3.87A	-2.95A	-1.83A	-0.77A	-0.36A	2.41A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
7.725	3.554	1.700	2.131	0.329	1.020

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.83	-2.11	1.76	-0.16	0.37	1.04

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-2.02	1.97	4	0.01	3	1.35	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.75	2.10	1.62	9.06

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 040 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-17.6N LONG 124-21.7W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.230	0.38	0.38
1.50	0.030	0.05	0.44
1.75	0.090	0.15	0.59
2.00	0.240	0.40	0.99
2.25	0.680	1.14	2.13
2.50	1.760	2.95	5.07
2.75	5.860	9.81	14.88
3.00	8.360	13.99	28.87
3.25	11.070	18.53	47.40
3.50	7.780	13.02	60.42
3.75	8.750	14.64	75.06
4.00	3.660	6.13	81.19
5.00	9.160	15.33	96.52
6.00	0.525	0.88	97.40
7.00	0.280	0.47	97.87
8.00	0.000	0.00	97.87
9.00	0.235	0.39	98.26
10.00	0.185	0.31	98.57
11.00	0.185	0.31	98.88
12.00	0.670	1.12	100.00

POST ANALYTICAL WEIGHT 59.750

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	81.19	16.68	2.13	4.32	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.01A	2.50A	2.77A	2.94A	3.30A	3.75A	4.12L	4.82L

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.130	0.102	0.074	1.324	0.122	0.969

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.30	3.44	0.67	0.22	0.53	0.73

CRUISE DC014 STATION 040 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.40	0.69	3	0.26	4	1.17	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.55	1.25	3.96	23.92

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 041 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-18.4N LONG 124-20.5W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	1.420	1.10	1.10
-2.00	20.820	16.09	17.19
-1.75	16.750	12.94	30.13
-1.50	17.060	13.18	43.31
-1.25	14.180	10.96	54.27
-1.00	14.700	11.36	65.63
-0.75	13.200	10.20	75.83
-0.50	9.700	7.50	83.33
-0.25	6.180	4.78	88.10
0.00	3.320	2.57	90.67
0.25	1.680	1.30	91.96
0.50	0.410	0.32	92.28
0.75	0.220	0.17	92.45
1.00	0.110	0.09	92.54
1.25	0.180	0.14	92.68
1.50	0.200	0.15	92.83
1.75	0.410	0.32	93.15
2.00	0.680	0.53	93.67
2.25	0.680	0.53	94.20
2.50	0.660	0.51	94.71
2.75	0.760	0.59	95.30
3.00	0.720	0.56	95.85
3.25	0.800	0.62	96.47
3.50	0.480	0.37	96.84
3.75	0.600	0.46	97.30
4.00	0.190	0.15	97.45
5.00	1.700	1.31	98.77
6.00	0.495	0.38	99.15
7.00	0.140	0.11	99.26
8.00	0.180	0.14	99.39
9.00	0.155	0.12	99.51
10.00	0.110	0.09	99.60
11.00	0.005	0.00	99.60
12.00	0.513	0.40	100.00

POST ANALYTICAL WEIGHT 129.408

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD TETRAH. CLASS	GROUP
65.63	31.82	1.94	0.61	38.22	1	9

CRUISE OC014 STATION 041 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.08A*	-2.42A	-2.03A	-1.84A	-1.35A	-0.77A	-0.47A	2.63A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
3.591	2.547	1.709	1.450	0.161	0.973

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.35	-1.25	0.78	0.13	1.87	2.25

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.28	1.15	4	0.35	5	1.93	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.04	1.70	3.36	19.37

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 041 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-18.4N LONG 124-20.5W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	2.390	1.62	1.62
-2.00	84.010	56.89	58.51
-1.75	18.950	12.83	71.34
-1.50	15.230	10.31	81.65
-1.25	9.580	6.49	88.14
-1.00	6.900	4.67	92.81
-0.75	4.530	3.07	95.88
-0.50	2.250	1.52	97.40
-0.25	0.920	0.62	98.02
0.00	0.350	0.24	98.26
0.25	0.240	0.16	98.42
0.50	0.150	0.10	98.53
0.75	0.100	0.07	98.59
1.00	0.040	0.03	98.62
1.25	0.040	0.03	98.65
1.50	0.040	0.03	98.67
1.75	0.090	0.06	98.74
2.00	0.100	0.07	98.80
2.25	0.110	0.07	98.88
2.50	0.100	0.07	98.95
2.75	0.100	0.07	99.01
3.00	0.090	0.06	99.07
3.25	0.130	0.09	99.16
3.50	0.090	0.06	99.22
3.75	0.110	0.07	99.30
4.00	0.030	0.02	99.32
5.00	0.360	0.24	99.56
6.00	0.155	0.10	99.67
7.00	0.493	0.33	100.00

POST ANALYTICAL WEIGHT 147.678

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
92.81	6.51	0.68	0.00	146.06	1	6

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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-3.38A*	-2.94A	-2.51L	-2.56A	-2.15A	-1.67A	-1.42A	-0.84A
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CRUISE OC014 STATION 041 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
5.900	4.431	3.185	1.361	0.134	0.978

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-2.15	-1.96	0.55	0.33	0.47	0.92

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-2.03	0.59	3	0.29	4	0.97	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-2.01	0.96	4.53	34.44

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 042 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-19.1N LONG 124-19.5W WATER DEPTH 17 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.510	0.46	0.46
1.50	0.390	0.35	0.81
1.75	1.000	0.90	1.70
2.00	1.810	1.62	3.32
2.25	2.290	2.05	5.37
2.50	4.030	3.61	8.98
2.75	12.900	11.55	20.53
3.00	51.440	46.06	66.59
3.25	24.050	21.53	88.12
3.50	8.230	7.37	95.49
3.75	4.020	3.60	99.09
4.00	0.470	0.42	99.51
5.00	0.385	0.34	99.86
6.00	0.158	0.14	100.00

POST ANALYTICAL WEIGHT 111.683

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	99.51	0.49	-0.00	203.08	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.58A	2.21A	2.69A	2.80A	2.93A	3.07A	3.18A	3.48A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.144	0.131	0.119	1.099	0.041	0.997

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.93	2.94	0.25	0.03	-0.35	1.62

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.93	0.31	1	-0.05	3	1.90	5

CRUISE OC014 STATION 042 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
2.90	0.39	-0.42	9.34

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 042 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-19.1N LONG 124-19.5W WATER DEPTH 17 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.270	0.31	0.31
1.50	0.230	0.26	0.57
1.75	0.790	0.90	1.46
2.00	1.540	1.75	3.21
2.25	1.900	2.15	5.36
2.50	2.700	3.06	8.42
2.75	11.700	13.26	21.68
3.00	36.770	41.68	63.36
3.25	19.950	22.61	85.98
3.50	6.710	7.61	93.58
3.75	3.740	4.24	97.82
4.00	0.610	0.69	98.52
5.00	0.130	0.15	98.66
6.00	0.060	0.07	98.73
7.00	0.045	0.05	98.78
8.00	0.055	0.06	98.84
9.00	0.035	0.04	98.88
10.00	0.985	1.12	100.00

POST ANALYTICAL WEIGHT 88.220

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.52	0.33	1.15	66.57	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.66A	2.21A	2.71A	2.78A	2.93A	3.09A	3.21A	3.52A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.145	0.131	0.117	1.114	0.047	0.994

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.93	2.96	0.25	0.12	-0.24	1.60

CRUISE OC014 STATION 042 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.95	0.32	1	0.02	3	1.72	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.99	0.81	5.93	48.55

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 043 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-19.6N LONG 124-18.6W WATER DEPTH 9 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.05	0.05
1.50	0.030	0.04	0.09
1.75	0.130	0.17	0.27
2.00	0.300	0.40	0.67
2.25	0.720	0.96	1.63
2.50	1.410	1.88	3.51
2.75	5.710	7.61	11.12
3.00	31.620	42.15	53.27
3.25	17.800	23.73	77.00
3.50	3.460	4.61	81.62
3.75	1.120	1.49	83.11
4.00	0.210	0.28	83.39
5.00	8.845	11.79	95.18
6.00	1.580	2.11	97.29
7.00	0.690	0.92	98.21
8.00	0.390	0.52	98.73
9.00	0.300	0.40	99.13
10.00	0.220	0.29	99.42
11.00	0.070	0.09	99.51
12.00	0.365	0.49	100.00

POST ANALYTICAL-WEIGHT 75.010

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	83.39	15.34	1.27	5.02	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.11A	2.59A	2.81A	2.87A	2.98A	3.18A	4.04L	4.97L

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.137	0.127	0.111	1.114	0.047	0.973

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.43	0.62	0.72	1.31	0.94

CRUISE OC014 STATION 043 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.28	0.67	3	0.69	5	3.13	6

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.32	1.10	3.86	23.29

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 043 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-19.6N LONG 124-18.6W WATER DEPTH 9 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.08	0.08
1.50	0.040	0.04	0.11
1.75	0.120	0.11	0.23
2.00	0.170	0.16	0.39
2.25	0.430	0.41	0.80
2.50	0.960	0.91	1.71
2.75	7.760	7.35	9.06
3.00	56.970	53.98	63.04
3.25	27.730	26.27	89.31
3.50	6.850	6.49	95.80
3.75	2.330	2.21	98.01
4.00	0.310	0.29	98.30
5.00	0.555	0.53	98.83
6.00	0.155	0.15	98.97
7.00	0.155	0.15	99.12
8.00	0.928	0.88	100.00

POST ANALYTICAL WEIGHT 105.543

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.30	1.70	0.00	57.82	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.33A	2.71A	2.82A	2.86A	2.95A	3.07A	3.16A	3.45A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.138	0.130	0.119	1.074	0.031	0.988	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.95	2.99	0.17	0.22	0.75	1.16

FOLK AND WARD VALUES							
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE	
2.98	0.20	1	0.29	4	1.47	4	

CRUISE OC014 STATION 043 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.02	0.52	6.12	51.52

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 044 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-20.0N LONG 124-20.1W WATER DEPTH 17 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.020	0.02	0.04
1.75	0.090	0.09	0.13
2.00	0.160	0.16	0.29
2.25	0.370	0.37	0.66
2.50	1.020	1.02	1.69
2.75	6.790	6.82	8.51
3.00	52.380	52.60	61.11
3.25	27.030	27.14	88.25
3.50	7.550	7.58	95.83
3.75	2.240	2.25	98.08
4.00	0.310	0.31	98.40
5.00	0.510	0.51	98.91
6.00	0.065	0.07	98.97
7.00	0.150	0.15	99.12
8.00	0.873	0.88	100.00

POST ANALYTICAL WEIGHT 99.578

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.40	1.60	0.00	61.50	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.37A	2.69A	2.82A	2.87A	2.96A	3.09A	3.18A	3.45A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.137	0.129	0.118	1.079	0.033	0.984

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.00	0.18	0.26	0.64	1.11

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.99	0.20	1	0.28	4	1.42	4

CRUISE OC014 STATION 044 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.03	0.52	6.28	53.43

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 044 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-20.0N LONG 124-20.1W WATER DEPTH 17 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.020	0.03	0.03
0.00	0.030	0.04	0.06
0.25	0.100	0.13	0.19
0.50	0.040	0.05	0.24
0.75	0.050	0.06	0.31
1.00	0.100	0.13	0.44
1.25	0.100	0.13	0.56
1.50	0.100	0.13	0.69
1.75	0.140	0.18	0.87
2.00	0.160	0.20	1.08
2.25	0.200	0.26	1.33
2.50	0.360	0.46	1.79
2.75	3.900	5.00	6.79
3.00	35.390	45.34	52.13
3.25	21.960	28.14	80.27
3.50	9.150	11.72	91.99
3.75	3.880	4.97	96.96
4.00	0.740	0.95	97.91
5.00	0.635	0.81	98.73
6.00	0.050	0.06	98.79
7.00	0.055	0.07	98.86
8.00	0.130	0.17	99.03
9.00	0.760	0.97	100.00

POST ANALYTICAL WEIGHT 78.050

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.91	1.11	0.98	46.85	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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1.91A	2.69L	2.86A	2.90A	2.99A	3.18A	3.31A	3.57A
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TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.134	0.126	0.110	1.104	0.043	0.965

CRUISE OC014 STATION 044 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.99	3.09	0.22	0.41	0.60	0.94

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.25	1	0.36	5	1.26	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.68	5.21	44.50

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 045 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-20.2N LONG 124-21.2W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.290	0.26	0.26
1.50	0.270	0.25	0.51
1.75	0.880	0.80	1.31
2.00	1.970	1.79	3.10
2.25	3.120	2.84	5.95
2.50	4.740	4.32	10.26
2.75	8.200	7.47	17.73
3.00	41.360	37.66	55.38
3.25	27.730	25.25	80.63
3.50	11.810	10.75	91.38
3.75	6.280	5.72	97.10
4.00	0.880	0.80	97.90
5.00	1.270	1.16	99.05
6.00	0.085	0.08	99.13
7.00	0.000	0.00	99.13
8.00	0.015	0.01	99.15
9.00	0.938	0.85	100.00

POST ANALYTICAL WEIGHT 109.838

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.90	1.25	0.85	46.62	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.68A	2.18A	2.70A	2.86A	2.98A	3.17A	3.31A	3.54A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.138	0.127	0.111	1.116	0.048	0.977

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.00	0.31	0.09	-0.41	1.24

CRUISE 0C014 STATION 045 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.00	0.36	2	-0.05	3	1.76	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.01	0.67	4.61	40.01

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 045 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-20.2N LONG 124-21.2W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.020	0.02	0.02
0.00	0.010	0.01	0.03
0.25	0.030	0.03	0.06
0.50	0.020	0.02	0.08
0.75	0.060	0.06	0.14
1.00	0.110	0.11	0.26
1.25	0.200	0.21	0.46
1.50	0.300	0.31	0.77
1.75	0.810	0.84	1.61
2.00	1.990	2.05	3.67
2.25	3.000	3.10	6.76
2.50	4.770	4.93	11.69
2.75	9.880	10.20	21.89
3.00	37.530	38.75	60.64
3.25	19.950	20.60	81.24
3.50	10.290	10.62	91.86
3.75	5.690	5.88	97.74
4.00	1.110	1.15	98.88
5.00	0.700	0.72	99.61
6.00	0.135	0.14	99.75
7.00	0.095	0.10	99.85
8.00	0.015	0.02	99.86
9.00	0.080	0.08	99.94
10.00	0.055	0.06	100.00

POST ANALYTICAL WEIGHT 96.850

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	98.88	0.98	0.14	88.29	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.60A	2.12A	2.63A	2.79A	2.95A	3.16A	3.30A	3.58A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.145	0.130	0.112	1.136	0.055	0.981

CRUISE OC014 STATION 045 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.95	2.97	0.34	0.06	-0.28	1.17

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.96	0.39	2	-0.03	3	1.63	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.94	0.52	2.19	32.34

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 048 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-21.8N LONG 124-28.3W WATER DEPTH 38 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	8.400	6.66	6.66
-2.00	28.520	22.61	29.27
-1.75	23.280	18.46	47.73
-1.50	21.240	16.84	64.57
-1.25	12.380	9.82	74.39
-1.00	8.970	7.11	81.50
-0.75	8.000	6.34	87.84
-0.50	3.490	2.77	90.61
-0.25	1.700	1.35	91.96
0.00	0.850	0.67	92.63
0.25	0.630	0.50	93.13
0.50	0.470	0.37	93.50
0.75	0.540	0.43	93.93
1.00	0.370	0.29	94.23
1.25	0.360	0.29	94.51
1.50	0.250	0.20	94.71
1.75	0.280	0.22	94.93
2.00	0.250	0.20	95.13
2.25	0.200	0.16	95.29
2.50	0.260	0.21	95.49
2.75	0.520	0.41	95.91
3.00	0.580	0.46	96.37
3.25	0.410	0.33	96.69
3.50	0.280	0.22	96.91
3.75	0.550	0.44	97.35
4.00	0.200	0.16	97.51
5.00	1.935	1.53	99.04
6.00	0.330	0.26	99.30
7.00	0.130	0.10	99.41
8.00	0.135	0.11	99.51
9.00	0.045	0.04	99.55
10.00	0.125	0.10	99.65
11.00	0.070	0.06	99.70
12.00	0.373	0.30	100.00

POST ANALYTICAL WEIGHT 126.123

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
81.50	16.01	2.01	0.48	39.16	1	6

CRUISE OC014 STATION 048 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1 5 16 25 50 75 84 95

-3.83A* -3.22A* -2.33A -2.08A -1.72A -1.23A -0.92A 1.83A

TRASK VALUES

Q1 Q2 Q3 S0 LOG S0 SKG

4.228 3.299 2.347 1.342 0.128 0.955

INMAN VALUES

MEDIAN MEAN DEV. SKEW. 2ND SK. KURT.

-1.72 -1.63 0.71 0.13 1.46 2.58

FOLK AND WARD VALUES

MEAN DEV. TYPE SKEW. TYPE KURT. TYPE

-1.66 1.12 4 0.27 4 2.44 5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN ST.DEV. SKEW. KURT.

