68-0814

Lab. item 166

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1

CORE ANALYSIS SUMMARY SHEET

SEDIMENT SIZE AND COMPOSITION

MGG09005069

NAVOCEANO-EXP-3167/18-A (10-62)

ANALYZED BY _____ DATE 1 Aug. 1962

1. CRUISE NO.		4. SAMPLE NO. 2a	7. TYPE CORER Phleger
2. LATITUDE 25° 49.2' " N		5. DATE TAKEN (DAY, MO., YR.) 15 June 1962	8. CORE LENGTH (cm) 23.5
3. LONGITUDE 71° 32' " W		6. WATER DEPTH (m) 5394	9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	9037	9038	9039											
11. SUBSAMPLE DEPTH IN CORE (cm)	2-7	14.5-17	17-23.5											
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR6/2 [L]	10YR4/2 [L]	10YR6/2 [L]											
13. ODOR														
14. SIZE & COMPOSITION ANALYSIS														
a. > 4 mm (%)														
b. 4 to 2 mm (%)														
c. 2 to 1 mm (%)														
d. 1 to .500 mm (%)			Trace											
e. .500 to .250 mm (%)			Trace											
f. .250 to .125 mm (%)	—	—	Trace											
g. .125 to .062 mm (%)	Trace	Trace	Trace											
h. .062 to .031 mm (%)														
i. .031 to .016 mm (%)	16	61	18											
j. .016 to .008 mm (%)														
k. .008 to .004 mm (%)	25	23	34											
l. .004 to .002 mm (%)														
m. .002 to .001 mm (%)	10	1	7											
n. < .001 mm (%)	49	15	41											
o. Median Diameter (mm)	0.001	0.035	0.003											
p. Sorting Coefficient	5.22	6.90												
q. Skewness	1.75	0.97												
r. Standard Deviation (mm)														
s. Sediment Type	Silty Clay	Silt	Silty Clay											
t. Dominant Minerals (%)														
u. Secondary Minerals (%)														
v. Calcium Carbonate (%)	18	12	14											
w. Organic Carbon (%)	0.81	—	—											

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

MGG09005069

ANALYZED BY Code 3527 DATE 2 Aug. 1962

NAVOCEANO-EXP-3167/18-A (10-62)

1. CRUISE NO.
2. LATITUDE 25° 48' " N
3. LONGITUDE 72° 16' " W
4. SAMPLE NO. 3a
5. DATE TAKEN (DAY, MO., YR.) 15 June 1962
6. WATER DEPTH (m) 5258
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 39.7
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	9044	9045	9046	9047	9048
11. SUBSAMPLE DEPTH IN CORE (cm)	0-8	10-15	20-25	30-35	35-39.7
12. COLOR (GSA ROCK COLOR CHART) [E] FIELD [L] LAB DETERMINATION	Between 10YR6/2 & L 10YR4/2	Between 10YR6/2 & L 10YR4/2	Between 10YR6/2 & L 10YR4/2	Between 10YR6/2 & L 10YR4/2	Between 10YR6/2 & L 10YR4/2
13. ODOR					
14. SIZE & COMPOSITION ANALYSIS					
a. > 4 mm (%)					
b. 4 to 2 mm (%)	—	—	—		—
c. 2 to 1 mm (%)		—			—
d. 1 to .500 mm (%)					—
e. .500 to .250 mm (%)	Trace		Trace	Trace	
f. .250 to .125 mm (%)		Trace			Trace
g. .125 to .062 mm (%)					
h. .062 to .031 mm (%)					
i. .031 to .016 mm (%)	13	7	5	5	4
j. .016 to .008 mm (%)					
k. .008 to .004 mm (%)	32	32	32	31	31
l. .004 to .002 mm (%)					
m. .002 to .001 mm (%)	11	15	13	16	15
n. < .001 mm (%)	44	46	50	48	50
o. Median Diameter (mm)	0.001	0.001	0.001	0.001	0.001
p. Sorting Coefficient	3.46	2.83	2.83	2.45	3.46
q. Skewness	3.00	2.00	2.00	1.50	0.75
r. Standard Deviation (mm)					
s. Sediment Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay
t. Dominant Minerals (%)					
u. Secondary Minerals (%)					
v. Calcium Carbonate (%)	18	20	15	18	20
w. Organic Carbon (%)	0.37	—	—	—	—

