CHANNEL RECTIFICATION
BRAYS BAYOU

SUMMARY OF IDENTIFICATION TESTS ON SAMPLES FOR SHEAR AND CONSOLIDATION TESTS
HOUSTON, TEXAS

TABLE 1

ADDENDUM NO. 16

BORING NO	SAMPLE DEPTH FT	DISTRICT SERIAL NO	DENSITY DATA M. C., %	DENSITY DATA U.D.W. lbs/cu.ft.	SPECIFIC GRAVITY	ATTERBERG LIMITS L.L.	ATTERBERG LIMITS P.L.	ATTERBERG LIMITS P.I.	BAR L.S.	SIEVE ANALYSIS Gr.	SIEVE ANALYSIS Sa.	SIEVE ANALYSIS Fines	CLASSIFICATION
6ST-143	4.0- 6.0	57-3576	28.5	93.3	2.75	61.3	19.9	41.4	22.0	0	14	86	Lt Ru-L, Cl(CH), Hd, SL
6ST- 98	23.5-25.0	57-2669	19.1	109.9	--	31.2	20.7	10.5	6.0	0	32	68	Lt, SaCl(CL), Hd
6ST-109	13.0-15.0	57-2646	13.4	113.7	--	32.6	12.0	20.6	10.5	0	20	80	T-L, Cl(CL), Hd
6ST-111	24.0-26.0	57-3060	18.6	111.5	--	45.8	12.6	33.2	18.0	0	10	90	T-L, Cl(CL), Hd
6ST-118	9.0-11.0	57-3352	20.8	105.8	--	39.3	12.5	26.8	13.0	0	22	78	L, Cl(CL), Hd
6ST-125	11.5-13.5	57-3777	23.6	98.6	--	49.5	14.1	35.4	16.0	0	8	92	L-D, Cl(CL), St
6ST-137	27.5-29.5	57-3540	20.6	106.3	--	45.7	12.9	32.8	15.5	0	11	89	Ru-T-L, Cl(CL), v/st
6ST-143	2.0- 4.0	57-3575	26.8	94.6	--	56.2	18.8	37.4	20.0	0	9	91	G, Cl(CH), Hd
6ST-155	29.0-30.5	57-4095	24.2	94.1	--	60.3	16.1	44.2	23.0	0	6	94	T-L,Cl(CH), v/st. Calc
6ST-158	10.0-12.0	57-3819	18.8	109.9	--	34.8	11.3	23.5	11.0	0	40	60	T-L, SaCl(CL), St.
6ST-162	26.0-27.5	57-3913	24.4	105.9	--	49.5	13.1	36.4	19.0	0	9	91	T-L, Cl(CL), Hd, Sl

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CHANNEL RECTIFICATION
BRAYS BAYOU
SUMMARY OF DIRECT SHEAR TEST DATA
HOUSTON, TEXAS

TABLE 2

ADDENDUM NO. 16

BORING NO.	SAMPLE DEPTH FT.	DISTRICT SERIAL NO.	DENSITY DATA M. C., %	DENSITY DATA U.D.W.* lbs/cu.ft.	DIRECT SHEAR TEST DATA Maximum Ø	Maximum c.Tons/Sq.Ft.	Ultimate Ø	Ultimate c.Tons/Sq.Ft.
6ST-109	13.0-15.0	57-2646	11.1	107.6	27.49	.05	23.82	.05
6ST-143	2.0- 4.0	57-3575	25.1	92.7	16.4	.34	16.3	.16
6ST- 98	23.5-25.0	57-2669	18.5	105.5	34.17	.05	32.46	.05
6ST-111	24.0-26.0	57-3060	18.1	112.0	20.82	.70	15.05	.38
6ST-118	9.0-11.0	57-3352	19.9	104.7	18.43	.45	20.47	.10
6ST-125	11.5-13.5	57-3777	24.7	93.3	18.43	.25	18.43	.10
6ST-137	27.5-29.5	57.3540	20.7	102.3	27.23	.26	23.62	.12
6ST-155	29.0-30.5	57-4095	23.9	97.0	13.85	.55	14.00	.48
6ST-158	10.0-12.0	57-3819	17.5	110.0	21.13	.60	20.8	.40
6ST-162	26.0-27.5	57-3913	18.5	109.2	9.6	1.24	12.4	.60
6ST-143	2.0-4.0	57-3575	25.1	92.7	16.4	0.34	16.3	0.16

* Average of 3 specimens

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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-109	57-2640	0.0	0	48	52	4.5+				5.7	114.7	Br, SaCl(CL) Hd. Oily
		2.5										
	2641		0	17	83	4.2	43.9		16.5	18.5	108.3	G, Cl(CL) Hd, Fe.
		5.0										
	2642		0	19	81	4.25	41.0		16.0	17.4	112.3	G, Cl(CL) Hd, Fe, Calc. Conc.
		7.0										
	2643			15		2.8				13.4	116.0	G, Cl(CL) Hd, Fe, Calc. Conc.
		9.0										
	2644		0	20	80	4.0	38.9		14.5	15.9	110.1	G-Ru-L, Cl(CL) Hd, Fe, Calc. Conc.
		11.0										
	2645		0	19	81	3.8	36.5		14.0	13.4	117.3	T-G-L, Cl(CL) Hd, W/Roots.
		13.0										
	2646					4.4				13.4	113.7	T-G-L, Cl(CL) Hd, W/Roots.
		15.0										
	2647					4.5+				12.4	113.0	T-G-L, Cl(CL) Hd, W/Roots.
		17.0										
	2648					3.9				14.2	117.1	T-L, SaCl(CL) Hd, Calc.
		19.0										
	2649		0	23	77	4.5+	37.0		13.5	12.2	117.7	T-L, SaCl(CL) Hd, Calc.
		21.0										
	2650					4.5+				15.8	112.2	T-L, SaCl(CL) Hd, Calc.
		23.0										
	2651		0	4	96	4.5	40.1		13.0	14.7	113.3	H-Ru-T, Cl(CL) Hd, Calc. Conc.
		25.0										
	2652		0	6	94	4.5+	53.4		18.0	19.2	105.5	Ru-L, Cl(CH) Hd, Hackly.
		27.0										
	2653					4.5+				18.2	106.9	Ru-L, Cl(CH) Hd, Hackly.
		29.0										
	2654		0	0	100	4.5+	55.4		20.0	21.8	101.6	L-Ru, Cl(CH) Hd, Hackly.
		31.0										
	2655					4.5+				20.5	104.5	L-Ru, Cl(CH) Hd, Hackly.
		33.0										
	2655A		0	0	100	4.5+	54.1		21.5	22.5	106.9	L-Ru, Cl(CH) Hd, SL, Calc.
		35.0										
		BOTTOMED AT 35.0' IN L-Ru, Cl(CH), Hd, SL, Calc. Conc. NO WATER ENCOUNTERED.										
6ST-110	57-2877	0.0	0	23	77	4.2	33.9		9.0	15.4	107.6	Br-B, SaCl(CL) Hd, W/Roots.
		2.0										
	2878		22	39	39	4.5	44.5		17.0	12.1	117.8	T-L, GrCl Sa(SC) Hd, Calc. Nods.
		4.0										
	2879					4.5				11.9	121.0	T-L, GrCl Sa(SC), Hd, Calc. Nods.
		6.0										
	2880		0	3	97	4.5	41.9		15.0	18.5	104.2	Ru-L, Cl(CL) Hd, Calc. Conc.
		8.0										
	2881					2.5				19.7	106.8	Ru-L, Cl(CL) Hd, Calc. Conc.
		10.0										

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* - Laboratory Pentrometer Readings

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