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				ATTERBERG LIMITS		SPECIFIC GRAVITY	NATURAL WATER CONTENT	NATURAL DRY DENSITY	COMPACTION DATA		SHEAR DATA												PERMEABILITY		CONSOLIDATION DATA				REMARKS
				GRAVEL %	SAND %	FINES %	D_{10}	LL	PL	G	%	LBS/CU FT	OPTIMUM WATER %	MAXIMUM DRY DENSITY LBS/CU FT	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	e	K FT/MIN	P_o T/SQ FT	P_c T/SQ FT	C_c	t_{50}*	BLS
6ST-		18.0-	CL	0	29	71		33			15	116																					9
103		23.0		Tan to Light Gray Sandy Clay, hard, calcareous concretions																													
(Con'd)		23.0-	ML	0	41	59					18	109																					3
		24.5		Tan to Light Gray Sandy Silt, firm																													
		24.5-	SP	0	96	4					24	106																					0
	22.2	41.0		Tan Sand, soft, watery																													
6ST-	58.9	0.0-	CL	7	21	72		49			21	104																					15
104		3.5		Brown to Gray Sandy Clay, stiff to hard																													
		3.5-	CL	0	31	69		34			15	114																					11
		20.5		Tan to Light Gray Sandy Clay, stiff to hard, calcareous concretions																													
		20.5-	SC	0	75	25					16	113																					0
		22.5		Tan to Light Gray Clayey Sand, firm																													
		22.5-	SP	0	91	9					26																						0
	23.9	35.0		Tan Sand, soft, watery																													
6ST-	58.4	0.0-	CL	0	30	70		31			15	109																					11
105		16.5		Tan to Gray Sandy Clay, hard																													
		16.5-	CL	0	34	66		30			15	116																					10
		25.5		Tan to Light Gray Sandy Clay, hard																													
		25.5-	SM	0	81	19					28	106																					2
	23.4	35.0		Light Gray Silty Sand, soft, watery																													
6ST-	56.3	0.0-	CL	0	22	78		45			21	99																					17
106		4.0		Brown Sandy Clay, hard																													
		4.0-	CH	0	10	90		55			22	104																					21
		11.5		Light Gray to Rust Clay, hard, calcareous concretions																													
		11.5-	CL	0	32	68		35			17	113																					10
		25.0		Brown to Light Gray Sandy Clay, hard, calcareous																													
		25.0-	SP	0	96	4					31																						0
		28.3		Tan Sand, soft, watery																													
		28.3-	SM	0	59	41					24																						3
	20.3	36.0		Light Gray Silty Sand, soft, watery																													
6ST-	57.6	0.0-	CL	0	0	100		46			20	104																					16
107		2.0		Brown Clay, hard, with roots																													
		2.0-	CL	0	24	76		31			14	113																					10
		21.0		Tan to Light Gray Sandy Clay, hard																													
		21.0-	SM	0	63	37					18	110																					4
		24.5		Tan to Light Gray Silty Sand, firm																													
		24.5-	SM	0	77	23					27																						1
		30.0		Light Gray Silty Sand, soft, watery																													
		30.0-	SP	0	94	6					28																						0
	22.6	35.0		Light Gray Sand, soft, watery																													
6ST-	60.3	0.0-	CL	0	22	78		28			10	113																					9
108		2.0		Brown Sandy Clay, hard, with Roots																													
		2.0-	CL	0	14	86		44			19	108																					17
		13.0		Gray to Rust Clay, hard, calcareous, some roots																													

