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

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										

DLR - 627

* - Laboratory Penetrometer Readings

ED FORM 25 AUG. 65 053-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 %	★	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
6ST-	57-	16.0										
123	3800		0	45	55	1.5	—		4.0	18.4	104.6	L, SaCl(CL-ML), F.
Cont'd		17.5										
	3801		0	48	52	0.7	—		1.0	19.9	105.0	L, SaSi(ML), F. 20
		19.0										
	3802		0	~~0-0-83~~ 83	17	—	—		0.0	27.0	—	L, Si Sa(SM), So, Wa. 27
		23.0										
	3803					4.0				21.5	106.0	L-LtBr, Cl(CH), Hd, SL, Fe.
		24.5								9.8	41.0	
	3804		0	6	94	4.0	51.7		19.5	23.1	104.2	L-LtBr, Cl(CH), Hd, SL, Fe.
		26.0								73		24
	3805					3.5				23.2	103.4	L-LtBr, Cl(CH), Hd, SL, Fe.
		28.0										
	3806					3.0				27.0	98.4	L-LtBr, Cl(CH), Hd, SL, Fe.
		29.5										
	3807		0	11	89	4.5	43.1		16.0	18.1	110.4	L-Ru, Cl(CL), Hd, Calc.
		31.0										
	3808		0	32	68	1.5	29.4		9.0	21.1	98.0	L-Ru, SaCl(CL), Pl.
		32.5										
	3809					4.5+				20.4	106.8	L-Ru, Cl(CL), Hd, Calc. 20
		34.0									5400	
	3810		0	8	92	4.2	44.1		17.5	20.4	110.1	L-LtBr, Cl(CL), Hd, Fe, Calc.
		35.0										
	3811		0	7	93	3.5	44.7		18.0	20.3	108.6	L-LtBr, Cl(CL), Hd, SL, Calc, Voids
		36.5										
	3812					4.25				19.2	109.1	L-LtBr, Cl(CL), Hd, SL, Calc.
		38.0										
	3813		0	8	92	2.5	45.9		18.0	21.7	105.4	L-LtBr, Cl(CL), Hd, SL, Calc.
		40.0										
		Bottomed at 40.0' in L-LtBr, Cl(CL), Hd, SL, Calc.										
		Note: 10-1-57										
		0900 - Hole bailed to 29.5'										
		0905 - Hole caved at 19.0'										
		No water present.										
8A-	57-	0.0					47.8			19 / 57.7		
124	3848		0	17	83	—	38.2		14.0	19.5	—	B, SaCl(CL), Pl-St, w/ Rts.
		2.5		58			39					
	3849		0	21	79	—	40.6		12.0	13.8	—	G, SaCl(CL), Hd, Fe, Calc.
		8.0										
	3850		3	20	77	—	39.0		17.0	24.4	—	L-LtBr, SaCl(CL), St, Calc. 13
		13.5										
	3851		1	38	61	—	27.2		9.0	12.2	—	T-L, SaCl(CL), Hd, Calc.
		16.5										
	3852		0	41	59	—	32.2		9.0	16.1	—	T-L, SaCl(CL), Hd.
		18.0					54.4 / 29			18.3		

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★-Laboratory Penetrometer Readings.

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