mwo09005062 1

OCEANOGRAPHIC LOG SHEET-R
NAVOCEANO-EXP-3167/18 (Rev.1-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE MARCH 1966

CRUISE NO. 00688

1. DATE TAKEN (Day, Mo., Yr.)	9 AUG 61	26 AUG 61	28 SEPT 61	28 SEPT 61	1 OCT 61	1 OCT 61	2 OCT 61	3 OCT 61
2. SAMPLE NO.	1	2	17	18	21	22	23	25
3. LABORATORY NO.	154-93	154-94	154-99	154-97	154-100	154-92	154-98	154-91
4. LATITUDE	65° 36' N	66° 57' N	68° 30' N	66° 38' N	61° 57' N	60° 30' N	57° 45' N	55° 09' N
5. LONGITUDE	37° 12' W	30° 00' W	65° 05' W	60° 40' W	64° 00' W	63° 00' W	60° 00' W	56° 58' W
6. WATER DEPTH (m)	51	220	86	516	320	320	172	187
7. TYPE SAMPLER	O.P.	—	O.P.	O.P.	O.P.	O.P.	O.P.	O.P.
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	[L] 5Y 2/1	[L] 5Y 3/2	[L] N-2	[L] 5Y 4/1	[L] 5Y 4/1	[L] 5Y 4/1	[L] 5GY 4/1	[L] N-2
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)			32		35		9	9
b. 4 to 2 mm (%)	1	1	5	4	20	14	4	1
c. 2 to 1 mm (%)	—	1	6	5	15	5	4	3
d. 1 to .500 mm (%)	1	2	6	4	15	9	8	8
e. .500 to .250 mm (%)	3	4	6	20	7	24	19	16
f. .250 to .125 mm (%)	7	12	11	44	8	24	24	33
g. .125 to .062 mm (%)	16	27	21	9	1	7	5	16
h. .062 to .031 mm (%)	24	23	11	7	TRACE	5	5	5
i. .031 to .016 mm (%)	13	8	1	2		2	3	1
j. .016 to .008 mm (%)	12	5	1	2		3	6	4
k. .008 to .004 mm (%)	9	6	1	2		3	7	TRACE
l. .004 to .002 mm (%)	5	2	TRACE	1		1	1	1
m. .002 to .001 mm (%)	3	2	TRACE	TRACE		1	1	1
n. < .001 mm (%)	7	7	1	2		2	4	2
o. Median Diameter (mm)	0.032	0.057	0.401	0.191	2.346	0.264	0.209	0.193
p. Sorting Coefficient	2.25	2.34	10.15	1.55	2.35	2.19	3.22	2.01
q. Skewness	0.84	0.68	5.54	1.08	0.59	1.13	0.55	1.22
r. Standard Deviation (mm)								
s. Sediment Type	SANDY SILT	SILTY SAND	GRAVELLY SAND	SAND	SANDY GRAVEL	SAND	SILTY SAND	SAND
t. Dominant Minerals (%)								
u. Secondary Minerals (%)								
v. Calcium Carbonate (%)	6	27	6	6	—	7	12	7
w. Organic Carbon (%)								

OCEANOGRAPHIC LOG SHEET-R
NAVOCEANO-EXP-3167/18 (Rev.1-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE MARCH 1966

CRUISE NO. 00688

1. DATE TAKEN (Day, Mo., Yr.)	4 OCT 61	4 OCT 61						
2. SAMPLE NO.	26	27						
3. LABORATORY NO.	154-101	154-102						
4. LATITUDE	54°34'N	52°57'N						
5. LONGITUDE	55°08'W	54°55'W						
6. WATER DEPTH (m)	187	201						
7. TYPE SAMPLER	O.P.	O.P.						
8. COLOR (GSA Rock Color Charts) F FIELD L LAB DETERMINATION	L N-2	L N-3						
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	TRACE	TRACE						
c. 2 to 1 mm (%)	TRACE	TRACE						
d. 1 to .500 mm (%)	2	7						
e. .500 to .250 mm (%)	11	23						
f. .250 to .125 mm (%)	44	53						
g. .125 to .062 mm (%)	34	12						
h. .062 to .031 mm (%)	5	1						
i. .031 to .016 mm (%)	1	1						
j. .016 to .008 mm (%)	1	TRACE						
k. .008 to .004 mm (%)	1	1						
l. .004 to .002 mm (%)	TRACE	TRACE						
m. .002 to .001 mm (%)	TRACE	1						
n. < .001 mm (%)	2	1						
o. Median Diameter (mm)	0.138	0.196						
p. Sorting Coefficient	1.46	1.41						
q. Skewness	0.97	1.05						
r. Standard Deviation (mm)								
s. Sediment Type	SAND	SAND						
t. Dominant Minerals (%)								
u. Secondary Minerals (%)								
v. Calcium Carbonate (%)	3	3						
w. Organic Carbon (%)								
11. REMARKS								

