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-		16.5-	SP	0	97	3					25																						0
95		37.5		Tan to Light Gray Sand, soft, wet																													
(Con'd)		37.5-	CL	0	4	96		25			22	103																					4
		39.0		Light Gray to Rust Clay, soft, calcareous nodules																													
		39.0-	CL	0	6	94		46			22	106																					19
	18.0	40.5		Light Gray to Rust Clay, hard, calcareous																													
6ST-	56.8	0.0-	CL	0	21	79		40			16	112																					17
98		11.0		Brown to Gray Sandy Clay, hard, calcareous concretions																													
		11.0-	SM	0	68	32					14	110																					3
		17.5		Tan Silty Sand, firm																													
		17.5-	CL	0	17	83		39			14	118																					13
		21.5		Light Gray to Tan Clay, hard, calcareous																													
		21.5-	CL	1	30	69		29			18	111																					7
		25.0		Light Gray Sandy Clay, hard																													
		25.0-	SM	0	78	22					36																						0
	21.8	35.0		White Silty Sand, soft, watery																													
6ST-	60.0	0.0-	SM	0	87	13					19	102																					0
99		3.0		Light Gray Silty Sand, firm																													
		3.0-	CH	0	23	77		51			18	109																					18
		5.0		Brown Sandy Clay, hard, calcareous																													
		5.0-	CL	0	35	65		37			15	113																					13
		10.5		Tan to Gray Sandy Clay, hard, calcareous																													
		10.5-	SC	0	60	40					11	109																					8
		12.5		Tan to Light Gray Clayey Sand, hard																													
		12.5-	CL	0	33	67					9	109																					7
		14.5		Tan to Light Gray Sandy Clay, hard, silty																													
		14.5-	SM	0	74	26					11	100																					2
		16.5		Light Gray Silty Sand, firm with roots																													
		16.5-	SM	0	85	15					31																						0
		18.5		White Silty Sand, soft, watery																													
		18.5-	CL	0	27	73		35			16	116																					11
		22.0		Tan to Light Gray Sandy Clay, hard, calcareous concretions																													
		22.0-	SC	0	54	46					15	116																					6
		23.5		Tan to Light Gray Clayey Sand, firm, calcareous concretions																													
		23.5-	SP	0	94	6					33																						0
		27.0		Gray Sand, soft, watery																													
		27.0-	SM	0	88	12					35																						0
	25.0	35.0		Gray Silty Sand, Soft, watery																													
6ST-	57.0	0.0-	CL	0	31	69		35			13	114																					10
100		12.0		Light Gray Sandy Clay, hard																													
		12.0-	SM	0	64	36					18	110																					1
		14.5		Tan to Light Gray Silty Sand, firm, damp																													
		14.5-	SP	0	98	2					35																						0
		17.0		Gray Sand, soft, watery																													
		17.0-	CL	0	39	61		34			15	118																					8
		20.0		Light Gray to Tan Sandy 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

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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
65T-98	57 2656	0.0	0	21	79	4.5+	35.1		13.0	16.7	110.8	D-B, SaCl(CL), Hd
	2657	2.0				4.5+				18.3	111.2	D-B, SaCl(CL), Hd
	2658	4.0	0	18	82	4.5+	48.6		19.5	19.1	108.0	D, Cl(CL), Hd, Cal.
	2659	6.0	0	23	77	4.5+	42.5		19.0	17.5	108.4	T-Wh-L, SaCl(CL) Hd, Cal. Conc.
	2660	7.0				4.5+				16.3	113.9	T-Wh-L, SaCl(CL) Hd, Cal. Conc
	2661	9.0	0	22	78	4.5+	34.7		15.0	14.4	116.7	T-L, SaCl(CL) Hd, Fe w/Sa. Seams
	2662	10.0				4.5+				13.1	117.1	T-L SaCl(CL) Hd, Fe w/Sa Seams
	2663	11.0	0	0-1-65 66	34	0.6			3.0	13.0	109.6	T-L, SiSa (SM), Pl. Firm
	2664	13.0	0	0-0-71 71	29	—			4.0	15.0	—	T, SiSa (SM), Pl
	2665	17.5				4.5+				13.4	120.5	L-T, Cl(CL), Hd, Cal.
	2666	19.0	0	18	82	4.5+	37.3		13.5	14.8	118.0	L-T, Cl(CL), Hd Cal.
	2667	20.0	0	16	83	4.5+	40.1		12.0	16.4	115.2	T-L, layered, Cl(CL), Hd, Cal.
	2668	21.5	1	26	73	4.5+	27.1		8.0	16.8	111.3	T-L, layered, Cl(CL), Hd.
	2669	23.5	0	34	64	4.25	30.3		5.0	19.1	109.9	L, SaCl(CL), Firm, Cal.
	2670	25.0	0	0-0-81 81	19	—			0.0	30.2	—	wh, SiSa (SM) So, Wa.
	2671	30.0	0	0-0-75 75	25	—			0.0	41.6	—	wh Si Sa (SM) So, Wa
		35.0										
			BOTTOMED AT 35.0' in Wh, SiSa (SM), So, Wa									
			Water Encountered at 18.0'									
			Water Level @ 14.0' Caved in @ 14.0'									
65T-99	57- 2672	0.0	0	0-0-87 87	13	0.5			0.0	18.5	101.9	L, SiSa (SM), Firm, w/Roots
	2673	3.0	0	23	77	4.5+	51.0		18.0	18.1	108.9	B, SaCl(CH), Hd, Cal.
	2674	5.0	0	29	71	4.5+	40.3		14.0	15.9	116.7	T-G, SaCl(CL) Hd, Fe, Cal.
	2675	7.0	0	42	58	4.5+	33.6		11.0	15.1	112.6	T-O-L, SaCl(CL) Hd, Fe. Cal
		9.0								15.3	110.1	