15. REMARKS

CORE ANALYSIS SUMMARY SHEET

MGG09005069

SEDIMENT SIZE AND COMPOSITION

NAVOCEANO-EXP-3167/18-A (10-62)

ANALYZED BY Code 3527 DATE 1 Aug. 1962

1. CRUISE NO.	
2. LATITUDE 25° 46' " N	
3. LONGITUDE 72° 32' " W	
4. SAMPLE NO. 4a	
5. DATE TAKEN (DAY, MO., YR.) 15 June 1962	
6. WATER DEPTH (m) 5340	
7. TYPE CORER Phleger	
8. CORE LENGTH (cm) 44.5	
9. CORER PENETRATION (cm)	

10. LABORATORY NUMBER	9040	9041	9042	9043
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	10-15	21-26.5	26.5-36
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR6/2 [L]	10YR6/2 [L]	10YR6/2 [L]	10YR6/2 [L]
13. ODOR				
14. SIZE & COMPOSITION ANALYSIS				
a. > 4 mm (%)				
b. 4 to 2 mm (%)	—	—	—	—
c. 2 to 1 mm (%)	—		—	—
d. 1 to .500 mm (%)			—	—
e. .500 to .250 mm (%)		Trace		—
f. .250 to .125 mm (%)	Trace		Trace	
g. .125 to .062 mm (%)		—		Trace
h. .062 to .031 mm (%)				
i. .031 to .016 mm (%)	12	5	9	17
j. .016 to .008 mm (%)				
k. .008 to .004 mm (%)	36	36	35	36
l. .004 to .002 mm (%)				
m. .002 to .001 mm (%)	8	11	9	8
n. < .001 mm (%)	44	48	47	39
o. Median Diameter (mm)	0.002	0.001	0.001	0.002
p. Sorting Coefficient	4.89	2.87	4.47	4.24
q. Skewness	0.38	2.00	1.25	1.13
r. Standard Deviation (mm)				
s. Sediment Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay
t. Dominant Minerals (%)				
u. Secondary Minerals (%)				
v. Calcium Carbonate (%)	20	20	16	15
w. Organic Carbon (%)	0.37	—	—	—

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

MGG09005069

NAVOCEANO-EXP-3167/18-A (10-62)

ANALYZED BY Code 3527 DATE 2 Aug. 1962

1. CRUISE NO.
2. LATITUDE 25° 23' " N
3. LONGITUDE 72° 30' " W
4. SAMPLE NO. 5a
5. DATE TAKEN (DAY, MO., YR.) 15 June 1962
6. WATER DEPTH (m) 5960
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 24.8
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	9049	9050	9051	9052
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	10-14.6	14.6-21.2	21.2-24.8
12. COLOR (GSA ROCK COLOR CHART) [X] FIELD [ ] LAB DETERMINATION	10YR4/2 D	10YR4/2 D	10YR4/2 D	10YR4/2 D
13. ODOR				
14. SIZE & COMPOSITION ANALYSIS				
a. > 4 mm (%)				
b. 4 to 2 mm (%)	—	—	—	—
c. 2 to 1 mm (%)	—	—	—	—
d. 1 to .500 mm (%)				
e. .500 to .250 mm (%)				
f. .250 to .125 mm (%)	Trace	Trace	Trace	Trace
g. .125 to .062 mm (%)				
h. .062 to .031 mm (%)				
i. .031 to .016 mm (%)	30	36	52	30
j. .016 to .008 mm (%)				
k. .008 to .004 mm (%)	29	27	24	27
l. .004 to .002 mm (%)				
m. .002 to .001 mm (%)	11	7	4	10
n. < .001 mm (%)	30	29	19	32
o. Median Diameter (mm)	0.004	0.006	0.016	0.003
p. Sorting Coefficient	4.11	6.16	3.00	5.23
q. Skewness	1.06	0.26	0.04	0.94
r. Standard Deviation (mm)				
s. Sediment Type	Clayey Silt	Clayey Silt	Clayey Silt	Clayey Silt
t. Dominant Minerals (%)				
u. Secondary Minerals (%)				
v. Calcium Carbonate (%)	17	10	9	18
w. Organic Carbon (%)	0.62	—	—	—

