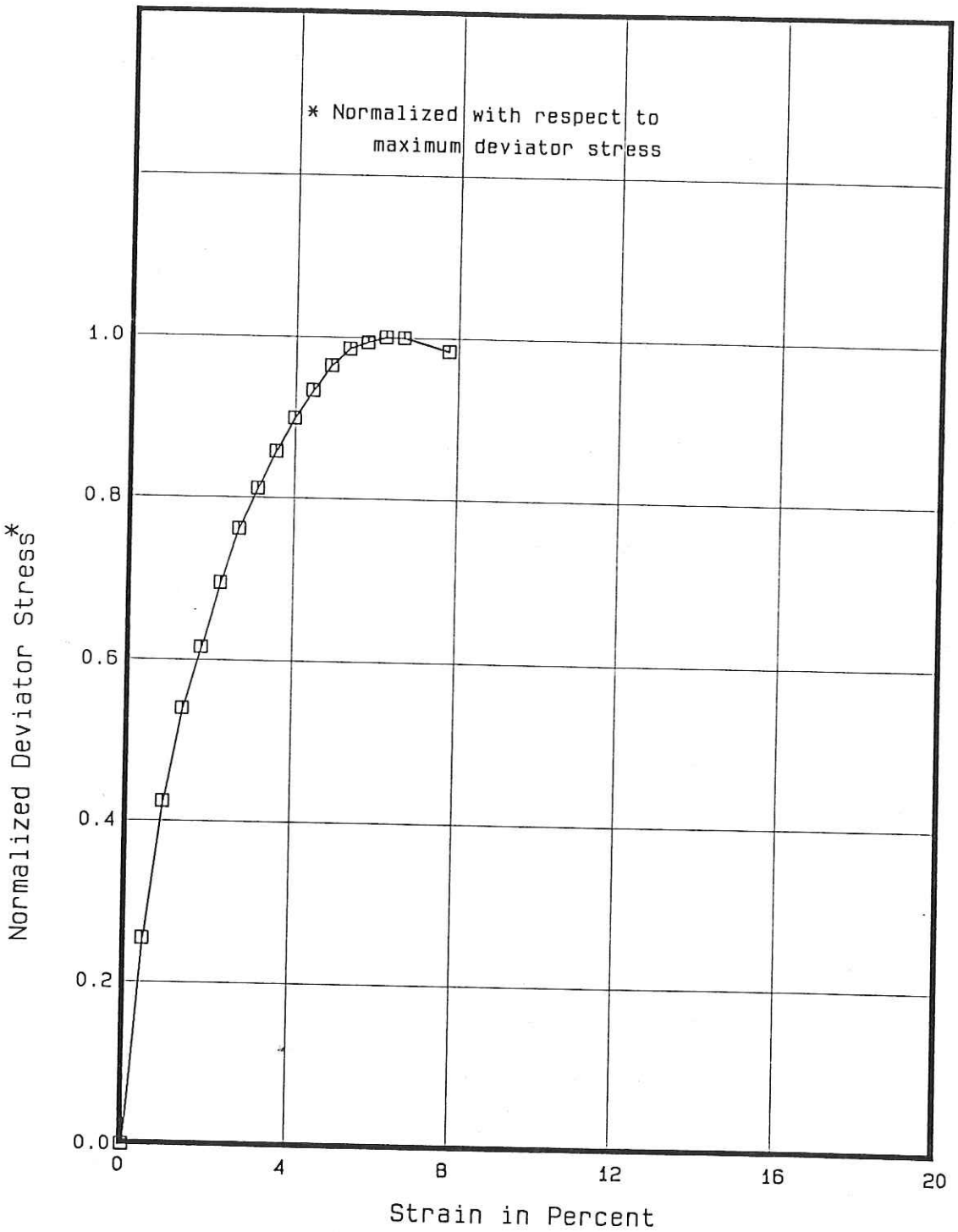
Summary of Test Results
GALVESTON DISTRICT, CORPS OF ENGINEERS
BROWNSVILLE ENTRANCE CHANNEL
BROWNSVILLE, TEXAS

El. -53.4

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
89-32	1	0.0- 2.0	STIFF LIGHT GRAY CLAY with calcareous deposits and silt	21	103											CH
89-32	2	2.0- 4.0	STIFF GRAY CLAY with silt pockets and gypsum-debris	24												CH
89-32	3	4.0- 6.0	STIFF GRAY CLAY with silt pockets and gypsum-debris	27	100	43	17	26	100	100	100	93	82	1.53	2.10	CL
89-32	4	6.0- 8.0	STIFF GRAY SILTY CLAY	26												CL
89-32	5	8.0-10.0	GRAY SILT with clay pockets and trace of calcareous nodules	28												ML
89-32	6	10.0-12.0	GRAY SILTY FINE SAND	29	95				100	100	100	72	44			SM

SE-666-89



STRESS-STRAIN CURVES

CURVE	BORING NO	TEST TYPE	DEPTH FT	CONFINING PRESSURE, KSF	MAXIMUM DEVIATOR STRESS, KSF
	87-32	U	6.0	0.00	3.06

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

LOG OF BORING NO. 89-32

HEADING = 238° offset 9.98 @ 321°

CLIENT Galveston District, Corps Of Engineers

LOCATION Brownsville Entrance Channel, TX COORDINATES X = 2,444,644.72 Y = 147,133.79

DRILLING METHOD Rotary Wash

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

Mudline Elev. -53.4
Time Started 0930
Date Started 11-14-89
Time Completed 1050
Date Completed 11-14-89

Split barrel
Thin-wall tube
Liner
No recovery

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

Water Depth 52' Date 11-14-89 Time 0925

Tide Elev.: -1.4 MLT @ 0922 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	Q	.7	0	2			FM Gr G Si CL - w/ calc Deps. to 4 - w/ Quartz 2-4 - w/ Si pkts 4-	Current too strong to pull out of hole, Smpl # 2 = JAR
2	4.0	J	1.0	2	4				
3	6.0	Q	1.6	4	6		5	UC - CL Si 6-8 to V Si CL ?	
4	8.0	Q	1.2	6	8				
5	10.0	Q	—	8	10		10	Gr G Si w/ CL Pkts LL/PL AMA UDWV	?
6	12.0	Q	—	10	12				
							15	B.T. = 12' = -65.4' MLT	

Boring 89-32 Was offset 133' North of Original Location