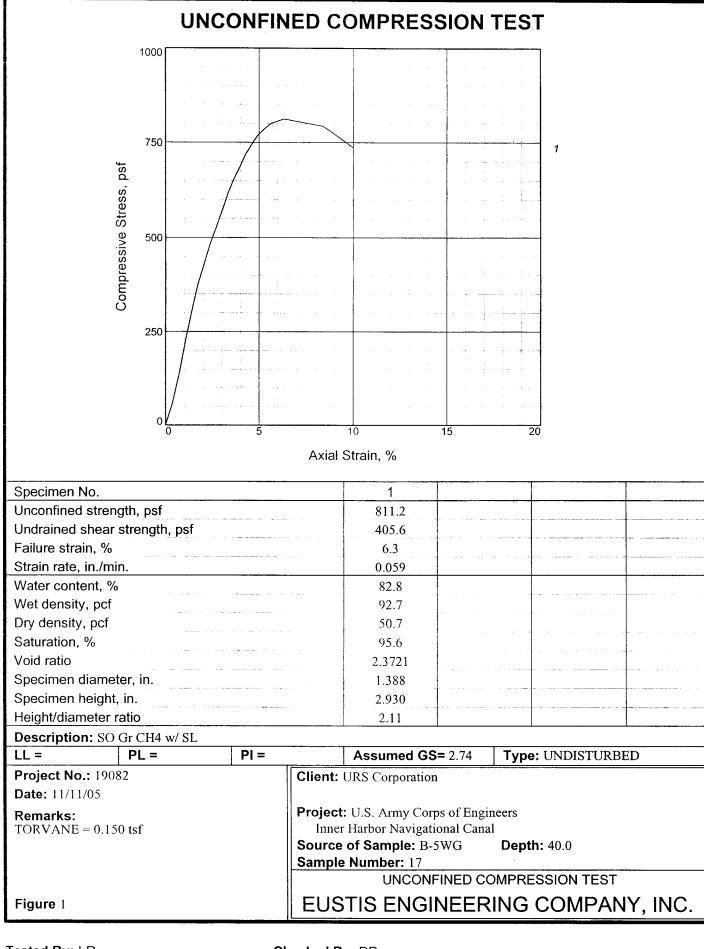
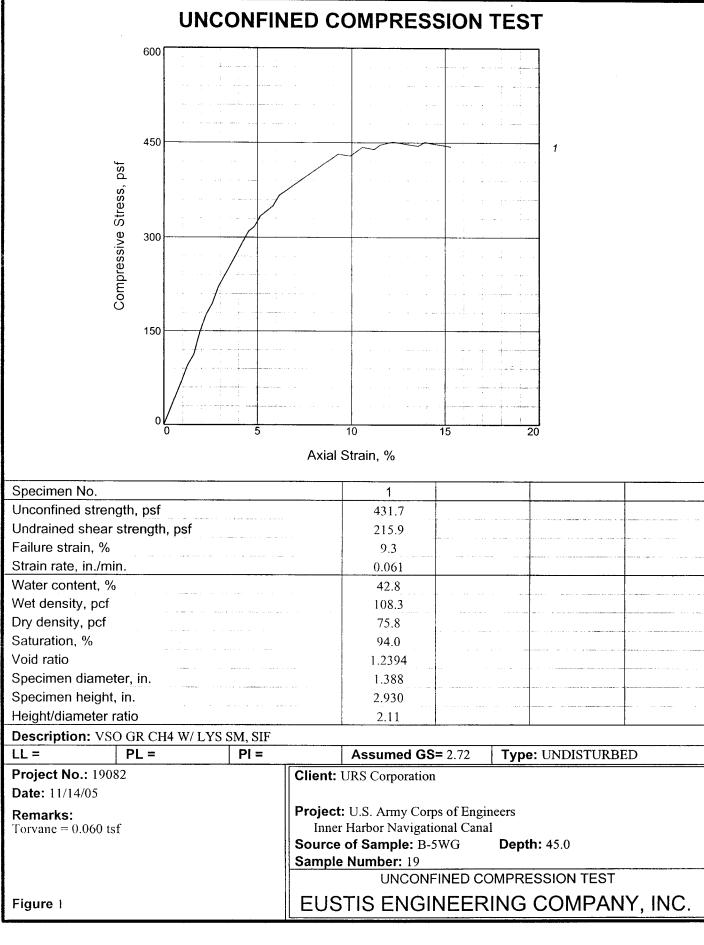
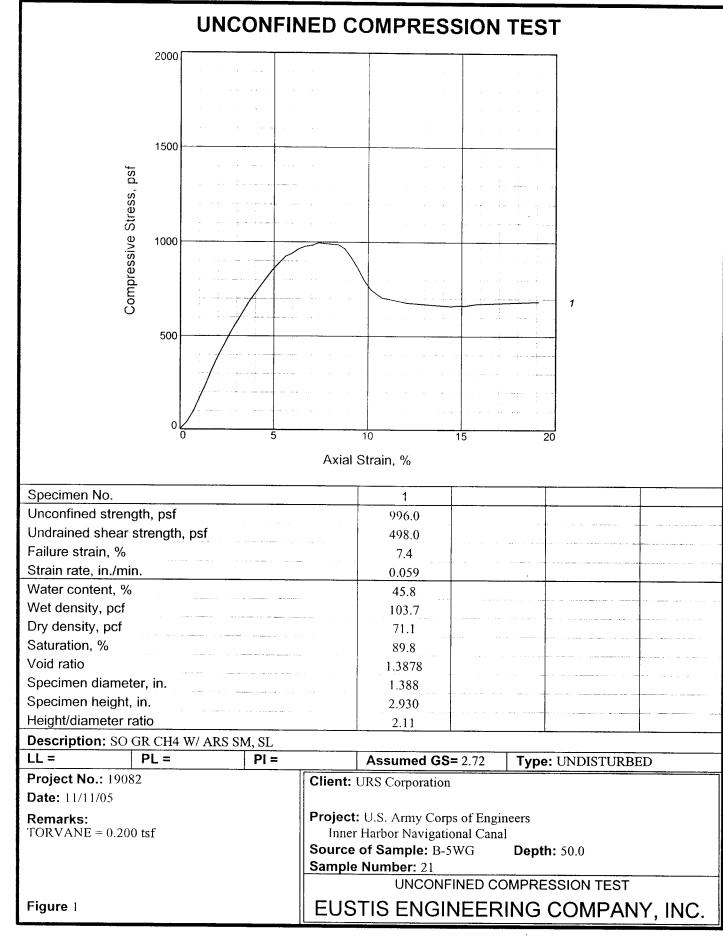