Item 154

68-0818

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 70° 27.5' "N
3. LONGITUDE 17° 30' "W
4. SAMPLE NO. 3
5. DATE TAKEN (DAY, MO., YR.) 28 August 1961
6. WATER DEPTH (m) 1500
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 75.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-067	154-068	154-069	154-070	154-071	154-072
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	15-20	30-35	45-50	60-65	70-75
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR4/2 L	10YR4/2 L	10YR4/2 L	10YR4/2 L	10YR4/2 L	10YR4/2 L
13. ODOR						
14. SIZE & COMPOSITION ANALYSIS						
a. > 4 (mm) (%)	–	–	–	3	4	–
b. 4 to 2 mm (%)	Trace	Trace	1	–	Trace	Trace
c. 2 to 1 mm (%)	Trace	Trace	Trace	1	1	Trace
d. 1 to .500 mm (%)	Trace	Trace	1	1	1	Trace
e. .500 to .250 mm (%)	Trace	Trace	1	2	2	Trace
f. .250 to .125 mm (%)	1	1	2	5	4	2
g. .125 to .062 mm (%)	1	1	4	4	3	2
h. .062 to .031 mm (%)						
i. .031 to .016 mm (%)	14	12	13	13	13	16
j. .016 to .008 mm (%)						
k. .008 to .004 mm (%)	25	22	13	14	16	18
l. .004 to .002 mm (%)						
m. .002 to .001 mm (%)	25	23	17	17	16	17
n. < .001 mm (%)	34	41	47	41	40	44
o. Median Diameter (mm)	0.002	0.002	0.001	0.002	0.002	0.002
p. Sorting Coefficient	3.89	4.30	7.71	8.21	8.20	6.08
q. Skewness	0.87	1.02	1.40	1.52	1.19	1.30
r. Standard Deviation (mm)						
s. Sediment Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay
t. Dominant Minerals (%)						
u. Secondary Minerals (%)						
v. Calcium Carbonate (%)	14	16	13	15	14	14
w. Organic Carbon (%)	0.81				0.35	

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 70° 15' "N
3. LONGITUDE 22° 25' "W
4. SAMPLE NO. 4
5. DATE TAKEN (DAY, MO., YR.) 30 August 1961
6. WATER DEPTH (m) 279.8
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 19.5
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-034	154-035	154-036
11. SUBSAMPLE DEPTH IN CORE (cm)	0-6	10-14	15.5-19.5
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR4/2 [L]	5Y3/1 [L]	5Y3/1 [L]
13. ODOR			
14. SIZE & COMPOSITION ANALYSIS			
a. > 4 (mm) (%)	1	2	2
b. 4 to 2 mm (%)	2	1	–
c. 2 to 1 mm (%)	1	2	Trace
d. 1 to .500 mm (%)	2	3	1
e. .500 to .250 mm (%)	2	6	4
f. .250 to .125 mm (%)	8	11	10
g. .125 to .062 mm (%)	10	21	26
h. .062 to .031 mm (%)			
i. .031 to .016 mm (%)	23	27	30
j. .016 to .008 mm (%)			
k. .008 to .004 mm (%)	17	9	9
l. .004 to .002 mm (%)			
m. .002 to .001 mm (%)	14	7	6
n. < .001 mm (%)	20	11	11
o. Median Diameter (mm)	0.015	0.053	0.045
p. Sorting Coefficient	6.45	3.30	2.82
q. Skewness	0.56	0.52	0.59
r. Standard Deviation (mm)			
s. Sediment Type	Silty Mud	Silty Sand	Silty Sand
t. Dominant Minerals (%)			
u. Secondary Minerals (%)			
v. Calcium Carbonate (%)	10	6	3
w. Organic Carbon (%)		0.52	

