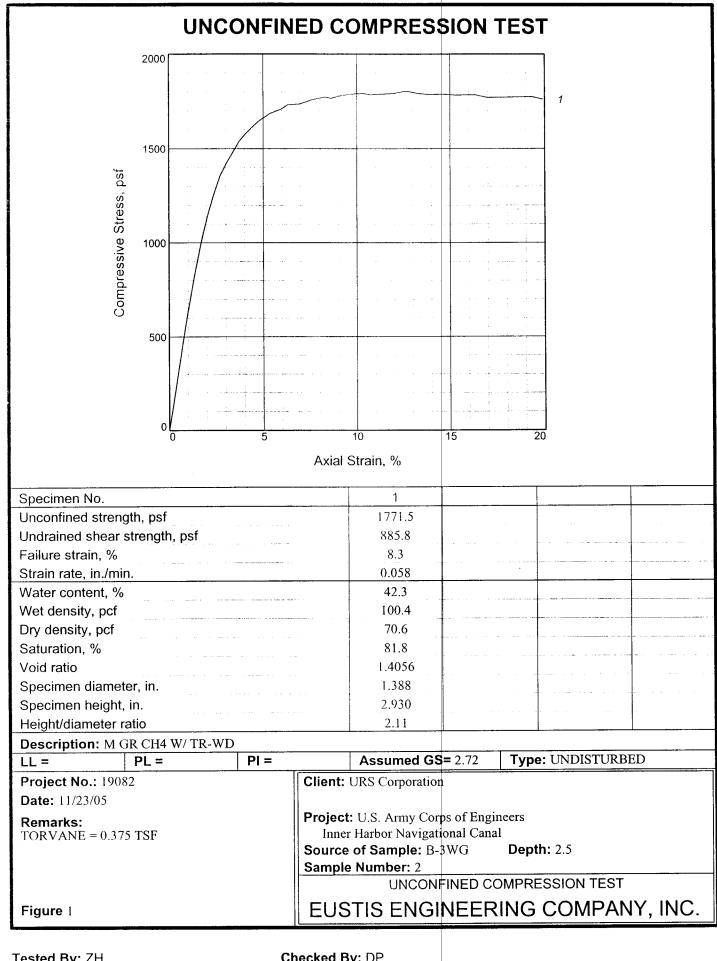
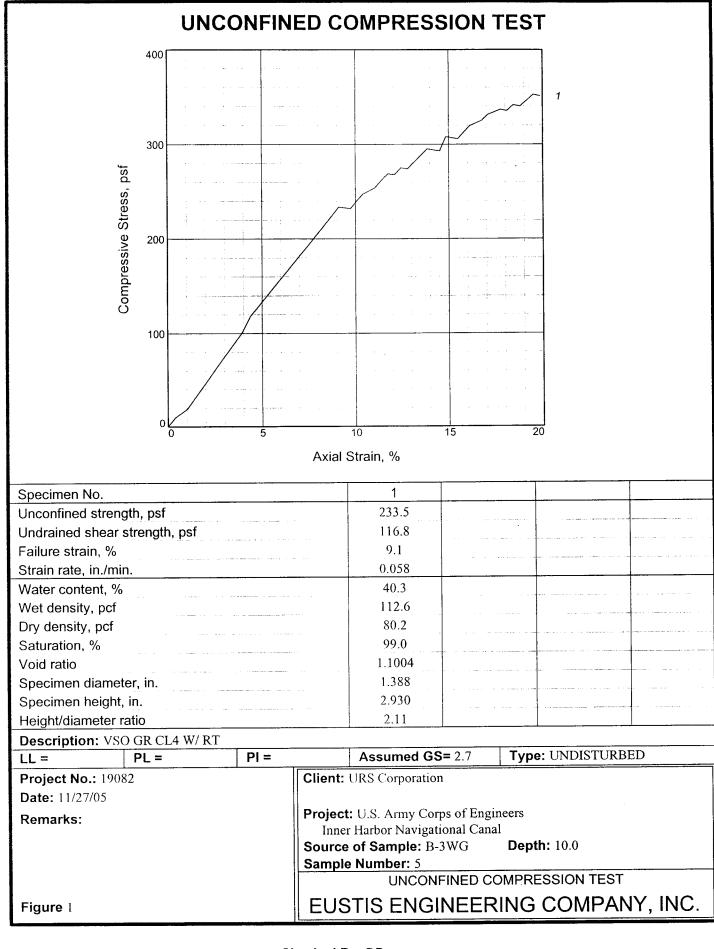
