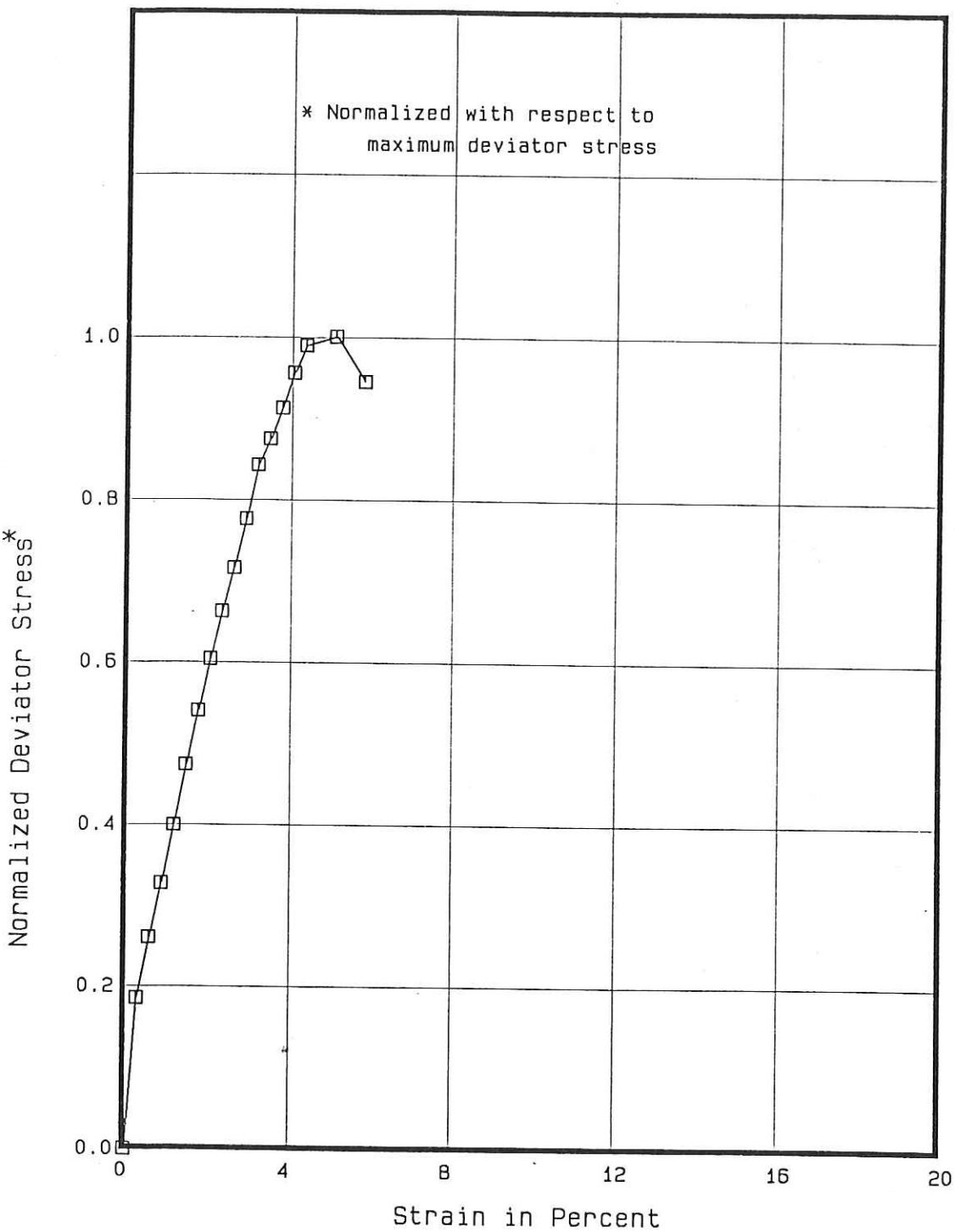
Summary of Test Results
GALVESTON DISTRICT, CORPS OF ENGINEERS
BROWNSVILLE ENTRANCE CHANNEL
BROWNSVILLE, TEXAS

El. - 45.5

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
89-33	1	0.0- 1.5	GRAY FINE SAND with shell fragments Dense 68	22					81	65	44	25	6			SP
89-33	2	5.0- 6.5	FIRM GRAY CLAY with silt pockets	24												CH
89-33	3	7.0- 9.0	STIFF GRAY CLAY with silt pockets and calcareous nodules	22	103											CH
89-33	4	9.0-11.0	VERY STIFF GRAY CLAY with numerous silty sand pockets, trace of calcareous nods	25												CL
89-33	5	11.0-13.0	FIRM GRAY SANDY CLAY with sand pockets and trace of calcareous nodules	28	95	35	16	19	100	100	100	87	66	0.53	0.44	CL
89-33	6	13.0-15.0	GRAY SANDY SILT with trace of clay pockets	33												ML

TV Test was not requested



STRESS-STRAIN CURVES

CURVE	BORING NO	TEST TYPE	DEPTH FT	CONFINING PRESSURE, KSF	MAXIMUM DEVIATOR STRESS, KSF
	89-33	U	13.0	0.00	1.05

SE-666-89

*Jetties / Stop

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

LOG OF BORING NO. 89-33
CLIENT Galveston District, Corps Of Engineers

LOCATION Brownsville Entrance Channel, TX COORDINATES X = 2,445,153 Y = 147,142

DRILLING METHOD Rotary Wash

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

Mudline Elev. -45.48
Time Started 2130
Date Started 11/13/89
Time Completed 2345
Date Completed 11/13/89

Split barrel
Thin-wall tube
Liner
No recovery

Weather Conditions: Very Strong Current
Drill rig: Failing 1500
Driller: Mooney
Roughneck: T. Holt, T. Stone
Technician: Mireles

Water Depth 47' Date Time 11/13/89 2123

Tide Elev.: 1.52 MLT @ 2122 hrs.

Sample Number	Depth	Type J/Q	Pen. / Tv.	Core From:	Core To:	Blow Counts Each 6" or Refusal	Depth Scale	Description:	Remarks:
1	1.5	J	—	0	1.5	6-5-4		G Si Fsa -w/ num shell Frags	Pushed 4-6' N/R. drilled to 5'
								Gy ?	
							5	So Lt Cl -w/ sa Pkts	
2	6.5	J	1.0	5	6.5	3-3-4		ST 7' -w/ calc Nods ?	
3	9	Q	2.25	7	9				
4	11	Q	2.0	9	11		10		
5	13	Q	1.0	11	13	UC		FM G Vsa Cl -w/ sa Pkts	UC
6	15	Q	—	13	15		15		
								B.T. = 17' ? = -62.5' MLT	
							20		

47.5
45.5
15
60.5

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