-1.47 1.68 3.47 20.56

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 049 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-23.5N LONG 124-32.6W WATER DEPTH 55 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	11.500	8.60	8.60
-2.00	42.580	31.83	40.43
-1.75	11.830	8.84	49.28
-1.50	11.330	8.47	57.75
-1.25	8.530	6.38	64.13
-1.00	7.920	5.92	70.05
-0.75	7.170	5.36	75.41
-0.50	4.440	3.32	78.73
-0.25	2.940	2.20	80.93
0.00	2.020	1.51	82.44
0.25	1.900	1.42	83.86
0.50	1.060	0.79	84.65
0.75	0.970	0.73	85.37
1.00	0.500	0.37	85.75
1.25	0.580	0.43	86.18
1.50	0.440	0.33	86.51
1.75	0.950	0.71	87.22
2.00	1.620	1.21	88.43
2.25	1.540	1.15	89.58
2.50	2.170	1.62	91.21
2.75	3.230	2.41	93.62
3.00	2.120	1.59	95.21
3.25	1.090	0.81	96.02
3.50	0.580	0.43	96.45
3.75	0.480	0.36	96.81
4.00	0.300	0.22	97.04
5.00	2.285	1.71	98.75
6.00	0.420	0.31	99.06
7.00	0.260	0.19	99.25
8.00	0.245	0.18	99.44
9.00	0.160	0.12	99.56
10.00	0.250	0.19	99.74
11.00	0.085	0.06	99.81
12.00	0.258	0.19	100.00

POST ANALYTICAL WEIGHT 133.753

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD TETRAH.	
	SAND	SILT	CLAY	RATIO	CLASS	GROUP
70.05	26.99	2.40	0.56	32.78	1	9

CRUISE OC014 STATION 049 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.87A*	-3.38A*	-2.72A	-2.44A	-1.73A	-0.77A	0.29A	2.96A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
5.429	3.318	1.710	1.782	0.251	0.918

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.73	-1.21	1.51	0.34	1.01	1.10

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.39	1.71	4	0.41	5	1.56	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.17	2.10	1.99	8.40

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 049 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47=23.5N LONG 124=32.6W WATER DEPTH 55 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	24.230	17.00	17.00
-2.00	56.220	39.43	56.43
-1.75	6.080	4.26	60.70
-1.50	5.250	3.68	64.38
-1.25	5.550	3.89	68.27
-1.00	4.470	3.14	71.41
-0.75	4.240	2.97	74.38
-0.50	2.680	1.88	76.26
-0.25	2.280	1.60	77.86
0.00	1.840	1.29	79.15
0.25	1.560	1.09	80.24
0.50	1.010	0.71	80.95
0.75	0.900	0.63	81.58
1.00	0.420	0.29	81.88
1.25	0.520	0.36	82.24
1.50	0.420	0.29	82.54
1.75	0.920	0.65	83.18
2.00	1.510	1.06	84.24
2.25	1.480	1.04	85.28
2.50	2.200	1.54	86.82
2.75	3.300	2.31	89.14
3.00	2.170	1.52	90.66
3.25	1.110	0.78	91.44
3.50	0.600	0.42	91.86
3.75	0.990	0.69	92.55
4.00	0.340	0.24	92.79
5.00	3.155	2.21	95.01
6.00	1.415	0.99	96.00
7.00	1.315	0.92	96.92
8.00	1.185	0.83	97.75
9.00	0.880	0.62	98.37
10.00	0.675	0.47	98.84
11.00	0.635	0.45	99.29
12.00	1.015	0.71	100.00

POST ANALYTICAL WEIGHT 142.565

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS	TETRAH. GROUP
71.41	21.39	4.96	2.24	12.89	1	9

CRUISE OC014 STATION 049 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.93A*	-3.67A*	-3.05A*	-2.75L	-2.31A	-0.67A	1.95A	5.00A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
6.722	4.964	1.596	2.053	0.312	0.660

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-2.31	-0.55	2.50	0.70	1.19	0.73

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.14	2.56	5	0.70	5	1.71	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
-1.07	2.91	2.03	7.16

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 050 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-24.3N LONG 124-30.2W WATER DEPTH 37 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	8.540	5.79	5.79
-2.00	50.720	34.41	40.20
-1.75	8.980	6.09	46.29
-1.50	12.620	8.56	54.86
-1.25	10.130	6.87	61.73
-1.00	9.690	6.57	68.30
-0.75	10.420	7.07	75.37
-0.50	6.800	4.61	79.98
-0.25	5.150	3.49	83.48
0.00	3.370	2.29	85.76
0.25	2.690	1.82	87.59
0.50	1.400	0.95	88.54
0.75	1.030	0.70	89.24
1.00	0.490	0.33	89.57
1.25	0.630	0.43	90.00
1.50	0.440	0.30	90.30
1.75	0.600	0.41	90.70
2.00	0.720	0.49	91.19
2.25	0.890	0.60	91.80
2.50	1.300	0.88	92.68
2.75	2.380	1.61	94.29
3.00	1.960	1.33	95.62
3.25	1.110	0.75	96.38
3.50	0.430	0.29	96.67
3.75	0.520	0.35	97.02
4.00	0.120	0.08	97.10
5.00	1.040	0.71	97.81
6.00	0.480	0.33	98.13
7.00	0.425	0.29	98.42
8.00	0.395	0.27	98.69
9.00	0.240	0.16	98.85
10.00	0.510	0.35	99.20
11.00	0.140	0.09	99.29
12.00	1.043	0.71	100.00

POST ANALYTICAL WEIGHT 147.403

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD TETRAH. CLASS	GROUP
68.30	28.80	1.59	1.31	33.48	1	9

CRUISE OC014 STATION 050 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
-3.81A*	-3.12A*	-2.56L	-2.32L	-1.64A	-0.77A	-0.20A	2.87A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
5.000	3.112	1.700	1.715	0.234	0.937

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
-1.64	-1.38	1.18	0.22	1.28	1.53

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
-1.47	1.50	4	0.36	5	1.58	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
-1.16	2.18	2.86	14.13

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 050 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-24.3N LONG 124-30.2W WATER DEPTH 37 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-4.00	0.000	0.00	0.00
-3.00	25.300	13.46	13.46
-2.00	47.820	25.45	38.91
-1.75	9.200	4.90	43.80
-1.50	11.000	5.85	49.66
-1.25	18.500	9.84	59.50
-1.00	14.500	7.72	67.22
-0.75	13.830	7.36	74.57
-0.50	10.500	5.59	80.16
-0.25	8.270	4.40	84.56
0.00	4.910	2.61	87.17
0.25	3.510	1.87	89.04
0.50	1.600	0.85	89.89
0.75	1.000	0.53	90.43
1.00	0.440	0.23	90.66
1.25	0.290	0.15	90.81
1.50	0.290	0.15	90.97
1.75	0.200	0.11	91.08
2.00	0.290	0.15	91.23
2.25	0.330	0.18	91.40
2.50	0.660	0.35	91.76
2.75	1.410	0.75	92.51
3.00	1.300	0.69	93.20
3.25	1.410	0.75	93.95
3.50	1.310	0.70	94.65
3.75	2.350	1.25	95.90
4.00	1.160	0.62	96.51
5.00	2.965	1.58	98.09
6.00	0.710	0.38	98.47
7.00	0.585	0.31	98.78
8.00	0.575	0.31	99.09
9.00	0.405	0.22	99.30
10.00	0.360	0.19	99.49
11.00	0.370	0.20	99.69
12.00	0.583	0.31	100.00

POST ANALYTICAL WEIGHT 187.933

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD TETRAH. CLASS	GROUP
67.22	29.30	2.57	0.91	27.74	1	9

CRUISE OC014 STATION 050 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

PHI SIZES AT PERCENT LEVELS OF

1 5 16 25 50 75 84 95

-3.91A* -3.59A* -2.87L -2.48L -1.49A -0.73A -0.29A 3.58A

TRASK VALUES

Q1 Q2 Q3 S0 LOG S0 SKG

5.568 2.807 1.662 1.830 0.262 1.084

INMAN VALUES

MEDIAN MEAN DEV. SKEW. 2ND SK. KURT.

-1.49 -1.58 1.29 -0.07 1.15 1.78

FOLK AND WARD VALUES

MEAN DEV. TYPE SKEW. TYPE KURT. TYPE

-1.55 1.73 4 0.17 4 1.69 5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN ST.DEV. SKEW. KURT.

-1.22 2.17 2.38 10.96

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 051 SAMPLER TYPE SS EX ID AAA
 DATE 07/23/67 LAT 47-25.6N LONG 124-28.0W WATER DEPTH 24 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.190	0.18	0.18
1.50	0.190	0.18	0.36
1.75	0.490	0.46	0.82
2.00	0.880	0.83	1.65
2.25	1.400	1.32	2.97
2.50	3.110	2.94	5.91
2.75	13.540	12.79	18.70
3.00	30.500	28.80	47.50
3.25	29.470	27.83	75.32
3.50	13.680	12.92	88.24
3.75	7.740	7.31	95.55
4.00	1.300	1.23	96.78
5.00	2.320	2.19	98.97
6.00	0.080	0.08	99.04
7.00	0.080	0.08	99.12
8.00	0.933	0.88	100.00

POST ANALYTICAL WEIGHT 105.903

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.78	3.22	0.00	30.06	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.82A	2.44A	2.72A	2.82A	3.02A	3.25A	3.40A	3.68A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.142	0.123	0.105	1.160	0.064	0.991

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.02	3.06	0.34	0.13	0.14	0.83

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.36	2	0.10	4	1.19	4

CRUISE OC014 STATION 051 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.08	.061	3.54	26.99

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 051 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-25.6N LONG 124-28.0W WATER DEPTH 24 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.220	0.23	0.23
1.50	0.180	0.18	0.41
1.75	0.420	0.43	0.84
2.00	1.380	1.42	2.26
2.25	1.410	1.45	3.71
2.50	3.210	3.30	7.01
2.75	15.180	15.60	22.60
3.00	25.020	25.71	48.31
3.25	27.580	28.34	76.65
3.50	12.220	12.56	89.20
3.75	6.770	6.96	96.16
4.00	1.070	1.10	97.26
5.00	1.630	1.67	98.93
6.00	0.065	0.07	99.00
7.00	0.055	0.06	99.06
8.00	0.918	0.94	100.00

POST ANALYTICAL WEIGHT 97.328

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.26	2.74	=0.00	35.50	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.79A	2.38A	2.69A	2.78A	3.01A	3.23A	3.38A	3.62A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.146	0.124	0.107	1.170	0.068	1.006

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.03	0.34	0.07	=0.04	0.82

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.03	0.36	2	0.02	3	1.13	4

CRUISE OC014 STATION 051 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.05	0.62	3.54	27.15

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 052 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-26.6N LONG 124-25.9W WATER DEPTH 21 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.200	0.18	0.18
1.50	0.320	0.28	0.46
1.75	0.990	0.88	1.34
2.00	1.700	1.51	2.85
2.25	2.090	1.85	4.70
2.50	2.930	2.60	7.30
2.75	7.210	6.40	13.69
3.00	48.110	42.67	56.37
3.25	28.880	25.62	81.98
3.50	10.180	9.03	91.01
3.75	5.420	4.81	95.82
4.00	1.060	0.94	96.76
5.00	2.355	2.09	98.85
6.00	0.085	0.08	98.92
7.00	0.200	0.18	99.10
8.00	1.013	0.90	100.00

POST ANALYTICAL WEIGHT 112.743

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.76	3.24	=0.00	29.86	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.68A	2.28A	2.80A	2.90A	2.98A	3.15A	3.29A	3.63A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.134	0.127	0.113	1.091	0.038	0.971	

INMAN VALUES						
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.	
2.98	3.04	0.24	0.25	=0.09	1.72	

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.33	1	0.11	4	2.21	5

CRUISE OC014 STATION 052 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.04	0.62	3.61	27.38

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 052 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-26.6N LONG 124-25.9W WATER DEPTH 21 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.060	0.06	0.06
1.50	0.130	0.14	0.20
1.75	0.480	0.50	0.70
2.00	0.980	1.03	1.73
2.25	1.380	1.45	3.18
2.50	2.160	2.27	5.45
2.75	6.100	6.41	11.85
3.00	36.440	38.26	50.12
3.25	28.300	29.72	79.83
3.50	9.210	9.67	89.50
3.75	5.000	5.25	94.75
4.00	1.020	1.07	95.82
5.00	2.755	2.89	98.72
6.00	0.135	0.14	98.86
7.00	0.050	0.05	98.91
8.00	1.038	1.09	100.00

POST ANALYTICAL WEIGHT 95.238

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	95.82	4.18	0.00	22.92	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.84A	2.46A	2.82A	2.90A	3.00A	3.18A	3.34A	3.80A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.134	0.125	0.110	1.101	0.042	0.971

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.00	3.08	0.26	0.31	0.51	1.59

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.33	1	0.25	4	1.97	5

CRUISE DC014 STATION 052 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.63	3.88	27.39

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 053 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-27.3N LONG 124-25.0W WATER DEPTH 18 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.04	0.04
1.50	0.120	0.14	0.18
1.75	0.380	0.45	0.62
2.00	0.870	1.02	1.65
2.25	1.350	1.59	3.23
2.50	1.950	2.29	5.52
2.75	4.420	5.20	10.72
3.00	34.850	40.96	51.69
3.25	26.480	31.13	82.81
3.50	7.890	9.27	92.09
3.75	3.850	4.53	96.61
4.00	0.670	0.79	97.40
5.00	1.485	1.75	99.14
6.00	0.070	0.08	99.23
7.00	0.015	0.02	99.24
8.00	0.643	0.76	100.00

POST ANALYTICAL WEIGHT 85.073

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.40	2.60	0.00	37.46	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.86A	2.45A	2.86A	2.94A	3.00A	3.15A	3.27A	3.55A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.131	0.125	0.113	1.077	0.032	0.969	

INMAN VALUES						
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.	
3.00	3.06	0.20	0.33	0.03	1.64	

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.04	0.27	1	0.17	4	2.11	5

CRUISE OC014 STATION 053 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.05	0.55	4.20	35.31

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 053 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-27.3N LONG 124-25.0W WATER DEPTH 18 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.140	0.14	0.14
1.50	0.120	0.12	0.26
1.75	0.200	0.20	0.45
2.00	0.380	0.38	0.83
2.25	0.620	0.61	1.44
2.50	1.120	1.11	2.55
2.75	4.230	4.17	6.72
3.00	42.560	42.01	48.73
3.25	31.380	30.97	79.70
3.50	10.390	10.25	89.95
3.75	5.280	5.21	95.17
4.00	0.980	0.97	96.13
5.00	2.805	2.77	98.90
6.00	0.130	0.13	99.03
7.00	0.050	0.05	99.08
8.00	0.005	0.00	99.08
9.00	0.020	0.02	99.10
10.00	0.908	0.90	100.00

POST ANALYTICAL WEIGHT 101.318

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.13	2.95	0.92	24.84	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.08A	2.70A	2.89A	2.93A	3.01A	3.19A	3.33A	3.72A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.131	0.125	0.110	1.091	0.038	0.963

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.11	0.22	0.48	0.91	1.30

CRUISE OC014 STATION 053 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.08	0.27	1	0.44	5	1.67	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.13	0.73	6.26	54.21

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 054 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-27.8N LONG 124-23.5W WATER DEPTH 17 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.110	0.12	0.12
1.50	0.030	0.03	0.15
1.75	0.110	0.12	0.27
2.00	0.260	0.28	0.55
2.25	0.500	0.54	1.09
2.50	0.990	1.06	2.15
2.75	5.090	5.47	7.63
3.00	45.990	49.47	57.09
3.25	25.090	26.99	84.08
3.50	7.110	7.65	91.73
3.75	3.390	3.65	95.37
4.00	0.680	0.73	96.10
5.00	2.445	2.63	98.73
6.00	0.220	0.24	98.97
7.00	0.060	0.06	99.03
8.00	0.005	0.01	99.04
9.00	0.893	0.96	100.00

POST ANALYTICAL WEIGHT 92.973

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.10	2.94	0.96	24.64	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.22A	2.70A	2.85A	2.89A	2.97A	3.12A	3.25A	3.67A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.135	0.127	0.115	1.080	0.033	0.978

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.97	3.05	0.20	0.38	1.05	1.43

CRUISE OC014 STATION 054 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.25	1	0.41	5	1.79	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.66	5.69	45.35

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 054 SAMPLER TYPE SS EX ID BBB
 DATE 07/23/67 LAT 47-27.8N LONG 124-23.5W WATER DEPTH 17 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.220	0.21	0.21
1.50	0.030	0.03	0.24
1.75	0.170	0.16	0.40
2.00	0.420	0.40	0.79
2.25	0.780	0.74	1.53
2.50	1.300	1.23	2.76
2.75	5.840	5.52	8.29
3.00	53.920	51.01	59.30
3.25	26.300	24.88	84.18
3.50	7.590	7.18	91.36
3.75	3.620	3.42	94.78
4.00	0.740	0.70	95.48
5.00	3.505	3.32	98.80
6.00	0.200	0.19	98.99
7.00	0.090	0.09	99.07
8.00	0.978	0.93	100.00

POST ANALYTICAL WEIGHT 105.703

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	95.48	4.52	0.00	21.12	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.09A	2.67A	2.85A	2.89A	2.96A	3.11A	3.25A	3.82A

TRASK VALUES					
Q1	Q2	Q3	S0	LOG S0	SKG
0.134	0.128	0.116	1.076	0.032	0.976

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.05	0.20	0.41	1.41	1.89

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.27	1	0.45	5	2.23	5

CRUISE OC014 STATION 054 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.07	0.59	4.38	31.45

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 055 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-28.6N LONG 124-22.7W WATER DEPTH 13 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.200	0.17	0.17
1.50	0.080	0.07	0.24
1.75	0.190	0.17	0.41
2.00	0.380	0.33	0.74
2.25	0.930	0.81	1.55
2.50	2.770	2.41	3.96
2.75	23.300	20.29	24.25
3.00	56.240	48.97	73.22
3.25	22.210	19.34	92.57
3.50	4.910	4.28	96.84
3.75	1.740	1.52	98.36
4.00	0.240	0.21	98.56
5.00	0.590	0.51	99.08
6.00	0.030	0.03	99.10
7.00	0.180	0.16	99.26
8.00	0.848	0.74	100.00

POST ANALYTICAL WEIGHT 114.838

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.56	1.44	0.00	68.44	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.11A	2.55A	2.72A	2.75A	2.87A	3.01A	3.08A	3.36A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.148	0.136	0.124	1.093	0.038	0.994

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.87	2.90	0.18	0.14	0.43	1.20

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.89	0.21	1	0.17	4	1.29	4

CRUISE OC014 STATION 055 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.93	0.51	5.86	52.59

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 055 SAMPLER TYPE SS EX ID BBB
 DATE 07/23/67 LAT 47-28.6N LONG 124-22.7W WATER DEPTH 13 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.130	0.11	0.11
1.50	0.040	0.04	0.15
1.75	0.120	0.11	0.26
2.00	0.240	0.21	0.47
2.25	0.600	0.53	1.00
2.50	1.820	1.61	2.61
2.75	24.000	21.20	23.81
3.00	55.490	49.03	72.84
3.25	21.610	19.09	91.93
3.50	5.430	4.80	96.73
3.75	1.750	1.55	98.27
4.00	0.220	0.19	98.47
5.00	0.680	0.60	99.07
6.00	0.000	0.00	99.07
7.00	0.035	0.03	99.10
8.00	0.070	0.06	99.16
9.00	0.950	0.84	100.00