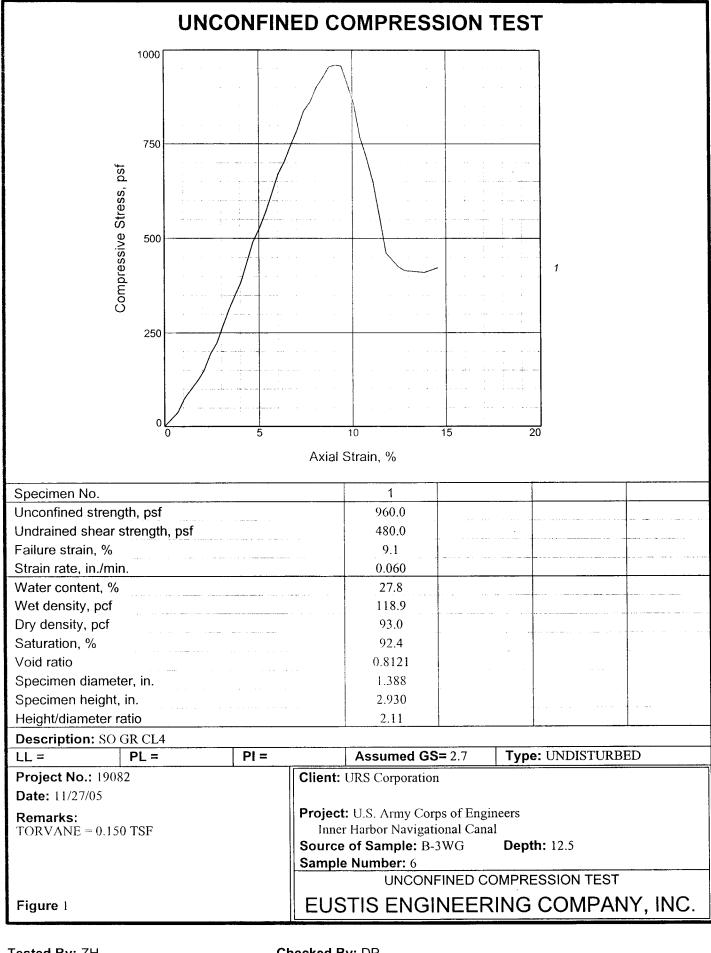