* - 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 L.L.	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
6ST-99 Con't'd	57-2676	9.0				4.0				15.3	110.1	T-D-L, SaCl(CL), Hd, Fa.
		10.5		0-0-60								
	2677		0	60	40	4.5+			8.0	11.2	109.1	T-L, ClSa(SC) Hd, Lay. w/silt's.
		12.5										
	2678		0	33	67	4.5+			7.0	9.2	109.1	Lay. T, L&D, SaCl(CL) Hd. Oily
		14.5		0-0-74								
	2679		0	74	26	1.5			1.5	11.1	99.6	L, SiSa(SM) F, w/Roots.
		16.5		0-0-85								
	2680		0	85	15	—			0.0	30.7	—	wh, SiSa(SM), So, Wa
		18.5										
	2681		0	27	73	4.1	35.3		11.0	16.0	114.7	T-L, SaCl(CL), Hd, Calc. Conc.
		20.5										
	2682					4.2				15.1	116.7	T-L, SaCl(CL), Hd, Calc. Conc.
		22.0		0-0-54								
	2683		0	54	46	4.5+			6.0	15.4	115.8	T-L, ClSa(SC), F, Calc. Conc.
		23.5		0-0-94								
	2684		0	94	6	—			0.0	32.8	—	G, Sa(SP) So, Wa
		27.0		0-0-87								
	2685		0	87	13	—			0.0	35.8	—	G, SiSa(SM) So, Wa.
		32.0		0-0-89								
	2686		0	89	11	—			0.0	33.6	—	G, Sa(SP-SM) So, Wa.
		35.0										
			BOTTOMED AT 35.0' IN G, Sa. (SP-SM) So. Wa.									
			NOTE: WATER SAND AT 15.0 TO 18.5', Caved in @ 15.0'									
6ST-100	57-2687	0.0	0	37	63	4.0	39.6		12.0	16.8	104.5	L-D, SaCl(CL) Hd, Calc.
		2.0										
	2688		0	23	77	4.5+	37.8		11.0	13.0	120.0	T-L, SaCl(CL) Hd, Lay, Calc.
		4.0										
	2689		0	29	71	4.3	32.1		9.5	12.1	113.4	L, SaCl(CL) Hd, w/Roots.
		6.0										
	2690					4.5+			4.00	12.7	117.7	L, SaCl(CL) Hd, w/Roots.
		8.0										
	2691		0	34	66	4.0	30.3		7.5	14.0	112.5	L-G, SaCl(CL), Hd, Lay, Fa.
		10.0										
	2692					4.0				10.9	115.2	L-G, SaCl(CL), Hd, Lay, Fa.
		12.0		0-0-64								
	2693		0	64	36	1.25			1.0	17.8	110.2	T-L, SiSa(SM) F, Damp.
		14.5		0-0-98								
	2694		0	98	2	—			0.0	35.1	—	G, Sa(SP) So, Wa.
		17.0										
	2695		0	39	61	4.25	33.9		8.0	14.6	118.7	L-T, SaCl(CL) Hd, Calc.
		18.5										
	2696					4.5+				14.9	117.1	L-T, SaCl(CL) Hd, Calc.
		20.0										

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*-Laboratory Penetrometer Readings.

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