POST ANALYTICAL WEIGHT 113.185

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.47	0.69	0.84	64.36	1

PHI SIZES AT PERCENT LEVELS OF

1 5 16 25 50 75 84 95

2.25A 2.62A 2.73A 2.76A 2.87A 3.01A 3.10A 3.37A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.148	0.137	0.124	1.094	0.039	0.990

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.87	2.91	0.19	0.25	0.68	1.06

CRUISE OC014 STATION 055 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.90	0.20	1	0.29	4	1.19	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
2.95	0.60	7.12	65.85

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 056 SAMPLER TYPE SS EX ID AAA
 DATE 07/23/67 LAT 47-29.2N LONG 124-21.7W WATER DEPTH 6 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.040	0.04	0.07
1.75	0.100	0.10	0.16
2.00	0.180	0.17	0.34
2.25	0.520	0.50	0.83
2.50	3.070	2.94	3.78
2.75	15.100	14.47	18.25
3.00	55.210	52.92	71.17
3.25	23.100	22.14	93.31
3.50	4.300	4.12	97.43
3.75	1.170	1.12	98.55
4.00	0.150	0.14	98.70
5.00	0.400	0.38	99.08
6.00	0.020	0.02	99.10
7.00	0.000	0.00	99.10
8.00	0.938	0.90	100.00

POST ANALYTICAL WEIGHT 104.328

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.70	1.30	0.00	75.92	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.29A	2.55A	2.73A	2.80A	2.91A	3.02A	3.08A	3.31A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.144	0.133	0.123	1.080	0.034	0.999

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.91	2.91	0.18	0.00	0.11	1.16

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.91	0.20	1	0.03	3	1.40	4

CRUISE OC014 STATION 056 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.95	0.50	6.65	60.46

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 056 SAMPLER TYPE SS EX ID BBB
 DATE 07/23/67 LAT 47-29.2N LONG 124-21.7W WATER DEPTH 6 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.08	0.08
1.50	0.070	0.07	0.15
1.75	0.100	0.10	0.25
2.00	0.100	0.10	0.35
2.25	0.210	0.21	0.56
2.50	1.510	1.50	2.05
2.75	19.280	19.12	21.18
3.00	53.310	52.88	74.06
3.25	19.220	19.07	93.12
3.50	4.030	4.00	97.12
3.75	1.290	1.28	98.40
4.00	0.200	0.20	98.60
5.00	0.550	0.55	99.14
6.00	0.035	0.03	99.18
7.00	0.828	0.82	100.00

POST ANALYTICAL WEIGHT 100.813

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.60	1.40	=0.00	70.43	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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2.44A	2.62A	2.73A	2.77A	2.87A	3.00A	3.07A	3.33A
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TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.147	0.136	0.125	1.085	0.035	0.991

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.87	2.90	0.17	0.16	0.59	1.05

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.89	0.19	1	0.22	4	1.22	4

CRUISE DC014 STATION 056 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.93	0.42	5.29	45.41

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 057 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47=29.6N LONG 124=23.2W WATER DEPTH 13 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.100	0.10	0.10
1.50	0.090	0.09	0.19
1.75	0.140	0.14	0.33
2.00	0.200	0.20	0.52
2.25	0.520	0.51	1.03
2.50	1.530	1.51	2.54
2.75	16.810	16.57	19.11
3.00	52.440	51.68	70.79
3.25	21.230	20.92	91.71
3.50	5.100	5.03	96.74
3.75	1.610	1.59	98.33
4.00	0.220	0.22	98.54
5.00	0.550	0.54	99.09
6.00	0.085	0.08	99.17
7.00	0.045	0.04	99.21
8.00	0.798	0.79	100.00

POST ANALYTICAL WEIGHT 101.468

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	98.54	1.46	0.00	67.49	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.24A	2.63A	2.74A	2.78A	2.89A	3.03A	3.11A	3.37A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.145	0.135	0.123	1.088	0.037	0.992

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.89	2.93	0.19	0.18	0.59	1.04

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.91	0.20	1	0.23	4	1.25	4

CRUISE OC014 STATION 057 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.96	0.50	6.18	56.19

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 057 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-29.6N LONG 124-23.2W WATER DEPTH 13 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.050	0.05	0.05
1.50	0.030	0.03	0.08
1.75	0.120	0.12	0.20
2.00	0.190	0.19	0.38
2.25	0.470	0.46	0.85
2.50	1.900	1.87	2.72
2.75	15.990	15.74	18.46
3.00	52.370	51.55	70.01
3.25	21.860	21.52	91.53
3.50	5.120	5.04	96.57
3.75	1.680	1.65	98.23
4.00	0.200	0.20	98.42
5.00	0.210	0.21	98.63
6.00	0.530	0.52	99.15
7.00	0.045	0.04	99.19
8.00	0.000	0.00	99.19
9.00	0.818	0.81	100.00

POST ANALYTICAL WEIGHT 101.583

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.42	0.77	0.81	62.29	1

PHI SIZES AT PERCENT LEVELS OF

1 5 16 25 50 75 84 95

2.29A 2.60A 2.74A 2.79A 2.90A 3.03A 3.11A 3.38A

TRASK VALUES

Q1 Q2 Q3 S0 LOG S0 SKG

0.145 0.134 0.122 1.087 0.036 0.993

INMAN VALUES

MEDIAN MEAN DEV. SKEW. 2ND SK. KURT.

2.90 2.93 0.19 0.13 0.50 1.10

CRUISE OC014 STATION 057 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.92	0.21	1	0.18	4	1.33	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.98	0.59	6.96	63.02

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 058 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-29.8N LONG 124-24.8W WATER DEPTH 18 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.010	0.01	0.03
1.75	0.100	0.10	0.13
2.00	0.210	0.21	0.35
2.25	0.500	0.51	0.86
2.50	1.030	1.05	1.90
2.75	6.550	6.67	8.57
3.00	48.120	49.00	57.57
3.25	27.330	27.83	85.40
3.50	7.390	7.53	92.93
3.75	2.960	3.01	95.94
4.00	0.520	0.53	96.47
5.00	2.275	2.32	98.79
6.00	0.140	0.14	98.93
7.00	0.055	0.06	98.99
8.00	0.115	0.12	99.11
9.00	0.878	0.89	100.00

POST ANALYTICAL WEIGHT 98.203

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.47	2.63	0.90	27.33	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.30A	2.69A	2.83A	2.88A	2.97A	3.11A	3.22A	3.54A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.136	0.128	0.116	1.083	0.035	0.984

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.97	3.03	0.19	0.29	0.74	1.13

CRUISE OC014 STATION 058 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.01	0.23	1	0.32	5	1.51	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.08	0.65	6.00	48.35

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 058 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-29.8N LONG 124-24.8W WATER DEPTH 18 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.130	0.13	0.13
1.50	0.080	0.08	0.21
1.75	0.120	0.12	0.33
2.00	0.200	0.20	0.53
2.25	0.490	0.49	1.03
2.50	1.380	1.39	2.41
2.75	7.520	7.57	9.98
3.00	51.490	51.81	61.79
3.25	25.360	25.52	87.31
3.50	6.850	6.89	94.20
3.75	2.530	2.55	96.75
4.00	0.440	0.44	97.19
5.00	1.875	1.89	99.08
6.00	0.155	0.16	99.23
7.00	0.085	0.09	99.32
8.00	0.678	0.68	100.00

POST ANALYTICAL WEIGHT 99.383

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.19	2.81	0.00	34.59	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.24A	2.65A	2.81A	2.86A	2.95A	3.08A	3.19A	3.57L

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.137	0.129	0.118	1.079	0.033	0.986

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.95	3.00	0.19	0.26	0.85	1.43

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.98	0.23	1	0.30	5	1.71	5

CRUISE OC014 STATION 058 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.03	0.52	5.13	42.84

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 059 SAMPLER TYPE SS EX ID AAA
 DATE 07/23/67 LAT 47-29.9N LONG 124-26.6W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.070	0.07	0.07
1.50	0.020	0.02	0.09
1.75	0.110	0.11	0.20
2.00	0.250	0.25	0.45
2.25	0.560	0.56	1.00
2.50	1.220	1.21	2.22
2.75	4.950	4.92	7.13
3.00	42.250	41.98	49.12
3.25	30.200	30.01	79.13
3.50	10.050	9.99	89.11
3.75	4.830	4.80	93.91
4.00	0.980	0.97	94.88
5.00	4.025	4.00	98.88
6.00	0.150	0.15	99.03
7.00	0.025	0.02	99.06
8.00	0.948	0.94	100.00

POST ANALYTICAL WEIGHT 100.638

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	94.88	5.12	-0.00	18.53	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.25A	2.69A	2.86A	2.91A	3.00A	3.19A	3.35A	4.01A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.133	0.125	0.110	1.101	0.042	0.968	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.00	3.10	0.24	0.42	1.43	1.73

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.07	0.32	1	0.47	5	1.94	5

CRUISE OC014 STATION 059 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.13	0.59	4.27	29.92

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 059 SAMPLER TYPE SS EX ID BBB
 DATE 07/23/67 LAT 47-29.9N LONG 124-26.6W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.140	0.17	0.17
1.50	0.100	0.12	0.29
1.75	0.210	0.25	0.53
2.00	0.230	0.27	0.81
2.25	0.410	0.49	1.29
2.50	0.910	1.08	2.38
2.75	4.420	5.25	7.62
3.00	33.010	39.21	46.83
3.25	28.250	33.55	80.38
3.50	8.350	9.92	90.30
3.75	3.900	4.63	94.93
4.00	0.800	0.95	95.88
5.00	2.810	3.34	99.22
6.00	0.010	0.01	99.23
7.00	0.070	0.08	99.31
8.00	0.000	0.00	99.31
9.00	0.045	0.05	99.37
10.00	0.533	0.63	100.00

POST ANALYTICAL WEIGHT 84.198

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	95.88	3.43	0.69	23.27	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.12A	2.69A	2.86A	2.92A	3.01A	3.18A	3.32A	3.77A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.132	0.124	0.111	1.095	0.039	0.976

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.09	0.23	0.34	0.95	1.35

CRUISE 0C014 STATION 059 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.06	0.28	1	0.37	5	1.68	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.12	0.66	6.22	58.57

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 060 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47=30.2N LONG 124=28.2W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.010	0.01	0.03
1.75	0.140	0.14	0.17
2.00	0.300	0.30	0.47
2.25	0.700	0.70	1.17
2.50	1.560	1.56	2.73
2.75	6.800	6.79	9.52
3.00	38.760	38.72	48.24
3.25	31.720	31.69	79.93
3.50	11.090	11.08	91.01
3.75	4.820	4.82	95.83
4.00	0.780	0.78	96.61
5.00	2.350	2.35	98.95
6.00	0.150	0.15	99.10
7.00	0.898	0.90	100.00

POST ANALYTICAL WEIGHT 100.098

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.61	3.39	0.00	28.50	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.21A	2.64A	2.83A	2.89A	3.01A	3.19A	3.32A	3.61A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.135	0.124	0.110	1.108	0.044	0.978

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.07	0.24	0.27	0.46	0.98

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.27	1	0.25	4	1.34	4

CRUISE OC014 STATION 060 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.49	3.50	23.50

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 060 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-30.2N LONG 124-28.2W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.030	0.03	0.04
1.75	0.140	0.15	0.19
2.00	0.400	0.42	0.61
2.25	0.890	0.93	1.54
2.50	1.920	2.01	3.55
2.75	7.770	8.13	11.67
3.00	40.100	41.94	53.61
3.25	28.300	29.60	83.20
3.50	9.400	9.83	93.03
3.75	4.060	4.25	97.28
4.00	0.540	0.56	97.84
5.00	1.235	1.29	99.13
6.00	0.080	0.08	99.22
7.00	0.000	0.00	99.22
8.00	0.040	0.04	99.26
9.00	0.708	0.74	100.00

POST ANALYTICAL WEIGHT 95.623

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.84	1.42	0.74	45.30	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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2.13A	2.58A	2.80A	2.87A	2.98A	3.15A	3.26A	3.59L
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TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.137	0.126	0.113	1.101	0.042	0.982

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.03	0.23	0.22	0.46	1.19

CRUISE DC014 STATION 060 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.01	0.27	1	0.21	4	1.48	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.06	0.59	6.21	57.01

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 061 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-31.3N LONG 124-31.0W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.020	0.02	0.03
0.25	0.080	0.07	0.10
0.50	0.030	0.03	0.13
0.75	0.080	0.07	0.20
1.00	0.140	0.13	0.33
1.25	0.410	0.37	0.70
1.50	0.600	0.54	1.24
1.75	0.950	0.86	2.09
2.00	1.000	0.90	3.00
2.25	1.280	1.16	4.15
2.50	2.210	2.00	6.15
2.75	15.810	14.28	20.43
3.00	34.560	31.21	51.63
3.25	32.510	29.36	80.99
3.50	10.110	9.13	90.12
3.75	7.040	6.36	96.48
4.00	1.180	1.07	97.54
5.00	1.760	1.59	99.13
6.00	0.070	0.06	99.19
7.00	0.893	0.81	100.00

POST ANALYTICAL WEIGHT 110.743

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.54	2.46	0.00	39.65	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.40A	2.38A	2.75A	2.80A	2.99A	3.17A	3.32A	3.61A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.144	0.126	0.111	1.137	0.056	1.005

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.99	3.03	0.28	0.16	0.01	1.16

CRUISE DC014 STATION 061 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES							
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE	
3.02	0.33	1	0.08	3	1.36	4	

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.01	0.55	1.59	17.12

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 061 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-31.3N LONG 124-31.0W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.25	0.000	0.00	0.00
0.00	0.060	0.05	0.05
0.25	0.020	0.02	0.07
0.50	0.030	0.03	0.09
0.75	0.100	0.09	0.18
1.00	0.180	0.15	0.34
1.25	0.570	0.49	0.83
1.50	0.680	0.59	1.41
1.75	1.080	0.93	2.34
2.00	1.140	0.98	3.32
2.25	1.730	1.49	4.81
2.50	4.920	4.23	9.05
2.75	13.820	11.89	20.94
3.00	45.180	38.88	59.82
3.25	24.560	21.14	80.96
3.50	10.120	8.71	89.67
3.75	7.710	6.64	96.31
4.00	1.380	1.19	97.49
5.00	1.755	1.51	99.00
6.00	0.185	0.16	99.16
7.00	0.973	0.84	100.00

POST ANALYTICAL WEIGHT 116.193

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.49	2.51	0.00	38.84	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.33A	2.27A	2.68A	2.79A	2.94A	3.15A	3.33A	3.63A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.144	0.130	0.112	1.133	0.054	0.979

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.94	3.00	0.32	0.19	0.03	1.11

CRUISE DC014 STATION 061 SAMPLER TYPE SS EX ID BBB
 (CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.98	0.37	2	0.10	4	1.54	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.98	0.57	1.61	15.89

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 062 SAMPLER TYPE SS EX ID AAA
 DATE 07/23/67 LAT 47-32.2N LONG 124-32.8W WATER DEPTH 44 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.500	0.48	0.48
1.50	0.560	0.54	1.02
1.75	1.070	1.03	2.05
2.00	1.220	1.17	3.22
2.25	1.390	1.33	4.55
2.50	2.850	2.74	7.29
2.75	18.770	18.03	25.31
3.00	44.340	42.58	67.89
3.25	19.950	19.16	87.05
3.50	6.010	5.77	92.82
3.75	3.100	2.98	95.80
4.00	0.490	0.47	96.27
5.00	2.750	2.64	98.91
6.00	0.145	0.14	99.05
7.00	0.015	0.01	99.07
8.00	0.015	0.01	99.08
9.00	0.080	0.08	99.16
10.00	0.020	0.02	99.18
11.00	0.858	0.82	100.00

POST ANALYTICAL WEIGHT 104.133

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.27	2.81	0.92	25.81	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
1.49A	2.31A	2.72A	2.75L	2.89A	3.05A	3.18A	3.54A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.149	0.135	0.120	1.112	0.046	0.992	

INMAN VALUES						
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.	
2.89	2.95	0.23	0.27	0.15	1.70	

CRUISE OC014 STATION 062 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.93	0.30	1	0.16	4	1.64	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.99	0.84	6.17	54.80

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 062 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-32.2N LONG 124-32.8W WATER DEPTH 44 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.020	0.02	0.02
0.00	0.030	0.03	0.05
0.25	0.100	0.09	0.14
0.50	0.100	0.09	0.23
0.75	0.220	0.20	0.43
1.00	0.280	0.26	0.69
1.25	0.450	0.42	1.11
1.50	0.610	0.56	1.67
1.75	1.280	1.18	2.86
2.00	1.490	1.38	4.24
2.25	1.670	1.54	5.78
2.50	3.310	3.06	8.84
2.75	21.680	20.05	28.89
3.00	46.040	42.58	71.47
3.25	19.530	18.06	89.53
3.50	5.780	5.35	94.87
3.75	3.000	2.77	97.65
4.00	0.460	0.43	98.07
5.00	0.730	0.68	98.75
6.00	0.085	0.08	98.83
7.00	0.025	0.02	98.85
8.00	0.090	0.08	98.93
9.00	0.200	0.18	99.12
10.00	0.050	0.05	99.16
11.00	0.903	0.84	100.00

POST ANALYTICAL WEIGHT 108.133

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.07	0.86	1.07	50.81	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.19A	2.13A	2.70A	2.71L	2.87A	3.03A	3.13A	3.51L

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.153	0.137	0.123	1.115	0.047	0.999

CRUISE DC014 STATION 062 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.87	2.91	0.22	0.23	-0.22	2.23

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.90	0.31	1	0.08	3	1.79	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.93	0.88	5.90	51.60

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 063 SAMPLER TYPE SS EX ID AAA

