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-	28.0	0	20			37.1		12.0	30.2	221.8	
116	3331		0	32	68	4.0	29.4		6.5	16.6	114.2	T-L, SaCl(CL) St-Hd.
Cont'd		30.0										
	3332					4.0	101.6 / 33.9		30.5	18.2	105.8	T-L, SaCl(CL) St-Hd.
		31.5		3/68 / 23								
	3333					3.4				18.8	109.8	T-L, SaCl(CL) St-Hd.
		33.0										
	3334		0	16	84	3.1	35.1		12.0	18.2	108.3	LtBr-L, Cl(CL) St-Hd.
		35.0								L 106.0 / 18	L 65.99 / 109.8	
		BOTTOMED AT 35.0' IN LtBr-L, Cl(CL) St-Hd.										
		Water level @ 23.2'										
6ST-	57-	0.0										
117	3335		0	28	72	4.5+	29.7 / 15.9		9.0	12.2 / 7.9.6	119.7 / 67.0.3	Br, SaCl(CL) Hd, Calc. Nod & RTs.
		2.0										
	3336		0	34	66	4.5+	30.8		9.0	10.4	106.8	G-L, Lay, SaCl(CL) Hd, w/RTs.
		4.0		1/16.7 / 33								
	3337		0	33	67	4.5+	30.8		9.0	13.1	117.2	G-L, Lay, SaCl(CL) Hd, Calc. Nods.
		6.0										
	3338		0	32	68	4.5+	29.4		9.0	13.0	112.4	T-G, SaCl(CL) Hd, Fe.
		8.0										
	3339		0	35	65	2.5	34.2		10.0	17.0	107.4	T-G, SaCl(CL) Hd, w/Si; Pks.
		10.0										
	3340					3.0				13.9	106.8	T-G, SaCl(CL) Hd, w/Si; Pks.
		12.0		0-0-55 / 55%								
	3341		0		45	4.5+				4.8	109.1	L, Si Sa(SM) Hd. Oily
		14.0		0-0-83 / 83%								
	3342		0		17	—			0.0	28.1	—	L, Si Sa(SM) So, Wa.
		16.0		0-0-76 / 76%								
	3343		0		24	—			0.0	28.4	—	L, Si Sa(SM) So, Wa.
		25.0		0-0-96 / 96%								
	3344		0		4	—			0.0	33.6	—	Br, Sa(SP) So, Wa.
		30.0										
	3345		0	27	73	2.6	32.8 / 10.8.0		10.0	17.2	117.5 / 34.2.1	G-Gr, SaCl(CL) St-Hd.
		32.0										
	3346		0	20	80	4.5+	34.2		11.0	16.8	111.2	Br-L, Cl(CL) St-Hd, Calc. Nods.
		34.0										
	3347		0	20	80	4.5+	38.0		12.0	16.8	113.4	L, Cl(CL) St-Hd, Calc. Nods.
		36.0										
		BOTTOMED AT 36.0' IN L, Cl(CL) St-Hd, Calc. Nods.										
		NOTE: WATER SAND AT 12.0'; WATER LEVEL AT 10.8'										

DLR-627

*-Laboratory Penetrometer Readings.

GD FORM 23 AUG. 86 053-R

BRAYS BAYOU
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FEATURE LOG OF SOIL BORINGS

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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
BST-120	57-3411	0.0	0	20 (101)	80	4.5+	187.8 (Too Oily To Test)		16.5	85 ✓ (7.8)	53.70 110.6	G, Sa Cl(CL), Hd, Comb.
	3412	2.0	0	15	85	4.5	46.4		19.0	21.0	103.6	B, Cl(CL), Hd, w/ Roots
	3413	4.0	0 (0)	20 (20)	80 (80)		46		17	17	107	D, Cl(CL), Hd, Calc.
	3414	6.0	0	31	69	4.5+	40.9		14.5	16.3	110.4	L-D, Sa Cl(CL), Hd, Calc. Fe
	3415	8.0	0	16	84	4.1	47.2		18.0	21.7	103.9	T-D-L, Cl(CL), Hd, Sl. Calc. Fe
	3416	10.0	0	34	66	4.5+	29.1		8.5	15.9 (13.5)	108.9 (319.9)	T-L, Sa Cl(CL), Hd, w/ si pock.
	3417	12.0	0	39	61	4.3	27		7	30.1 (21)	100.3 (107)	T-L, Sa Cl(CL), Hd, w/ si pock
	3418	14.0	0	45	55	2.4	24.2		5.0	17.5	110.7	L, Sa Cl(CL), F, Calc.
	3419	16.0	0	0-0-60 60	40	0.7	—		2.0 ✓	21.0 (21)	105.0	T-L, Si Sa(SM), So. Ca/si pock.
	3420	17.5	0	0-0-60 60	40	—	—		2.0	20.4	—	T-L, Si Sa(SM), So
	3421	19.5	0	0-0-100 100	0	—	—		0.0	30.3	—	L, Sa (SP-SM), So, Wa
	3422	28.0	0	2	98	4.5+	60.6		21.0	25.6	100.1	L-Rw, Cl(CH), Hd, Sl, Calc
	3423	29.5	0	7 (4)	93	4.5+	48.8 (55)		18.5 (20)	22.2 (24)	105.1 (103)	L-Rw, Cl(CL), Hd. Sl.
	3424	31.0	0	9	91	4.5+	35.2		14.0	15.6	113.5	L-Rw, Cl(CL), Hd. Sl. Cal.
	3425	32.0	0	6	94	4.5+	(44.5) 43.0		(63.5) 16.5	(106.4) 19.6	(66.85) 109.4	L-Rw, Cl(CL), Hd, Calc.
	3426	33.5	0	9	91	4.5+	41.4		16.0	17.8	111.0	LtBr-L, Cl(CL), Hd, Sl, Calc.
	3427	35.0	0 (0)	8 (8)	92 (92)	4.5+	41		16	18	111	LtBr-L, Cl(CL), Hd, Sl. Calc.
	3428	36.5				4.5+				17.6	113.0	LtBr-L, Cl(CL), Hd, Sl. Calc.
	3429	38.0	0	7	93	4.5+	42.9		17.0	17.5	111.4	Lt-Lt.Br., Cl(CL), Hd, Sl, Calc
		39.5										

Bottomed @ 39.5' in L-LtBr, Cl(CL), Hd, Sl, Calc.

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★ - Laboratory Penetrometer Readings

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