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 70° 20' " N
3. LONGITUDE 20° 01' " W
4. SAMPLE NO. 5
5. DATE TAKEN (DAY, MO., YR.) 31 August 1961
6. WATER DEPTH (m) 307.2
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 19.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-041	154-042	154-043
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	7-12	14-19
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5GY3/1 L	5GY3/1 L	5GY3/1 L
13. ODOR			
14. SIZE & COMPOSITION ANALYSIS			
a. > 4 (mm) (%)		10	6
b. 4 to 2 mm (%)	—	11	2
c. 2 to 1 mm (%)	1	6	2
d. 1 to .500 mm (%)	1	3	4
e. .500 to .250 mm (%)	1	4	6
f. .250 to .125 mm (%)	4	6	10
g. .125 to .062 mm (%)	9	8	11
h. .062 to .031 mm (%)			
i. .031 to .016 mm (%)	38	26	22
j. .016 to .008 mm (%)			
k. .008 to .004 mm (%)	13	7	11
l. .004 to .002 mm (%)			
m. .002 to .001 mm (%)	13	6	7
n. < .001 mm (%)	20	13	19
o. Median Diameter (mm)	0.017	0.053	0.035
p. Sorting Coefficient	4.89	10.52	7.06
q. Skewness	0.23	4.70	0.43
r. Standard Deviation (mm)			
s. Sediment Type	Clayey Silt	Gravelly Sandy Silt	Sandy-Silty Mud
t. Dominant Minerals (%)			
u. Secondary Minerals (%)			
v. Calcium Carbonate (%)	8	6	5
w. Organic Carbon (%)	0.69		

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 70° 21' " N
3. LONGITUDE 19° 00' " W
4. SAMPLE NO. 6
5. DATE TAKEN (DAY, MO., YR.) 1 September 1961
6. WATER DEPTH (m) 928.6
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 69.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-073	154-074	154-075	154-076	154-077	154-078	154-079	154-080					
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	8-12	12-17	25-30	35-40	46-51	56-60	65-69					
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR5/2 & L N6	10YR5/2 & L N6	10YR5/2 & L N6	10YR4/2 & L N5	10YR4/2 & L N5	10YR4/2 & L N5	10YR4/2 & L N5	10YR4/2 & L N5					
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	8	–	1	4	22	11	–	33					
b. 4 to 2 mm (%)	–	1	2	1	2	2	1	2					
c. 2 to 1 mm (%)	Trace	1	2	1	1	3	1	2					
d. 1 to .500 mm (%)	Trace	1	3	3	2	3	2	2					
e. .500 to .250 mm (%)	1	1	5	6	4	7	3	4					
f. .250 to .125 mm (%)	2	2	7	10	6	10	7	6					
g. .125 to .062 mm (%)	8	5	8	8	5	7	8	6					
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	30	29	23	16	11	13	19	10					
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	14	16	13	12	12	10	15	9					
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	14	16	10	11	10	10	13	8					
n. < .001 mm (%)	22	28	26	28	25	24	32	18					
o. Median Diameter (mm)	0.014	0.007	0.016	0.014	0.024	0.029	0.007	0.222					
p. Sorting Coefficient	5.85	6.50	9.74	12.80	42.48	15.50	8.81	70.84					
q. Skewness	0.28	0.48	0.25	0.42	2.50	0.36	0.64	1.11					
r. Standard Deviation (mm)													
s. Sediment Type	Clayey Silt	Clayey Silt	Silty Clayey Mud	Clayey Mud	Silty Gravelly Clay	Clayey Mud	Clayey Mud	Sandy Clayey Gravel					
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	10	10	8	11	10	10	9	10					
w. Organic Carbon (%)	0.68						0.83						