DATE 07/23/67 LAT 47-33.0N LONG 124-32.3W WATER DEPTH 59 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.07	0.07
1.50	0.100	0.09	0.16
1.75	0.230	0.21	0.37
2.00	0.490	0.44	0.82
2.25	1.710	1.55	2.37
2.50	8.400	7.62	9.99
2.75	35.500	32.20	42.18
3.00	36.000	32.65	74.84
3.25	16.590	15.05	89.88
3.50	5.100	4.63	94.51
3.75	2.690	2.44	96.95
4.00	0.440	0.40	97.35
5.00	1.270	1.15	98.50
6.00	0.300	0.27	98.77
7.00	0.205	0.19	98.96
8.00	0.190	0.17	99.13
9.00	0.100	0.09	99.22
10.00	0.135	0.12	99.34
11.00	0.170	0.15	99.50
12.00	0.555	0.50	100.00

POST ANALYTICAL WEIGHT 110.255

GRAVEL	PERCENTAGES OF SAND	OF SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.35	1.78	0.87	36.74	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.06A	2.39A	2.57A	2.65A	2.80A	3.00A	3.11A	3.54L

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.160	0.144	0.125	1.131	0.053	0.983

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.80	2.84	0.27	0.16	0.63	1.15

CRUISE DC014 STATION 063 SAMPLER TYPE SS EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.83	0.31	1	0.22	4	1.33	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
2.93	0.87	7.13	64.79

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 063 SAMPLER TYPE SS EX ID BBB

DATE 07/23/67 LAT 47-33.0N LONG 124-37.3W WATER DEPTH 59 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.050	0.05	0.07
1.75	0.200	0.19	0.25
2.00	0.510	0.48	0.73
2.25	1.510	1.41	2.14
2.50	6.280	5.86	8.00
2.75	37.780	35.25	43.24
3.00	33.760	31.50	74.74
3.25	16.200	15.11	89.85
3.50	5.050	4.71	94.56
3.75	2.480	2.31	96.87
4.00	0.350	0.33	97.20
5.00	1.270	1.18	98.39
6.00	0.250	0.23	98.62
7.00	0.185	0.17	98.79
8.00	0.110	0.10	98.89
9.00	0.145	0.14	99.03
10.00	0.070	0.07	99.10
11.00	0.140	0.13	99.23
12.00	0.830	0.77	100.00

POST ANALYTICAL WEIGHT 107.190

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.20	1.69	1.11	34.71	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.08A	2.42A	2.60A	2.66A	2.79A	3.00A	3.11A	3.54L

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.158	0.144	0.125	1.126	0.052	0.975

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.79	2.85	0.25	0.24	0.73	1.19

CRUISE OC014 STATION 063 SAMPLER TYPE SS EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.83	0.30	1	0.29	4	1.34	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.95	0.95	7.07	60.42

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 064 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-33.9N LONG 124-34.3W WATER DEPTH 45 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.200	0.19	0.19
1.50	0.300	0.28	0.47
1.75	0.890	0.83	1.30
2.00	1.370	1.28	2.59
2.25	1.580	1.48	4.07
2.50	2.530	2.37	6.44
2.75	14.400	13.50	19.95
3.00	44.420	41.66	61.61
3.25	24.230	22.72	84.33
3.50	7.700	7.22	91.55
3.75	4.130	3.87	95.42
4.00	0.620	0.58	96.00
5.00	1.345	1.26	97.27
6.00	0.590	0.55	97.82
7.00	0.415	0.39	98.21
8.00	0.675	0.63	98.84
9.00	0.395	0.37	99.21
10.00	0.335	0.31	99.53
11.00	0.320	0.30	99.83
12.00	0.185	0.17	100.00

POST ANALYTICAL WEIGHT 106.630

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.00	2.84	1.16	24.00	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.68A	2.36A	2.74A	2.79A	2.93A	3.10A	3.24A	3.63A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.144	0.131	0.116	1.114	0.047	0.990

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.93	2.99	0.25	0.23	0.26	1.52

CRUISE OC014 STATION 064 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.97	0.32	1	0.17	4	1.67	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.07	0.95	5.19	36.97

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 064 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-33.9N LONG 124-34.3W WATER DEPTH 45 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.260	0.20	0.20
1.50	0.360	0.28	0.48
1.75	1.000	0.77	1.24
2.00	1.490	1.14	2.39
2.25	1.720	1.32	3.71
2.50	2.700	2.07	5.79
2.75	18.870	14.50	20.28
3.00	50.030	38.44	58.72
3.25	25.520	19.61	78.33
3.50	9.230	7.09	85.42
3.75	5.300	4.07	89.49
4.00	0.810	0.62	90.11
5.00	2.517	1.93	92.05
6.00	1.660	1.28	93.32
7.00	2.192	1.68	95.01
8.00	1.350	1.04	96.04
9.00	1.365	1.05	97.09
10.00	1.401	1.08	98.17
11.00	1.045	0.80	98.97
12.00	1.337	1.03	100.00

POST ANALYTICAL WEIGHT 130.157

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	90.11	5.93	3.96	9.11	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.69A	2.42A	2.75A*	2.79A	2.94A	3.18A	3.44A	6.99A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.145	0.131	0.111	1.146	0.059	0.969

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.94	3.09	0.34	0.45	5.15	5.65

CRUISE OC014 STATION 064 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.04	0.87	3	0.61	5	4.78	6

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.37	1.58	3.42	15.06

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 065 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-35.3N LONG 124-31.3W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.07	0.07
1.50	0.120	0.10	0.17
1.75	0.320	0.27	0.44
2.00	0.480	0.41	0.86
2.25	0.880	0.75	1.61
2.50	1.650	1.41	3.02
2.75	9.630	8.24	11.26
3.00	42.960	36.75	48.01
3.25	30.280	25.91	73.92
3.50	14.430	12.35	86.26
3.75	10.140	8.67	94.94
4.00	1.940	1.66	96.60
5.00	2.780	2.38	98.98
6.00	0.105	0.09	99.06
7.00	0.070	0.06	99.12
8.00	0.085	0.07	99.20
9.00	0.938	0.80	100.00

POST ANALYTICAL WEIGHT 116.888

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.60	2.60	0.80	28.41	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.06A	2.64A	2.80A	2.87A	3.01A	3.27A	3.45A	3.76A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.137	0.124	0.104	1.148	0.060	0.963

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.13	0.32	0.34	0.57	0.74

CRUISE OC014 STATION 065 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.09	0.33	1	0.33	5	1.15	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.13	0.65	5.01	41.03

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 065 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-35.3N LONG 124-31.3W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.020	0.02	0.03
0.25	0.030	0.03	0.05
0.50	0.030	0.03	0.08
0.75	0.080	0.07	0.15
1.00	0.080	0.07	0.21
1.25	0.080	0.07	0.28
1.50	0.100	0.09	0.37
1.75	0.280	0.24	0.61
2.00	0.520	0.45	1.05
2.25	0.840	0.72	1.77
2.50	1.400	1.20	2.97
2.75	10.750	9.21	12.18
3.00	43.370	37.15	49.32
3.25	29.000	24.84	74.16
3.50	14.110	12.08	86.25
3.75	10.300	8.82	95.07
4.00	1.920	1.64	96.71
5.00	2.605	2.23	98.94
6.00	0.060	0.05	99.00
7.00	0.070	0.06	99.06
8.00	0.045	0.04	99.09
9.00	0.105	0.09	99.18
10.00	0.070	0.06	99.24
11.00	0.883	0.76	100.00

POST ANALYTICAL WEIGHT 116.758

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.71	2.38	0.91	29.40	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.98A	2.66A	2.79A	2.86A	3.00A	3.26A	3.45A	3.74A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.138	0.125	0.104	1.152	0.062	0.963

CRUISE OC014 STATION 065 SAMPLER TYPE VV EX ID B88
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.00	3.12	0.33	0.34	0.60	0.65

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.08	0.33	1	0.35	5	1.08	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.14	0.81	6.35	57.39

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 066 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-36.8N LONG 124-29.2W WATER DEPTH 25 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.080	0.07	0.10
1.75	0.110	0.10	0.19
2.00	0.120	0.10	0.30
2.25	0.320	0.28	0.57
2.50	0.890	0.77	1.35
2.75	7.360	6.40	7.75
3.00	43.280	37.65	45.40
3.25	33.830	29.43	74.83
3.50	15.190	13.21	88.04
3.75	8.400	7.31	95.35
4.00	1.320	1.15	96.50
5.00	3.090	2.69	99.19
6.00	0.180	0.16	99.34
7.00	0.753	0.66	100.00

POST ANALYTICAL WEIGHT 114.953

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.50	3.50	0.00	27.57	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.42A	2.72A	2.84A	2.89A	3.03A	3.25A	3.41A	3.70A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.135	0.123	0.105	1.133	0.054	0.971	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.03	3.13	0.28	0.32	0.63	0.72

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.09	0.29	1	0.34	5	1.12	4

CRUISE 0C014 STATION 066 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.13	0.47	3.15	21.13

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 066 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-36.8N LONG 124-39.2W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.010	0.01	0.02
1.75	0.040	0.04	0.06
2.00	0.120	0.12	0.18
2.25	0.320	0.33	0.51
2.50	0.820	0.84	1.36
2.75	6.540	6.72	8.07
3.00	32.960	33.86	41.93
3.25	29.140	29.93	71.87
3.50	13.740	14.11	85.98
3.75	7.890	8.10	94.09
4.00	1.280	1.31	95.40
5.00	3.485	3.58	98.98
6.00	0.170	0.17	99.15
7.00	0.030	0.03	99.19
8.00	0.065	0.07	99.25
9.00	0.000	0.00	99.25
10.00	0.010	0.01	99.26
11.00	0.015	0.02	99.28
12.00	0.703	0.72	100.00

POST ANALYTICAL WEIGHT 97.348

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	95.40	3.85	0.75	20.74	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.42A	2.71A	2.84A	2.90A	3.05A	3.29A	3.46A	3.91A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.134	0.121	0.102	1.147	0.060	0.970	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.05	3.15	0.31	0.30	0.83	0.95

CRUISE 0C014 STATION 066 SAMPLER TYPE VV EX ID 888
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.12	0.34	1	0.36	5	1.25	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.20	0.83	7.54	73.48

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 067 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-37.4N LONG 124-27.8W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.050	0.05	0.05
1.50	0.030	0.03	0.08
1.75	0.130	0.13	0.21
2.00	0.170	0.17	0.38
2.25	0.360	0.36	0.75
2.50	0.720	0.73	1.48
2.75	5.480	5.55	7.02
3.00	34.910	35.33	42.36
3.25	31.340	31.72	74.08
3.50	13.980	14.15	88.23
3.75	7.010	7.10	95.32
4.00	1.020	1.03	96.36
5.00	2.503	2.53	98.89
6.00	0.210	0.21	99.10
7.00	0.060	0.06	99.16
8.00	0.040	0.04	99.20
9.00	0.788	0.80	100.00

POST ANALYTICAL WEIGHT 98.801

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.36	2.85	0.79	26.47	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.36A	2.73A	2.85A	2.91A	3.05A	3.26A	3.41A	3.70A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.133	0.121	0.104	1.130	0.053	0.973	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.05	3.13	0.28	0.30	0.61	0.75

CRUISE 0C014 STATION 067 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.10	0.28	1	0.32	5	1.13	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.16	0.62	5.50	45.70

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 067 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-37.4N LONG 124-27.8W WATER DEPTH 20 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.070	0.06	0.06
1.50	0.040	0.04	0.10
1.75	0.090	0.08	0.18
2.00	0.100	0.09	0.26
2.25	0.190	0.17	0.43
2.50	0.720	0.63	1.07
2.75	5.950	5.24	6.31
3.00	43.370	38.23	44.54
3.25	34.900	30.76	75.30
3.50	15.760	13.89	89.19
3.75	7.770	6.85	96.04
4.00	1.100	0.97	97.01
5.00	2.315	2.04	99.05
6.00	0.110	0.10	99.14
7.00	0.045	0.04	99.18
8.00	0.000	0.00	99.18
9.00	0.045	0.04	99.22
10.00	0.883	0.78	100.00

POST ANALYTICAL WEIGHT 113.458

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.01	2.18	0.81	32.44	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.49A	2.73A	2.85A	2.90A	3.03A	3.25A	3.39A	3.61A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.134	0.122	0.105	1.126	0.052	0.972

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.03	3.12	0.27	0.32	0.52	0.65

CRUISE OC014 STATION 067 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.09	0.27	1	0.32	5	1.05	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.15	0.68	6.85	63.27

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 068 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-38.0N LONG 124-26.7W WATER DEPTH 16 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.04	0.04
1.50	0.020	0.02	0.05
1.75	0.090	0.08	0.13
2.00	0.120	0.11	0.24
2.25	0.220	0.20	0.44
2.50	0.490	0.44	0.88
2.75	5.790	5.21	6.09
3.00	48.400	43.53	49.62
3.25	34.230	30.78	80.40
3.50	13.800	12.41	92.81
3.75	5.670	5.10	97.91
4.00	0.580	0.52	98.43
5.00	0.785	0.71	99.14
6.00	0.045	0.04	99.18
7.00	0.913	0.82	100.00

POST ANALYTICAL WEIGHT 111.193

GRAVEL	PERCENTAGES OF SAND	OF SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.43	1.57	-0.00	62.69	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.54A	2.72L	2.85A	2.89A	3.00A	3.19A	3.30A	3.58L

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.135	0.125	0.110	1.108	0.045	0.974	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.00	3.07	0.22	0.32	0.65	0.88

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.24	1	0.33	5	1.19	4

CRUISE 0C014 STATION 068 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.08	0.43	4.54	36.47

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 068 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-38.0N LONG 124-26.7W WATER DEPTH 16 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.090	0.08	0.08
1.50	0.060	0.05	0.13
1.75	0.130	0.11	0.24
2.00	0.140	0.12	0.36
2.25	0.370	0.32	0.68
2.50	0.790	0.68	1.37
2.75	8.080	6.99	8.36
3.00	52.180	45.17	53.54
3.25	33.560	29.05	82.59
3.50	13.010	11.26	93.85
3.75	5.020	4.35	98.20
4.00	0.500	0.43	98.63
5.00	0.675	0.58	99.21
6.00	0.095	0.08	99.30
7.00	0.813	0.70	100.00

POST ANALYTICAL WEIGHT 115.513

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.63	1.37	-0.00	71.99	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.39A	2.73A	2.82A	2.87A	2.98A	3.16A	3.27A	3.55L

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.137	0.127	0.112	1.105	0.043	0.977	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.04	0.22	0.29	0.70	0.81

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.24	1	0.34	5	1.15	4

CRUISE DC014 STATION 068 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.05	0.42	4.30	36.61

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 069 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-39.7N LONG 124-25.5W WATER DEPTH 12 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.07	0.07
1.50	0.040	0.03	0.10
1.75	0.080	0.07	0.17
2.00	0.100	0.08	0.25
2.25	0.130	0.11	0.36
2.50	0.400	0.34	0.70
2.75	6.500	5.49	6.19
3.00	63.010	53.21	59.39
3.25	32.420	27.38	86.77
3.50	10.330	8.72	95.49
3.75	3.300	2.79	98.28
4.00	0.300	0.25	98.53
5.00	0.585	0.49	99.03
6.00	0.045	0.04	99.06
7.00	0.010	0.01	99.07
8.00	1.098	0.93	100.00

POST ANALYTICAL WEIGHT 118.428

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	98.53	1.47	0.00	67.03	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.60A	2.72L	2.83A	2.87A	2.96A	3.11A	3.21A	3.47A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.137	0.129	0.116	1.086	0.036	0.979	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.02	0.19	0.32	0.74	1.00

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.00	0.21	1	0.35	5	1.30	4

CRUISE 0C014 STATION 069 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.04	0.50	6.56	58.03

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 069 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-38.7N LONG 124-25.5W WATER DEPTH 12 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.080	0.09	0.11
1.75	0.140	0.15	0.26
2.00	0.140	0.15	0.41
2.25	0.280	0.30	0.71
2.50	0.480	0.51	1.22
2.75	4.710	5.04	6.26
3.00	45.760	48.99	55.26
3.25	28.800	30.84	86.09
3.50	8.870	9.50	95.59
3.75	2.800	3.00	98.59
4.00	0.250	0.27	98.86
5.00	0.325	0.35	99.20
6.00	0.743	0.80	100.00

POST ANALYTICAL WEIGHT 93.398

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	98.86	1.14	0.00	86.72	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.41A	2.71L	2.85A	2.90A	2.98A	3.13A	3.22A	3.47A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.134	0.127	0.115	1.083	0.035	0.979

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.03	0.19	0.31	0.61	1.07

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.21	1	0.30	5	1.35	4

CRUISE DC014 STATION 069 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.03	0.34	3.13	25.64

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 070 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-39.3N LONG 124-24.3W WATER DEPTH 8 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.25	0.000	0.00	0.00
0.00	0.010	0.01	0.01
0.25	0.020	0.02	0.03
0.50	0.020	0.02	0.05
0.75	0.080	0.07	0.12
1.00	0.070	0.06	0.18
1.25	0.100	0.09	0.27
1.50	0.170	0.15	0.42
1.75	0.250	0.23	0.65
2.00	0.380	0.34	0.99
2.25	0.980	0.88	1.88
2.50	6.900	6.22	8.10
2.75	36.240	32.67	40.77
3.00	39.430	35.55	76.32
3.25	17.490	15.77	92.09
3.50	3.670	3.31	95.40
3.75	1.980	1.79	97.18
4.00	0.490	0.44	97.63
5.00	1.740	1.57	99.19
6.00	0.210	0.19	99.38
7.00	0.683	0.62	100.00

POST ANALYTICAL WEIGHT 110.913

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.63	2.37	-0.00	41.19	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.00A	2.46A	2.60A	2.66A	2.80A	2.99A	3.06A	3.46A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.158	0.143	0.126	1.118	0.048	0.985

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.80	2.83	0.23	0.10	0.68	1.19

CRUISE DC014 STATION 070 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.82	0.27	1	0.21	4	1.27	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.87	0.48	3.25	25.60