* 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

TEST DATA SUMMARY

FEATURE Log of Soil Borings

TABLE 1

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	★	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
6ST-103	57-2733	0.0	0	19	81	3.1	54.0		16.0	22.1	99.7	Br, Cl(CH), Hd, Odor, w/Roots.
	2734	1.0	0	24	76	4.5+	43.2		14.5	17.6	107.6	G, SaCl(CL) Hd, Calc, Conc.
	2735	3.0				4.5+				11.0	126.8	G, SaCl(CL) Hd, Calc. Conc.
	2736	5.0				4.5+				13.2	118.5	T-G-L, SaCl(CL) Hd, Calc, w/s; Pks.
	2737	7.0	0	21	79	4.5+	39.9		14.5	13.9	115.6	T-G-L, SaCl(CL) Hd, Calc, w/s; Pks.
	2738	9.0				4.5+				13.0	111.7	T-G-L, SaCl(CL) Hd, Calc, w/s; Pks.
	2739 & 2740	10.5	0	0-0-55 55	45	1.5			5.0	13.2	111.5	T-L, ClSa(SC) Firm.
	2741	12.5	0	0-0-88 88	12	0.2			0.0	20.7	105.4	L, SiSa(SM), So, Wa.
	2742	14.0	0	0-0-82 82	18	0.3			0.0	15.4	102.3	L, SiSa(SM), So, Wa.
	2743	16.0	0	0-0-97 97	3	—			0.0	31.3	—	L, Sa(SP) So, Wa.
	2744	18.0				2.6				14.7	116.2	T-L, SaCl(CL) Hd, w/Sa Seams.
	2745	20.0	0	30	70	4.5+	33.7		9.0	14.1	115.4	T-L, SaCl(CL) Hd, w/Sa Seams.
	2746	21.5	0	28	72	4.5	33.0		8.0	15.2	116.1	Pu-L, SaCl(CL) Hd, Calc. Conc.
	2747	23.0	0	41	59	3.0			2.5	18.3	109.3	T-L, SaSi(ML) F.
	2748	24.5	0	0-0-100 100	0	—			0.0	23.2	—	T, Sa(SP) So, Wa.
	2749	30.0	0	0-0-90 90	10	—			0.0	27.3	—	T, Sa(SP) So, Wa.
	2750	34.5	0	0-0-97 97	3	—			0.0	28.2	—	T, Sa(SP), So, Wa.
	2751	38.5				4.5+				16.6	106.2	T, Sa(SP) Hd, Cemented.
		41.0										
			BOTTOMED AT 41.0' IN T, Sa(SP) Hd, Cemented.									
			WATER LEVEL AT 16.0'									
			WATER TABLE AT 38.5' ON HARD SAND CAP.									
6ST-104	57-2752	0.0	0	19	81	3.2	48.6		15.0	22.8	101.2	B, Cl(CL), St-Hd, w/Roots.
	2753	2.0	13	24	63	3.0	49.5		14.0	19.1	107.3	G, SaCl(CL), St-Hd, w/s; Pks.
	2754	3.5				2.6				17.1	110.2	G, SaCl(CL), St-Hd, w/s; Pks.
		5.0										

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★-Laboratory Penetrometer Readings.

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CHANNEL RECTIFICATION

BRAYS BAYOU

TEST DATA SUMMARY

FEATURE Log of Soil Borings

TABLE 1

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	*	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
6ST-104 Cont'd	57-2755	5.0				4.5+				12.4	114.9	T-L, SaCl(CL) Hd, Calc, Conc.
		7.0										
	2756		0	21	79	4.5+	43.2		15.0	15.8	114.3	T-L, SaCl(CL) Hd, Calc, Conc.
		9.0										
	2757		0	27	73	2.5	33.3		11.0	17.4	110.1	T-L, SaCl(CL) St-Hd, Calc. Seams.
		11.0										
	2758		0	30	70	2.0	23.5		6.5	18.0	108.5	T-L, SaCl(CL) F, W/S Pks.
		13.5										
	2759		0	26	74	2.8	41.1		12.5	14.6	116.8	T-L, SaCl(CL) F, W/S Pks.
		16.0										
	2760		0	37	63	4.4	28.6		10.5	12.2	115.8	T-L, SaCl(CL) Hd, Calc. Conc.
		17.5										
	2761					4.2				12.6	119.4	T-L, SaCl(CL) Hd, Calc. Conc.
		19.0										
	2762		0	47	53	4.5	33.5		12.0	13.4	113.7	T-L, SaCl(CL) Hd, Calc, W/S; Pks.
		20.5		0-0-75								
	2763		0	75*	25	4.5+			5.0	16.2	112.9	T-L, ClSa(SC) F.
		22.5		0-0-91								
	2764		0	91*	9	—			0.0	25.8	—	T, Sa(SP-SM) So, We.
		27.0		0-0-96								
	2765		0	96*	4	—			0.0	25.0	—	T, Sa(SP) So, We.
		32.0		0-0-87								
	2766		0	87*	13	—			0.0	28.0	—	T, SiSa(SM) So, We.
		35.0										
		BOTTOMED AT 35.0' IN T, SiSa(SM) So, We. NOTE: UNABLE TO PICKUP UNDISTURBED SAMPLES OF WATER Sand AT 22.5' to 35.0. WATER LEVEL AT 14.0'										
6ST-105	57-2625	0.0	0	40	60	4.5+	26.2		9.5	13.1	117.9	Br, SaCl(CL) Hd, W/Sa Pks.
		3.0										
	2626		0	33	67	4.5+				7.6	109.0	G, SaCl(CL) Hd., Oily
		5.0										
	2627					3.2				13.4	105.2	L-G, SaCl(CL) Hd, Fe, W/Sa Seams.
		7.5										
	2628		0	29	71	4.4	33.1		12.0	14.0	115.0	L-G, SaCl(CL) Hd, Fe, W/Sa Seams.
		10.0										
	2629		0	22	78	2.7	37.7		14.5	18.9	106.6	T-L, SaCl(CL) Hd, Calc, W/Sa Pks.
		12.5										
	2630		0	31	69	0.4	28.7		9.0	19.8	104.8	T-L, SaCl(CL) Pl, W/Sa Seams.
		14.5										
	2631		0	26	74	0.5	27.0		9.5	20.2	102.1	L, SaCl(CL) Pl.
		16.5										
	2632		0	26	74	1.2	29.3		10.0	16.3	114.4	L-T, SaCl(CL) St-Hd, W/S; Pks.
		18.0										

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*-Laboratory Penetrometer Readings.

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