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE February, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 74° 58' " N
3. LONGITUDE 58° 59' " W
4. SAMPLE NO. 7
5. DATE TAKEN (DAY, MO., YR.) 17 September 1961
6. WATER DEPTH (m) 356.6
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 50.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-004	154-005	154-006	154-007	154-008	154-009	154-010						
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	9-13	18-22	27-32	32-36	36-40	45-50						
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5Y4/2 L	5Y4/2 L	5Y4/2 L	5Y4/2 L	5Y4/2 L	5Y4/2 L	5Y4/1 L						
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	—	—	—	—	3	—	19						
b. 4 to 2 mm (%)	8	Trace	1	1	4	1	5						
c. 2 to 1 mm (%)	4	Trace	Trace	1	3	2	7						
d. 1 to .500 mm (%)	4	1	2	1	7	4	12						
e. .500 to .250 mm (%)	5	2	2	3	9	6	14						
f. .250 to .125 mm (%)	6	4	4	5	9	9	8						
g. .125 to .062 mm (%)	5	5	6	8	9	13	4						
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	13	18	16	21	17	35	6						
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	14	25	16	16	10	8	6						
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	22	25	27	22	14	23	18						
n. < .001 mm (%)	20	19	26	22	15								
o. Median Diameter (mm)	0.009	0.005	0.006	0.006	0.040	0.033	0.358						
p. Sorting Coefficient	10.26	4.00	3.85	5.64	9.78	4.12	9.81						
q. Skewness	2.69	1.08	1.32	1.19	0.47	0.51	0.25						
r. Standard Deviation (mm)													
s. Sediment Type	Clayey Mud	Silty Clay	Silty Clay	Silty Clay	Sandy Mud	Silty Mud	Clayey Gravelly Sand						
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	9	9	8	9	8	6	4						
w. Organic Carbon (%)	1.48												

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 78° 05' " N
3. LONGITUDE 74° 18' " W
4. SAMPLE NO. 9
5. DATE TAKEN (DAY, MO., YR.) 23 September 1961
6. WATER DEPTH (m) 631
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 70.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-081	154-082	154-083	154-084	154-085	154-086	154-087	154-088	154-089				
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	9-13	14-20	23-27	33-37	37-43	48-54	58-62	66-70				
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5Y4/1 & L 5Y2/1	5Y4/1 & L 5Y2/1	10Y4/4 & L 5Y4/1	5R4/2 L	5R4/2 L	5R4/2, 5P4/2, L & N5	10R4/4, 5P4/2, L & N5	5P4/2 & L N5	5P4/2 & L N5				
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	35	46	16	6	2	12	21	53					
b. 4 to 2 mm (%)	2	1	1	5	1	3	1	1					
c. 2 to 1 mm (%)	2	1	2	2	3	3	2	2	—				
d. 1 to .500 mm (%)	5	2	3	2	3	4	5	3	1				
e. .500 to .250 mm (%)	8	4	5	2	4	6	7	5	3				
f. .250 to .125 mm (%)	12	6	11	4	6	7	4	6	3				
g. .125 to .062 mm (%)	11	6	13	3	4	6	2	3	2				
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	8	7	12	10	11	10	6	3	1				
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	5	8	10	14	13	10	11	3	2				
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	5	7	10	16	15	10	11	3	13				
n. < .001 mm (%)	7	12	17	36	38	29	31	17	75				
o. Median Diameter (mm)	0.277	0.559	0.067	0.004	0.003	0.019	0.011	16.223	0.0003				
p. Sorting Coefficient	16.82	38.70	10.48	12.41	12.57	23.33	36.54	22.61	3.16				
q. Skewness	12.29	0.70	0.21	2.01	1.58	0.72	3.97	0.00	1.11				
r. Standard Deviation (mm)													
s. Sediment Type	Gravelly Sand	Muddy Gravel	Sandy Mud	Silty Clay	Silty Clay	Clayey Mud	Sandy Gravelly Clay	Clayey Gravel	Clay				
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	14	20	19	18	12	18	8	7	12				
w. Organic Carbon (%)	0.58								0.69				

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE _____

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 75° 55 ' " N
3. LONGITUDE 74° 30 ' " W
4. SAMPLE NO. 10
5. DATE TAKEN (DAY, MO., YR.) 24 September 1961
6. WATER DEPTH (m) 384
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 29
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-011	154-012	154-013	154-014									
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	8-12	16-20	24-29									
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5Y3/2	5Y3/2	5YR3/1	5YR3/1									
	L	L	L	L									
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)		4	10	5									
b. 4 to 2 mm (%)	—	3	3	3									
c. 2 to 1 mm (%)	Trace	4	3	3									
d. 1 to .500 mm (%)	2	8	5	5									
e. .500 to .250 mm (%)	5	13	7	8									
f. .250 to .125 mm (%)	7	15	9	10									
g. .125 to .062 mm (%)	6	8	8	9									
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	23	15	16	18									
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	25	11	12	12									
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	20	19	8	9									
n. < .001 mm (%)	12		18	18									
o. Median Diameter (mm)	0.011	0.096	0.043	0.035									
p. Sorting Coefficient	4.16	6.45	10.61	8.66									
q. Skewness	1.04	0.33	0.58	0.50									
r. Standard Deviation (mm)													
s. Sediment Type	Silty Mud	Silty Sand	Sandy Mud	Sandy Mud									
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	16	10	17	17									
w. Organic Carbon (%)	2.19												

