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-	64.7	0.0-	CL	0	21	79		45			18	106																					16
122		10.5		Brown to Gray Sandy Clay, hard, calcareous																													
		10.5-	CL	0	28	72		32			16	109																					8
		19.5		Tan to Light Gray Sandy Clay, hard, calcareous																													
		19.5-	CL	0	23	77		46			23	102																					16
		24.5		Tan to Light Gray Sandy Clay, firm, crumbly																													
		24.5-	SM	0	99	1					26																						0
		32.5		Light Gray Sand, soft, watery																													
		32.5-	CL	0	10	90		42			17	113																					16
	24.7	40.0		Tan to Light Gray Clay, hard, calcareous																													
6ST-		0.0-	CH	0	21	79		52			28	98																					16
123		2.0		Brown Sandy Clay, stiff to hard, with roots																													
		2.0-	CL	2	44	54		32			13	114																					10
		6.0		Tan to Light Gray Sandy Clay, hard, calcareous concretions																													
		6.0-	CL	0	21	79		41			16	109																					14
		16.0		Tan to Light Gray Sandy Clay, stiff to hard																													
		16.0-	ML	0	47	53					19	105																					2
		19.0		Light Gray Sandy Silt, firm																													
		19.0-	SM	0	83	17					27																						0
		23.0		Light Gray Silty Sand, soft, watery																													
		23.0-	CH	0	6	94		52			24	103																					20
		29.5		Tan to Light Gray Clay, hard																													
		29.5-	CL	0	11	89		43			18	110																					16
		31.0		Light Gray to Rust Clay, hard, calcareous																													
		31.0-	CL	0	32	68		29			21	98																					9
		32.5		Light Gray to Rust Sandy Clay, plastic																													
		32.5-	CL	0	8	92		45			20	108																					18
		40.0		Tan to Light Gray Clay, hard, calcareous																													
8A-		0.0-	CL	1	19	80		39			19																						16
124		13.5		Brown to Gray Clay, hard, calcareous																													
		13.5-	CL	1	39	60		30			14																						9
		18.0		Tan to Light Gray Sandy Clay, hard, calcareous																													
		18.0-	SM	0	82	18					29																						0
		21.0		Tan Silty Sand, soft, wet																													
		21.0-	SP	0	95	5					30																						0
		29.5		Tan Sand, soft, watery																													
		29.5-	CL	0	8	92		45			18	114																					17
		40.0		Rust to Light Gray Clay, hard, calcareous																													
6ST-		0.0-	CL	0	14	86		44			17	108																					16
125		13.5		Tan to Light Gray Clay, hard to stiff, calcareous																													
		13.5-	CL	0	27	73		31			17	110																					8
		25.0		Tan to Light Gray Sandy Clay, stiff, calcareous																													
		25.0-	ML	0	41	59					28																						1
		29.0		Light Gray to Rust Sandy Silt, soft, watery																													

* Values at Pressure T/SQ FT

- Triaxial Compression
UC - Unconfined Compression

DS - Direct Shear
UU - Unconsolidated Undrained

- Consolidated Drained
CU - Consolidated Undrained

Brays Bayou

Channel Rectification

TEST DATA SUMMARY

Sheet 5 of 19

FEATURE Log of Soil Borings

TABLE 1

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	Qu*	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
65T-	57	0.0		117			2116		810	874	5318	
121	3430		0	17	83	4.5+	43.4		16.0	16.0	106.2	B, Cl(CL), Hd, w/Roots
		2.0										
	3431		0	21	79	4.5	41.7		15.5	16.4	105.8	D, SaCl(CL), Hd, Cal. Fe
		4.0	0	23	77		42		16	17	106	
	3432		0	22	78	4.5	45.6		18.0	18.1	109.5	G, SaCl(CL), Hd, Calc.
		6.0										
	3433		0	40	60	4.5	34.0		12.0	15.2	106.9	G, SaCl(CL), Hd, Calc. Fe
		8.0										
	3434		0	17	83	4.0	46.9		19.5	21.7	103.4	L-Ru, Cl(CL), Hd, Calc
		10.0										
	3435		0	29	71	4.5+	33.0		12.0	14.7	112.4	T-G, SaCl(CL), Hd, Calc.
		12.0	0	34	66		32		10	14	111	
	3436		0			4.2				13.6	108.2	T-G, SaCl(CL), Hd, Calc
		13.5								413	3341	
	3437		0	39	61	4.5+	30.8		8.0	13.0	113.5	T&G lapped, SaCl(CL), Hd, Calc.
		15.0		0-1-78								
	3438		0	79	21	—	—		2.0	19.0	—	L, SiSa(SM), So
		20.0		0-0-99								
	3439		0	99	1	—	—		0.0	35.1	—	L, Sa(SP-SM), So, Wa
		32.0										
	3440		0	5	95	4.0	53.5		22.0	25.2	102.8	L-Ru, Cl(CH), Hd, SL, Calc.
		33.5										
	3441					4.5+				18.7	110.8	L-Ru, Cl(CH), Hd, SL, Calc.
		35.0										

