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-	61.2	0.0-	CL	0	30	70		37			17	106																					11
115		7.0		Brown to Gray Sandy Clay, stiff to hard, with roots																													
		7.0-	CH	0	21	79		51			18	105																					20
		9.0		Gray Sandy Clay, hard, calcareous																													
		9.0-	CL	0	21	79		41			15	114																					14
		17.0		Brown to Light Gray Sandy Clay, hard, calcareous concretions																													
		17.0-	CH	0	9	91		62			24	98																					20
		21.0		Rust to Light Gray Clay, hard, calcareous pockets																													
		21.0-	CL	0	15	85		40			18	107																					13
		30.0		Brown to Light Gray Clay, stiff to hard, calcareous nodules																													
		30.0-	CL	0	26	74		29			22	103																					7
		33.5		Rust to Light Gray Sandy Clay, firm, calcareous																													
		33.5-	CL	0	3	97		40			19	105																					14
	25.7	35.5		Rust Clay, hard, calcareous, crumbly																													
6ST-	63.2	0.0-	CL	0	16	84		42			23	101																					15
116		2.0		Black Clay, hard, with roots																													
		2.0-	CH	0	22	78		53			24	100																					18
		4.0		Gray Sandy Clay, hard, calcareous nodules																													
		4.0-	CL	0	27	73		39			13	109																					14
		16.0		Tan to Light Gray Sandy Clay, hard, calcareous concretions																													
		16.0-	CH	0	3	97		65			22	95																					23
		24.0		Light Gray to Rust Clay, hard, hackley																													
		24.0-	CL	0	23	77		34			18	110																					10
	28.2	35.0		Tan to Light Gray Sandy Clay, stiff to hard																													
6ST-	62.7	0.0-	CL	0	32	68		31			13	112																					9
117		12.0		Tan to Gray Sandy Clay, hard																													
		12.0-	SM	0	55	45					5	109																					
		14.0		Light Gray Silty Sand, hard																													
		14.0-	SM	0	80	20					28																						0
		25.0		Light Gray Silty Sand, soft, watery																													
		25.0-	SP	0	96	4					34																						0
		30.0		Brown Sand, soft, watery																													
		30.0-	CL	0	22	78		35			17	114																					11
	26.7	36.0		Brown to Light Gray Sandy Clay, stiff to hard, calcareous nodules																													
6ST-	64.1	0.0-	CL	0	28	72		36			18	110																					11
118		16.0		Tan to Light Gray Sandy Clay, stiff to hard, iron concretions																													
		16.0-	CL	0	47	53					19	109																					4
		17.5		Light Gray Sandy Clay, firm																													
		17.5-	SM	0	69	31					20	107																					0
		27.0		Light Gray Silty Sand, soft																													
		27.0-	CL	0	9	91		42			20	107																					15
	24.1	40.0		Rust to Light Gray Clay, hard, calcareous nodules																													
6ST-	62.8	0.0-	ML	0	32	78					11	84																					3
118A		2.0		Light Gray Sandy Silt, crumbly, with 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-	57-	20.5	0	26			30.1		9	17.1	112.7	
114	3291					3.25				17.3	111.3	L, SaCl(CL) St-Hd, Calc, Marl.
Cont'd		22.0								21.7	55.89	
	3292					3.4				15.8	114.8	L, SaCl(CL) St-Hd, Calc, Marl.
		23.5										
	3293		0	17	83	3.25	40.3		15.0	16.8	112.9	Br-L, Sl(CL) Hd, Calc.
		25.0										
	3294					3.4				20.7	107.2	Br-L, Cl(CL) Hd, Calc.
		26.5										
	3295		0	28	72	2.9			1.5	18.5	108.5	Bu-L, Sa Si(ML) F, Calc.
		28.0		3-3-51								
	3296		0	57	43	1.5			0.0	19.8	106.8	L, Si Sa(SM) So, Slumped.
		30.0		0-0-97								
	3297		0	97	3	—			0.0	34.4	—	Br, Sa(SP) So, Wa.
		44.0										
		BOTTOMED AT 44.0' IN Br, Sa(SP) So, Wa. Water level @ 22.5'										
6ST-	57-	0.0										
115	3298		0	27	73	4.5	43.0		13.0	15.6	106.4	Mott, L, Ru & D, SaCl(CL) St-Hd, Calc, Odor.
		3.0		41			111.3			51.4	31.67	
	3299		0	36	64	4.5+	26.3		6.0	14.2	111.7	G, SaCl(CL) F, w/ Roots.
		5.0										
	3300		0	28	72	1.8	42.0		13.0	21.6	98.6	B, SaCl(CL) St-Hd, w/ Sa Lens.
		7.0										
	3301		0	21	79	4.5+	50.7		20.0	18.4	105.1	G, SaCl(CH) Hd, Calc, Fe,
		9.0										
	3302		0	20	80	4.5+	43.5		15.5	16.0	114.3	L-G, Cl(CL) Hd, Fe, Calc. Conc.
		11.0								19.37	57.15	
	3303		0	23	77	4.5+	39.3		14.0	14.5	118.0	B-T-L, SaCl(CL) Hd, Calc. Conc.
		12.5										
	3304					4.1	123.8			15.1	110.8	B-T-L, SaCl(CL) Hd, Calc. Conc.
		13.5										
	3305					3.7				13.7	115.4	B-T-L, SaCl(CL) Hd, Calc. Conc.
		15.0										
	3306		0	21	79	4.2	41.0		13.0	14.4	113.0	Strat, B-T-L, SaCl(CL) Hd, Calc. Conc.
		17.0										
	3307		0	9	91	3.7	62.0		19.5	25.3	100.0	Ru-L, Cl(CH) Hd, Calc. Marl Pks.
		19.0								47.5	68	
	3308					4.0				22.2	196.2	Ru-L, Cl(CH) Hd, Calc. Marl Pks.
		21.0										
	3309		0	16	84	3.7	42.9		14.0	20.7	102.9	Ru-L, Cl(CL) St-Hd, Lrostnd Conc.
		23.0										
	3310		0	10	90	3.6	42.4		14.0	18.0	112.4	L, Cl(CL) St-Hd, Calc. Nods.
		25.0										

