TABLE I (CON'D)

TEST DATA SUMMARY
BRAYS BAYOU CHANNEL RECTIFICATION
SUMMARY OF IDENTIFICATION TESTS

BORING NO.	Elev.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	D_{10}	ATTERBERG LIMITS: LL	PL	SPECIFIC GRAVITY G	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS/CU FT	COMPACTION DATA: OPTIMUM WATER %	MAXIMUM DRY DENSITY LBS/CU FT	SHEAR DATA: INITIAL e	DRY DENSITY LBS/CU FT	W_i %	W_f %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_{III} T/SQ FT	σ_I T/SQ FT	C T/SQ FT	Ø DEGREES	PERMEABILITY: e	K FT/MIN	CONSOLIDATION DATA: P_o T/SQ FT	P_c T/SQ FT	C_c	t_{50}*	REMARKS BLS
6ST-		29.5-	CH	0	5	95		58			25	103																					21
157		33.0		Light Gray to Rust Clay, hard, calcareous																													
(Con'd)		33.0-	CL	0	9	91		39			19	110																					14
		40.0		Light Gray to Rust Clay, hard, calcareous																													
6ST-		0.0-	CL	1	29	70		41			17	112																					13
158		12.0		Brown to Gray Sandy Clay, hard, with roots																													
		12.0-	SM	0	81	19					21	111																					1
		22.5		Light Gray to Rust Silty Sand, soft, watery																													
		22.5-	CH	0	2	98		67			28	96																					23
		24.0		Tan to Light Gray Clay, plastic																													
		24.0-	CL	0	9	91		45			18	112																					19
		29.5		Light Gray Clay, plastic to stiff																													
		29.5-	CH	0	11	89		51			23	103																					21
		31.0		Light Gray Clay, stiff to hard, calcareous																													
		31.0-	CL	1	20	79		30			19	110																					8
		36.5		Light Gray to Rust Sandy Clay, stiff to hard, calcareous																													
		36.5-	CL	0	4	96		45			21	109																					18
		47.0		Light Gray to Rust Clay, hard, calcareous																													
		47.0-	CL	0	1	99		28			21	105																					6
		50.0		Light Gray to Rust Clay, firm																													
		50.0-	CH	0	0	100		57			23	105																					19
		60.0		Light Gray to Rust Clay, hard																													
6ST-		0.0-	CL	0	18	82		41			20	106																					14
161		12.0		Gray to Rust Clay, hard, calcareous																													
		12.0-	ML	1	47	52					19	107																					1
		26.0		Light Gray to Rust Sandy Silt, firm to soft																													
		26.0-	CH	0	6	94		52			24	102																					20
		30.5		Tan to Light Gray Clay, hard, calcareous																													
		30.5-	CL	0	17	83		28			20	108																					8
		34.5		Light Gray to Rust Clay, firm to hard																													
		34.5-	CH	0	5	95		50			22	104																					20
		40.0		Tan to Light Gray Clay, hard, calcareous																													
6ST-		0.0-	CL	0	26	74		40			19	105																					13
162		4.0		Gray Sandy Clay, stiff to hard, calcareous																													
		4.0-	CL	0	9	91		32			17	111																					11
		17.0		Tan to Light Gray Clay, stiff, calcareous																													
		17.0-	CL	0	46	54		27			20	107																					5
		20.0		Light Gray to Rust Sandy Clay, plastic to soft																													
		20.0-	SM	0	72	28					28																						0
		26.0		Light Gray to Rust Silty Sand, soft, watery																													
		26.0-	CH	2	8	90		50			24	105																					19
		32.0		Tan to Light Gray Clay, hard, calcareous																													
		32.0-	CL	0	20	80		28			22	106																					7
		33.5		Rust to Light Gray Clay, stiff, calcareous																													
		33.5-	CH	0	5	95		54			22	103																					20
		41.5		Light Gray to Rust Clay, hard, calcareous																													

