MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser

DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 55 ' 00 "
3. LONGITUDE 65 ° 40 ' 00 "
4. SAMPLE NO. 1
5. DATE TAKEN (Day, month, year) 14 Dec. 68
6. WATER DEPTH (m) 1941
7. TYPE CORER Moore Free-Fall
8. CORE LENGTH (cm) 28
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-28
11. WET UNIT WEIGHT (g/cm³)		1.48	
12. SPECIFIC GRAVITY OF SOLIDS *		2.77	
13. WATER CONTENT (% dry weight)		94.46	
14. VOID RATIO			
15. SATURATED VOID RATIO			
16. POROSITY (%)			
17. LIQUID LIMIT			
18. PLASTIC LIMIT			
19. PLASTICITY INDEX	7		
20. LIQUIDITY INDEX			
21. COMPRESSION INDEX FROM LL			
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)			
REMOLD (g/cm²)			
23. COHESION NATURAL (g/cm²)		61.9	
REMOLD (g/cm²)		19.7	
24. SENSITIVITY		3	
25. ANGLE OF INTERNAL FRICTION (°)			
26. ACTIVITY			
27. MODULUS OF ELASTICITY			
28. SLUMP (%)			

29. REMARKS * MG&G determination

MGG03005014

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser

DATE 19 Dec. 1968

NAVOCEANO-EXP-3167/13-8 (Rev. 1-63)

1. CRUISE NO. 407-69
2. LATITUDE 18 ° 01 ' 48 "
3. LONGITUDE 65 ° 37 ' 36 "
4. SAMPLE NO. 2
5. DATE TAKEN (Day, month, year) 14 Dec. 68
6. WATER DEPTH (m) 1494
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 22
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-22									
11. WET UNIT WEIGHT (g/cm³)		1.76										
12. SPECIFIC GRAVITY OF SOLIDS												
13. WATER CONTENT (% dry weight)		53.50										
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX	7											
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)												
REMOLD (g/cm²)												
23. COHESION NATURAL (g/cm²)		143.4										
REMOLD (g/cm²)		42.3										
24. SENSITIVITY		3										
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS

MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser
DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 58 ' 54 "
3. LONGITUDE 65 ° 39 ' 42 "
4. SAMPLE NO. 3
5. DATE TAKEN (Day, month, year) 15 Dec. 68
6. WATER DEPTH (m) 1844
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 18
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-18			
11. WET UNIT WEIGHT (g/cm³)		1.66				
12. SPECIFIC GRAVITY OF SOLIDS *		2.80				
13. WATER CONTENT (% dry weight)		62.32				
14. VOID RATIO						
15. SATURATED VOID RATIO						
16. POROSITY (%)						
17. LIQUID LIMIT						
18. PLASTIC LIMIT						
19. PLASTICITY INDEX						
20. LIQUIDITY INDEX						
21. COMPRESSION INDEX FROM LL						
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)						
REMOLD (g/cm²)						
23. COHESION NATURAL (g/cm²)		107.6	✓			
REMOLD (g/cm²)		35.8				
24. SENSITIVITY		3				
25. ANGLE OF INTERNAL FRICTION (°)						
26. ACTIVITY						
27. MODULUS OF ELASTICITY						
28. SLUMP (%)						

29. REMARKS * MG&G determination

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES
MGG03005014

ANALYZED BY R. Oser

DATE 19 Dec. 1968

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

1. CRUISE NO. 407-69
2. LATITUDE 18 ° 01 ' 00 "
3. LONGITUDE 65 ° 39 ' 18 "
4. SAMPLE NO. 4
5. DATE TAKEN (Day, month, year) 15 Dec. 68
6. WATER DEPTH (m) 1634
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 21
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-11	11-21										
11. WET UNIT WEIGHT (g/cm³)													
12. SPECIFIC GRAVITY OF SOLIDS													
13. WATER CONTENT (% dry weight)		55.68											
14. VOID RATIO													
15. SATURATED VOID RATIO													
16. POROSITY (%)													
17. LIQUID LIMIT													
18. PLASTIC LIMIT													
19. PLASTICITY INDEX													
20. LIQUIDITY INDEX													
21. COMPRESSION INDEX FROM LL													
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)													
REMOLD (g/cm²)													
23. COHESION NATURAL (g/cm²)													
REMOLD (g/cm²)													
24. SENSITIVITY													
25. ANGLE OF INTERNAL FRICTION (°)													
26. ACTIVITY													
27. MODULUS OF ELASTICITY													
28. SLUMP (%)													

