SWG Form 267
12 July 1971

GDLR NO 1534

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 76-2

TEST DATA SUMMARY

LOCATION: ALEXANDER ISLAND 277+00,300' left centerline

DATE COMPLETED 12 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. 76	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	11.5	water																		
1J	11.5	14.0	Tan & Gray to Gray Sandy Clay 11.5'-18'	CL				32				97									
2J	14.0	16.0						38		42	13	98		0	44	56	50	0	0	1	22
3C	17.0	18.0			S	0.25		42	77			99									
4C	19.2	20.0	Gray Clay w/sand pockets 18'-20'	CH	M	0.50		58	66	78	22	100		0	2	98	50	0	0	0	1
5C	21.0	22.0	Gray Clay w/sand layers 20'-31.2'	CL	S	0.25		55	65	38	15	101		0	4	96	50	0	0	0	2
6C	23.1	24.0			S	0.25		46	77			102									
7C	25.1	26.0			M	0.50		59	65			103									
8C	27.0	28.0			M	0.50		59	63			104									
9C	29.0	30.0			M	0.50		59	*	36	14	105		0	14	86	50	0	0	1	7
10C	31.0	32.0	Gray Clayey Silty Sand 31.2'-32'	SC-SM	ST	1.00		23	103			106									
11C	33.0	34.0	Tan & Gray Clayey, Silty Sand 32'-38'		M	0.75		22	106			107	3	0	52	48	50	0	0	0	26
12C	35.0	36.0			ST	1.00		20	108			108									
13C	37.0	38.0			M	0.75		21	107			109									
14J	38.0	40.0	Tan & Gray Silty Sand 38'-42'	SM				25				110	1	0	50	50	50	0	0	0	25
15J	40.0	42.0						26				111									
16J	45.0	47.0	Brown Clayey Sand w/clay layers 42'-47'	SC				24				112	7	0	54	46	50	0	0	0	27
17J	47.0	49.0	Brown Silty Sand 47'-49'	SM				22				113	0	0	74	26	50	0	0	0	37
18J	50.0	52.0	Tan & Gray Sandy Clay 49'-52'	CL	M		22	26		29	15	114		0	30	70	50	0	0	0	15

* 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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Bottomed at 52.0' Water at Tide Reading

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