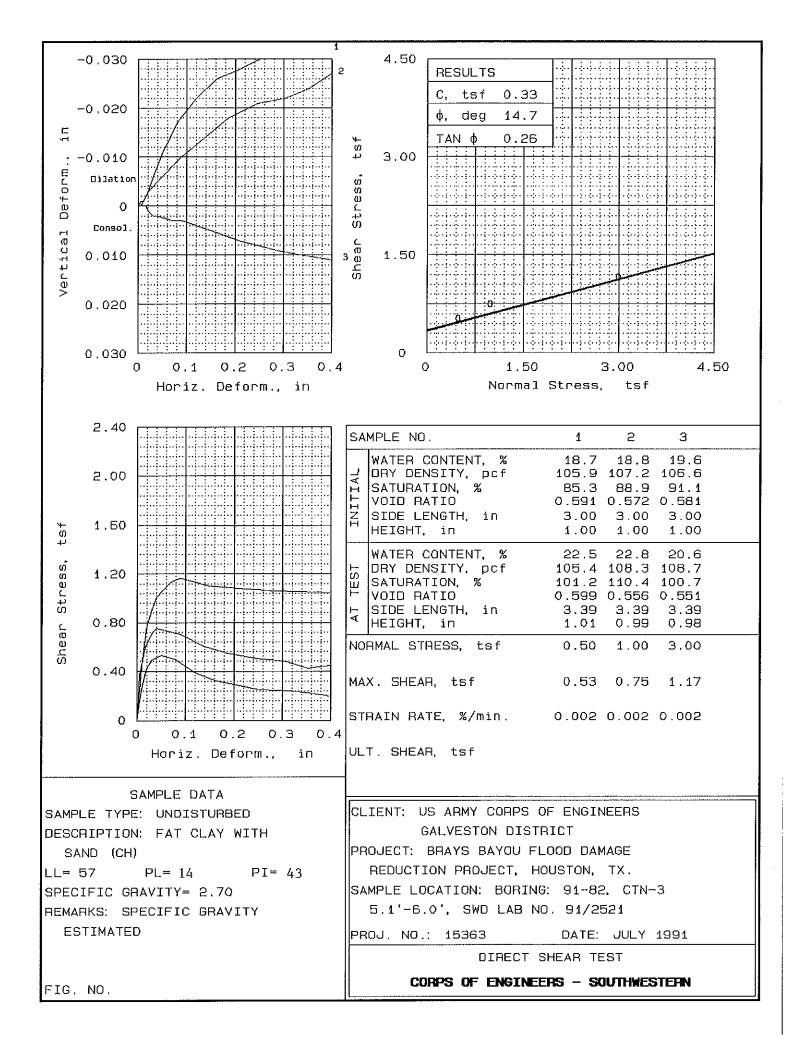
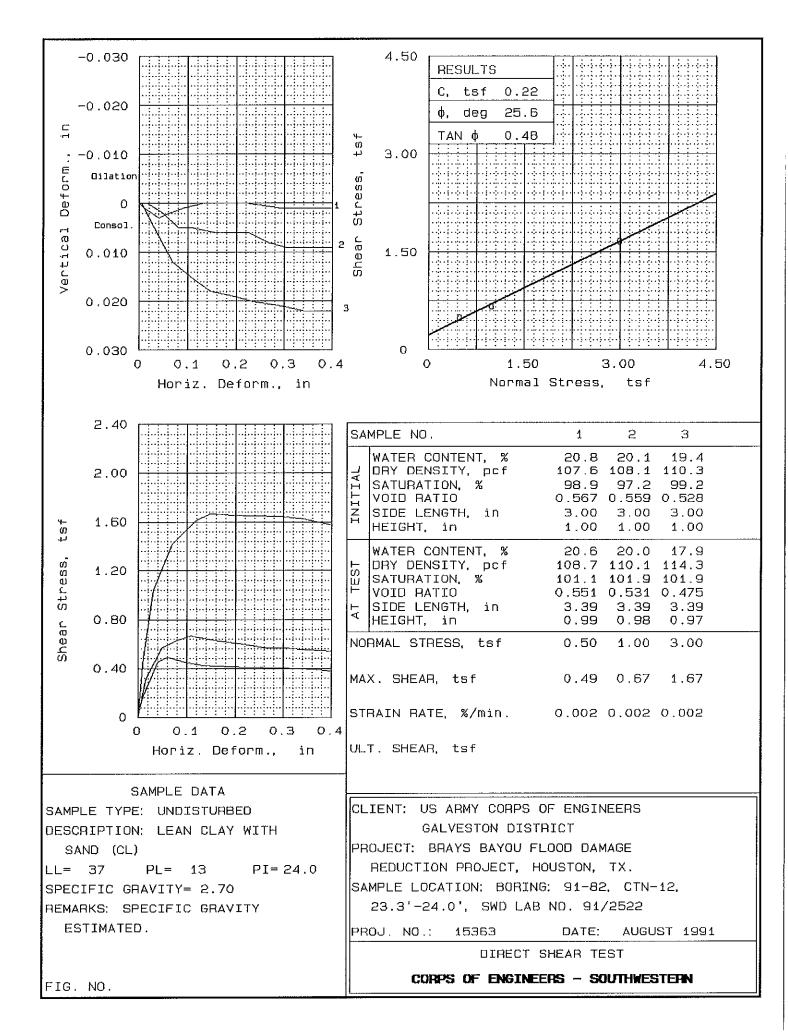
U.S. STANDARD SIEVE DPENING IN INCHES U.S. STANDARD SIEVE NUMBERS HYDROMETER 1-1/2 in. 1/2 in. 3/8 in. 3/4 in. 1 in. P in. б іл. а in. #200 #140 #10 °, ₽ ■ 1≉60 #40 74 100 Ĩ Т 90 **9**8 DV WEIGHT 70 g Contract Reg. No. W.O. No. 40 PERCENT 30 20 10 0 0.001 DEPARTMENT OF THE ARMY, SOUTHWESTERN DIVISION LABORATORY 200 100 50 10.0 5 1.0 0.5 0.1 0.05 0.01 0.005 75235 GRAIN SIZE IN MILLIMETERS % GRAVEL % SAND % SILT OR CLAY % COBBLES 1.0 23.0 76.0 ۲ 0.0 Х 14.0 85.0 0.0 1.0 DALLAS.  $\mathrm{C}_{\mathrm{LI}}$ Elev or Depth Nat W% LL PL. ΡI Sample No.  $C_{C}$ 91/2521 4.0-6.0 19.5 57 14 43 4815 CASS STREET, • 91/2522 22.0-24.0 21.3 37 13 24 CLASSIFICATION • FAT CLAY WITH SAND (CH) ▲ LEAN CLAY WITH SAND (CL) ENGINEERS, Project BRAYS BAYOU Remarks: FLOOD DAMAGE REDUCTION PROJECT Lab No. SWDED-GL RPT ND. 15363 Ц Area CORPS Date AUGUST 1991 Boring No. 91-82 GRADATION CURVES