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 75° 00' " N
3. LONGITUDE 74° 59' " W
4. SAMPLE NO. 11
5. DATE TAKEN (DAY, MO., YR.) 25 September 1961
6. WATER DEPTH (m) 510.2
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 31.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-015	154-016	154-017	154-018									
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	9-13	17-21	25-31									
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5Y3/2 [L]	5Y3/2 [L]	5Y3/2 [L]	5Y3/2 [L]									
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	—		—	6									
b. 4 to 2 mm (%)	1	—	1	2									
c. 2 to 1 mm (%)	1	Trace	1	2									
d. 1 to .500 mm (%)	1	1	3	3									
e. .500 to .250 mm (%)	2	2	5	6									
f. .250 to .125 mm (%)	4	5	9	8									
g. .125 to .062 mm (%)	8	14	13	9									
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	13	15	24	19									
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	20	14	13	13									
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	25	22	14	11									
n. < .001 mm (%)	24	26	17	21									
o. Median Diameter (mm)	0.004	0.004	0.022	0.023									
p. Sorting Coefficient	5.15	7.25	6.29	9.57									
q. Skewness	1.58	2.11	0.41	0.46									
r. Standard Deviation (mm)													
s. Sediment Type	Silty Clay	Clayey Mud	Silty Mud	Silty-Clayey Mud									
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	14	16	14	19									
w. Organic Carbon (%)	1.73												

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 75° 00' "N
3. LONGITUDE 70° 00' "W
4. SAMPLE NO. 12
5. DATE TAKEN (DAY, MO., YR.) 25 September 1961
6. WATER DEPTH (m) 914
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 49.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-019	154-020	154-021	154-022	154-023	154-024
11. SUBSAMPLE DEPTH IN CORE (cm)	0-6	12-17	22-26	30-34	38-42	45-49
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5Y4/1 L	5YR4/1 L	5YR4/1 L	5YR4/1 L	5YR4/1 L	5YR4/1 L
13. ODOR						
14. SIZE & COMPOSITION ANALYSIS						
a. > 4 (mm) (%)		12	8	36	14	33
b. 4 to 2 mm (%)	3	8	6	5	3	1
c. 2 to 1 mm (%)	2	5	6	4	3	1
d. 1 to .500 mm (%)	5	6	8	6	4	2
e. .500 to .250 mm (%)	9	9	10	7	5	4
f. .250 to .125 mm (%)	9	9	10	6	6	6
g. .125 to .062 mm (%)	7	6	7	4	5	6
h. .062 to .031 mm (%)						
i. .031 to .016 mm (%)	12	11	12	8	12	8
j. .016 to .008 mm (%)						
k. .008 to .004 mm (%)	9	10	9	6	12	9
l. .004 to .002 mm (%)						
m. .002 to .001 mm (%)	14	8	8	5	11	10
n. < .001 mm (%)	30	16	15	13	25	21
o. Median Diameter (mm)	0.010	0.115	0.110	0.521	0.020	0.073
p. Sorting Coefficient	16.22	13.99	11.36	28.03	21.08	96.93
q. Skewness	0.93	0.33	0.30	0.90	1.08	5.67
r. Standard Deviation (mm)						
s. Sediment Type	Clayey Mud	Gravelly-Silty Clayey Sand	Sandy Mud	Sandy Gravel	Clayey Mud	Clayey Gravel
t. Dominant Minerals (%)						
u. Secondary Minerals (%)						
v. Calcium Carbonate (%)	7	8	6	9	13	13
w. Organic Carbon (%)	0.70					

