SWG Form 267
12 July 1971

GDLR NO 1534

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 76-1

TEST DATA SUMMARY

LOCATION: 218+00, 300' left centerline

DATE COMPLETED 11 February 1976

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
	0.0	23.5	water									X									
1J	25.5	28.0	Gray Silty Sand (petroleum waste 28'-31') 25.5'-31'	SM				33				87									
2J	28.0	31.0	sand seams & shell fragments 25.5'-28					29				88	2	0	78	22	50	0	0	2	39
3C	32.0	33.0	Brown & Gray sandy Clay 31'-40'	CL	H	4.50+		20	*	41	12	89		0	30	70	50	0	0	0	15
4C	34.5	35.5			VST	3.50		15	117			90									
5C	37.0	38.0			H	4.00		17	*	32	14	91		0	46	54	50	0	0	0	23
6C	39.0	40.0			VST	2.75		18	112			92									
7C	41.0	42.0	Gray Clayey Sand 40'-42'	SC	M	0.75		20	107			93	6	0	56	44	50	0	0	0	28
8J	44.0	46.0	Gray Silty Sand 42'-50.5'	SP-SM	M		30	29				94									
9J	49.0	50.5						27				95	0	0	94	6	50	0	0	0	47
10C	51.5	52.5	Gray Clay 50.5'-52.5'	CH	VST	2.25		33	90	64	19	96		0	0	100	50	0	0	0	0

* Disturbed

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard
CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense
(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

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Water encountered at 52.5' Water at Tide Reading