

12 July 1971

PROJECT: Rockport Boat Harbor

LOCATION:

GDLR NO 1702

BORING NO. 81-125

TEST DATA SUMMARY

DATE COMPLETED 3 February 1982

FIELD NO.	Sample Depth, Feet		CLASSIFICATION ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY	p. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS							
	GRVL	SAND													FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)					
																	NO. 4	NO. 10	NO. 40	NO. 200		
1-J	0.0	5.0	White Silty Sand w/ Random Shells and shell fragments	0.0-5.0	SP-SM			13					166		0	95	5	100	0	2	6	95
2-C	5.0	7.5	Gray Clayey Sand w/ Random Clay pockets	5.0-7.5	SC M	0.50		31					167		0	86	14	100	0	0	0	86
3-J	7.5	10.0	Gray Silty Sand	7.5-10.0	SP-SM			29					168		0	95	5	100	0	0	0	95
4-J	10.0	12.5	Light Gray Sand w/ Random shell fragments	10.0-13.0	SP L		9	28					169		0	98	2	100	0	0	0	98
		12.5	Washed																			
5-J	13.0	15.0	Light Gray Silty Sand w/ Random Shell fragments	13.0-15.0	SP-SM M		11	25					170		1	94	5	100	1	1	5	95

KEY:	CONSISTENCY -- COHESIVE SOILS						CONSISTENCY -- COHESIONLESS SOILS					
	VS	S	M	ST	VST	H	VL	L	M	D	VD	
	Very Soft	Soft	Medium	Stiff	Very Stiff	Hard	Very Loose	Loose	Medium	Dense	Very Dense	

- (1) Tons/Sq. Ft. Unconfined Compressive Strength
- (2) Split Barrel Sampler
- (3) Acc. Wt. Rnd ÷ Init. Wt. x 100 = % Rnd.

Bottomed at 15.0' Water at Tide Reading

BORING NO. 81-125

Sheet / of sheets /

SIEVE ANALYSIS

Date _____

Project RockportBoring No. 81-125Sample No. 1 (82-166)Total wt in grams of sample, $W_s =$ 100

Wt in grams of material > No. 4 sieve = _____

Sieve Openings		U. S. Standard Sieve Size or Number	Weight Retained in grams	Percent Retained		Percent Finer by Weight
Inches	Millimeters			Partial	Total	
3.00		3-in.				
2.00		2-in.				
1.50		1-1/2-in.				
1.00	25.4	1-in.				
0.750	19.1	3/4-in.				
0.500	12.7	1/2-in.				
0.375	9.52	3/8-in.	0		0	100
0.250	6.35	No. 3				
0.187	4.76	No. 4	0		0	100
Pan						
0.132	3.36	No. 6				
0.094	2.38	No. 8				
0.079	2.00	No. 10	2	✓	2	98
0.047	1.19	No. 16				
0.033	0.84	No. 20	5	✓	5	95
0.023	0.59	No. 30	6	✓	6	94
0.0165	0.42	No. 40	6	✓	6	94
0.0117	0.297	No. 50	8	✓	8	92
0.0083	0.210	No. 70	10		10	90
0.0059	0.149	No. 100	36		36	64
0.0041	0.105	No. 140	87		87	13
0.0029	0.074	No. 200	95		95	5
Pan						
Total weight in grams						

Partial percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{wt in grams of sample used for a given series of sieves}} \times 100$

Total percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{total wt in grams of oven-dry sample}} \times 100$

For an individual sieve, the percent finer by weight = percent finer than next larger sieve - percent retained on individual sieve

Remarks _____

Technician DRCComputed by [Signature]

Checked by _____

SIEVE ANALYSIS

Date _____

Project Rockport

Boring No. 81-125

Sample No. 2 (82-167)