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 71° 42' " N
3. LONGITUDE 68° 35' " W
4. SAMPLE NO. 13
5. DATE TAKEN (DAY, MO., YR.) 26 September 1961
6. WATER DEPTH (m) 1920
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 64.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-057	154-058	154-066	154-059	154-060	154-061	154-062	154-063	154-064	154-065			
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	10-16	20-23	23-26	26-32	39-43	43-47	47-51	51-53.5	58-64			
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR4/2 L	10YR6/2 L	10YR6/2 L	10YR6/2 L	5Y6/1 L	5Y6/1 & N5 L	10YR4/2 & N5 L	10YR6/2 & 5Y4/1 L	5Y4/1 L	5Y4/1 L			
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	5	1	19		1	2	9	2	–	9			
b. 4 to 2 mm (%)	1	3	5	Trace	3	3	Trace	4	1	2			
c. 2 to 1 mm (%)	1	3	4	1	3	2	1	5	1	2			
d. 1 to .500 mm (%)	2	4	6	2	3	3	3	6	1	2			
e. .500 to .250 mm (%)	4	8	9	3	5	5	3	7	2	2			
f. .250 to .125 mm (%)	4	7	6	4	6	7	3	7	2	3			
g. .125 to .062 mm (%)	3	4	3	4	6	8	3	4	2	3			
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	11	15	8	17	20	24	10	10	7	9			
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	15	16	9	19	17	16	11	12	19	18			
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	21	16	12	20	14	12	22	20	23	16			
n. < .001 mm (%)	33	22	19	30	22	17	34	22	42	34			
o. Median Diameter (mm)	0.003	0.011	0.093	0.004	0.013	0.021	0.003	0.009	0.002	0.004			
p. Sorting Coefficient	7.37	10.45	28.00	5.88	7.59	6.19	8.64	13.66	4.96	9.30			
q. Skewness	2.17	1.57	0.40	1.17	0.67	0.63	3.69	3.11	0.99	1.58			
r. Standard Deviation (mm)													
s. Sediment Type	Silty Clay	Clayey Mud	Gravelly Sandy Cly	Silty Clay	Silty Mud	Silty Mud	Silty Clay	Clayey Mud	Silty Clay	Silty Clay			
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	2.5	38	26	32	44	43	22	25	30	32			
w. Organic Carbon (%)	0.95						0.49						

15. REMARKS

A with trace of gray

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 71° 30' " N
3. LONGITUDE 65° 08' " W
4. SAMPLE NO. 14
5. DATE TAKEN (DAY, MO., YR.) 27 September 1961
6. WATER DEPTH (m) —
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 67.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-048	154-049	154-050	154-051	154-052	154-053	154-054	154-055	154-056				
11. SUBSAMPLE DEPTH IN CORE (cm)	0-6	10-15	18-23	27-32	36-40	40-44	44-48	48-54	61-67				
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR6/2 & L 10YR4/2	10YR6/2 & L 10YR4/2	10YR6/2 & L 10YR2/2	10YR6/2 & L 10YR2/2	5Y4/1 L	5Y4/1 & L N4	N4 L	5YR6/1, 5Y6/1, L & N4	5Y5/2 & L N4				
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	5	—	18		—	2	—	1	—				
b. 4 to 2 mm (%)	Trace	Trace	2		Trace	4	Trace	2	Trace				
c. 2 to 1 mm (%)	1	1	2	—	2	1	1	2	1				
d. 1 to .500 mm (%)	1	2	3	Trace	1	2	2	4	1				
e. .500 to .250 mm (%)	1	3	3		2	3	4	5	1				
f. .250 to .125 mm (%)	1	4	4	1	3	4	4	6	2				
g. .125 to .062 mm (%)	1	3	5		2	4	4	6	1				
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	5	10	18	8	12	13	14	23	5				
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	17	17	16	26	14	13	14	17	19				
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	34	25	11	23	20	18	18	12	25				
n. < .001 mm (%)	34	35	18	42	44	35	38	21	45				
o. Median Diameter (mm)	0.002	0.002	0.024	0.002	0.002	0.003	0.002	0.015	0.001				
p. Sorting Coefficient	3.24	5.09	14.41	4.47	6.10	9.26	7.65	6.90	5.15				
q. Skewness	1.17	1.23	2.76	0.70	1.31	1.53	1.50	0.57	0.63				
r. Standard Deviation (mm)													
s. Sediment Type	Silty Clay	Silty Clay	Gravelly Clayey Silt	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Clayey Silt	Silty Clay				
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	21	26	45	31	13	29	23	42	19				
w. Organic Carbon (%)	0.78							0.13	0.64				

