

Elevation _____ Location Disposal Area 8 Driller R. AGUILAR

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Remarks: Casing set to 10' depth

Boring Sealed? w/cuttings

Dry Auger to ft

Wet Rotary 0 to 29 ft

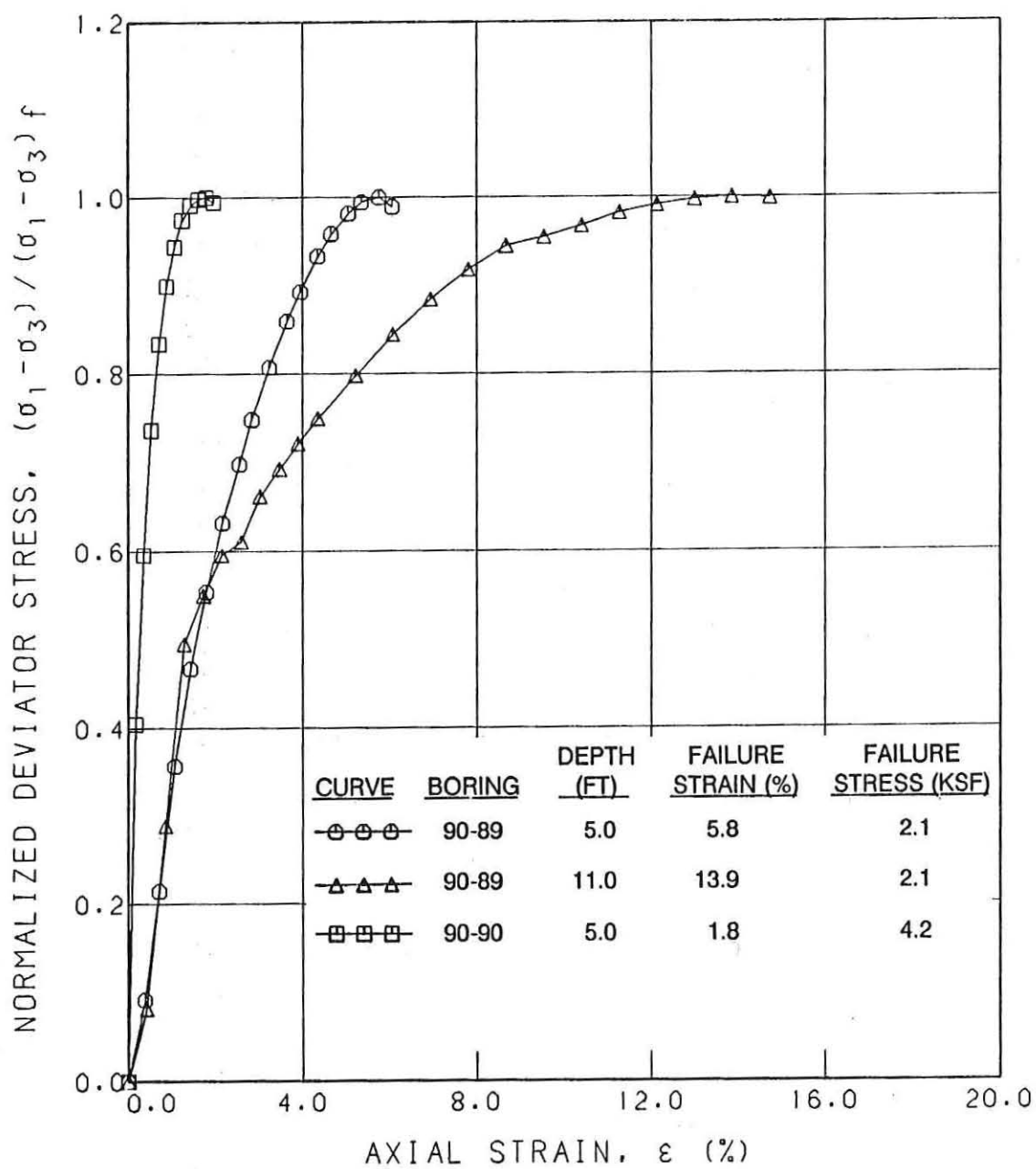
Water First Noticed ft

Depth to Water 8.5' Caved at Date Time ;

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SUMMARY OF TEST RESULTS
Galveston District, Corps of Engineers
Delivery Order No. 0016
Brazos Island Harbor
Brownsville Ship Channel

Boring Number	Sample Number	Sample Depth (ft)	Visual Classification	USCS	MC (%)	UDW (pcf)	LL	PL	PI	Gradation, % Passing Sieve No. 4 10 40 200				UNC Su (ksf)	TV Su (ksf)
90-90	1Q	3-5	Very stiff brown CLAY w/sacl sms, sa & si pckts	CH	34	94	76	28			98	89		2.1	
90-90	2Q	5-7	Stiff brown SANDY CLAY w/ fe stns, cl & sa pckts	CL	15										
90-90	3J	7.5-9	Brown SANDY CLAY w/ calc deps & cl pckts	CL	23										
90-90	4J	13.5-14	Brown SAND w/ clay pockets	SP	28						100	85	17		
90-90	5J	17.5-19	Red SANDY CLAY	CL	21										
90-90	6J	22.5-24	Brown SANDY CLAY w/ calcareous pckts & deps	CL	24		28				95	92	88 78		
90-90	7J	27.5-29	Brown fine SILTY SAND w/ cl pckts & calc deps	SM	24		26				99	99	95 59		
90-91	1Q	3-5	Very stiff dark brown CLAY w/ org & calc deps	CH	28										
90-91	2Q	5-7	Stiff brown CLAY w/ ferrous stns & silt pckts	CH	27	92	54	23			100	99	95 90	2.0	
90-91	3Q	9-11	Stiff gray and brown CLAY w/ silt pckts & ferrous nods	CH	32										
90-91	4Q	11-13	Firm brown and lt gray CLAY w/ si pckts & fe stns	CH	29	90	58	21			100	99	97 93	0.9	
90-91	5J	13-15	Gray and tan SANDY CLAY w/ calcareous nods	CL	21										
90-91	6J	15-17	Gray and tan CLAYEY SAND w/calcareous nods	SC	19	112					100	99	66 35		
90-91	7J	17.5-19	Very stiff gray and brown SANDY CLAY w/ calc deps	CL	20										
90-91	8Q	21-23	Stiff tan CLAY w/ calcareous deposits	CH	21										
90-91	9Q	23-25	Stiff brown SILTY CLAY w/ calcareous deposits	CL	22	106	29	17			90	88	87 76	1.0	
90-91	10J	28.5-30	Brown fine SILTY SAND w/ clay pckts & free water	SM	27										
90-91	11J	33.5-35	Brown CLAY w/ sand seams	CH	25										
90-91	12J	38.5-40	Brown fine SAND w/ clay pockets	SP	24						100	95	26		



STRESS-STRAIN CURVES
UNCONFINED COMPRESSION TEST