Bottomed @ 35.0' in L-Ru, Cl(CH), Hd, SL-Calc.
Water level @ 19.5', Boring caving @ 22.0'

65T-	57-	0.0					62		94	17	5310	
122	3442		0	26	74	—	33.6		10.0	13.4	—	G, SaCl(CL), So, Damp
		2.0		126								
	3443		0	13	87	4.5+	48.8		19.0	21.7	96.0	B, Cl(CL), Hd, w/Roots
		4.0										
	3444		0	14	86	4.5+	48.3		19.0	19.9	104.5	B, Cl(CL), Hd, Calc
		6.0										
	3445		0	26	74	4.5+	39.8		14.0	15.9	111.1	G, SaCl(CL), Hd, Concs
		7.5										
	3446		0	31	69	4.5+	41.8		16.0	16.9	109.8	G, SaCl(CL), Hd, Concs.
		9.0										
	3447		0	16	84	4.0	42.0		16.0	17.5	109.6	T-L, Cl(CL), Hd, Calc
		10.5										
	3448					4.5+				15.0	110.2	T-L, Cl(CL), Hd, Calc.
		12.0										
	3449					4.5+				14.2	109.5	T-L, SaCl(CL), Hd, Calc.
		13.5										
	3450		0	26	74	4.5+	32.6		9.0	13.8	112.7	T-L, SaCl(CL), Hd, Calc
		15.0										

DLR-627

* - Laboratory Penetrometer Readings

SD FORM 23 AUG. 66 053-R

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%	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
6ST-122 (cont)	57-3451	15.0	0	26			32.6		9.0	13.0	33 v.4	③
			0	31	69	0.5	30.0		8.0	14.6	107.7	L, SaCl(CL), So, Hd, Roots
		16.5		111			127.6		34	93.9	65.3 0	
	3452		0	24	76	3.0	36.6		11.0	17.0	110.4	T-L, SaCl(CL), Hd, Crumb.
		18.0		28			32		8	16	109	
	3453		0	30	70	1.6	28.4		6.0	19.3	102.5	T-L, SaCl(CL), F, Crumb.
		19.5										
	3454					—				27.2	—	T-L, SaCl(CL), F, Crumb
		22.0								1.8.9		
	3455		0	23	77	3.0	45.9		16.0	21.2	102.3	L-Lt.Br, SaCl(CL), Hd, Cal.
		23.0								23		
	3456					—				20.5	—	T-L, SaCl(CL), F, Crumb
		24.5		0-0-99								
	3457		0	99	1	—	—		0.0	26.2	—	L, SiSa(SM), So, Wa
		32.5										
	3458		0	8	92	4.4	42.1		16.0	17.7	112.2	L-Br, Cl(CL), Hd, Calc.
		34.0									16.9	
	3459		0	11	89	4.5+	42.1		16.5	17.5	112.8	Lt Br & L, Cl(CL), Hd Calc
		35.5										
	3460			10		4.5+	42		16	16.8	113.3	Lt Br & L, Cl(CL), Hd. Calc
		37.0								17	113	
	3461		0	11	89	4.5+	41.8		16.5	16.7	112.7	Lt Br & L, Cl(CL), Hd. Calc.
		38.5										
	3462					4.5+				17.5	111.9	Lt Br & L, Cl(CL), Hd. Calc.
		40.0										
	Bottomed @ 40.0' in Lt. Br & L, Cl(CL), Hd. Calc.											
	Water level @ 21.0'.											
6ST-123	57-3791	0.0										
			0	21	79	2.6	52.2		15.5	27.5	97.8	D-Br, SaCl(CH), St-Hd, W/Roots
		2.0										
	3792		2	0-32-18 50	48	4.0	30.0		8.0	11.9	115.7	L, ClSa(SC), Hd, Calc. Conc
		4.0										
	3793		1	38	61	4.0	33.4		11.0	14.1	112.9	T-L, SaCl(CL), Hd, Calc. Conc.
		6.0										
	3794					3.5	13.0 21		13	16.0	110.9	T-L, SaCl(CL), Hd, Calc. Conc
		7.5		64						6.9.6.8	65.6.7	
	3795		0	25	75	4.5+	38.0		13.0	16.4	109.5	T-L, SaCl(CL), Hd, SL, Calc.
		9.5										
	3796		0	11	89	4.5+	49.6		19.0	21.2	105.1	Pu-L, Cl(CH), Hd, SL, Calc.
		11.0										
	3797					3.5				15.0	108.8	T-L, SaCl(CL), St-Hd.
		13.0										
	3798		0	28	72	3.0	35.4		11.0	15.9	109.7	T-L, SaCl(CL), St-Hd.
		14.5										
	3799					4.5+				12.3	112.7	T-L, SaCl(CL), St-Hd.
		16.0										

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* - Laboratory Penetrometer Readings

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