SWG Form 267
28 Jan 1965

GDLR NO. 1356

PROJECT: Freeport Channel

BORING NO. 35T-5

TEST DATA SUMMARY

LOCATION:

DATE DRILLED Nov 16 1970

FIELD NO.	DEPTH	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.	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
-1	0-2	Brown & Gray Clay 0'-16'	CH	M	0.50		41	79											
-2	2-4	Sandy 6'-8', Some Shell 6'-8'		M	0.50		40	78	80			0	2	99	50	0	0	0	1
-3	4-6	few Calnods 0'-2'		M	0.50		47	75											
-4	6-8			VS	0.50		47	72	54			0	18	82	50	0	0	0	9
-5	8-10			M	0.50		47	75											
-6	10-12			ST	1.00		44	78											
-7	12-14			ST	1.25		38	81	77			0	0	100	50	0	0	0	0
-8	14-16			ST	1.00		29	92											

BORING AT 16'

WATER AT 0.0'

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. Rtd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 35T-5

GDLR NO. 1356

Hole No. 3ST-5

DRILLING LOG	DIVISION Southwestern	INSTALLATION Geology Section	SHEET OF SHEETS

1. PROJECT Proposed Dredging, Jetty Channel to Upper Turning Basin Spoil Disposal Area South of GIWW
2. LOCATION (Coordinates or Station) Freeport Harbor, Texas
3. DRILLING AGENCY Dept of the Army, GD, Corps of Engrs
4. HOLE NO. (As shown on drawing title and file number) 3ST-5
5. NAME OF DRILLER Eck
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE 16.0
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN — DISTURBED: — UNDISTURBED: 8 Cont
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE — STARTED: 16 Nov — COMPLETED: 16 Nov 70
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING %
19. SIGNATURE OF INSPECTOR

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.0	2.0		Brown clay, med		Cont. 1		0.75
2.0	4.0		Same as above, med		Cont. 2		0.50
4.0	6.0		Gray and brown clay, med		Cont. 3		0.50
6.0	8.0		Gray clay w/some shell v/soft		Cont. 4		0.00
8.0	10.0		Gray and brown clay, med		Cont. 5		0.50
10.0	12.0		Brown clay, stiff		Cont. 6		1.50
12.0	14.0		Brown and gray clay, stiff		Cont. 7		1.00
14.0	16.0		Gray and brown clay, stiff		Cont. 8		1.25
			BOTTOMED				
			Water table 0.0				

ENG FORM 1836 1 APR 63 PREVIOUS EDITIONS MAY BE USED

PROJECT Proposed Dredging Jetty Channel to Upper Turning Basin, Freeport Harbor, Texas

HOLE NO. 3ST_5