Summary of Test Results
GALVESTON DISTRICT, CORPS OF ENGINEERS
BROWNSVILLE ENTRANCE CHANNEL
BROWNSVILLE, TEXAS

El. -49.2

Boring Number	Sample Number	Sample Depth (Feet)	Visual Classification	MC (%)	UDW (PCF)	LL	PL	PI	Gradation, Percent Passing Sieve No. 4 10 40 100 200	UNC SU (KSF)	TV SU (KSF)	USCS
89-39	1	0.0- 2.0	GRAY SILTY FINE SAND with trace of shell fragments	29								SM
89-39	2	2.0- 3.5	VERY STIFF GRAY CLAY with silt pockets	34					100 100 100 100 99			CH
89-39	3	4.0- 6.0	GRAY SANDY SILT with trace of clay pockets	31								ML
89-39	4	8.0-10.0	STIFF GRAY CLAY with trace of silt pockets	48		74	23	51	100 100 100 99 98			CH
89-39	5	10.0-12.0	STIFF GRAY CLAY with sand and shell fragment pockets	47								CH
89-39	6	12.0-14.0	STIFF GRAY CLAY with sandy silt pockets	34								CH
89-39	7	14.0-16.0	STIFF GRAY CLAYEY SAND with trace of shell fragments	21								SC

3 Extra Tests for M.C. were performed.

JOB TITLE Drilling, Sampling
JOB NO. 9E-666-89

LOG OF BORING NO. 89-39

HEADING = 152°

CLIENT Galveston District, Corps Of Engineers

LOCATION Brownsville Entrance Channel, TX COORDINATES X = 2,451,151.93 Y = 147,268.52 offset = 8.07' @ 21°

DRILLING METHOD Rotary Wash

SAMPLER TYPE (S) 3" Thin-wall tube, split spoon

Mudline Elev. -49.19
Time Started 0645
Date Started 11-14-89
Time Completed 0815
Date Completed 11-14-89

Split barrel
Thin-wall tube
Liner
No recovery

Weather Conditions: WINDY
Drill rig: Failing 1500
Driller: F. Ketchum
Roughneck: K. Smith, D. Turney
Technician: M. Hoover, Dennis Boucher

Water Depth 48 Date Time 11-14-89 0650

Tide Elev.: -1.19 MLT @ 0645 hrs.

Sample Number	Depth	Type J/Q	Pen. / Tv.	Core From:	Core To:	Blow Counts Each 6" or Refusal	Depth Scale	Description:	Remarks:
1	2.0	J	—	0	2			DK. G. Si f Sa - w/SH FRAGS. - V Silty 2 -	Driller notes, SAND to 8.0.
2	3.5	J	—	2	3.5	1-1-2		- SaSi 4-8 - w/CL SMS 4-6	
3	6.0	J	—	4	6		-5-		
4	10.0	Q	.49 x 2	8	10		-10-	DK G CL - w/SH FRAGS 10 - - w/SH SMS 10 -	10-12 short Sample Due to shells in CL.
5	12.0	Qs	1.5	10	12				
6	14.0	Q	1.2	12	14			- w/SI SMS 12-13.5 - w/SA PKTS 14 - - 14 CL SA? to VSA CL LL/PL AMA	
7	16.0	Q	.9	14	16		-15-		Sample very FRAGILE
							-20-	B.T. = 16' = -65.2' MLT	

48.2
45.2
16
65.2

Page 1 of 1