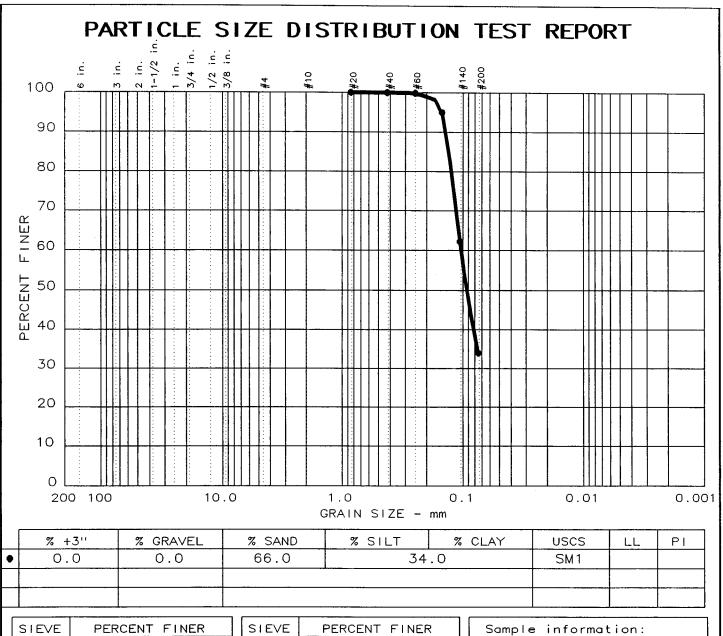
UNCONFINED COMPRESSION TEST 1000 750 Compressive Stress, psf 500 250 Axial Strain, % 1 Specimen No. Unconfined strength, psf 619.7 309.9 Undrained shear strength, psf 12.0 Failure strain, % 0.059 Strain rate, in./min. 53.2 Water content, % 103.1 Wet density, pcf 67.3 Dry density, pcf 94.5 Saturation, % Void ratio 1.5418 1.388 Specimen diameter, in. 2.930 Specimen height, in. 2.11 Height/diameter ratio Description: SO GR CH4 W/SL Type: UNDISTURBED Assumed GS= 2.74 PI = PL = **Client:** URS Corporation Project No.: 19082 Date: 11/14/05 Project: U.S. Army Corps of Engineers Remarks: Inner Harbor Navigational Canal TORVANE = 0.100 tsf**Depth:** 30.0 Source of Sample: B-5WG Sample Number: 13 **UNCONFINED COMPRESSION TEST** EUSTIS ENGINEERING COMPANY, INC. Figure 1

UNCONFINED COMPRESSION TEST 600 450 Compressive Stress, psf 300 150 Axial Strain, % 1 Specimen No. 509.6 Unconfined strength, psf 254.8 Undrained shear strength, psf 7.7 Failure strain, % 0.022 Strain rate, in./min. 68.7 Water content, % 98.1 Wet density, pcf 58.1 Dry density, pcf 96.9 Saturation, % 1.9422 Void ratio 1.388 Specimen diameter, in. 2.930 Specimen height, in. 2.11 Height/diameter ratio Description: SO GR CH4 W/SL Type: UNDISTURBED Assumed GS= 2.74 PI = **Client:** URS Corporation Project No.: 19082 Date: 11/11/05 Project: U.S. Army Corps of Engineers Remarks: Inner Harbor Navigational Canal TORVANE = 0.150 tsf**Depth: 35.0** Source of Sample: B-5WG Sample Number: 15 **UNCONFINED COMPRESSION TEST** EUSTIS ENGINEERING COMPANY, INC. Figure 1









SIEVE	PERCENT FINER		
size			
	GRAIN SIZE		
D ₆₀	0.10		
D ₁₀			
	COEFFICIENTS		
0 U			
1 6.			

