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
65T-		41.5-	CL	0	4	96		46			21	107																					16
162		50.0		Light Gray to Rust Clay, hard																													
(Con'd)		50.0-	ML	1	24	75					20	105																					1
		51.5		Light Gray to Rust Sandy Silt, firm																													
		51.5-	SC																														
		53.0		Rust Clayey Sand, soft, watery (Driller's Classification)																													
		53.0-	CH	0	3	97		58			21	107																					20
		60.0		Rust Clay, hard																													
BA-	67.8	0.0-	CL	0	36	64		30			10																						10
135		3.0		Tan to Gray Sandy Clay, hard, with roots																													
		3.0-	CH	2	17	81		52			20																						21
		11.0		Tan to Black Clay, stiff to hard, calcareous																													
		11.0-	CL	0	31	69		36			16																						15
		21.5		Brown to Light Gray Sandy Clay, stiff, calcareous, with roots																													
		21.5-	CH	0	14	86		49			19																						20
		27.0		Tan to Light Gray Clay, stiff, calcareous																													
		27.0-	CL	0	20	80		28			19																						8
	32.8	35.0		Light Gray to Rust Sandy Clay, plastic to stiff																													
BA-	68.0	0.0-	CL	2	28	70		24			8																						6
136		10.0		Brown to Gray Sandy Clay, hard, crumbly, with roots																													
		10.0-	CH	2	17	81		50			20																						21
		14.5		Tan to Gray Clay, plastic to stiff, calcareous																													
		14.5-	CL	3	23	74		36			11																						13
		22.0		Light Gray to Olive Sandy Clay, hard, crumbly, calcareous																													
		22.0-	CH	0	14	86		53			22																						21
		26.5		Tan to Light Gray Clay, hard, calcareous																													
		26.5-	CL	0	38	62		29			21																						9
		31.0		Tan to Light Gray Sandy Clay, plastic to firm																													
		31.0-	ML	2	49	49					30																						0
	33.0	35.0		Tan to Light Gray Sandy Silt, soft, watery																													
65T-	71.1	0.0-	CL	0	15	85		43			27	96																					17
137		6.0		Black to Gray Clay, plastic to stiff, with roots																													
		6.0-	CL	0	25	75		34			16	115																					11
		18.0		Tan to Light Gray Sandy Clay, stiff to hard, calcareous																													
		18.0-	SM	0	53	47					15	112																					
		20.0		Tan to Light Gray Silty Sand, firm																													
		20.0-	CL	0	12	88		40			15	118																					15
		24.0		Tan to Light Gray Clay, hard																													
		24.0-	CH	0	7	93		52			22	104																					19
		27.5		Tan to Light Gray Clay, hard																													
		27.5-	CL	0	11	89		45			21	106																					16
		29.5		Tan to Light Gray Clay, hard																													
		29.5-	CL	0	18	82		27			21	108																					7
		35.0		Rust to Light Gray Clay, plastic to stiff to soft																													

* 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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BRAYS BAYOU

CHANNEL RECTIFICATION

TEST DATA SUMMARY

FEATURE LOG OF SOIL BORINGS

TABLE 1

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	D_{10}	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
8A-	57-	0.0										
135	3478		0	36	64	—	29.7		10.0	9.5	—	T-G, SaCl(CL), Hd, Crumb, w/Rts. 10
		3.0										
	3479		0	14	86	—	54.3		21.5	21.2	—	B, Cl(CH), St-Hd. 20
		5.5										
	3480		4	19	77	—	50.3		21.0	18.8	—	T-L, SaCl(CH), Hd, Calc, Fa.
		11.0										
	3481		0	28	72	—	42.2		17.0	17.6	—	Br-L, SaCl(CL), St-Hd, Calc., w/Rts.
		16.0										
	3482		0	34	66	—	30.9		12.0	14.5	—	L-Ol, SaCl(CL), St, Calc. 14
		21.5										
	3483		0	14	86	—	49.4		20.0	18.7	—	T-L, Cl(CH), St, Calc. 19
		27.0										
	3484					—				16.7	—	L-Ol, SaCl(CL), St, Calc.
		29.0										
	3485		0	27	73	—	25.0		5.0	20.6	—	LtBr-L, SaCl(CL), Pl-F. 19
		31.5										
	3486		0	12	88	—	31.1		11.0	21.1	—	L-Ru, Cl(CL), Pl.
		35.0										
		Bottomed @ 35.0' in L-Ru, Cl(CL), Pl. Water encountered @ 27.6'										
8A-	57-	0.0										
136	3487		0	32	68	—	23.9		4.0	8.3	—	Br, SaCl(CL-ML), Hd, Lo, w/Rts.
		4.5										
	3488		3	24	73	—	24.8		7.5	8.7	—	G, SaCl(CL), Crumb, w/Rts.
		10.0										
	3489		2	17	81	—	50.3		21.0	19.7	—	T-G, Cl(CH), Pl-St, Calc, Fa.
		14.5										
	3490		3	23	74	—	35.6		13.0	11.0	—	L-Ol, SaCl(CL), Hd, Crumb, Calc.
		22.0										
	3491		0	14	86	—	53.1		21.0	22.2	—	T-L, Cl(CH), Hd, St, Calc.
		26.5										
	3492		0	38	62	—	28.5		8.5	20.8	—	LtBr-L, SaCl(CL), Pl-F.
		31.0										
	3493		2	49	49	—	—		0.0	29.9	—	T-L, SaSi(ML), So, Wa.
		35.0										
		Bottomed @ 35.0' in T-L, SaSi(ML), So, Wa. Water encountered @ 27.0'										

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* - Laboratory Penetrometer Readings.