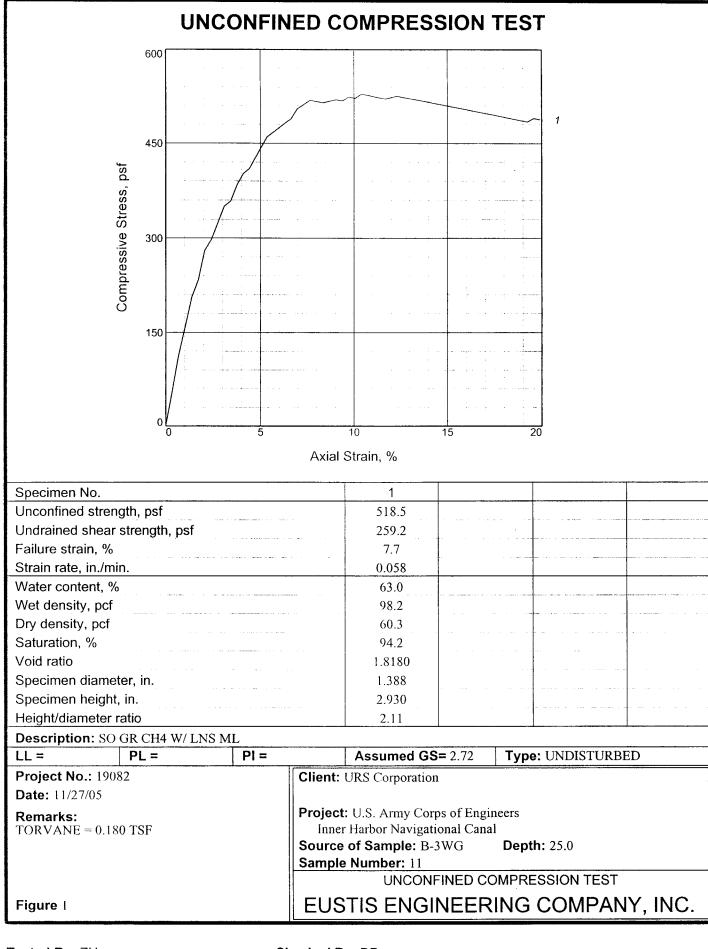
Tested By: zh Checked By: dp

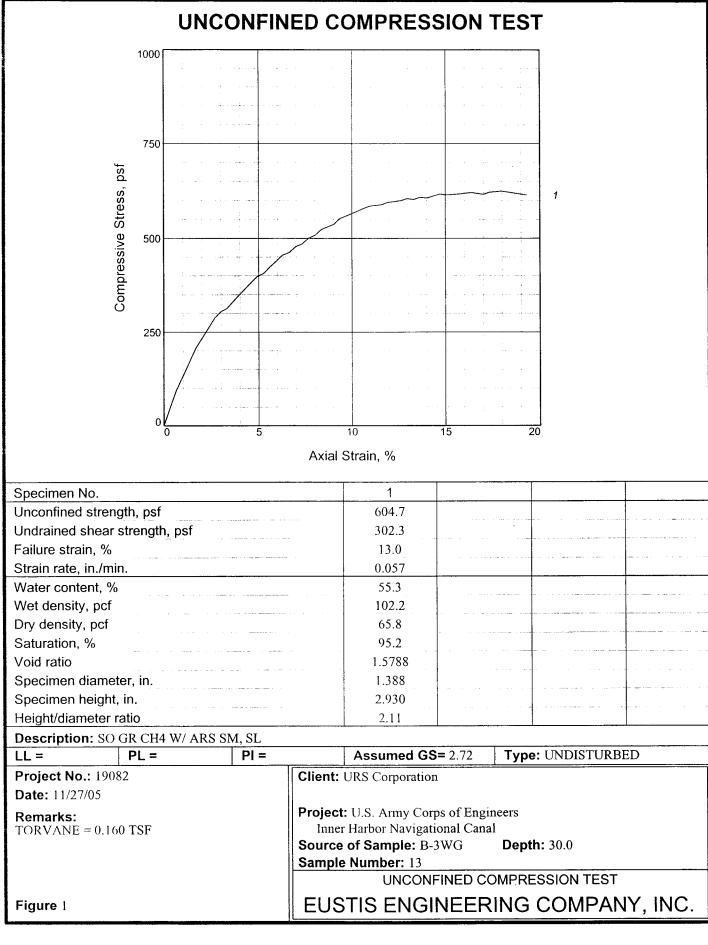


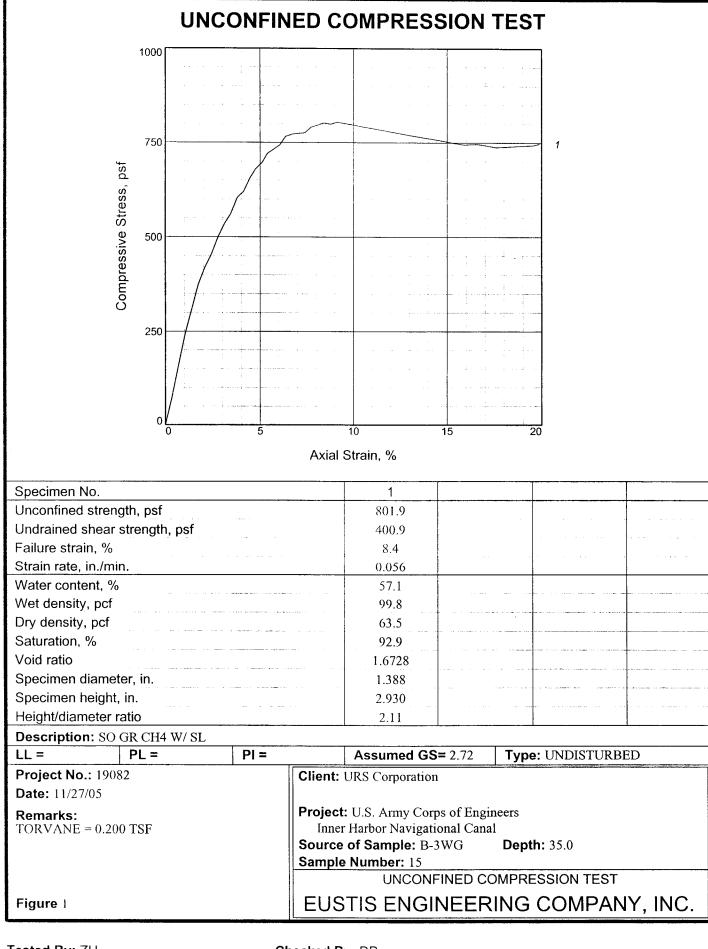


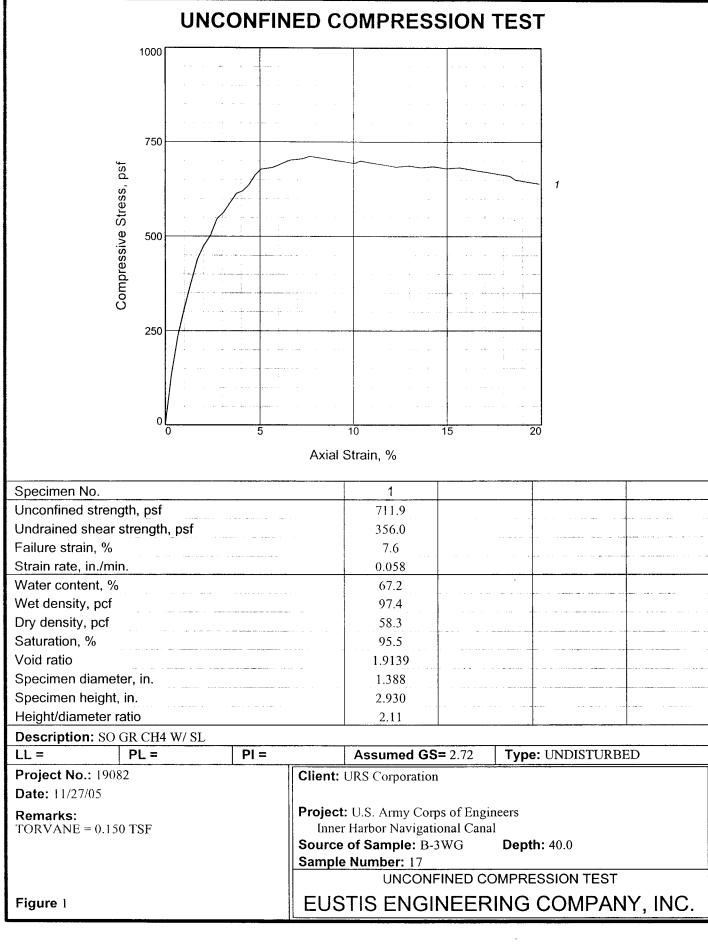


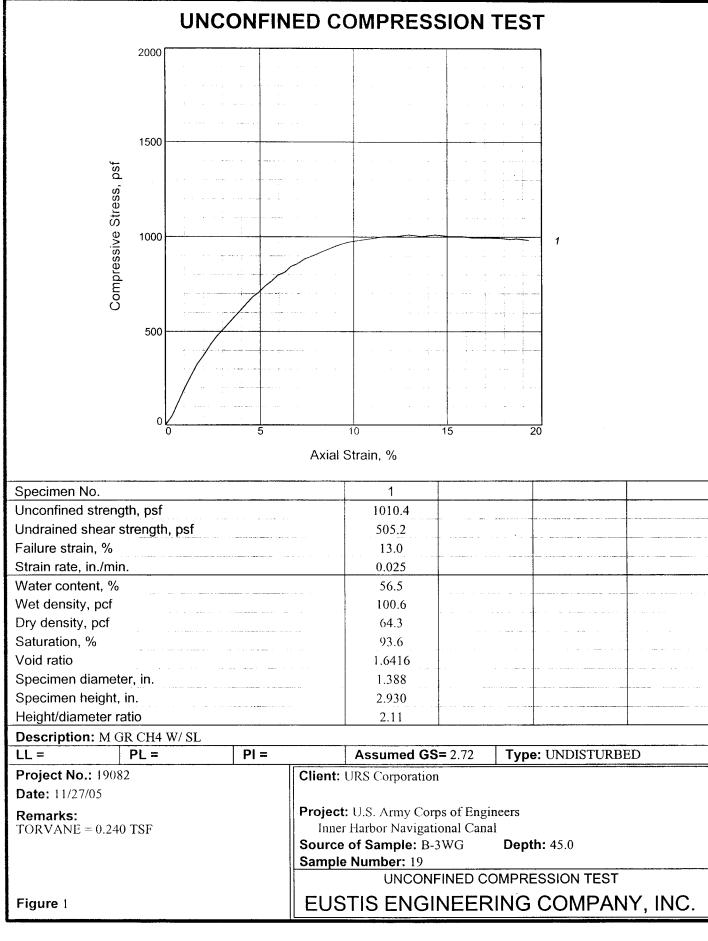
UNCONFINED COMPRESSION TEST 1000 750 Compressive Stress, psf 250 Axial Strain, % 1 Specimen No. 664.2 Unconfined strength, psf 332.1 Undrained shear strength, psf 6.9 Failure strain, % Strain rate, in./min. 0.058 75.5 Water content, % 93.7 Wet density, pcf 53.4 Dry density, pcf Saturation, % 93.8 2.2046 Void ratio 1.388 Specimen diameter, in. 2.930 Specimen height, in. 2.11 Height/diameter ratio Description: SO GR CH4 W/TR-WD, SL PI = Assumed GS= 2.74 Type: UNDISTURBED PL = LL = Client: URS Corporation Project No.: 19082 Date: 11/23/05 **Project:** U.S. Army Corps of Engineers Remarks: Inner Harbor Navigational Canal TORVANE = 0.130 TSF**Depth: 20.0 Source of Sample:** B-3WG Sample Number: 9 **UNCONFINED COMPRESSION TEST** EUSTIS ENGINEERING COMPANY, INC. Figure 1