SIEVE	PERCENT FINER		
number size	•		
20 40 60 100 140 200	100.0 100.0 99.8 95.0 62.2 34.0		
		I .	ı

Boring 5WG, Sample 26GnGr SM1

Remarks: Sample depth 61.5'

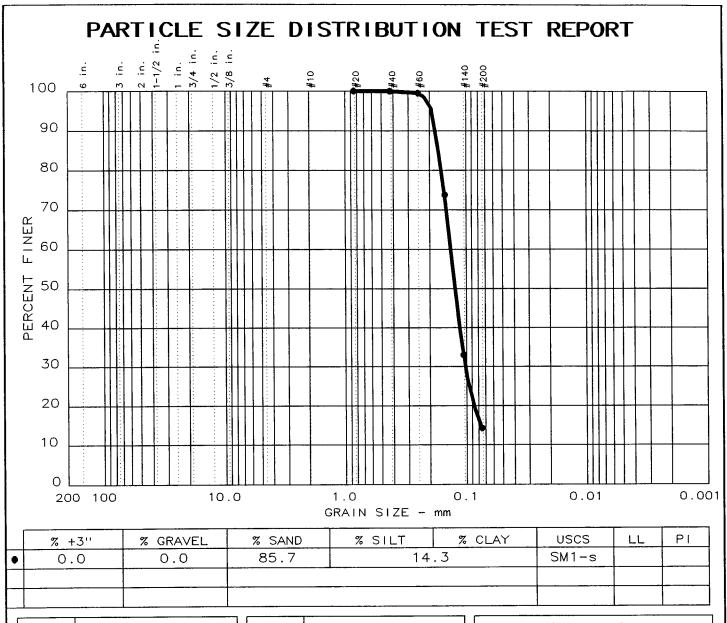
Eustis Engineering Company, Inc.

Project No.: 19082

Project: USACE

Date: 11-17-05

Data Sheet No.



SIEVE inches size	PERCENT FINER		
	GRAIN SIZE		
D ₆₀ D ₃₀ D ₁₀	0.13 0.10		
	COEFFICIENTS		
C c			

SIEVE	PERCENT FINER		
number size	•		
20 40 60 100 140 200	100.0 99.9 99.5 73.8 33.0 14.3		

Sample information: ●Boring 5WG,Sample 30 Gr SM1-s

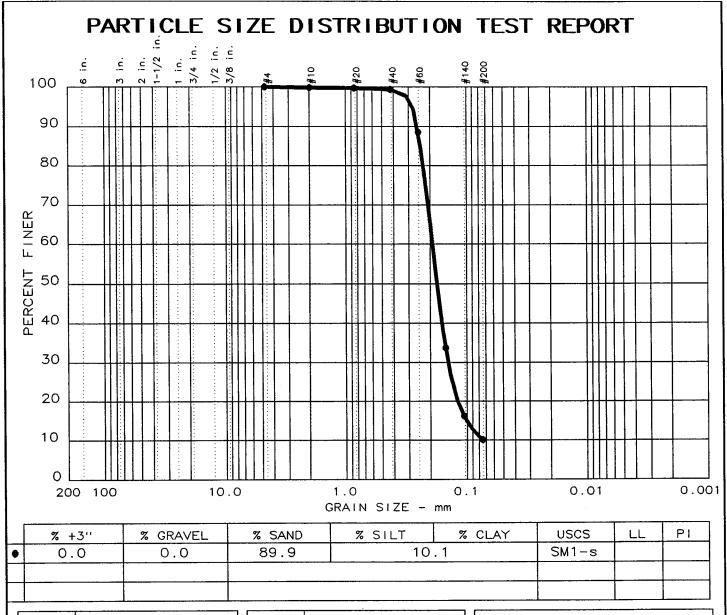
Remarks: Sample depth 70.5'

Eustis Engineering Company, Inc. Project No.: 19082

Project: USACE

Date: 11-18-05

Data Sheet No.



SIEVE	PERC	PERCENT FINER		
inches size	•			
> <	GRAIN SIZE			
D ₆₀ D ₃₀	0.19 0.14			
D ₁₀				
$\geq \leq$	COEFFICIENTS			

SIEVE	PERCENT FINER		
number size	•		
4 10 20 40 60 100 140 200	100.0 99.8 99.7 99.3 88.6 33.7 16.2 10.1		

Sample information: ◆Boring 5WG,Sample 36 Gr SM1-s

Remarks: Sample depth 85.0'

Eustis Engineering Company, Inc. Project No.: 19082

Project: USACE

Date: 11-18-05

Data Sheet No.