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 070 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-39.3N LONG 124-24.3W WATER DEPTH 8 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.120	0.09	0.09
1.50	0.060	0.05	0.14
1.75	0.130	0.10	0.24
2.00	0.200	0.16	0.40
2.25	0.530	0.42	0.82
2.50	4.980	3.92	4.74
2.75	31.420	24.73	29.47
3.00	48.300	38.02	67.49
3.25	20.190	15.89	83.38
3.50	4.600	3.62	87.00
3.75	2.210	1.74	88.74
4.00	0.530	0.42	89.15
5.00	1.800	1.42	90.57
60.00	1.450	1.14	91.71
70.00	0.350	0.28	91.99
80.00	10.180	8.01	100.00

POST ANALYTICAL WEIGHT 127.050

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	89.15	1.42	9.43	8.22	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84
2.30A	2.51A	2.66A	2.72A	2.86A	3.03A	3.28A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.152	0.138	0.123	1.111	0.046	0.991

INMAN VALUES (2ND SKEWNESS AND KURTOSIS COULD NOT BE COMPUTED)

MEDIAN	MEAN	DEV.	SKEW.
2.86	2.97	0.31	0.34

FOLK AND WARD VALUES (ONLY THE MEAN COULD BE COMPUTED)

MEAN

2.93

CRUISE OC014 STATION 070 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
9.17	19.95	2.93	9.70

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 071 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-39.4N LONG 124-26.1W WATER DEPTH 19 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.08	0.08
1.50	0.050	0.05	0.12
1.75	0.140	0.13	0.26
2.00	0.170	0.16	0.42
2.25	0.400	0.38	0.79
2.50	0.570	0.54	1.33
2.75	6.350	6.01	7.34
3.00	56.400	53.37	60.72
3.25	28.680	27.14	87.86
3.50	8.800	8.33	96.19
3.75	3.170	3.00	99.19
4.00	0.310	0.29	99.48
5.00	0.540	0.51	99.99
6.00	0.000	0.00	99.99
7.00	0.000	0.00	99.99
8.00	0.005	0.00	100.00
9.00	0.003	0.00	100.00

POST ANALYTICAL WEIGHT 105.668

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	99.48	0.52	0.00	191.31	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.36A	2.69L	2.83A	2.87A	2.96A	3.10A	3.19A	3.45A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.136	0.129	0.117	1.080	0.033	0.980

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.01	0.18	0.30	0.61	1.11

CRUISE DC014 STATION 071 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.99	0.20	1	0.30	4	1.40	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.99	0.27	1.07	19.32

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 071 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-39.4N LONG 124-26.1W WATER DEPTH 19 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.03	0.03
1.50	0.050	0.04	0.07
1.75	0.110	0.09	0.16
2.00	0.120	0.10	0.26
2.25	0.180	0.14	0.40
2.50	0.380	0.30	0.70
2.75	7.020	5.62	6.32
3.00	71.020	56.85	63.17
3.25	30.550	24.45	87.63
3.50	9.880	7.91	95.54
3.75	3.430	2.75	98.28
4.00	0.350	0.28	98.56
5.00	0.675	0.54	99.10
6.00	0.015	0.01	99.11
7.00	1.108	0.89	100.00

POST ANALYTICAL WEIGHT 124.928

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	98.56	1.44	0.00	68.44	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.62A	2.72L	2.82A	2.86A	2.94A	3.09A	3.19A	3.47A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.138	0.130	0.118	1.082	0.034	0.978

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.94	3.00	0.19	0.36	0.84	1.06

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.98	0.21	1	0.39	5	1.35	4

CRUISE OC014 STATION 071 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.02	0.42	5.41	45.13

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 072 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-39.8N LONG 124-27.3W WATER DEPTH 19 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.04	0.04
1.50	0.020	0.02	0.06
1.75	0.100	0.10	0.16
2.00	0.120	0.12	0.28
2.25	0.210	0.21	0.49
2.50	0.400	0.40	0.89
2.75	5.100	5.11	6.00
3.00	36.540	36.59	42.59
3.25	30.050	30.09	72.68
3.50	12.380	12.40	85.08
3.75	7.650	7.66	92.74
4.00	1.400	1.40	94.14
5.00	4.545	4.55	98.70
6.00	0.265	0.27	98.96
7.00	0.070	0.07	99.03
8.00	0.105	0.11	99.14
9.00	0.020	0.02	99.16
10.00	0.010	0.01	99.17
11.00	0.035	0.04	99.20
12.00	0.798	0.80	100.00

POST ANALYTICAL WEIGHT 99.858

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	94.14	4.99	0.87	16.06	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.54A	2.72L	2.85A	2.91A	3.04A	3.29A	3.47A	4.02A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.133	0.121	0.102	1.141	0.057	0.963

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.04	3.16	0.31	0.39	1.06	1.10

CRUISE DC014 STATION 072 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.12	0.35	2	0.45	5	1.39	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.23	0.89	7.00	63.23

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 072 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-39.8N LONG 124-27.3W WATER DEPTH 19 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.090	0.08	0.08
1.50	0.020	0.02	0.10
1.75	0.110	0.10	0.19
2.00	0.200	0.17	0.37
2.25	0.410	0.36	0.72
2.50	0.800	0.70	1.42
2.75	6.800	5.91	7.33
3.00	47.180	41.02	48.34
3.25	30.490	26.51	74.85
3.50	13.530	11.76	86.61
3.75	8.050	7.00	93.61
4.00	1.320	1.15	94.76
5.00	4.245	3.69	98.45
6.00	0.415	0.36	98.81
7.00	0.335	0.29	99.10
8.00	1.035	0.90	100.00

POST ANALYTICAL WEIGHT 115.030

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	94.76	5.24	-0.00	18.08	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.37A	2.73A	2.83A	2.88A	3.01A	3.25A	3.43A	4.03A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.136	0.124	0.105	1.136	0.056	0.961

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.13	0.30	0.41	1.24	1.17

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.09	0.35	1	0.49	5	1.44	4

CRUISE DC014 STATION 072 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.16	0.62	4.03	26.23

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 073 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-39.9N LONG 124-28.9W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.020	0.02	0.05
1.75	0.100	0.10	0.14
2.00	0.130	0.12	0.27
2.25	0.260	0.25	0.52
2.50	0.580	0.55	1.07
2.75	6.260	5.99	7.06
3.00	52.030	49.79	56.85
3.25	29.010	27.76	84.61
3.50	8.600	8.23	92.84
3.75	3.880	3.71	96.55
4.00	0.500	0.48	97.03
5.00	1.470	1.41	98.43
6.00	0.370	0.35	98.79
7.00	0.160	0.15	98.94
8.00	0.070	0.07	99.01
9.00	0.025	0.02	99.03
10.00	0.110	0.11	99.14
11.00	0.040	0.04	99.17
12.00	0.863	0.83	100.00

POST ANALYTICAL WEIGHT 104.508

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.03	1.98	0.99	32.67	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.48A	2.74A	2.83A	2.87A	2.97A	3.12A	3.24A	3.63L

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.136	0.128	0.115	1.089	0.037	0.981	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.97	3.03	0.20	0.32	1.07	1.16

CRUISE OC014 STATION 073 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.01	0.24	1	0.41	5	1.47	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.12	0.90	7.68	69.29

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 073 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-39.9N LONG 124-28.9W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.50	0.000	0.00	0.00
0.75	0.010	0.01	0.01
1.00	0.050	0.04	0.05
1.25	0.050	0.04	0.10
1.50	0.090	0.08	0.18
1.75	0.130	0.11	0.29
2.00	0.160	0.14	0.43
2.25	0.280	0.25	0.67
2.50	0.570	0.50	1.17
2.75	9.160	8.02	9.19
3.00	58.350	51.10	60.29
3.25	26.260	23.00	83.29
3.50	10.590	9.27	92.56
3.75	4.630	4.05	96.62
4.00	0.970	0.85	97.46
5.00	1.870	1.64	99.10
6.00	0.380	0.33	99.44
7.00	0.185	0.16	99.60
8.00	0.080	0.07	99.67
9.00	0.045	0.04	99.71
10.00	0.200	0.18	99.88
11.00	0.000	0.00	99.88
12.00	0.135	0.12	100.00

POST ANALYTICAL WEIGHT 114.195

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.46	2.20	0.34	38.37	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.43A	2.67L	2.80A	2.84A	2.94A	3.13A	3.26A	3.56A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.140	0.130	0.114	1.106	0.044	0.970

CRUISE OC014 STATION 073 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.94	3.03	0.23	0.38	0.74	0.94

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.00	0.25	1	0.38	5	1.27	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.06	0.58	7.60	91.80

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 074 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-40.8N LONG 124-30.7W WATER DEPTH 25 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.180	0.17	0.17
1.50	0.130	0.13	0.30
1.75	0.180	0.17	0.47
2.00	0.220	0.21	0.69
2.25	0.490	0.47	1.16
2.50	1.100	1.07	2.23
2.75	9.700	9.39	11.62
3.00	50.360	48.76	60.38
3.25	26.980	26.12	86.50
3.50	7.310	7.08	93.58
3.75	3.040	2.94	96.52
4.00	0.440	0.43	96.95
5.00	1.815	1.76	98.70
6.00	0.160	0.15	98.86
7.00	0.110	0.11	98.97
8.00	0.005	0.00	98.97
9.00	0.000	0.00	98.97
10.00	0.005	0.00	98.98
11.00	0.075	0.07	99.05
12.00	0.983	0.95	100.00

POST ANALYTICAL WEIGHT 103.283

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.00	96.95	2.02	1.03	31.79	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.19A	2.69A	2.79A	2.84A	2.95A	3.09A	3.20A	3.61L
TRASK VALUES							
Q1	Q2	Q3	SO	LOG SO	SKG		
0.139	0.129	0.117	1.089	0.037	0.988		
INMAN VALUES							
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.		
2.95	2.99	0.20	0.22	0.96	1.23		

CRUISE DC014 STATION 074 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.98	0.24	1	0.32	5	1.53	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.93	7.60	68.18

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 074 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-40.8N LONG 124-30.7W WATER DEPTH 25 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.130	0.14	0.14
1.50	0.080	0.08	0.22
1.75	0.110	0.12	0.34
2.00	0.140	0.15	0.48
2.25	0.310	0.33	0.81
2.50	0.960	1.01	1.82
2.75	9.870	10.39	12.22
3.00	45.740	48.17	60.38
3.25	23.780	25.04	85.43
3.50	6.630	6.98	92.41
3.75	3.010	3.17	95.58
4.00	0.790	0.83	96.41
5.00	1.465	1.54	97.95
6.00	0.615	0.65	98.60
7.00	0.135	0.14	98.74
8.00	0.050	0.05	98.79
9.00	0.080	0.08	98.88
10.00	1.065	1.12	100.00

POST ANALYTICAL WEIGHT 94.960

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.41	2.39	1.20	26.86	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.33A	2.69A	2.78A	2.83A	2.95A	3.09A	3.22A	3.65A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.140	0.130	0.117	1.095	0.039	0.987

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.95	3.00	0.22	0.25	1.02	1.19

CRUISE OC014 STATION 074 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.98	0.26	1	0.36	5	1.51	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.82	6.04	45.84

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 075 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-41.3N LONG 124-33.8W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.04	0.04
1.50	0.020	0.02	0.05
1.75	0.130	0.11	0.17
2.00	0.200	0.18	0.34
2.25	0.440	0.39	0.73
2.50	1.580	1.39	2.12
2.75	11.180	9.85	11.97
3.00	36.690	32.33	44.30
3.25	28.770	25.35	69.65
3.50	12.510	11.02	80.67
3.75	7.660	6.75	87.42
4.00	1.380	1.22	88.64
5.00	10.920	9.62	98.26
6.00	0.975	0.86	99.12
7.00	0.115	0.10	99.22
8.00	0.105	0.09	99.31
9.00	0.020	0.02	99.33
10.00	0.160	0.14	99.47
11.00	0.055	0.05	99.52
12.00	0.548	0.48	100.00

POST ANALYTICAL WEIGHT 113.498

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	88.64	10.67	0.69	7.80	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.34A	2.64A	2.79A	2.86A	3.04A	3.35A	3.61L	4.67A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.137	0.122	0.098	1.186	0.074	0.952

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.04	3.20	0.41	0.40	1.50	1.46

CRUISE OC014 STATION 075 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.15	0.51	3	0.51	5	1.69	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.26	0.87	5.35	45.98

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 075 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-41.3N LONG 124-33.8W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.020	0.02	0.04
1.75	0.100	0.10	0.14
2.00	0.180	0.17	0.31
2.25	0.420	0.41	0.72
2.50	1.720	1.67	2.39
2.75	10.620	10.31	12.70
3.00	35.390	34.37	47.07
3.25	25.800	25.05	72.12
3.50	12.220	11.87	83.99
3.75	7.750	7.53	91.51
4.00	1.360	1.32	92.83
5.00	6.595	6.40	99.24
6.00	0.575	0.56	99.80
7.00	0.045	0.04	99.84
8.00	0.065	0.06	99.90
9.00	0.000	0.00	99.90
10.00	0.100	0.10	100.00
11.00	0.000	0.00	100.00

POST ANALYTICAL WEIGHT 102.980

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	92.83	7.07	0.10	12.95	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.33A	2.62A	2.78A	2.85A	3.02A	3.30A	3.50L	4.36A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.139	0.123	0.102	1.168	0.067	0.963

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.02	3.14	0.36	0.34	1.30	1.42

CRUISE 0C014 STATION 075 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.10	0.44	2	0.44	5	1.59	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.16	0.56	2.99	23.85

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 076 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-42.0N LONG 124-37.6W WATER DEPTH 43 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.07	0.07
1.50	0.070	0.06	0.13
1.75	0.220	0.20	0.33
2.00	0.320	0.29	0.62
2.25	0.750	0.67	1.29
2.50	1.480	1.33	2.62
2.75	13.240	11.89	14.51
3.00	47.680	42.83	57.34
3.25	28.190	25.32	82.66
3.50	10.040	9.02	91.68
3.75	6.100	5.48	97.16
4.00	0.920	0.83	97.98
5.00	1.545	1.39	99.37
6.00	0.330	0.30	99.67
7.00	0.020	0.02	99.69
8.00	0.060	0.05	99.74
9.00	0.190	0.17	99.91
10.00	0.100	0.09	100.00
11.00	0.000	0.00	100.00

POST ANALYTICAL WEIGHT 111.335

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.98	1.76	0.26	48.50	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.17A	2.65A	2.76A	2.82A	2.96A	3.14A	3.28A	3.55A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.141	0.129	0.113	1.116	0.048	0.982

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.02	0.26	0.25	0.55	0.74

CRUISE OC014 STATION 076 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.00	0.26	1	0.28	4	1.16	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.03	0.49	5.49	61.28

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 076 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-42.0N LONG 124-37.6W WATER DEPTH 43 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.160	0.13	0.13
1.50	0.080	0.07	0.20
1.75	0.160	0.13	0.34
2.00	0.230	0.19	0.53
2.25	0.590	0.50	1.03
2.50	0.830	0.70	1.73
2.75	14.770	12.46	14.19
3.00	49.890	42.07	56.26
3.25	29.940	25.25	81.51
3.50	10.630	8.96	90.47
3.75	6.880	5.80	96.28
4.00	1.650	1.39	97.67
5.00	1.700	1.43	99.10
6.00	0.335	0.28	99.38
7.00	0.250	0.21	99.60
8.00	0.065	0.05	99.65
9.00	0.200	0.17	99.82
10.00	0.135	0.11	99.93
11.00	0.080	0.07	100.00

POST ANALYTICAL WEIGHT 118.575

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.67	1.98	0.35	41.92	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.24A	2.61L	2.76A	2.82A	2.96A	3.15A	3.31A	3.65A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.141	0.128	0.112	1.121	0.050	0.981

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.03	0.28	0.28	0.62	0.90

CRUISE OC014 STATION 076 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.01	0.29	1	0.30	5	1.28	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.06	0.56	6.03	63.84

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 077 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-42.8N LONG 124-41.3W WATER DEPTH 59 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.180	0.14	0.14
1.50	0.230	0.18	0.33
1.75	0.640	0.51	0.84
2.00	0.940	0.76	1.60
2.25	1.700	1.37	2.97
2.50	2.940	2.36	5.33
2.75	15.870	12.76	18.09
3.00	51.480	41.38	59.47
3.25	29.610	23.80	83.28
3.50	11.200	9.00	92.28
3.75	6.100	4.90	97.18
4.00	0.940	0.76	97.94
5.00	1.560	1.25	99.19
6.00	0.355	0.29	99.48
7.00	0.195	0.16	99.63
8.00	0.080	0.06	99.70
9.00	0.095	0.08	99.77
10.00	0.190	0.15	99.93
11.00	0.090	0.07	100.00

POST ANALYTICAL WEIGHT 124.395

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.94	1.76	0.30	47.54	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.81A	2.47A	2.74A	2.81A	2.94A	3.13A	3.27A	3.53A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.143	0.130	0.114	1.120	0.049	0.983

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.94	3.00	0.26	0.22	0.22	1.02

CRUISE 0C014 STATION 077 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES							
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE	
2.98	0.29	1	0.16	4	1.33	4	

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.01	0.57	5.58	62.49

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 077 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-42.8N LONG 124-41.3W WATER DEPTH M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.110	0.13	0.13
0.00	0.010	0.01	0.14
0.25	0.020	0.02	0.16
0.50	0.010	0.01	0.17
0.75	0.070	0.08	0.25
1.00	0.080	0.09	0.34
1.25	0.170	0.19	0.54
1.50	0.190	0.22	0.75
1.75	0.430	0.49	1.24
2.00	0.680	0.78	2.02
2.25	1.040	1.19	3.21
2.50	1.700	1.94	5.14
2.75	8.820	10.06	15.21
3.00	35.150	40.10	55.30
3.25	21.730	24.79	80.09
3.50	8.510	9.71	89.80
3.75	4.850	5.53	95.33
4.00	1.050	1.20	96.53
5.00	1.235	1.41	97.94
6.00	0.390	0.44	98.38
7.00	0.360	0.41	98.79
8.00	0.315	0.36	99.15
9.00	0.240	0.27	99.42
10.00	0.335	0.38	99.81
11.00	0.170	0.19	100.00

