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_{90}*	REMARKS BLS
6ST-		0.0-	CL	0	22	78		37			13	112																					13
153		5.5		Brown to Gray Sandy Clay, hard,																													
		5.5-	CL	1	28	71		29			13	116																					9
		8.5		Light Gray to Rust Sandy Clay, hard, calcareous																													
		8.5-	CL	1	17	82		37			15	112																					13
		24.5		Tan to Light Gray Clay, hard, calcareous																													
		24.5-	CH	0	4	96		52			23	102																					20
		39.5		Light Gray to Rust Clay, hard																													
BA-		0.0-	CL	0	22	78		33			15																						11
154		12.5		Light Gray to Rust Sandy Clay, hard																													
		12.5-	CH	0	6	94		53			22																						21
		40.0		Light Gray to Rust Clay, hard																													
6ST-		0.0-	CL	0	7	93		41			15	112																					17
155		2.0		Gray Clay, hard																													
		2.0-	CL	3	32	65		32			13	119																					13
		7.5		Tan to Light Gray Sandy Clay, hard																													
		7.5-	CL	1	11	88		41			17	112																					16
		9.0		Light Gray to Rust Clay, hard, calcareous																													
		9.0-	CH	0	7	93		57			22	104																					22
		35.0		Tan to Light Gray Clay, hard, calcareous																													
		35.0-	CL	0	16	84		29			19	106																					9
		36.5		Light Gray to Rust Clay, firm, calcareous																													
		36.5-	CH	0	4	96		49			21	107																					20
		39.5		Tan to Gray Clay, hard, calcareous																													
BA-		0.0-	CL	0	29	71		33			14																						10
156		9.5		Brown Sandy Clay, hard, with roots																													
		9.5-	CH	0	11	89		53			19																						20
		16.5		Tan to Light Gray Clay, hard, calcareous																													
		16.5-	CL	1	12	87		44			17																						16
		26.0		Light Gray to Rust Clay, hard, calcareous																													
		26.0-	CH	0	10	90		54			20																						15
		33.0		Light Gray to Rust Clay, hard																													
		33.0-	CL								18																						
		40.0		Tan to Light Gray Clay, hard, calcareous																													
6ST-		0.0-	CL	1	22	77		38			20	106																					14
157		6.0		Tan to Rust Sandy Clay, plastic to stiff, calcareous																													
		6.0-	CH	0	15	85		50			23	104																					19
		12.0		Brown to Light Gray Clay, hard, calcareous																													
		12.0-	CL	0	20	80		40			20	104																					14
		17.0		Light Gray to Rust Clay, plastic to stiff, calcareous																													
		17.0-	CH	0	9	91		56			24	102																					20
		22.0		Tan to Light Gray Clay, hard, calcareous																													
		22.0-	CL	0	13	87		46			17	114																					19
		29.5		Tan to Light Gray 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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