BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 3+000, 200 LEFT ℄ Date 5-31-72
Drill Rig ARCO 550 HD Inspector MINOR Operator SMITH Surface elev TIDE +2.5'
Levee District GALVESTON Job No. Boring No. 72-56

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTA...	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		0.0	17.0								WATER
1	31 MAY			17.0	24.0	17.0	19.5	3" SHELBY TUBE	JAR	—	BLACK CLAY WITH SAND AND
											SHELL POCKETS VERY SOFT
											KELLY 2200 S, TUBE PENETRATED
											TO 24.0 PENETRATION REQUIRED
											BRAKING
2	31 MAY		27.0	29.0	27.5	26.3	27.5	3" SHELBY TUBE	CONT	—	ABOVE ASSEMBLY PENETRATED
											TO 25.0', PRESSURE THEN REQUIRED
		27.0									GRAY-TAN CLAY, SOFT
				27.5	30.0						WASHED
3	31 MAY			30.0	32.5	31.3	32.5	3" SHELBY TUBE	CONT	1.75	WITH CALCAREOUS, FERRUGINOUS NODULES, STIFF
				32.5	35.0						WASHED
4	31 MAY			35.0	37.5	36.3	37.5	3" SHELBY TUBE	CONT	2.00	
			39.0	37.5	40.0						
5	31 MAY	39.0		40.0	42.5	41.3	42.5	3" SHELBY TUBE	CONT	1.00	GRAY SLIGHTLY CLAYEY SAND WITH
											ORGANIC PARTICLES, STIFF

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 3+000, 300' LEFT ℄ Date 5-31-72
Drill Rig ARCO 550 HD Inspector MINOR Operator SMITH Surface elev TIDE +2.5
Levee District GALVESTON Job No. Boring No. 72-56

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
6	31 MAY			42.5	43.0	42.5	44.5	SPLIT SPOON	JAR		SEAT SPOON; LESS CLAY MORE SILT
				43.0	43.5						5 BLOWS
				43.5	44.0						3 BLOWS
				44.0	44.5		44.5				RETAIN SAMPLE
				44.5	50.0						WASHED
7	31 MAY			50.0	50.5	50.0		SPLIT SPOON	JAR		SEAT SPOON, FEW THIN CLAY LAYERS
				50.5	51.0						7 BLOWS
				51.0	51.5						7 BLOWS
				51.5	52.0		52.0				RETAIN SAMPLE
				52.0	55.0						WASHED
8	31 MAY			55.0	55.5	55.0		SPLIT SPOON	JAR		SEAT SPOON - CLAY LAYERS ABSENT
				55.5	56.0						6 BLOWS
				56.0	56.5						7 BLOWS
				56.5	57.0		57.0				RETAIN SAMPLE
				57.0	60.0						WASHED

BORING LOG
FIELD DATA

Project HOUSTON SHIP CHANNEL Location STA 3+000, 300' LEFT ℄ Date 5-31-72
Drill Rig ARCO 550 HD Inspector MINOR Operator SMITH Surface elev TIDE +2.5
Levee District GALVESTON Job No. Boring No. 72-56

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
9	31 MAY			60.5	61.0	60.5		SPLIT SPOON	JAR		SEAT SPOON
				61.0	61.5						2 BLOWS
				61.5	62.0						4 BLOWS
			62.5	62.0	62.5		62.5				RETAIN SAMPLE
								BOTTOMED AT		625	
								COMPLETED AT		09 25	
DRIVE	SAMPLER	2"	x 1 3/8"	x 24"							
											NO WATER TABLE AT
											WEIGHT OF HAMMER 140#
											DROP DISTANCE 30"

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

DWG FORM 207

12 July 1971

GDLR NO 1401

PROJECT: HOUSTON SHIP CHANNEL

BORING NO. 72-56

TEST DATA SUMMARY

LOCATION:

DATE COMPLETED 31 May 1972

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION	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	WT. INIT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
			ELEVATION TOP BORING _____ Water 0'-17'																		
1J	17.0	19.5	Gray Sandy Clay w/sand pockets & shell 17'-27'	CL	VS		0	47		35	18	1860		2	34	64	50	1	1	1	18
2C	26.3	27.5			ST	1.00		25	98	31		1861		2	32	66	50	1	2	3	17
3C	31.3	32.5	Gray & Brown Clay 27'-39'	CH	VST	2.00		28	96	89		1862		0	6	94	50	0	0	1	3
4C	36.3	37.5	Calcareous nodules 27'-32.5'		VST	2.25		28	96	76		1863		0	6	94	50	0	0	3	3
5C	41.3	42.5	Gray Clayey Sand 39'-42.5'	SC	M	0.75		21	106	32		1864		0	62	38	50	0	0	0	31
6J	42.5	44.5	Gray Silty Sand w/clay layers 42.5'-50'	SM	L		8	23				1865	0	0	76	24	50	0	0	0	38
7J	50.0	52.0	Tan Silty Sand w/clay layers 50'-55'	SP-SM	M		14	20				1866	0	0	90	10	50	0	0	0	15
8J	55.0	57.0	Tan Silty Sand w/clay layers 55'-62.5'	SM	M		13	22				1867	0	0	84	16	50	0	0	0	12
9J	60.5	62.5			L		6	21				1868	0	0	82	18	50	0	0	0	11

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.

BORING NO. 72-56

Bottomed at 62.5' Water at +17.0 Tide Reading +2.5

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