POST ANALYTICAL - WEIGHT 87.665

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.53	2.62	0.85	27.82	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
1.65A	2.49A	2.76A	2.84A	2.97A	3.17A	3.33A	3.71A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.140	0.128	0.111	1.124	0.051	0.975

CRUISE DC014 STATION 077 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.97	3.04	0.28	0.27	0.44	1.13

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.33	1	0.24	4	1.49	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.82	4.81	38.04

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 078 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-43.6N LONG 124-39.1W WATER DEPTH 46 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.080	0.07	0.07
1.50	0.050	0.04	0.12
1.75	0.190	0.17	0.29
2.00	0.240	0.21	0.50
2.25	0.590	0.53	1.02
2.50	1.200	1.07	2.09
2.75	13.290	11.84	13.93
3.00	47.260	42.11	56.04
3.25	29.280	26.09	82.13
3.50	10.370	9.24	91.37
3.75	6.160	5.49	96.85
4.00	0.980	0.87	97.73
5.00	1.725	1.54	99.26
6.00	0.255	0.23	99.49
7.00	0.175	0.16	99.65
8.00	0.140	0.12	99.77
9.00	0.040	0.04	99.81
10.00	0.170	0.15	99.96
11.00	0.045	0.04	100.00

POST ANALYTICAL WEIGHT 112.240

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.73	2.04	0.23	43.05	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.24A	2.68A	2.77A	2.83A	2.96A	3.15A	3.29A	3.56A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.141	0.128	0.113	1.118	0.048	0.983

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.96	3.03	0.26	0.25	0.61	0.68

CRUISE DC014 STATION 078 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.01	0.26	1	0.31	5	1.12	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.05	0.52	6.05	67.53

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 078 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-43.6N LONG 124-39.1W WATER DEPTH 46 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.000	0.00	0.01
0.25	0.010	0.01	0.02
0.50	0.010	0.01	0.03
0.75	0.020	0.02	0.06
1.00	0.030	0.03	0.09
1.25	0.090	0.10	0.20
1.50	0.100	0.12	0.31
1.75	0.130	0.15	0.46
2.00	0.120	0.14	0.60
2.25	0.280	0.32	0.93
2.50	0.730	0.84	1.77
2.75	8.750	10.12	11.89
3.00	34.400	39.79	51.69
3.25	23.870	27.61	79.30
3.50	9.070	10.49	89.79
3.75	5.320	6.15	95.95
4.00	1.230	1.42	97.37
5.00	0.665	0.77	98.14
6.00	0.215	0.25	98.39
7.00	0.120	0.14	98.53
8.00	0.175	0.20	98.73
9.00	1.100	1.27	100.00

POST ANALYTICAL WEIGHT 86.445

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.37	1.36	1.27	37.02	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.29A	2.72A	2.79A	2.85A	2.99A	3.19A	3.34A	3.67A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.139	0.126	0.110	1.126	0.051	0.980

CRUISE DC014 STATION 078 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.99	3.06	0.28	0.27	0.73	0.70

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.04	0.28	1	0.35	5	1.14	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.12	0.75	5.29	37.80

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 079 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-44.6N LONG 124-37.3W WATER DEPTH 35 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.020	0.02	0.02
1.75	0.060	0.05	0.07
2.00	0.110	0.09	0.16
2.25	0.330	0.26	0.42
2.50	2.350	1.87	2.30
2.75	16.870	13.45	15.74
3.00	47.730	38.04	53.79
3.25	30.900	24.63	78.42
3.50	13.380	10.66	89.08
3.75	7.960	6.34	95.43
4.00	1.380	1.10	96.53
5.00	3.270	2.61	99.13
6.00	0.370	0.29	99.43
7.00	0.035	0.03	99.46
8.00	0.000	0.00	99.46
9.00	0.065	0.05	99.51
10.00	0.150	0.12	99.63
11.00	0.015	0.01	99.64
12.00	0.453	0.36	100.00

POST ANALYTICAL WEIGHT 125.458

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.53	2.93	0.54	27.82	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.40A	2.60A	2.75A	2.82A	2.97A	3.20A	3.36A	3.69A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.142	0.127	0.109	1.142	0.057	0.976

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.97	3.06	0.31	0.28	0.57	0.78

CRUISE DC014 STATION 079 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.03	0.32	1	0.30	4	1.17	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.10	0.70	7.77	86.41

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 079 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-44.6N LONG 124-37.3W WATER DEPTH 35 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.010	0.01	0.01
0.00	0.000	0.00	0.01
0.25	0.010	0.01	0.02
0.50	0.010	0.01	0.03
0.75	0.020	0.02	0.05
1.00	0.040	0.04	0.08
1.25	0.040	0.04	0.12
1.50	0.060	0.05	0.17
1.75	0.150	0.14	0.31
2.00	0.170	0.15	0.46
2.25	0.380	0.34	0.80
2.50	1.580	1.43	2.23
2.75	14.320	12.92	15.15
3.00	39.950	36.05	51.21
3.25	27.200	24.55	75.75
3.50	12.640	11.41	87.16
3.75	8.780	7.92	95.09
4.00	1.830	1.65	96.74
5.00	2.635	2.38	99.12
6.00	0.410	0.37	99.49
7.00	0.070	0.06	99.55
8.00	0.050	0.05	99.59
9.00	0.070	0.06	99.66
10.00	0.195	0.18	99.83
11.00	0.080	0.07	99.91
12.00	0.105	0.09	100.00

POST ANALYTICAL WEIGHT 110.805

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.74	2.86	0.40	29.67	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.32A	2.64A	2.76A	2.83A	2.99A	3.24A	3.42A	3.74A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.141	0.126	0.106	1.154	0.062	0.972

CRUISE OC014 STATION 079 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.99	3.09	0.33	0.29	0.60	0.67

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.06	0.33	1	0.33	5	1.10	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.10	0.63	6.32	70.56

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 080 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-45.7N LONG 124-35.4W WATER DEPTH 28 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.050	0.05	0.08
1.75	0.080	0.08	0.16
2.00	0.130	0.13	0.29
2.25	0.330	0.33	0.62
2.50	0.870	0.86	1.48
2.75	4.480	4.45	5.93
3.00	28.670	28.48	34.41
3.25	31.450	31.24	65.65
3.50	13.080	12.99	78.64
3.75	7.670	7.62	86.26
4.00	1.420	1.41	87.67
5.00	10.525	10.45	98.12
6.00	0.585	0.58	98.71
7.00	0.045	0.04	98.75
8.00	0.035	0.03	98.79
9.00	0.035	0.03	98.82
10.00	0.135	0.13	98.95
11.00	1.053	1.05	100.00

POST ANALYTICAL WEIGHT 100.673

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	87.67	11.12	1.21	7.11	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.39A	2.73A	2.88A	2.95A	3.09A	3.41A	3.54A	4.53L

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.130	0.117	0.094	1.177	0.071	0.942

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.09	3.21	0.33	0.37	1.62	1.73

CRUISE DC014 STATION 080 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.17	0.44	2	0.48	5	1.57	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.35	0.95	5.08	36.72

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 080 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-45.7N LONG 124-35.4W WATER DEPTH 28 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.03	0.03
1.50	0.020	0.03	0.05
1.75	0.040	0.05	0.11
2.00	0.050	0.07	0.17
2.25	0.080	0.11	0.28
2.50	0.220	0.29	0.56
2.75	2.900	3.81	4.37
3.00	18.950	24.88	29.25
3.25	24.160	31.72	60.97
3.50	10.130	13.30	74.27
3.75	6.280	8.25	82.52
4.00	2.030	2.67	85.18
5.00	9.310	12.22	97.41
6.00	1.060	1.39	98.80
7.00	0.095	0.12	98.92
8.00	0.200	0.26	99.19
9.00	0.620	0.81	100.00

POST ANALYTICAL WEIGHT 76.165

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	85.18	14.00	0.82	5.75	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.63A	2.76A	2.90A	2.97A	3.13A	3.51A	3.88A	4.60A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.128	0.114	0.088	1.205	0.081	0.927

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.13	3.39	0.49	0.53	1.13	0.88

CRUISE OC014 STATION 080 SAMPLER TYPE VV EX ID 888
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.30	0.52	3	0.57	5	1.40	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.39	0.78	3.19	18.40

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 081 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-46.2N LONG 124-34.4W WATER DEPTH 27 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.020	0.02	0.04
1.75	0.040	0.04	0.07
2.00	0.080	0.07	0.15
2.25	0.180	0.17	0.31
2.50	0.350	0.32	0.64
2.75	1.550	1.43	2.07
3.00	12.600	11.65	13.73
3.25	29.130	26.94	40.67
3.50	18.600	17.20	57.87
3.75	17.980	16.63	74.51
4.00	4.100	3.79	78.30
5.00	20.785	19.23	97.52
6.00	1.125	1.04	98.56
7.00	0.280	0.26	98.82
8.00	0.180	0.17	98.99
9.00	0.040	0.04	99.03
10.00	0.045	0.04	99.07
11.00	0.115	0.11	99.17
12.00	0.893	0.83	100.00

POST ANALYTICAL WEIGHT 108.113

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	78.30	20.69	1.01	3.61	1

PHI SIZES AT PERCENT LEVELS OF

1 5 16 25 50 75 84 95

2.62A 2.88A 3.02A 3.10A 3.38A 3.78A 4.21A 4.73L

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.117	0.096	0.073	1.267	0.103	0.963

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.38	3.61	0.59	0.39	0.71	0.56

CRUISE 0C014 STATION 081 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.54	0.58	3	0.42	5	1.11	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.62	1.00	4.81	36.44

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 081 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-46.2N LONG 124-34.4W WATER DEPTH 27 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.230	0.28	0.28
1.50	0.050	0.06	0.34
1.75	0.050	0.06	0.41
2.00	0.060	0.07	0.48
2.25	0.100	0.12	0.60
2.50	0.300	0.37	0.97
2.75	1.560	1.92	2.89
3.00	8.980	11.04	13.93
3.25	19.650	24.16	38.09
3.50	12.720	15.64	53.73
3.75	15.280	18.79	72.51
4.00	5.530	6.80	79.31
5.00	14.400	17.70	97.01
6.00	1.115	1.37	98.38
7.00	0.200	0.25	98.63
8.00	0.350	0.43	99.06
9.00	0.765	0.94	100.00

POST ANALYTICAL WEIGHT 81.340

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	79.31	19.75	0.94	3.83	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.51A	2.85A	3.02A	3.11A	3.44A	3.83A	4.09A	4.78L

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.116	0.092	0.070	1.286	0.109	0.981

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.44	3.55	0.53	0.22	0.69	0.80

CRUISE OC014 STATION 081 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.52	0.56	3	0.30	5	1.09	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.61	0.83	2.60	15.11

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 082 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-46.7N LONG 124-33.4W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.110	0.12	0.12
1.50	0.030	0.03	0.15
1.75	0.100	0.11	0.25
2.00	0.100	0.11	0.36
2.25	0.200	0.21	0.57
2.50	0.460	0.49	1.06
2.75	2.400	2.55	3.61
3.00	25.750	27.31	30.92
3.25	34.180	36.25	67.17
3.50	13.620	14.45	81.61
3.75	8.520	9.04	90.65
4.00	1.740	1.85	92.49
5.00	6.080	6.45	98.94
6.00	0.550	0.58	99.52
7.00	0.110	0.12	99.64
8.00	0.125	0.13	99.77
9.00	0.000	0.00	99.77
10.00	0.150	0.16	99.93
11.00	0.005	0.01	99.94
12.00	0.058	0.06	100.00

POST ANALYTICAL WEIGHT 94.288

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	92.49	7.28	0.23	12.32	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.48A	2.80A	2.93A	2.98A	3.10A	3.37A	3.51A	4.26A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.127	0.117	0.097	1.147	0.059	0.951

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.10	3.22	0.29	0.42	1.50	1.54

CRUISE 0C014 STATION 082 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.18	0.37	2	0.51	5	1.52	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.26	0.61	4.69	46.96

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 082 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-46.7N LONG 124-33.4W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.020	0.02	0.04
1.75	0.120	0.12	0.16
2.00	0.220	0.22	0.38
2.25	0.390	0.39	0.76
2.50	0.570	0.57	1.33
2.75	2.410	2.39	3.72
3.00	28.600	28.40	32.12
3.25	36.480	36.22	68.35
3.50	13.750	13.65	82.00
3.75	8.130	8.07	90.07
4.00	1.560	1.55	91.62
5.00	6.995	6.95	98.57
6.00	0.760	0.75	99.32
7.00	0.205	0.20	99.53
8.00	0.080	0.08	99.60
9.00	0.050	0.05	99.65
10.00	0.145	0.14	99.80
11.00	0.030	0.03	99.83
12.00	0.173	0.17	100.00

POST ANALYTICAL WEIGHT 100.708

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	91.62	7.98	0.40	10.93	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.37A	2.80A	2.94A	2.98A	3.09A	3.35A	3.55L	4.39A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.127	0.118	0.098	1.140	0.057	0.947

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.09	3.25	0.31	0.53	1.67	1.60

CRUISE OC014 STATION 082 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.19	0.39	2	0.58	5	1.72	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.27	0.69	5.44	53.21

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 083 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-47.4N LONG 124-32.5W WATER DEPTH 24 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.030	0.03	0.04
1.75	0.080	0.08	0.12
2.00	0.140	0.14	0.25
2.25	0.250	0.24	0.50
2.50	0.530	0.52	1.01
2.75	2.840	2.76	3.77
3.00	30.000	29.17	32.95
3.25	38.650	37.59	70.53
3.50	13.890	13.51	84.04
3.75	7.590	7.38	91.42
4.00	1.420	1.38	92.80
5.00	5.135	4.99	97.79
6.00	0.780	0.76	98.55
7.00	0.195	0.19	98.74
8.00	0.180	0.18	98.92
9.00	0.095	0.09	99.01
10.00	0.160	0.16	99.17
11.00	0.030	0.03	99.19
12.00	0.828	0.81	100.00

POST ANALYTICAL WEIGHT 102.833

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	92.80	6.12	1.08	12.89	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.50A	2.79A	2.92A	2.97A	3.08A	3.32A	3.50A	4.26A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.128	0.118	0.100	1.128	0.052	0.957

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.08	3.21	0.29	0.46	1.56	1.56

CRUISE DCO14 STATION 083 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.17	0.37	2	0.54	5	1.73	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.29	0.95	6.25	50.55

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 083 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-47.4N LONG 124-32.5W WATER DEPTH 24 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.030	0.03	0.06
1.75	0.100	0.10	0.15
2.00	0.110	0.10	0.26
2.25	0.170	0.16	0.42
2.50	0.430	0.41	0.83
2.75	2.200	2.09	2.92
3.00	33.580	31.97	34.89
3.25	38.860	36.99	71.88
3.50	13.300	12.66	84.54
3.75	7.530	7.17	91.71
4.00	2.430	2.31	94.03
5.00	4.305	4.10	98.12
6.00	0.465	0.44	98.57
7.00	0.160	0.15	98.72
8.00	0.150	0.14	98.86
9.00	0.115	0.11	98.97
10.00	0.095	0.09	99.06
11.00	0.080	0.08	99.14
12.00	0.905	0.86	100.00

POST ANALYTICAL WEIGHT 105.045

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	94.03	4.84	1.13	15.75	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.55A	2.83A	2.94A	2.97A	3.06A	3.30A	3.49A	4.01A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.128	0.120	0.102	1.121	0.050	0.953

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.06	3.22	0.28	0.53	1.28	1.15

CRUISE OC014 STATION 083 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.16	0.32	1	0.56	5	1.47	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.28	0.95	6.54	53.52

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 084 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-47.6N LONG 124-31.8W WATER DEPTH 24 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.180	0.17	0.17
1.50	0.070	0.07	0.24
1.75	0.100	0.10	0.34
2.00	0.120	0.12	0.46
2.25	0.230	0.22	0.68
2.50	0.680	0.66	1.34
2.75	4.380	4.25	5.59
3.00	51.140	49.64	55.23
3.25	32.610	31.65	86.88
3.50	8.580	8.33	95.21
3.75	2.580	2.50	97.71
4.00	0.300	0.29	98.01
5.00	0.980	0.95	98.96
6.00	0.160	0.16	99.11
7.00	0.075	0.07	99.18
8.00	0.000	0.00	99.18
9.00	0.000	0.00	99.18
10.00	0.050	0.05	99.23
11.00	0.790	0.77	100.00

POST ANALYTICAL WEIGHT 103.025

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	98.01	1.18	0.81	49.25	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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2.42A	2.74A	2.87A	2.91A	2.98A	3.11A	3.21A	3.49A
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TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.133	0.126	0.116	1.071	0.030	0.980

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.04	0.17	0.34	0.80	1.24

CRUISE DC014 STATION 084 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.20	1	0.35	5	1.53	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.08	0.74	8.27	82.32

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 084 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-47.6N LONG 124-31.8W WATER DEPTH 24 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-0.50	0.000	0.00	0.00
-0.25	0.020	0.03	0.03
0.00	0.010	0.02	0.05
0.25	0.020	0.03	0.08
0.50	0.040	0.06	0.14
0.75	0.060	0.09	0.23
1.00	0.040	0.06	0.29
1.25	0.040	0.06	0.35
1.50	0.040	0.06	0.41
1.75	0.110	0.17	0.58
2.00	0.160	0.25	0.83
2.25	0.400	0.61	1.44
2.50	1.040	1.59	3.04
2.75	3.230	4.95	7.99
3.00	20.730	31.78	39.77
3.25	19.910	30.53	70.30
3.50	5.130	7.87	78.17
3.75	1.600	2.45	80.62
4.00	0.420	0.64	81.26
5.00	4.420	6.78	88.04
6.00	2.255	3.46	91.50
7.00	1.425	2.18	93.68
8.00	0.615	0.94	94.63
9.00	0.780	1.20	95.82
10.00	0.820	1.26	97.08
11.00	0.545	0.84	97.91
12.00	1.360	2.09	100.00

POST ANALYTICAL WEIGHT 65.220

GRAVEL	PERCENTAGES OF		CLAY	SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT			
0.00	81.26	13.36	5.38	4.34	1