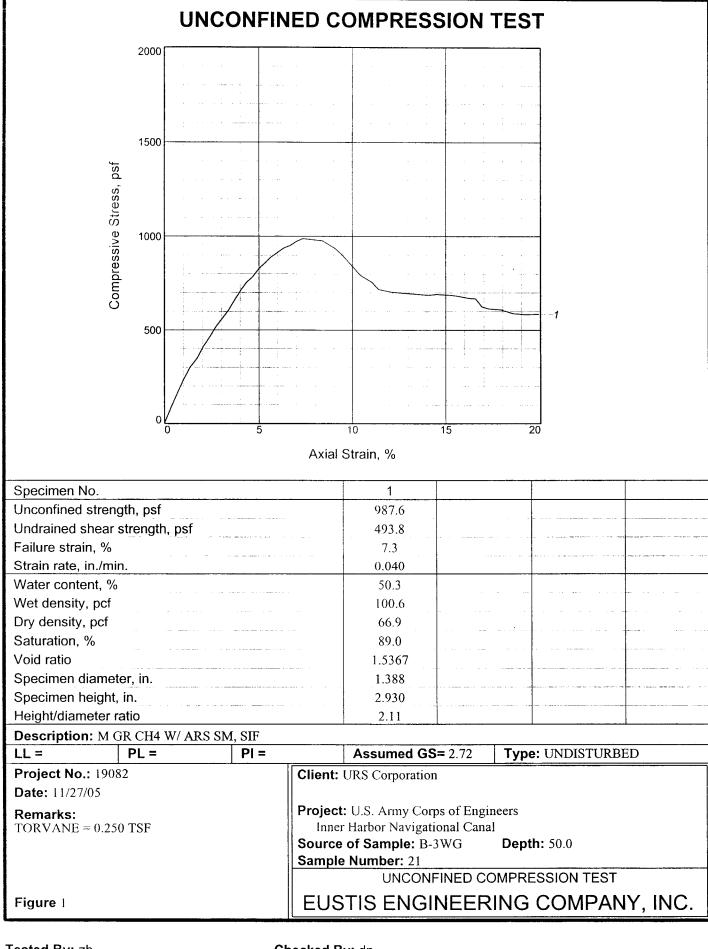




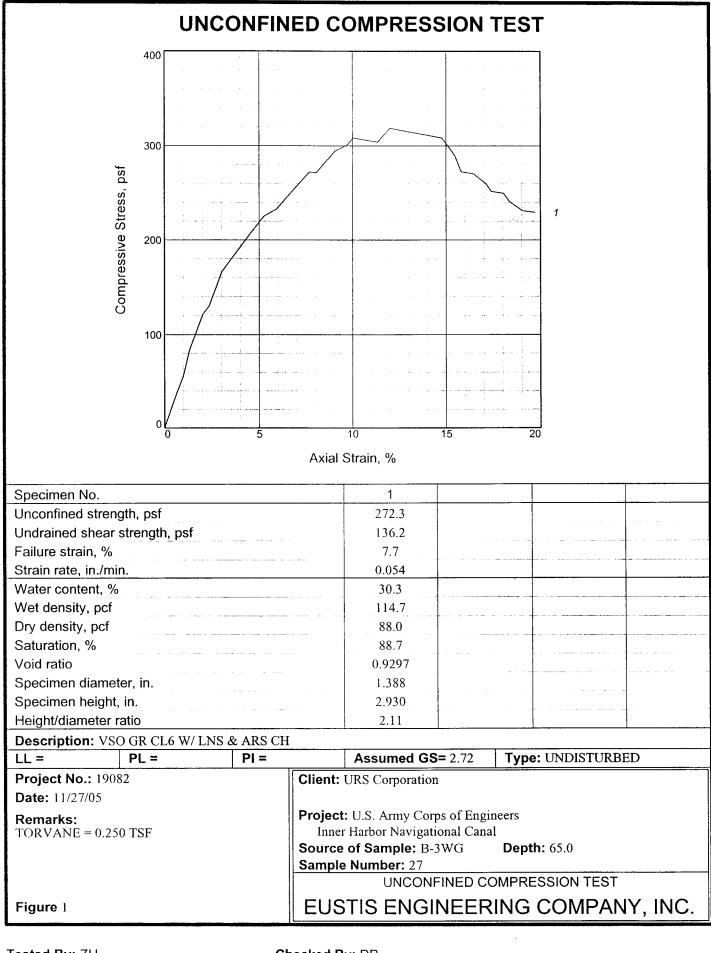


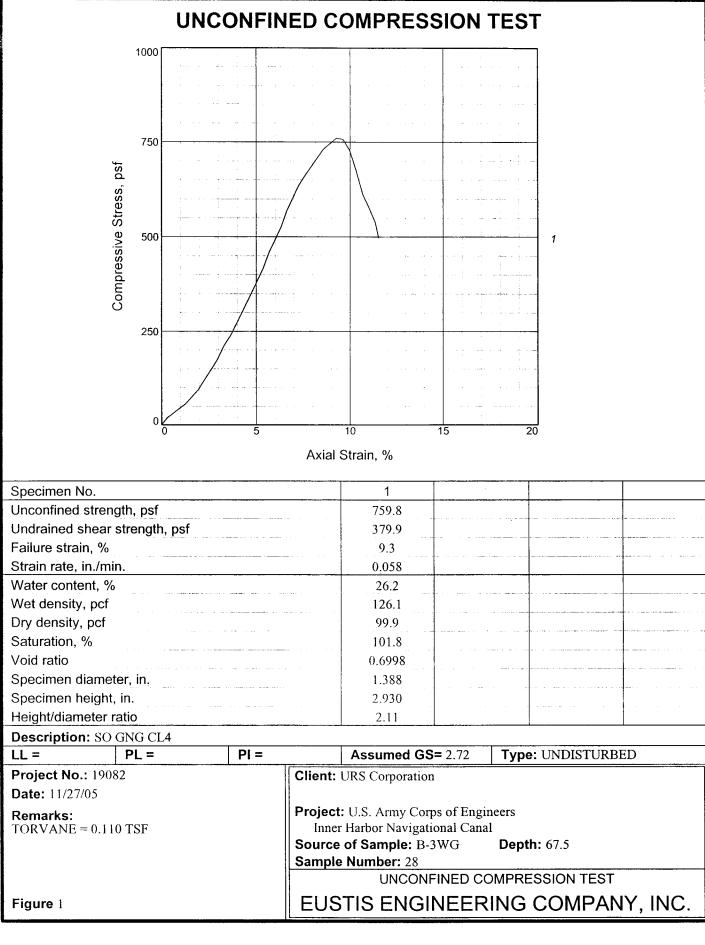






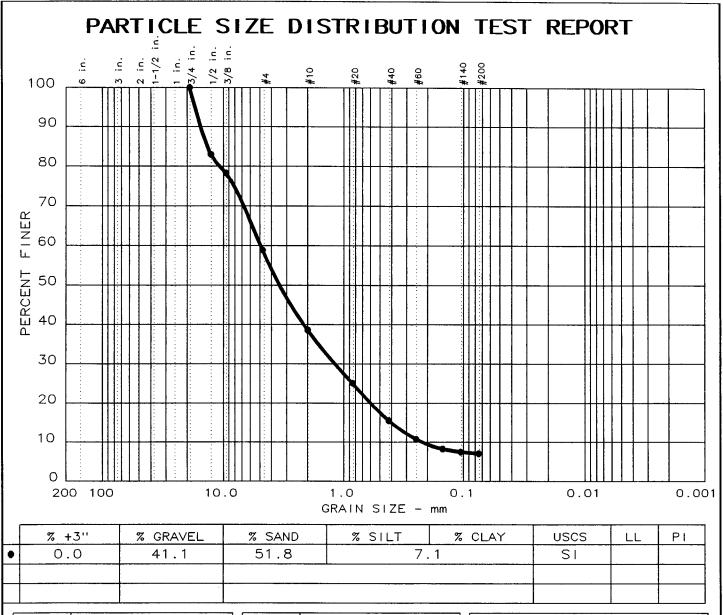
Tested By: zh Checked By: dp





Tested By: ZH

Checked By: DP



	SIEVE	PERCENT FINER			
ļ	inches size	•			
	0.75 0.5 0.375	100.0 82.9 78.3			
	> <	GRAIN SIZE			
	D ₆₀ D ₃₀ D ₁₀	4.92 1.18 0.22			
	\searrow	COEFFICIENTS			
	C c u	1.27 22.2			

SIEVE	PERCENT FINER				
number size	•				
4 10 20 40 60 100 140 200	58.9 38.6 25.1 15.6 10.7 8.3 7.5 7.1				
10 20 40 60 100 140	38.6 25.1 15.6 10.7 8.3 7.5 7.1				