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 70° 40' " N
3. LONGITUDE 60° 04' " W
4. SAMPLE NO. 15
5. DATE TAKEN (DAY, MO., YR.) 27 September 1961
6. WATER DEPTH (m) 630
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 40.0
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-001	154-002	154-003										
11. SUBSAMPLE DEPTH IN CORE (cm)	0-8	17-23	32-40										
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5GY4/1 & N1	5GY4/1 & N1	5GY4/1										
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)													
b. 4 to 2 mm (%)	—												
c. 2 to 1 mm (%)		Trace	—										
d. 1 to .500 mm (%)	1	Trace	Trace										
e. .500 to .250 mm (%)	Trace	Trace	Trace										
f. .250 to .125 mm (%)			Trace										
g. .125 to .062 mm (%)	1	1	Trace										
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	15	22	32										
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	26	24	24										
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	29	24	20										
n. < .001 mm (%)	28	29	24										
o. Median Diameter (mm)	0.003	0.003	0.006										
p. Sorting Coefficient	3.42	4.16	3.85										
q. Skewness	0.96	0.96	0.68										
r. Standard Deviation (mm)													
s. Sediment Type	Silty Clay	Silty Clay	Clayey Silt										
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	14	14	7										
w. Organic Carbon (%)	1.32												

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 69° 12' " N
3. LONGITUDE 60° 05' " W
4. SAMPLE NO. 16
5. DATE TAKEN (DAY, MO., YR.) 27 September 1961
6. WATER DEPTH (m) —
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 35.5
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-025	154-026	154-027	154-028
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	10-14	20-24	31-35.5
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR2/2 L	N4 L	N4 L	N4 L
13. ODOR				
14. SIZE & COMPOSITION ANALYSIS				
a. > 4 (mm) (%)	—			
b. 4 to 2 mm (%)	Trace			—
c. 2 to 1 mm (%)			—	Trace
d. 1 to .500 mm (%)	1	1	Trace	Trace
e. .500 to .250 mm (%)	1	Trace	Trace	Trace
f. .250 to .125 mm (%)	1	1		Trace
g. .125 to .062 mm (%)	1	1	1	Trace
h. .062 to .031 mm (%)				
i. .031 to .016 mm (%)	8	2	5	5
j. .016 to .008 mm (%)				
k. .008 to .004 mm (%)	21	18	17	17
l. .004 to .002 mm (%)				
m. .002 to .001 mm (%)	35	40	36	35
n. < .001 mm (%)	31	37	40	42
o. Median Diameter (mm)	0.002	0.002	0.001	0.001
p. Sorting Coefficient	2.95	2.42	2.72	3.00
q. Skewness	1.07	0.93	0.94	0.85
r. Standard Deviation (mm)				
s. Sediment Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay
t. Dominant Minerals (%)				
u. Secondary Minerals (%)				
v. Calcium Carbonate (%)	24	22	21	19
w. Organic Carbon (%)	0.70		0.71	

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 66° 45' " N
3. LONGITUDE 59° 00' " W
4. SAMPLE NO. 19
5. DATE TAKEN (DAY, MO., YR.) 29 September 1961
6. WATER DEPTH (m) 814
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 24
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-044	154-045	154-046	154-047									
11. SUBSAMPLE DEPTH IN CORE (cm)	0-4	8-12	12-16	20-24									
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR 4/2, 5Y 4/1, L & N4	10YR 4/2, 5Y 4/1, L & N4	10YR 4/2, 5Y 4/1, L & N4	10YR 4/2, 5Y 4/1, L & N4									
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 (mm) (%)	–	1	5	32									
b. 4 to 2 mm (%)	9	3	4	9									
c. 2 to 1 mm (%)	5	4	5	9									
d. 1 to .500 mm (%)	4	4	5	12									
e. .500 to .250 mm (%)	4	5	4	7									
f. .250 to .125 mm (%)	5	6	7	6									
g. .125 to .062 mm (%)	7	9	10	7									
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	27	29	27	10									
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	12	13	8	2									
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	14	10	10	6									
n. < .001 mm (%)	13	16	15										
o. Median Diameter (mm)	0.028	0.026	0.039	1.064									
p. Sorting Coefficient	7.16	5.88	6.80	7.91									
q. Skewness	0.70	0.50	0.68	0.94									
r. Standard Deviation (mm)													
s. Sediment Type	Silty Mud	Silty Mud	Silty Mud	Gravelly Sand									
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	21	21	21	26									
w. Organic Carbon (%)	0.52												