PHI SIZES AT PERCENT LEVELS OF

1 5 16 25 50 75 84 95

2.10A 2.64A 2.87A 2.93A 3.02A 3.32A 4.37L 8.34A

TRASK VALUES

Q1 Q2 Q3 S0 LOG S0 SKG

0.131 0.123 0.100 1.146 0.059 0.927

CRUISE DC014 STATION 084 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.02	3.62	0.75	0.80	3.30	2.81

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.42	1.24	4	0.84	5	5.96	6

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.69	1.82	2.85	11.08

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 085 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-48.2N LONG 124-32.9W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.04	0.04
1.50	0.020	0.02	0.06
1.75	0.070	0.07	0.13
2.00	0.090	0.09	0.22
2.25	0.190	0.19	0.41
2.50	0.320	0.32	0.73
2.75	2.370	2.38	3.12
3.00	37.950	38.19	41.31
3.25	37.640	37.88	79.18
3.50	11.730	11.80	90.99
3.75	4.980	5.01	96.00
4.00	0.770	0.77	96.77
5.00	2.665	2.68	99.46
6.00	0.315	0.32	99.77
7.00	0.075	0.08	99.85
8.00	0.020	0.02	99.87
9.00	0.130	0.13	100.00

POST ANALYTICAL WEIGHT 99.375

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.77	3.09	0.14	29.96	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.60A	2.81A	2.92A	2.95A	3.04A	3.20A	3.33A	3.59A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.129	0.122	0.109	1.090	0.037	0.972

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.04	3.13	0.21	0.43	0.80	0.90

CRUISE DC014 STATION 085 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.10	0.22	1	0.43	5	1.28	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.13	0.43	4.54	44.93

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 085 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-48.2N LONG 124-32.9W WATER DEPTH 23 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.030	0.03	0.04
1.75	0.080	0.09	0.13
2.00	0.100	0.11	0.24
2.25	0.200	0.22	0.46
2.50	0.400	0.43	0.89
2.75	2.210	2.40	3.29
3.00	31.230	33.86	37.15
3.25	36.520	39.60	76.74
3.50	11.540	12.51	89.26
3.75	5.190	5.63	94.88
4.00	1.240	1.34	96.23
5.00	1.985	2.15	98.38
6.00	0.105	0.11	98.49
7.00	0.410	0.44	98.94
8.00	0.050	0.05	98.99
9.00	0.000	0.00	98.99
10.00	0.930	1.01	100.00

POST ANALYTICAL WEIGHT 92.230

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.23	2.76	1.01	25.53	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.54A	2.81A	2.93A	2.96A	3.05A	3.23A	3.37A	3.77A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.128	0.121	0.107	1.096	0.040	0.969

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.05	3.15	0.22	0.45	1.08	1.18

CRUISE DC014 STATION 085 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.12	0.25	1	0.47	5	1.48	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.20	0.76	6.28	49.93

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 086 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-48.6N LONG 124-34.3W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.040	0.04	0.06
1.75	0.090	0.08	0.15
2.00	0.120	0.11	0.26
2.25	0.250	0.23	0.49
2.50	0.480	0.44	0.93
2.75	2.620	2.42	3.36
3.00	49.220	45.53	48.89
3.25	36.700	33.95	82.83
3.50	11.410	10.55	93.39
3.75	4.370	4.04	97.43
4.00	0.500	0.46	97.89
5.00	1.040	0.96	98.85
6.00	0.125	0.12	98.97
7.00	1.113	1.03	100.00

POST ANALYTICAL WEIGHT 108.108

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.89	2.11	-0.00	46.39	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.52A	2.81A	2.92A	2.95A	3.00A	3.16A	3.27A	3.58L

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.130	0.125	0.112	1.076	0.032	0.966	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.00	3.09	0.18	0.52	1.09	1.23

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.06	0.20	1	0.50	5	1.49	4

CRUISE OC014 STATION 086 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.45	4.76	35.44

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 086 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-48.6N LONG 124-34.3W WATER DEPTH 26 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.25	0.000	0.00	0.00
0.50	0.020	0.02	0.02
0.75	0.010	0.01	0.03
1.00	0.010	0.01	0.04
1.25	0.030	0.03	0.07
1.50	0.040	0.04	0.12
1.75	0.100	0.11	0.22
2.00	0.100	0.11	0.33
2.25	0.160	0.17	0.50
2.50	0.330	0.35	0.86
2.75	2.240	2.40	3.25
3.00	24.140	25.83	29.08
3.25	33.330	35.66	64.74
3.50	14.610	15.63	80.37
3.75	9.320	9.97	90.34
4.00	2.280	2.44	92.78
5.00	4.560	4.88	97.66
6.00	0.815	0.87	98.53
7.00	0.165	0.18	98.71
8.00	0.155	0.17	98.88
9.00	0.055	0.06	98.94
10.00	0.995	1.06	100.00

POST ANALYTICAL WEIGHT 93.465

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	92.78	6.09	1.13	12.85	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.56A	2.81A	2.94A	2.98A	3.12A	3.40A	3.54A	4.22A

TRASK VALUES					
Q1	Q2	Q3	SO	LOG SO	SKG
0.127	0.115	0.095	1.156	0.063	0.952

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.12	3.24	0.30	0.39	1.31	1.34

CRUISE DC014 STATION 086 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.20	0.36	2	0.47	5	1.37	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.32	0.83	5.05	35.83

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 087 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-49.0N LONG 124-35.7W WATER DEPTH 27 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.010	0.01	0.03
1.75	0.060	0.06	0.09
2.00	0.110	0.11	0.21
2.25	0.200	0.21	0.41
2.50	0.380	0.39	0.81
2.75	1.900	1.97	2.77
3.00	20.150	20.85	23.63
3.25	34.000	35.19	58.82
3.50	15.320	15.86	74.67
3.75	10.510	10.88	85.55
4.00	2.270	2.35	87.90
5.00	9.530	9.86	97.76
6.00	0.870	0.90	98.66
7.00	0.180	0.19	98.85
8.00	0.055	0.06	98.91
9.00	0.065	0.07	98.97
10.00	0.075	0.08	99.05
11.00	0.065	0.07	99.12
12.00	0.853	0.88	100.00

POST ANALYTICAL WEIGHT 96.623

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	87.90	11.01	1.09	7.26	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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2.56A	2.84A	2.96A	3.01A	3.16A	3.50A	3.65A	4.57L
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TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.124	0.112	0.088	1.186	0.074	0.940

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.16	3.31	0.34	0.41	1.56	1.51

CRUISE OC014 STATION 087 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.26	0.44	2	0.51	5	1.44	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.42	0.98	5.67	44.49

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 087 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-49.0N LONG 124-35.7W WATER DEPTH 27 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.130	0.13	0.13
1.50	0.030	0.03	0.16
1.75	0.050	0.05	0.21
2.00	0.100	0.10	0.31
2.25	0.220	0.22	0.54
2.50	0.400	0.41	0.94
2.75	2.220	2.25	3.19
3.00	25.890	26.26	29.45
3.25	36.210	36.73	66.18
3.50	15.270	15.49	81.67
3.75	9.700	9.84	91.51
4.00	1.970	2.00	93.51
5.00	4.445	4.51	98.01
6.00	0.720	0.73	98.74
7.00	0.040	0.04	98.78
8.00	0.085	0.09	98.87
9.00	0.125	0.13	99.00
10.00	0.040	0.04	99.04
11.00	0.948	0.96	100.00

POST ANALYTICAL WEIGHT 98.593

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	93.51	5.37	1.12	14.41	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.52A	2.82A	2.94A	2.98A	3.11A	3.38A	3.51A	4.15A

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.127	0.116	0.096	1.147	0.060	0.954

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.11	3.22	0.28	0.40	1.31	1.34

CRUISE OC014 STATION 087 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.19	0.34	1	0.48	5	1.38	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.31	0.88	5.95	46.83

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 088 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-49.3N LONG 124-37.0W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.120	0.11	0.13
1.75	0.130	0.12	0.24
2.00	0.160	0.14	0.39
2.25	0.310	0.28	0.66
2.50	0.400	0.36	1.02
2.75	2.350	2.11	3.13
3.00	25.420	22.82	25.95
3.25	33.320	29.91	55.86
3.50	14.140	12.69	68.56
3.75	8.340	7.49	76.04
4.00	1.520	1.36	77.41
5.00	23.085	20.72	98.13
6.00	1.005	0.90	99.03
7.00	0.185	0.17	99.20
8.00	0.055	0.05	99.25
9.00	0.000	0.00	99.25
10.00	0.075	0.07	99.32
11.00	0.075	0.07	99.38
12.00	0.688	0.62	100.00

POST ANALYTICAL WEIGHT 111.398

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	77.41	21.84	0.75	3.43	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.49A	2.82A	2.95A	3.00A	3.17A	3.62A	4.18L	4.81A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.125	0.111	0.081	1.242	0.094	0.911

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.17	3.56	0.62	0.63	1.04	0.61

CRUISE OC014 STATION 088 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.43	0.61	3	0.64	5	1.30	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.50	0.95	4.45	35.62

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 088 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-49.3N LONG 124-37.0W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.030	0.04	0.06
1.75	0.100	0.12	0.18
2.00	0.100	0.12	0.30
2.25	0.120	0.14	0.44
2.50	0.300	0.36	0.80
2.75	1.530	1.82	2.61
3.00	19.110	22.70	25.31
3.25	27.530	32.70	58.02
3.50	13.900	16.51	74.53
3.75	7.430	8.83	83.36
4.00	2.100	2.49	85.85
5.00	10.070	11.96	97.81
6.00	1.140	1.35	99.17
7.00	0.190	0.23	99.39
8.00	0.040	0.05	99.44
9.00	0.135	0.16	99.60
10.00	0.205	0.24	99.85
11.00	0.025	0.03	99.88
12.00	0.105	0.12	100.00

POST ANALYTICAL WEIGHT 84.180

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	85.85	13.59	0.56	6.07	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.57A	2.84A	2.96A	3.00A	3.17A	3.50A	3.81A	4.62A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.125	0.111	0.088	1.191	0.076	0.946

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.17	3.38	0.42	0.49	1.32	1.09

CRUISE OC014 STATION 088 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.31	0.48	2	0.56	5	1.45	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.40	0.77	4.13	33.21

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 089 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-50.1N LONG 124-39.5W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.020	0.02	0.03
1.75	0.060	0.06	0.09
2.00	0.120	0.12	0.21
2.25	0.270	0.27	0.48
2.50	0.860	0.86	1.34
2.75	5.270	5.25	6.59
3.00	36.600	36.49	43.08
3.25	31.810	31.72	74.80
3.50	12.350	12.31	87.11
3.75	6.710	6.69	93.81
4.00	1.170	1.17	94.97
5.00	4.095	4.08	99.05
6.00	0.280	0.28	99.33
7.00	0.000	0.00	99.33
8.00	0.045	0.04	99.38
9.00	0.015	0.01	99.39
10.00	0.115	0.11	99.51
11.00	0.493	0.49	100.00

POST ANALYTICAL WEIGHT 100.293

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	94.97	4.41	0.62	18.88	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.44A	2.72A	2.86A	2.91A	3.04A	3.25A	3.42A	4.00A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.133	0.122	0.105	1.126	0.052	0.969

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.04	3.14	0.28	0.36	1.15	1.28

CRUISE OC014 STATION 089 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.11	0.34	1	0.43	5	1.54	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.18	0.70	6.83	67.06

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 089 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-50.1N LONG 124-39.5W WATER DEPTH 32 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.020	0.02	0.04
1.75	0.090	0.09	0.13
2.00	0.110	0.11	0.24
2.25	0.200	0.20	0.45
2.50	0.870	0.89	1.33
2.75	4.360	4.44	5.77
3.00	35.690	36.35	42.12
3.25	30.120	30.68	72.80
3.50	13.060	13.30	86.10
3.75	7.750	7.89	93.99
4.00	1.900	1.94	95.93
5.00	3.425	3.49	99.41
6.00	0.235	0.24	99.65
7.00	0.135	0.14	99.79
8.00	0.205	0.21	100.00

POST ANALYTICAL WEIGHT 98.190

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	95.93	4.07	=0.00	23.57	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.45A	2.73A	2.87A	2.92A	3.05A	3.28A	3.45A	3.86A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.132	0.121	0.103	1.134	0.055	0.963

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.05	3.16	0.29	0.39	0.86	0.96

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.12	0.32	1	0.42	5	1.28	4

CRUISE OC014 STATION 089 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.15	0.47	3.18	23.67

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 090 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-50.9N LONG 124-42.3W WATER DEPTH 40 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.030	0.03	0.05
1.75	0.130	0.12	0.17
2.00	0.200	0.18	0.35
2.25	0.350	0.31	0.66
2.50	1.070	0.95	1.61
2.75	13.020	11.55	13.16
3.00	45.950	40.77	53.93
3.25	29.780	26.43	80.36
3.50	11.860	10.52	90.88
3.75	6.480	5.75	96.63
4.00	1.000	0.89	97.52
5.00	1.775	1.58	99.10
6.00	0.185	0.16	99.26
7.00	0.070	0.06	99.32
8.00	0.010	0.01	99.33
9.00	0.000	0.00	99.33
10.00	0.005	0.00	99.34
11.00	0.748	0.66	100.00

POST ANALYTICAL WEIGHT 112.693

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	97.52	1.81	0.67	39.32	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.38A	2.69A	2.77A	2.83A	2.98A	3.18A	3.32A	3.57A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.140	0.127	0.111	1.126	0.052	0.979	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.04	0.27	0.26	0.56	0.61

CRUISE DC014 STATION 090 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FDLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.02	0.27	1	0.30	5	1.05	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.71	7.78	79.75

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 090 SAMPLER TYPE VV EX ID BBB
 DATE 07/23/67 LAT 47-50.9N LONG 124-42.3W WATER DEPTH 40 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.050	0.05	0.05
1.50	0.060	0.06	0.11
1.75	0.150	0.15	0.26
2.00	0.180	0.18	0.44
2.25	0.320	0.32	0.76
2.50	1.130	1.13	1.89
2.75	10.590	10.59	12.48
3.00	36.640	36.63	49.11
3.25	27.070	27.06	76.17
3.50	11.400	11.40	87.56
3.75	7.000	7.00	94.56
4.00	1.800	1.80	96.36
5.00	2.085	2.08	98.45
6.00	0.355	0.35	98.80
7.00	0.180	0.18	98.98
8.00	0.120	0.12	99.10
9.00	0.900	0.90	100.00

POST ANALYTICAL WEIGHT 100.030

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT	CLAY		
0.00	96.36	2.74	0.90	26.47	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.35A	2.67A	2.78A	2.85A	3.01A	3.23A	3.41A	3.79A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.139	0.125	0.106	1.142	0.058	0.976

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.01	3.09	0.31	0.29	0.72	0.80

CRUISE 0C014 STATION 090 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.07	0.33	1	0.34	5	1.20	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.14	0.68	5.11	38.38

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 091 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-51.6N LONG 124-45.3W WATER DEPTH 50 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.030	0.03	0.03
1.50	0.040	0.04	0.07
1.75	0.200	0.19	0.25
2.00	0.300	0.28	0.53
2.25	0.630	0.59	1.12
2.50	1.530	1.43	2.56
2.75	15.390	14.42	16.98
3.00	43.710	40.96	57.94
3.25	24.750	23.19	81.13
3.50	10.020	9.39	90.52
3.75	5.780	5.42	95.94
4.00	1.000	0.94	96.88
5.00	1.895	1.78	98.65
6.00	0.270	0.25	98.91
7.00	0.135	0.13	99.03
8.00	0.015	0.01	99.05
9.00	0.115	0.11	99.15
10.00	0.035	0.03	99.19
11.00	0.868	0.81	100.00

POST ANALYTICAL WEIGHT 106.713

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.88	2.17	0.95	31.05	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.21A	2.64A	2.75A	2.80A	2.95A	3.16A	3.31A	3.62A

TRASK VALUES						
Q1	Q2	Q3	S0	LOG S0	SKG	
0.143	0.130	0.112	1.130	0.053	0.977	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.95	3.03	0.28	0.29	0.65	0.75

CRUISE DC014 STATION 091 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.00	0.29	1	0.33	5	1.14	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.09	0.81	6.86	60.48

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 091 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-51.6N LONG 124-45.3W WATER DEPTH 50 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.040	0.04	0.06
1.75	0.150	0.16	0.22
2.00	0.220	0.23	0.45
2.25	0.420	0.43	0.88
2.50	0.710	0.73	1.61
2.75	12.150	12.58	14.19
3.00	36.690	37.97	52.16
3.25	23.930	24.77	76.93
3.50	10.200	10.56	87.49
3.75	6.650	6.88	94.37
4.00	1.850	1.91	96.28
5.00	2.010	2.08	98.36
6.00	0.465	0.48	98.85
7.00	0.295	0.31	99.15
8.00	0.145	0.15	99.30
9.00	0.105	0.11	99.41
10.00	0.440	0.46	99.87
11.00	0.130	0.13	100.00

POST ANALYTICAL WEIGHT 96.620

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.28	3.02	0.70	25.88	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
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2.30A	2.74A	2.76A	2.83A	2.98A	3.22A	3.40A	3.81A
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TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.141	0.126	0.107	1.146	0.059	0.973

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.98	3.08	0.32	0.31	0.91	0.66

CRUISE DC014 STATION 091 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.05	0.32	1	0.43	5	1.11	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.13	0.73	5.81	48.98

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 092 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-53.3N LONG 124-43.2W WATER DEPTH 37 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.050	0.05	0.05
1.50	0.070	0.06	0.11
1.75	0.100	0.09	0.20
2.00	0.130	0.12	0.32
2.25	0.290	0.26	0.58
2.50	0.410	0.37	0.96
2.75	3.450	3.15	4.11
3.00	39.250	35.85	39.96
3.25	38.290	34.97	74.92
3.50	14.030	12.81	87.74
3.75	7.460	6.81	94.55
4.00	1.190	1.09	95.64
5.00	3.640	3.32	98.96
6.00	0.100	0.09	99.05
7.00	0.130	0.12	99.17
8.00	0.020	0.02	99.19
9.00	0.000	0.00	99.19
10.00	0.120	0.11	99.30
11.00	0.768	0.70	100.00