Total wt in grams of sample, $W_s =$ 100

Wt in grams of material > No. 4 sieve = _____

Sieve Openings		U. S. Standard Sieve Size or Number	Weight Retained in grams	Percent Retained		Percent Finer by Weight
Inches	Millimeters			Partial	Total	
3.00		3-in.				
2.00		2-in.				
1.50		1-1/2-in.				
1.00	25.4	1-in.				
0.750	19.1	3/4-in.				
0.500	12.7	1/2-in.				
0.375	9.52	3/8-in.	0		0	100
0.250	6.35	No. 3				
0.187	4.76	No. 4	0		0	
Pan						
0.132	3.36	No. 6				
0.094	2.38	No. 8				
0.079	2.00	No. 10	0		0	
0.047	1.19	No. 16				
0.033	0.84	No. 20	0		0	
0.023	0.59	No. 30	0		0	
0.0165	0.42	No. 40	0		0	
0.0117	0.297	No. 50	0		0	
0.0083	0.210	No. 70	0		0	100
0.0059	0.149	No. 100	11		11	89
0.0041	0.105	No. 140	68		68	32
0.0029	0.074	No. 200	86		86	14
Pan						
Total weight in grams						

Partial percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{wt in grams of sample used for a given series of sieves}} \times 100$

Total percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{total wt in grams of oven-dry sample}} \times 100$

For an individual sieve, the percent finer by weight = percent finer than next larger sieve - percent retained on individual sieve

Remarks _____

Technician DRC

Computed by [Signature]

Checked by _____

SIEVE ANALYSIS

Date _____

Project Rockport

Boring No. 81-125

Sample No. 3 (82-168)

Total wt in grams of sample, $W_s = 100$

Wt in grams of material > No. 4 sieve =

Sieve Openings		U. S. Standard Sieve Size or Number	Weight Retained in grams	Percent Retained		Percent Finer by Weight
Inches	Millimeters			Partial	Total	
3.00		3-in.				
2.00		2-in.				
1.50		1-1/2-in.				
1.00	25.4	1-in.				
0.750	19.1	3/4-in.				
0.500	12.7	1/2-in.				
0.375	9.52	3/8-in.	0		0	100
0.250	6.35	No. 3				
0.187	4.76	No. 4	0		0	
Pan						
0.132	3.36	No. 6				
0.094	2.38	No. 8				
0.079	2.00	No. 10	0		0	
0.047	1.19	No. 16				
0.033	0.84	No. 20	0		0	
0.023	0.59	No. 30	0		0	
0.0165	0.42	No. 40	0		0	
0.0117	0.297	No. 50	0		0	
0.0083	0.210	No. 70	0		0	100
0.0059	0.149	No. 100	17		17	83
0.0041	0.105	No. 140	80		80	20
0.0029	0.074	No. 200	95		95	5
Pan						
Total weight in grams						

Partial percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{wt in grams of sample used for a given series of sieves}} \times 100$

Total percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{total wt in grams of oven-dry sample}} \times 100$

For an individual sieve, the percent finer by weight = percent finer than next larger sieve - percent retained on individual sieve

Remarks

Technician DRE

Computed by [Signature]

Checked by _____

SIEVE ANALYSIS

Date _____

Project _____

Rockport

Boring No. _____

*81-125*Sample No. *4 (82-169)*Total wt in grams of sample, $W_s =$ *100*

Wt in grams of material > No. 4 sieve = _____

Sieve Openings		U. S. Standard Sieve Size or Number	Weight Retained in grams	Percent Retained		Percent Finer by Weight
Inches	Millimeters			Partial	Total	
3.00		3-in.				
2.00		2-in.				
1.50		1-1/2-in.				
1.00	25.4	1-in.				
0.750	19.1	3/4-in.				
0.500	12.7	1/2-in.				
0.375	9.52	3/8-in.	0		0	100
0.250	6.35	No. 3				
0.187	4.76	No. 4	0	✓	0	
Pan						
0.132	3.36	No. 6				
0.094	2.38	No. 8				
0.079	2.00	No. 10	0	✓	0	
0.047	1.19	No. 16				
0.033	0.84	No. 20	0		0	
0.023	0.59	No. 30	0		0	
0.0165	0.42	No. 40	0		0	
0.0117	0.297	No. 50	0		0	100
0.0083	0.210	No. 70	1		1	99
0.0059	0.149	No. 100	25		25	75
0.0041	0.105	No. 140	86		86	14
0.0029	0.074	No. 200	98		98	2
Pan						
Total weight in grams						