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 64° 54' " N
3. LONGITUDE 57° 28' " W
4. SAMPLE NO. 20
5. DATE TAKEN (DAY, MO., YR.) 29 September 1961
6. WATER DEPTH (m) 686
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 33.5
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-029	154-030	154-031	154-032	154-033
11. SUBSAMPLE DEPTH IN CORE (cm)	0-6	10-16	16-20	23-27	30-33.5
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5Y4/1 L	5Y4/1 & 5Y3/2 L	5Y3/2 L	5Y3/2 L	5Y3/2 L
13. ODOR					
14. SIZE & COMPOSITION ANALYSIS					
a. > 4 (mm) (%)	17	12	—	—	—
b. 4 to 2 mm (%)	3	9	1	Trace	Trace
c. 2 to 1 mm (%)	3	4	2	2	1
d. 1 to .500 mm (%)	4	5	3	3	2
e. .500 to .250 mm (%)	6	7	4	4	4
f. .250 to .125 mm (%)	5	9	8	8	8
g. .125 to .062 mm (%)	6	12	16	14	15
h. .062 to .031 mm (%)					
i. .031 to .016 mm (%)	17	19	30	30	29
j. .016 to .008 mm (%)					
k. .008 to .004 mm (%)	15	10	14	16	18
l. .004 to .002 mm (%)					
m. .002 to .001 mm (%)	10	6	14	13	15
n. < .001 mm (%)	13	8	8	10	8
o. Median Diameter (mm)	0.041	0.096	0.030	0.026	0.024
p. Sorting Coefficient	12.70	7.70	4.01	4.07	4.08
q. Skewness	2.31	2.02	0.58	0.60	0.63
r. Standard Deviation (mm)					
s. Sediment Type	Silty Mud	Gravelly Silty Sand	Silty Mud	Silty Mud	Silty Mud
t. Dominant Minerals (%)					
u. Secondary Minerals (%)					
v. Calcium Carbonate (%)	36	30	17	15	16
w. Organic Carbon (%)	0.36			0.78	

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY _____

DATE March, 1963

NAVOCEANO-EXP-3167/18-A (Rev. 1-63)

1. CRUISE NO. 00688
2. LATITUDE 56° 52' " N
3. LONGITUDE 56° 40' " W
4. SAMPLE NO. 24
5. DATE TAKEN (DAY, MO., YR.) 3 October 1961
6. WATER DEPTH (m) 2413
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 270
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	154-037	154-038	154-039	154-040
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	9-13	16-20	23-27
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	5GY6/1 [L]	10YR6/2 [L]	10YR6/2 [L]	10YR6/2 & 5GY6/1 [L]
13. ODOR				
14. SIZE & COMPOSITION ANALYSIS				
a. > 4 (mm) (%)	–	–	–	
b. 4 to 2 mm (%)	1	1	1	–
c. 2 to 1 mm (%)	1	Trace	Trace	Trace
d. 1 to .500 mm (%)	2	Trace	Trace	Trace
e. .500 to .250 mm (%)	2	1	Trace	1
f. .250 to .125 mm (%)	3	2	2	1
g. .125 to .062 mm (%)	5	3	2	3
h. .062 to .031 mm (%)				
i. .031 to .016 mm (%)	29	31	25	26
j. .016 to .008 mm (%)				
k. .008 to .004 mm (%)	22	23	26	28
l. .004 to .002 mm (%)				
m. .002 to .001 mm (%)	19	18	19	17
n. < .001 mm (%)	16	20	25	25
o. Median Diameter (mm)	0.010	0.008	0.006	0.006
p. Sorting Coefficient	4.08	4.20	4.38	4.41
q. Skewness	0.67	0.57	0.63	0.56
r. Standard Deviation (mm)				
s. Sediment Type	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
t. Dominant Minerals (%)				
u. Secondary Minerals (%)				
v. Calcium Carbonate (%)	29	29	36	39
w. Organic Carbon (%)	0.38			

15. REMARKS