POST ANALYTICAL WEIGHT 109.498

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	95.64	3.55	0.81	21.94	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.52A	2.78A	2.90A	2.94A	3.05A	3.25A	3.41A	3.84A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.130	0.121	0.105	1.113	0.046	0.967

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.05	3.16	0.25	0.42	1.03	1.10

CRUISE OC014 STATION 092 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.12	0.29	1	0.45	5	1.42	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.19	0.76	7.07	65.61

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 092 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-53.3N LONG 124-43.2W WATER DEPTH 37 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.090	0.07	0.07
1.50	0.380	0.31	0.39
1.75	0.100	0.08	0.47
2.00	0.240	0.20	0.67
2.25	0.490	0.40	1.07
2.50	1.100	0.91	1.98
2.75	20.990	17.30	19.28
3.00	44.820	36.95	56.23
3.25	28.430	23.43	79.66
3.50	11.300	9.31	88.97
3.75	8.130	6.70	95.68
4.00	2.020	1.67	97.34
5.00	2.570	2.12	99.46
6.00	0.315	0.26	99.72
7.00	0.035	0.03	99.75
8.00	0.045	0.04	99.79
9.00	0.025	0.02	99.81
10.00	0.015	0.01	99.82
11.00	0.170	0.14	99.96
12.00	0.050	0.04	100.00

POST ANALYTICAL WEIGHT 121.315

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	97.34	2.44	0.22	36.59	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.22A	2.72A	2.72L	2.79A	2.95A	3.18A	3.35A	3.70A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.145	0.129	0.111	1.143	0.058	0.980

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.95	3.03	0.31	0.27	0.81	0.55

CRUISE 0C014 STATION 092 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.01	0.31	1	0.39	5	1.04	3

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.05	0.55	6.22	80.68

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 093 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-54.2N LONG 124-42.3W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.010	0.01	0.03
1.75	0.090	0.09	0.11
2.00	0.140	0.13	0.25
2.25	0.290	0.28	0.53
2.50	0.670	0.64	1.17
2.75	4.180	4.00	5.17
3.00	38.090	36.48	41.65
3.25	36.240	34.71	76.36
3.50	13.170	12.61	88.97
3.75	6.400	6.13	95.10
4.00	1.020	0.98	96.08
5.00	3.795	3.63	99.71
6.00	0.245	0.23	99.95
7.00	0.050	0.05	100.00
8.00	0.000	0.00	100.00
9.00	0.005	0.00	100.00
10.00	0.000	0.00	100.00

POST ANALYTICAL WEIGHT 104.415

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	96.08	3.92	0.00	24.51	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.45A	2.75A	2.88A	2.93A	3.04A	3.23A	3.38A	3.73A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.131	0.122	0.106	1.111	0.046	0.972

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.04	3.13	0.25	0.36	0.80	0.99

CRUISE DC014 STATION 093 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.10	0.27	1	0.38	5	1.33	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.13	0.40	2.14	12.68

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 093 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-54.2N LONG 124-42.3W WATER DEPTH 31 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
0.50	0.000	0.00	0.00
0.75	0.010	0.01	0.01
1.00	0.090	0.09	0.10
1.25	0.030	0.03	0.13
1.50	0.080	0.08	0.21
1.75	0.060	0.06	0.27
2.00	0.090	0.09	0.36
2.25	0.160	0.16	0.52
2.50	0.480	0.48	1.01
2.75	5.020	5.06	6.06
3.00	35.770	36.04	42.10
3.25	31.540	31.78	73.88
3.50	14.590	14.70	88.58
3.75	6.720	6.77	95.35
4.00	1.520	1.53	96.88
5.00	2.450	2.47	99.35
6.00	0.285	0.29	99.63
7.00	0.115	0.12	99.75
8.00	0.035	0.04	99.78
9.00	0.025	0.03	99.81
10.00	0.115	0.12	99.92
11.00	0.065	0.07	99.99
12.00	0.010	0.01	100.00

POST ANALYTICAL WEIGHT 99.260

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	96.88	2.91	0.21	31.05	1

PHI-SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.50A	2.75A	2.86A	2.91A	3.05A	3.26A	3.40A	3.72A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.133	0.121	0.104	1.130	0.053	0.973

CRUISE OC014 STATION 093 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.05	3.13	0.27	0.30	0.68	0.78

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.10	0.28	1	0.34	5	1.13	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.14	0.52	5.88	71.31

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 094 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-54.5N LONG 124-41.7W WATER DEPTH 28 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.090	0.09	0.09
1.50	0.040	0.04	0.13
1.75	0.140	0.14	0.28
2.00	0.120	0.12	0.40
2.25	0.260	0.27	0.67
2.50	0.680	0.70	1.37
2.75	4.270	4.41	5.78
3.00	38.260	39.49	45.27
3.25	33.220	34.29	79.55
3.50	10.180	10.51	90.06
3.75	4.450	4.59	94.65
4.00	0.750	0.77	95.42
5.00	3.155	3.26	98.68
6.00	0.415	0.43	99.11
7.00	0.055	0.06	99.17
8.00	0.075	0.08	99.24
9.00	0.000	0.00	99.24
10.00	0.030	0.03	99.27
11.00	0.065	0.07	99.34
12.00	0.638	0.66	100.00

POST ANALYTICAL WEIGHT 96.893

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD
	SAND	SILT	CLAY	RATIO	CLASS
0.00	95.42	3.82	0.76	20.83	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.40A	2.74A	2.87A	2.92A	3.02A	3.19A	3.33A	3.85A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.132	0.123	0.110	1.098	0.040	0.975

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.02	3.10	0.23	0.36	1.22	1.45

CRUISE DC014 STATION 094 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.07	0.28	1	0.43	5	1.70	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.17	0.83	7.55	72.88

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 095 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-55.0N LONG 124-41.3W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.010	0.01	0.02
1.75	0.050	0.05	0.07
2.00	0.100	0.10	0.16
2.25	0.170	0.16	0.33
2.50	0.380	0.36	0.69
2.75	3.670	3.51	4.20
3.00	28.100	26.89	31.09
3.25	38.320	36.67	67.77
3.50	16.060	15.37	83.14
3.75	8.130	7.78	90.92
4.00	1.390	1.33	92.25
5.00	6.690	6.40	98.65
6.00	0.290	0.28	98.93
7.00	0.115	0.11	99.04
8.00	0.010	0.01	99.05
9.00	0.000	0.00	99.05
10.00	0.020	0.02	99.07
11.00	0.975	0.93	100.00

POST ANALYTICAL WEIGHT 104.490

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	92.25	6.80	0.95	11.90	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.59A	2.77A	2.91A	2.97A	3.10A	3.35A	3.52L	4.28L

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.128	0.116	0.098	1.141	0.057	0.964

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.10	3.22	0.31	0.36	1.37	1.45

CRUISE OC014 STATION 095 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.18	0.38	2	0.46	5	1.63	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.29	0.84	6.20	51.60

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 095 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-55.0N LONG 124-41.3W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.030	0.03	0.04
1.75	0.060	0.06	0.09
2.00	0.090	0.09	0.18
2.25	0.150	0.14	0.32
2.50	0.380	0.36	0.68
2.75	3.960	3.76	4.44
3.00	33.670	31.93	36.37
3.25	35.970	34.11	70.49
3.50	16.180	15.35	85.83
3.75	8.140	7.72	93.55
4.00	1.400	1.33	94.88
5.00	4.680	4.44	99.32
6.00	0.275	0.26	99.58
7.00	0.065	0.06	99.64
8.00	0.065	0.06	99.70
9.00	0.020	0.02	99.72
10.00	0.040	0.04	99.76
11.00	0.255	0.24	100.00

POST ANALYTICAL WEIGHT 105.440

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	94.88	4.82	0.30	18.53	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.59A	2.76A	2.89A	2.94A	3.08A	3.31A	3.46A	4.02A

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.130	0.118	0.101	1.136	0.055	0.970

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.08	3.17	0.28	0.32	1.08	1.19

CRUISE OC014 STATION 095 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND HARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.14	0.33	1	0.41	5	1.40	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.20	0.58	6.36	71.43

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 096 SAMPLER TYPE VV EX ID AAA

DATE 07/23/67 LAT 47-55.3N LONG 124-40.5W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.020	0.02	0.03
1.75	0.070	0.06	0.09
2.00	0.080	0.07	0.17
2.25	0.200	0.18	0.35
2.50	1.700	1.57	1.92
2.75	9.580	8.86	10.78
3.00	20.200	18.68	29.46
3.25	34.450	31.86	61.32
3.50	17.160	15.87	77.19
3.75	10.780	9.97	87.16
4.00	2.090	1.93	89.09
5.00	10.005	9.25	98.34
6.00	0.575	0.53	98.87
7.00	0.180	0.17	99.04
8.00	0.050	0.05	99.08
9.00	0.120	0.11	99.20
10.00	0.870	0.80	100.00

POST ANALYTICAL WEIGHT 108.140

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	89.09	10.00	0.91	8.17	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.44A	2.63A	2.84A	2.95A	3.15A	3.46A	3.56A	4.46L

TRASK VALUES

Q1	Q2	Q3	SO	LOG SO	SKG
0.129	0.113	0.091	1.191	0.076	0.960

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.15	3.20	0.36	0.14	1.11	1.54

CRUISE 0C014 STATION 096 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.18	0.46	2	0.29	4	1.48	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST. DEV.	SKEW.	KURT.
3.33	0.80	4.38	31.61

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 096 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-55.3N LONG 124-40.5W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.010	0.01	0.01
1.50	0.030	0.03	0.04
1.75	0.080	0.07	0.11
2.00	0.080	0.07	0.18
2.25	0.190	0.17	0.34
2.50	1.510	1.32	1.67
2.75	9.370	8.21	9.88
3.00	21.160	18.54	28.42
3.25	32.200	28.22	56.64
3.50	17.710	15.52	72.16
3.75	11.740	10.29	82.45
4.00	2.480	2.17	84.62
5.00	15.180	13.30	97.93
6.00	0.895	0.78	98.71
7.00	0.205	0.18	98.89
8.00	0.145	0.13	99.02
9.00	0.045	0.04	99.06
10.00	0.050	0.04	99.10
11.00	1.025	0.90	100.00

POST ANALYTICAL WEIGHT 114.105

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	84.62	14.39	0.99	5.50	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.46A	2.65A	2.85A	2.96A	3.18A	3.56L	3.92A	4.61L

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.128	0.110	0.085	1.231	0.090	0.943	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.18	3.38	0.53	0.39	0.84	0.83

CRUISE DC014 STATION 096 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.32	0.57	3	0.42	5	1.34	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.41	0.93	4.49	32.50

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 097 SAMPLER TYPE VV EX ID AAA
 DATE 07/23/67 LAT 47-55.7N LONG 124-40.0W WATER DEPTH 21 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
-2.00	0.000	0.00	0.00
-1.75	0.520	0.47	0.47
-1.50	0.050	0.04	0.51
-1.25	0.120	0.11	0.62
-1.00	0.200	0.18	0.80
-0.75	0.290	0.26	1.06
-0.50	0.300	0.27	1.33
-0.25	0.280	0.25	1.58
0.00	0.450	0.40	1.98
0.25	0.450	0.40	2.38
0.50	0.330	0.30	2.68
0.75	0.200	0.18	2.86
1.00	0.090	0.08	2.94
1.25	0.070	0.06	3.00
1.50	0.140	0.13	3.13
1.75	0.340	0.30	3.43
2.00	1.400	1.25	4.68
2.25	7.700	6.90	11.58
2.50	34.110	30.54	42.12
2.75	36.120	32.34	74.47
3.00	13.860	12.41	86.88
3.25	8.260	7.40	94.27
3.50	2.500	2.24	96.51
3.75	1.300	1.16	97.68
4.00	0.240	0.21	97.89
5.00	1.395	1.25	99.14
6.00	0.165	0.15	99.29
7.00	0.075	0.07	99.36
8.00	0.070	0.06	99.42
9.00	0.650	0.58	100.00

POST ANALYTICAL WEIGHT 111.675

GRAVEL	PERCENTAGES OF			SAND/MUD	SHEPARD		
	SAND	SILT	CLAY	RATIO	CLASS		
0.80	97.09	1.53	0.58	46.39	1		
PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
-0.80A	2.04A	2.32A	2.40A	2.54A	2.76A	2.93A	3.31A

CRUISE DC014 STATION 097 SAMPLER TYPE VV EX ID AAA
(CONTINUED)

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.189	0.171	0.148	1.131	0.053	0.974

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.54	2.63	0.31	0.27	0.44	1.09

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.60	0.34	1	0.24	4	1.47	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.57	0.83	0.76	24.93

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE OC014 STATION 097 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-55.7N LONG 124-40.0W WATER DEPTH 21 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.140	0.14	0.14
1.50	0.030	0.03	0.17
1.75	0.100	0.10	0.26
2.00	0.430	0.42	0.68
2.25	2.610	2.55	3.24
2.50	17.250	16.88	20.12
2.75	28.370	27.76	47.88
3.00	17.050	16.68	64.56
3.25	14.960	14.64	79.20
3.50	7.050	6.90	86.10
3.75	5.590	5.47	91.57
4.00	1.400	1.37	92.94
5.00	5.805	5.68	98.62
6.00	0.330	0.32	98.94
7.00	0.065	0.06	99.01
8.00	0.090	0.09	99.09
9.00	0.115	0.11	99.21
10.00	0.810	0.79	100.00

POST ANALYTICAL WEIGHT 102.195

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	92.94	6.15	0.91	13.16	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.08A	2.31A	2.46A	2.54A	2.78A	3.16A	3.41A	4.06A

TRASK VALUES

Q1	Q2	Q3	S0	LOG S0	SKG
0.172	0.146	0.112	1.240	0.093	0.953

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
2.78	2.94	0.47	0.34	0.85	0.84

CRUISE OC014 STATION 097 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
2.88	0.50	3	0.40	5	1.16	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
2.99	0.85	4.33	30.91

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 098 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-56.3N LONG 124-41.1W WATER DEPTH 29 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.020	0.02	0.02
1.50	0.030	0.03	0.05
1.75	0.110	0.11	0.16
2.00	0.120	0.12	0.28
2.25	0.320	0.32	0.59
2.50	2.040	2.01	2.61
2.75	14.500	14.31	16.92
3.00	20.320	20.06	36.98
3.25	25.290	24.97	61.94
3.50	12.250	12.09	74.04
3.75	7.910	7.81	81.85
4.00	1.660	1.64	83.48
5.00	11.020	10.88	94.36
6.00	2.635	2.60	96.96
7.00	0.920	0.91	97.87
8.00	0.925	0.91	98.79
9.00	0.490	0.48	99.27
10.00	0.410	0.40	99.67
11.00	0.325	0.32	100.00
12.00	0.005	0.00	100.00

POST ANALYTICAL WEIGHT 101.300

GRAVEL	PERCENTAGES OF			SAND/MUD RATIO	SHEPARD CLASS
	SAND	SILT	CLAY		
0.00	83.48	15.30	1.22	5.05	1

PHI SIZES AT PERCENT LEVELS OF							
1	5	16	25	50	75	84	95
2.37A	2.58A	2.74A	2.86A	3.11A	3.53L	4.07A	5.13A

TRASK VALUES						
Q1	Q2	Q3	SO	LOG SO	SKG	
0.138	0.116	0.087	1.261	0.101	0.943	

INMAN VALUES					
MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.11	3.41	0.66	0.44	1.12	0.92

CRUISE OC014 STATION 098 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES

MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.31	0.72	3	0.51	5	1.56	5

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)

MEAN	ST.DEV.	SKEW.	KURT.
3.42	1.06	3.17	16.54

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.

CRUISE DC014 STATION 099 SAMPLER TYPE VV EX ID BBB

DATE 07/23/67 LAT 47-56.7N LONG 124-41.9W WATER DEPTH 30 M

PHI SIZE	FRACTION WEIGHT	FRACTION PERCENT	ACCUMULATED PERCENT
1.00	0.000	0.00	0.00
1.25	0.040	0.04	0.04
1.50	0.020	0.02	0.06
1.75	0.070	0.07	0.12
2.00	0.080	0.08	0.20
2.25	0.150	0.14	0.34
2.50	0.850	0.81	1.16
2.75	9.090	8.69	9.85
3.00	25.790	24.67	34.52
3.25	31.490	30.12	64.63
3.50	13.850	13.25	77.88
3.75	9.050	8.66	86.53
4.00	1.880	1.80	88.33
5.00	10.325	9.87	98.21
6.00	0.670	0.64	98.85
7.00	0.175	0.17	99.01
8.00	0.020	0.02	99.03
9.00	0.020	0.02	99.05
10.00	0.125	0.12	99.17
11.00	0.080	0.08	99.25
12.00	0.785	0.75	100.00

POST ANALYTICAL WEIGHT 104.560

GRAVEL	PERCENTAGES OF SAND	SILT	CLAY	SAND/MUD RATIO	SHEPARD CLASS
0.00	88.33	10.70	0.97	7.57	1

PHI SIZES AT PERCENT LEVELS OF

1	5	16	25	50	75	84	95
2.49A	2.69A	2.83A	2.92A	3.10A	3.44A	3.57A	4.50L

TRASK VALUES

Q1	Q2	Q3	SD	LOG SD	SKG
0.132	0.116	0.092	1.196	0.078	0.949

INMAN VALUES

MEDIAN	MEAN	DEV.	SKEW.	2ND SK.	KURT.
3.10	3.20	0.37	0.27	1.32	1.44

CRUISE OC014 STATION 099 SAMPLER TYPE VV EX ID BBB
(CONTINUED)

FOLK AND WARD VALUES						
MEAN	DEV.	TYPE	SKEW.	TYPE	KURT.	TYPE
3.17	0.46	2	0.40	5	1.44	4

MOMENT MEASURES (WITHOUT SHEPPARD'S CORRECTIONS)			
MEAN	ST.DEV.	SKEW.	KURT.
3.33	0.96	5.61	45.52

NO SHEPPARD'S CORRECTIONS. PHI VALUES ARE NOT EQUALLY SPACED.