## TABLE 1

## RESULTS OF TESTS OF DISTURBED AND UNDISTURBED SOIL SAMPLES

SWDED-GL REPORT NO. 15363 BRAYS BAYOU - FLOOD DAMAGE REDUCTION PROJECT.

			-														
DESCRIPTION	JOR TESTS		PCF	WC, %	LS	P]	PL	LL	FI	SA	GR	FT	DEPTH,	FLD NO.	SWD NO.	NO.	BORING
CH - FAT CLAY WITH SAND, GRAYISH BROWN MOTTLI		DS	110	18.0		51	16	67	81	17	2	10.0	8.0 -	CTN-5	91/2518	77	91
CALCAREOUS, IRON-OXIDE DEPOSITS, CALCAR																	
CH - FAT CLAY WITH SAND, LIGHT GRAYISH BROWN		DS	106	20.2	ī	47	13	60	82	15	3	6.0	4,0 -	CTN-3	91/2519	79	91
NON-CALCAREOUS, IRON-OXIDE DEPOSITS, CA		-	1														
CL - LEAN CLAY WITH SAND, REDDISH YELLOW, MO		DS	110	18.3		23	12	35	76	24	0	20.0	18.0 -	CTN-10	91/2520	79	91
VERY FINE SILTY SAND.																	
CH - FAT CLAY WITH SAND, LIGHT GRAYISH BROWN		DS	107	19.5	1	43	14	57	76	23	1	6.0	4,0 -	CTN-3	91/2521	82	91
CALCAREOUS, IRON-OXIDE DEPOSITS, CALCARI																	
CL - LEAN CLAY WITH SAND, LIGHT BROWN AND LIG		DS	106	21.3		. 24	13	37	85	14	1	24.0	22.0 -	CTN-12	91/2522	82	91
A FEW GRAVELS, CALCAREOUS NODULES THROUG																	
CL - LEAN CLAY WITH SAND, YELLOW AND GRAY, MC		DS	98	25.3		26	13	39	83	17	0	16.0	14.0 -	CTN-8	91/2523	84	91
AND POCKETS THROUGHOUT, VERY SANDY IN TO																	
CH - FAT CLAY, GRAY, MOIST, STIFF(1.5), NON-(		DS	80	39.1		73	22	95	89	10	1	6.0	4.0 -	CTN-3	91/2524	87	91
CH - FAT CLAY WITH SAND, LIGHT GRAY AND BROWN		DS	96	28,2		44	20	64	83	16	1	16.0	14.0 -	CTN-8	91/2525	87	91

FAT CLAY, GRAY, MOIST, STIFF(1.5), NON-CALCAREOUS, IRON-OXIDE DEPOSITS, CALCAREOUS NODULES. FAT CLAY WITH SAND, LIGHT GRAY AND BROWN AND OLIVE SPOTS, MOIST, VERY STIFF(2.25), NON-CALCAREOUS CALCAREOUS NODULES TO 1 1/2", IRON-OXIDE DEPOSITS, INDURATED THROUGHOUT.

ON OF MATERIAL

TLED WITH BROWNISH GRAY AND GRAY, MOIST, HARD(>4.0), NON-CAREOUS POCKETS, CALCAREOUS NODULES TO 1/2" IN BOTTOM 2". WN MOTTLED WITH YELLOW AND GRAY, MOIST, VERY STIFF(2.0-2.5), CALCAREOUS NODULES THROUGHOUT.

MOIST, VERY STIFF(2.25), NON-CALCAREOUS, POCKETS OF GRAY

WN MOTTLED WITH GRAY, MOIST, VERY STIFF(3.25), NON-

LIGHT GRAY, MOIST, VERY STIFF(2.25), NON-CALCAREOUS,

DUGHOUT.

MOIST, SOFT(0.5), NON-CALCAREOUS, CALCAREOUS NODULES, SEAMS