Partial percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{wt in grams of sample used for a given series of sieves}} \times 100$

Total percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{total wt in grams of oven-dry sample}} \times 100$

For an individual sieve, the percent finer by weight = percent finer than next larger sieve - percent retained on individual sieve

Remarks _____

Technician *DRC*Computed by *[Signature]*

Checked by _____

SIEVE ANALYSIS

Date _____

Project Rockport

Boring No. 81-125

Sample No. 5 (82-170)

Total wt in grams of sample, $W_s =$ _____

Wt in grams of material > No. 4 sieve = _____

Sieve Openings		U. S. Standard Sieve Size or Number	Weight Retained in grams	Percent Retained		Percent Finer by Weight
Inches	Millimeters			Partial	Total	
3.00		3-in.				
2.00		2-in.				
1.50		1-1/2-in.				
1.00	25.4	1-in.				
0.750	19.1	3/4-in.				
0.500	12.7	1/2-in.				
0.375	9.52	3/8-in.	0		0	100
0.250	6.35	No. 3				
0.187	4.76	No. 4	1	✓	1	99
Pan						
0.132	3.36	No. 6				
0.094	2.38	No. 8				
0.079	2.00	No. 10	1	✓	1	99
0.047	1.19	No. 16				
0.033	0.84	No. 20	3	✓	3	97
0.023	0.59	No. 30	4	✓	4	96
0.0165	0.42	No. 40	5		5	95
0.0117	0.297	No. 50	6		6	94
0.0083	0.210	No. 70	8		8	92
0.0059	0.149	No. 100	27		27	73
0.0041	0.105	No. 140	84		84	16
0.0029	0.074	No. 200	95		95	5
Pan						
Total weight in grams						

Partial percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{wt in grams of sample used for a given series of sieves}} \times 100$

Total percent retained = $\frac{\text{wt in grams retained on a sieve}}{\text{total wt in grams of oven-dry sample}} \times 100$

For an individual sieve, the percent finer by weight = percent finer than next larger sieve - percent retained on individual sieve

Remarks _____

Technician DRC

Computed by [Signature]

Checked by _____

DRILLING LOG		DIVISION S/W	INSTALLATION GALV. D.W.	SHEET / OF / SHEETS
1. PROJECT Rockport Beach Basin		10. SIZE AND TYPE OF BIT		
2. LOCATION (Coordinates or Station)		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		
3. DRILLING AGENCY U.S. G. F. C.		12. MANUFACTURER'S DESIGNATION OF DRILL 550 H.D. - D.D.		
4. HOLE NO. (As shown on drawing title and file number) 81-123		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 4 Jars		UNDISTURBED 1 - Cnt
5. NAME OF DRILLER C. D. D. D.		14. TOTAL NUMBER CORE BOXES		
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.		15. ELEVATION GROUND WATER		
7. THICKNESS OF OVERBURDEN		16. DATE HOLE 8 Dec 81		STARTED 8 Dec 81
8. DEPTH DRILLED INTO ROCK		17. ELEVATION TOP OF HOLE		
9. TOTAL DEPTH OF HOLE 15.0		18. TOTAL CORE RECOVERY FOR BORING %		
		19. SIGNATURE OF INSPECTOR K. J. J. J.		

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
			0.0 to 5.0 white sand w/shell			
	5.0	3' st	5.0 to 7.5		1-J	
	7.5	-	CR. SN. - CL. CH. soft	.25	2-C	
	10.0	-	7.5 to CR. SN. w/shell		3-J	
	12.5	SP. 1.4 SP. 1.4	BR. SN. w/shell washed to 13.0		4-J	10.5 to 11.0 3 BL 11.0 to 11.5 6 BL
	15.0	SP. 1.4 SP. 1.4	-		5-J	14.0 to 14.5 4 BL 14.5 to 15.0 7 BL

Bottom 15.0

Document recorded as Hole
No. 81-123; however, there is a
strong chance that this is Hole
No. 81-125