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*-Laboratory Penetrometer Readings.

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-	57-	25.0	0	26			85.3		28.0	38.7	215.3	①
115	3311					4.5	114.7			19.2	110.7	L, Cl(CL) St-Hd, Calc. Nods.
Cont'd		27.0							34	908	5374	
	3312		0	19	81	4.5+	34.4		11.0	17.0	102.5	L+Br, Cl(CL) St-Hd, Calc. Nods.
		28.5										
	3313					4.3				15.9	108.9	L+Br, Cl(CL) St-Hd, Calc. Nods.
		30.0										
	3314		0	21	79	2.0	31.0		8.5	21.4	105.9	Ru-L, SaCl(CL) F, Calc. Nods.
		31.5										
	3315		0	31	69	1.0	27.3		5.0	22.7	100.9	Ru-L, SaCl(CL), F, Calc. Nods.
		33.5										
	3316		0	3	97	2.5	40.2		14.0	19.4	104.9	Ru, Cl(CL), Hd, Calc, Crumb.
		35.5										
		BOTTOMED AT 35.5' IN Ru, Cl(CL), Hd, Calc, Crumbly.										
		Water level @ 19.7'										
6ST-	57-	0.0										
116	3317		0	16	84	4.1	42.2		15.0	23.0	100.5	B, Cl(CL) Hd, w/ PTS.
		2.0										
	3318		0	22	78	4.5+	53.1		18.0	23.6	100.3	G, SaCl(CH) Hd, Calc. Nods.
		4.0										
	3319			106		4.5+	184.1			15.2	113.3	G, SaCl(CH) Hd, Calc. Nods.
		6.0										
	3320		0	26	74	4.5+	37.1		14.0	14.6	112.0	T-L, SaCl(CL) Hd, Fe, Calc. Conc.
		8.0								1800	4350	
	3321		0	34	66	4.0	34.6		12.0	11.8	109	T-L, SaCl(CL) Hd, Crumbly.
		10.0										
	3322		0	26	74	4.1	37.8		14.0	12.0	105.0	T-L, SaCl(CL) Hd, Calc. Conc.
		12.0										
	3323					4.5+				12.2	102.8	T-L, SaCl(CL) Hd, Calc. Conc.
		14.0										
	3324		0	20	80	4.5+	44.6		16.0	14.2	115.2	L+Br-L, Cl(CL) Hd, Calc. Conc.
		16.0										
	3325		0	10	90	4.5+	56.2		22.0	19.9	101.3	Ru-L, Cl(CH) Hd, Fe, Calc. Conc.
		18.0								881	3789	
	3326		0	0	100	2.5	84.6		27.0	29.6	82.9	L-Ru, Cl(CH) Hd, Hackly.
		20.0										
	3327					3.0	195.4			24.2	95.0	L-Ru, Cl(CH) Hd, Hackly.
		22.0										
	3328		0	0	100	4.2	54.6		21.0	14.4	99.7	L-Ru, Cl(CH) Hd, Sl, Calc.
		24.0										
	3329		0	20	80	4.4	37.1		12.0	16.4	110.8	T-L, Cl(CL) Hd.
		26.0										
	3330					4.3				17.8	111.0	T-L, Cl(CL) Hd.
		28.0										

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*-Laboratory Penetrometer Readings.

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