Sample information: ●Boring 3WG,Sample 24 SI W/ GP, ARS SM

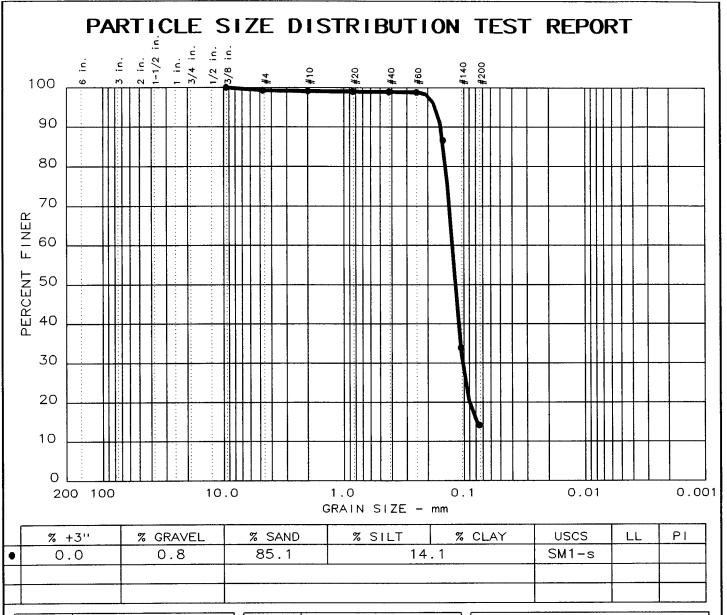
Remarks: Sample 57.5'

Eustis Engineering Company, Inc. Project No.: 19082

Project: USACE - IHNC

Date: 12-1-05

Data Sheet No.



SIEVE	PERCENT FINER					
inches size	•					
0.375	100.0					
><	GRAIN SIZE					
D ₆₀	0.13					
D 30	0.10					
D ₁₀						
	COEFFICIENTS					
C						
C c						

SIEVE PERCENT FINER					
		PERCENT FINER			
Size	number size	•			
4 99.2 10 99.1 20 99.0 40 98.9 60 98.8 100 86.6 140 33.9 200 14.2	10 20 40 60 100 140	99.1 99.0 98.9 98.8 86.6 33.9			

Sample information: ◆Boring 3WG,Sample 31 Gr SM1-s W/ TR SIF

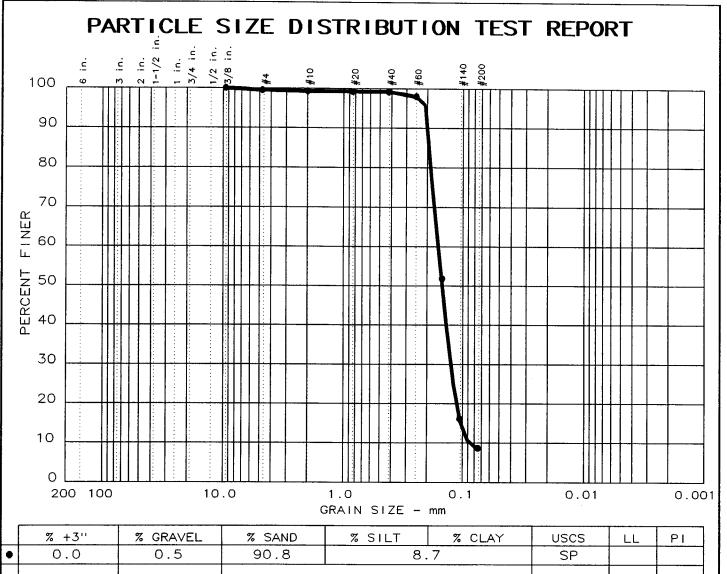
Remarks: Sample 75.0'

Eustis Engineering Company, Inc. Project No.: 19082

Project: USACE - IHNC

Date: 12-1-05

Data Sheet No.



-										
	SIEVE	PERC	CENT FI	NER	SIEVE	PER	CENT FI	NER	Sample	= informa
	inches size	•			number size	•			(g 3WG,San
ı	0.375	100.0			4	99.5			Gr SP	
					10	99.3				
				}	20	99.2				
					40	99.1				
					60	98.0				
1					100	51.8				

$\geq \leq$	GRAIN SIZE
D ₆₀ D ₃₀ D ₁₀	0.16 0.13 0.08
>>	COEFFICIENTS
O O u	1.13

4 99.5 10 99.3 20 99.2 40 99.1 60 98.0 100 51.8 140 16.1 200 8.7	number size	•	
	4 10 20 40 60 100 140	99.3 99.2 99.1 98.0 51.8 16.1	

nation: mple 38

Remarks: Sample 92.5'

Eustis Engineering Company, Inc.

Project No.: 19082

Project: USACE - IHNC

Date: 12-1-05

Data Sheet No.