* Values at Pressure T/SQ FT

- Triaxial Compression
UC - Unconfined Compression

DS - Direct Shear
UU - Unconsolidated Undrained

- Consolidated Drained
CU - Consolidated Undrained

CHANNEL RECTIFICATION
BRAYS BAYOU

SUMMARY OF IDENTIFICATION TESTS ON SAMPLES FOR SHEAR AND CONSOLIDATION TESTS
HOUSTON, TEXAS

TABLE 1

ADDENDUM NO. 16

BORING NO	SAMPLE DEPTH FT	DISTRICT SERIAL NO	DENSITY DATA M. C., %	DENSITY DATA U.D.W. lbs/cu.ft.	SPECIFIC GRAVITY	ATTERBERG LIMITS L.L.	ATTERBERG LIMITS P.L.	ATTERBERG LIMITS P.I.	BAR L.S.	SIEVE ANALYSIS Gr.	SIEVE ANALYSIS Sa.	SIEVE ANALYSIS Fines	CLASSIFICATION
6ST-143	4.0- 6.0	57-3576	28.5	93.3	2.75	61.3	19.9	41.4	22.0	0	14	86	Lt Ru-L, Cl(CH), Hd, SL
6ST- 98	23.5-25.0	57-2669	19.1	109.9	--	31.2	20.7	10.5	6.0	0	32	68	Lt, SaCl(CL), Hd
6ST-109	13.0-15.0	57-2646	13.4	113.7	--	32.6	12.0	20.6	10.5	0	20	80	T-L, Cl(CL), Hd
6ST-111	24.0-26.0	57-3060	18.6	111.5	--	45.8	12.6	33.2	18.0	0	10	90	T-L, Cl(CL), Hd
6ST-118	9.0-11.0	57-3352	20.8	105.8	--	39.3	12.5	26.8	13.0	0	22	78	L, Cl(CL), Hd
6ST-125	11.5-13.5	57-3777	23.6	98.6	--	49.5	14.1	35.4	16.0	0	8	92	L-D, Cl(CL), St
6ST-137	27.5-29.5	57-3540	20.6	106.3	--	45.7	12.9	32.8	15.5	0	11	89	Ru-T-L, Cl(CL), v/st
6ST-143	2.0- 4.0	57-3575	26.8	94.6	--	56.2	18.8	37.4	20.0	0	9	91	G, Cl(CH), Hd
6ST-155	29.0-30.5	57-4095	24.2	94.1	--	60.3	16.1	44.2	23.0	0	6	94	T-L,Cl(CH), v/st. Calc
6ST-158	10.0-12.0	57-3819	18.8	109.9	--	34.8	11.3	23.5	11.0	0	40	60	T-L, SaCl(CL), St.
6ST-162	26.0-27.5	57-3913	24.4	105.9	--	49.5	13.1	36.4	19.0	0	9	91	T-L, Cl(CL), Hd, Sl

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CHANNEL RECTIFICATION
BRAYS BAYOU
SUMMARY OF DIRECT SHEAR TEST DATA
HOUSTON, TEXAS

TABLE 2

ADDENDUM NO. 16

BORING NO.	SAMPLE DEPTH FT.	DISTRICT SERIAL NO.	DENSITY DATA M. C., %	DENSITY DATA U.D.W.* lbs/cu.ft.	DIRECT SHEAR TEST DATA Maximum Ø	Maximum c.Tons/Sq.Ft.	Ultimate Ø	Ultimate c.Tons/Sq.Ft.
6ST-109	13.0-15.0	57-2646	11.1	107.6	27.49	.05	23.82	.05
6ST-143	2.0- 4.0	57-3575	25.1	92.7	16.4	.34	16.3	.16
6ST- 98	23.5-25.0	57-2669	18.5	105.5	34.17	.05	32.46	.05
6ST-111	24.0-26.0	57-3060	18.1	112.0	20.82	.70	15.05	.38
6ST-118	9.0-11.0	57-3352	19.9	104.7	18.43	.45	20.47	.10
6ST-125	11.5-13.5	57-3777	24.7	93.3	18.43	.25	18.43	.10
6ST-137	27.5-29.5	57.3540	20.7	102.3	27.23	.26	23.62	.12
6ST-155	29.0-30.5	57-4095	23.9	97.0	13.85	.55	14.00	.48
6ST-158	10.0-12.0	57-3819	17.5	110.0	21.13	.60	20.8	.40
6ST-162	26.0-27.5	57-3913	18.5	109.2	9.6	1.24	12.4	.60
6ST-143	2.0-4.0	57-3575	25.1	92.7	16.4	0.34	16.3	0.16

* Average of 3 specimens

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