15. REMARKS

CORE ANALYSIS SUMMARY SHEET

SEDIMENT SIZE AND COMPOSITION

MGG09005069

ANALYZED BY Code 3527 DATE 2 Aug. 1962

NAVOCEANO-EXP-3167/18-A (10-62)

1. CRUISE NO. 31947	4. SAMPLE NO. 6a		7. TYPE CORER Phleger
2. LATITUDE 24° 56' "	5. DATE TAKEN (DAY, MO., YR.) 16 June 1962		8. CORE LENGTH (cm) 25.7
3. LONGITUDE 72° 21' "	6. WATER DEPTH (m) 5444		9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	9053	9054	9055	9056
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	5-12	12-19.2	19.2-25.7
12. COLOR (USA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR4/2 [L]	10YR4/2 & [L] 10YR6/2	10YR4/2 & [L] 10YR6/2	10YR4/2 & [L] 10YR6/2
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 (%)				
e. .500 to .250 mm (%)		Trace		Trace
f. .250 to .125 mm (%)	Trace		1	
g. .125 to .062 mm (%)		1		1
h. .062 to .031 mm (%)				
i. .031 to .016 mm (%)	41	53	62	68
j. .016 to .008 mm (%)				
k. .008 to .004 mm (%)	23	19	20	16
l. .004 to .002 mm (%)				
m. .002 to .001 mm (%)	5	4	2	
n. < .001 mm (%)	31	23	15	15
o. Median Diameter (mm)	0.007	0.017	0.019	0.020
p. Sorting Coefficient	6.00	5.00	4.74	3.46
q. Skewness	0.18	0.09	0.13	0.22
r. Standard Deviation (mm)				
s. Sediment Type	Clayey Silt	Clayey Silt	Silt	Silt
t. Dominant Minerals (%)				
u. Secondary Minerals (%)				
v. Calcium Carbonate (%)	15	19	17	10
w. Organic Carbon (%)	0.62	—	—	—

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

MGG09005069

NAVOCEANO-EXP-3167/18-A (10-62)

ANALYZED BY Code 3527 DATE 3 Aug. 1962

1. CRUISE NO. 31947
2. LATITUDE 25° 06.2' " N
3. LONGITUDE 72° 49' " W
4. SAMPLE NO. 7a
5. DATE TAKEN (DAY, MO., YR.) 16 June 1962
6. WATER DEPTH (m) 5411
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 64.5
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	9057	9058	9059	9060	9061	9062	9063	9064					
11. SUBSAMPLE DEPTH IN CORE (cm)	0-5	10-15	20-25	30-35	38-43.5	43.5-46.5	46.5-51.5	60-64.5					
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR 4/2 [L]	10YR4/2 & 10YR6/2 [L]	10YR4/2 & 10YR6/2 [L]	10YR4/2 & 10YR6/2 [L]	10YR4/2 & 10YR6/2 [L]	5Y5/2 [L]	10YR4/2 & 10YR6/2 [L]	10YR4/2 & 10YR6/2 [L]					
13. ODOR													
14. SIZE & COMPOSITION ANALYSIS													
a. > 4 mm (%)													
b. 4 to 2 mm (%)													
c. 2 to 1 mm (%)													
d. 1 to .500 mm (%)													
e. .500 to .250 mm (%)		1	Trace	Trace	Trace	1	1	Trace					
f. .250 to .125 mm (%)	1												
g. .125 to .062 mm (%)													
h. .062 to .031 mm (%)													
i. .031 to .016 mm (%)	22	18	13	8	4	42	3	26					
j. .016 to .008 mm (%)													
k. .008 to .004 mm (%)	24	38	33	36	28	40	26	27					
l. .004 to .002 mm (%)													
m. .002 to .001 mm (%)	18		18	25	45	2	35	26					
n. < .001 mm (%)	35	44	35	32	23	15	35	21					
o. Median Diameter (mm)	0.003	0.003	0.002	0.002	0.002	0.011	0.001	0.002					
p. Sorting Coefficient	6.78	3.85	—	—	1.68	2.55	—	3.96					
q. Skewness	0.46	0.96	—	—	1.20	0.52	—	3.01					
r. Standard Deviation (mm)													
s. Sediment Type	Silty Clay	Clayey Silt	Silty Clay	Silty Clay	Silty Clay	Silt	Silty Clay	Clayey Silt					
t. Dominant Minerals (%)													
u. Secondary Minerals (%)													
v. Calcium Carbonate (%)	13	19	9	11	11	9	13	25					
w. Organic Carbon (%)	0.85	—	—	—	—	—	—	—					