29. REMARKS

MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser

DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 10 ° 04 ' 24 "
3. LONGITUDE 65 ° 39 ' 48 "
4. SAMPLE NO. 5
5. DATE TAKEN (Day, month, year) 15 Dec. 68
6. WATER DEPTH (m) 799
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 26
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-26									
11. WET UNIT WEIGHT (g/cm³)		1.64										
12. SPECIFIC GRAVITY OF SOLIDS		2.82										
13. WATER CONTENT (% dry weight)		58.14										
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)												
REMOLD (g/cm²)												
23. COHESION NATURAL (g/cm²)		61.9										
REMOLD (g/cm²)		22.5										
24. SENSITIVITY		3										
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS

MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser
DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 56 ' 42 "
3. LONGITUDE 65 ° 33 ' 30 "
4. SAMPLE NO. 7
5. DATE TAKEN (Day, month, year) 16 Dec. 68
6. WATER DEPTH (m) 2158
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 11
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-3	3-10	10-11									
11. WET UNIT WEIGHT (g/cm³)		1.62										
12. SPECIFIC GRAVITY OF SOLIDS		2.71										
13. WATER CONTENT (% dry weight)		69.08										
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)												
REMOLD (g/cm²)												
23. COHESION NATURAL (g/cm²)		71.7										
REMOLD (g/cm²)		16.2										
24. SENSITIVITY		4										
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS

MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser
DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 18 ° 01 ' 00 "
3. LONGITUDE 65 ° 32 ' 00 "
4. SAMPLE NO. 9
5. DATE TAKEN (Day, month, year) 16 Dec. 68
6. WATER DEPTH (m) 1582
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 23
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-19	19-20	20-23							
11. WET UNIT WEIGHT (g/cm³)		1.52										
12. SPECIFIC GRAVITY OF SOLIDS												
13. WATER CONTENT (% dry weight)		56.78		48.61								
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)												
REMOLD (g/cm²)												
23. COHESION NATURAL (g/cm²)		91.4										
REMOLD (g/cm²)		19.7										
24. SENSITIVITY		5										
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS

MGG03005014

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser

DATE 19 Dec. 1968

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

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 58 ' 48 "
3. LONGITUDE 65 ° 31 ' 36 "
4. SAMPLE NO. 10
5. DATE TAKEN (Day, month, year) 17 Dec. 68
6. WATER DEPTH (m) 1829
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 19
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-19									
11. WET UNIT WEIGHT (g/cm^3)		1.72										
12. SPECIFIC GRAVITY OF SOLIDS		2.90										
13. WATER CONTENT (% dry weight)		53.58										
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm^2)												
REMOLD (g/cm^2)												
23. COHESION NATURAL (g/cm^2)		78.0										
REMOLD (g/cm^2)		26.0										
24. SENSITIVITY		3										
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS

MGG03005014

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser

DATE 19 Dec. 1968

NAVOCEANO-EXP-3167/18-8 (Rev. 1-63)

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 57 ' 00 "
3. LONGITUDE 65 ° 31 ' 12 "
4. SAMPLE NO. 11
5. DATE TAKEN (Day, month, year) 17 Dec. 68
6. WATER DEPTH (m) 2345
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 25
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-25									
11. WET UNIT WEIGHT (g/cm^3)												
12. SPECIFIC GRAVITY OF SOLIDS		2.63										
13. WATER CONTENT (% dry weight)		66.67										
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm^2)												
REMOLD (g/cm^2)												
23. COHESION NATURAL (g/cm^2)												
REMOLD (g/cm^2)												
24. SENSITIVITY												
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS Abundant shell material present.

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser

DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 55 ' 48 "
3. LONGITUDE 65 ° 42 ' 24 "
4. SAMPLE NO. 12
5. DATE TAKEN (Day, month, year) 17 Dec. 68
6. WATER DEPTH (m) 1930
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 173
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-24	24-26	26-34	34-36	36-44	44-46	46-50	50-57	57-59	59-61
11. WET UNIT WEIGHT (g/cm³)		1.62								1.72		
12. SPECIFIC GRAVITY OF SOLIDS *		2.79				2.71				2.60		
13. WATER CONTENT (% dry weight)		61.87		65.95		65.25		69.04		50.86		75.31
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)												
REMOLD (g/cm²)												
23. COHESION NATURAL (g/cm²)		105.2								199.9		
REMOLD (g/cm²)		25.9								22.9		
24. SENSITIVITY		4								9		
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS * MG, & G determination

MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser
DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 55 ' 48 "
3. LONGITUDE 65 ° 42 ' 24 "
4. SAMPLE NO. 12
5. DATE TAKEN (Day, month, year) 17 Dec. 68
6. WATER DEPTH (m) 1930
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 173
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	61-69	69-71	71-79	79-81	81-89	89-90	90-98	98-100	100-107	107-109	109-111	111-119	119-121
11. WET UNIT WEIGHT (g/cm³)									1.69				
12. SPECIFIC GRAVITY OF SOLIDS *									2.76				
13. WATER CONTENT (% dry weight)		60.89		60.47		68.23		55.70	55.27		52.18		50.71
14. VOID RATIO													
15. SATURATED VOID RATIO													
16. POROSITY (%)													
17. LIQUID LIMIT													
18. PLASTIC LIMIT													
19. PLASTICITY INDEX													
20. LIQUIDITY INDEX													
21. COMPRESSION INDEX FROM LL													
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)													
REMOLD (g/cm²)									157.1				
23. COHESION NATURAL (g/cm²)									25.9				
REMOLD (g/cm²)									6				
24. SENSITIVITY													
25. ANGLE OF INTERNAL FRICTION (°)													
26. ACTIVITY													
27. MODULUS OF ELASTICITY													
28. SLUMP (%)													

29. REMARKS * MG/G determination

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser
DATE 19 Dec. 1968

1. CRUISE NO. 407-69
2. LATITUDE 17 ° 55 ' 48 "
3. LONGITUDE 65 ° 42 ' 24 "
4. SAMPLE NO. 12
5. DATE TAKEN (Day, month, year) 17 Dec. 68
6. WATER DEPTH (m) 1930
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 173
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	121-129	129-131	131-137	139-141	141-149	149-151	157-159	159-161	161-165	165-172	172-173
11. WET UNIT WEIGHT (g/cm³)											
12. SPECIFIC GRAVITY OF SOLIDS											
13. WATER CONTENT (% dry weight)		48.00		55.01		52.58		56.00			
14. VOID RATIO											
15. SATURATED VOID RATIO											
16. POROSITY (%)											
17. LIQUID LIMIT											
18. PLASTIC LIMIT											
19. PLASTICITY INDEX											
20. LIQUIDITY INDEX											
21. COMPRESSION INDEX FROM LL											
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)											
REMOLD (g/cm²)											
23. COHESION NATURAL (g/cm²)											
REMOLD (g/cm²)											
24. SENSITIVITY											
25. ANGLE OF INTERNAL FRICTION (°)											
26. ACTIVITY											
27. MODULUS OF ELASTICITY											
28. SLUMP (%)											

29. REMARKS

MGG03005014

PRNC-NAVOCEANO-3167/18 B (4-63)

CORE ANALYSIS SUMMARY SHEET
ENGINEERING PROPERTIES

ANALYZED BY R. Oser
DATE 19 Dec. 1968

1. CRUISE NO. 107-69
2. LATITUDE 17 ° 58 ' 30 "
3. LONGITUDE 65 ° 42 ' 30 "
4. SAMPLE NO. 13
5. DATE TAKEN (Day, month, year) 17 Dec. 68
6. WATER DEPTH (m) 1646
7. TYPE CORER Kullenberg
8. CORE LENGTH (cm) 45
9. CORER PENETRATION (cm)

10. SUBSAMPLE DEPTH IN CORE (cm)	0-10	10-17	17-29	29-30	30-37	37-39	39-41	41-45				
11. WET UNIT WEIGHT (g/cm³)		1.64			1.73							
12. SPECIFIC GRAVITY OF SOLIDS *		2.75			2.77							
13. WATER CONTENT (% dry weight)		61.64		57.34	52.37		49.83					
14. VOID RATIO												
15. SATURATED VOID RATIO												
16. POROSITY (%)												
17. LIQUID LIMIT												
18. PLASTIC LIMIT												
19. PLASTICITY INDEX												
20. LIQUIDITY INDEX												
21. COMPRESSION INDEX FROM LL												
22. COMPRESSIVE STRENGTH NATURAL (g/cm²)												
REMOLD (g/cm²)												
23. COHESION NATURAL (g/cm²)		94.2			211.6							
REMOLD (g/cm²)		29.5			29.5							
24. SENSITIVITY		3			7							
25. ANGLE OF INTERNAL FRICTION (°)												
26. ACTIVITY												
27. MODULUS OF ELASTICITY												
28. SLUMP (%)												

29. REMARKS * MG&G determination