15. REMARKS

CORE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

MGG09005069

NAVOCEANO-EXP-3167/18-A (10-62)

ANALYZED BY Code 3527 DATE 3 Aug. 1962

1. CRUISE NO. 31947
2. LATITUDE 25° 02' " N
3. LONGITUDE 73° 13.5' " W
4. SAMPLE NO. 8a
5. DATE TAKEN (DAY, MO., YR.) 16 June 1962
6. WATER DEPTH (m) 5267
7. TYPE CORER Phleger
8. CORE LENGTH (cm) 61
9. CORER PENETRATION (cm)

10. LABORATORY NUMBER	9065	9066	9067	9068	9069	9070
11. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-15	20-25	30-35	40-45	56-61
12. COLOR (GSA ROCK COLOR CHART) [F] FIELD [L] LAB DETERMINATION	10YR5/4 L	10YR5/4 L	10YR5/4 L	10YR5/4 L	10YR5/4 L	10YR5/4 L
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 (%)	Trace					Trace
e. .500 to .250 mm (%)		Trace	Trace	Trace	1	
f. .250 to .125 mm (%)	1		1			Trace
g. .125 to .062 mm (%)	1	1	1	2	1	1
h. .062 to .031 mm (%)						
i. .031 to .016 mm (%)	11	6	17	14	13	5
j. .016 to .008 mm (%)						
k. .008 to .004 mm (%)	28	29	27	27	23	26
l. .004 to .002 mm (%)						
m. .002 to .001 mm (%)		22	11	8	11	10
n. < .001 mm (%)	58	42	42	48	51	58
o. Median Diameter (mm)	0.001	0.001	0.002	0.001	0.002	0.001
p. Sorting Coefficient	—	—	—	—	—	—
q. Skewness	—	—	—	—	—	—
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 (%)	20	14	16	9	11	8
w. Organic Carbon (%)	0.46	—	—	—	—	—

15. REMARKS

OCEANOGRAPHIC LOG SHEET-R
NAVOCEANO-EXP-3167/18 (Rev.10-62)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

MGG09005069

CRUISE NO. 31947

ANALYZED BY Code 3527 DATE

1. DATE TAKEN (Day, Mo., Yr.)	14-6-62	~~16-6-62~~								
2. SAMPLE NO.	H 1	~~6~~								
3. LABORATORY NO.	9134	~~9135~~								
4. LATITUDE	26°20'N	~~24°56'N~~								
5. LONGITUDE	76°03'W	~~72°21'W~~								
6. WATER DEPTH (m)	5027	~~5444~~								
7. TYPE SAMPLER	Kullenberg Corer									
8. COLOR (GSA ROCK COLOR CHARTS) [F] FIELD [L] LAB DETERMINATION	10YR6/2 L									
9. ODOR										
10. SIZE AND COMPOSITION ANALYSIS										
a. > 4mm mm (%)										
b. 4 to 2 mm (%)										
c. 2 to 1 mm (%)										
d. 1 to .500 mm (%)										
e. .500 to .250 mm (%)										
f. .250 to .125 mm (%)										
g. .125 to .062 mm (%)	1									
h. .062 to .031 mm (%)										
i. .031 to .016 mm (%)	5									
j. .016 to .008 mm (%)										
k. .008 to .004 mm (%)	32									
l. .004 to .002 mm (%)										
m. .002 to .001 mm (%)	15									
n. < .001 mm (%)	47									
o. Median Diameter (mm)	0.0011									
p. Sorting Coefficient	4.17									
q. Skewness	0.58									
r. Standard Deviation (mm)										
s. Sediment Type	Silty Clay									
t. Dominant Minerals (%)										
u. Secondary Minerals (%)										
v. Calcium Carbonate (%)										
w. Organic Carbon (%)										
11. REMARKS										