Hand Auger

Hole No. 3ST-5

DRILLING LOG	DIVISION Southwestern	INSTALLATION Geology Subsection, GD, CofEngrs	SHEET OF SHEETS

1. PROJECT Freeport Harbor and Channel	10. SIZE AND TYPE OF BIT
2. LOCATION *(Coordinates or Station)* Proposed Dredging	11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)* Elevation 23.92
3. DRILLING AGENCY Dept of the Army, GD, Corps of Engineers	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. *(As shown on drawing title and file number)* 3ST-5	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN — DISTURBED 7 Jars — UNDISTURBED
5. NAME OF DRILLER Eck	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE — STARTED 15 April — COMPLETED 15 April 1969
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING %
9. TOTAL DEPTH OF HOLE 14.0	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		Tan and dark gray clay,firm		Jar 1	
2.0	4.0		Same as above, firm		Jar 2	
4.0	6.0		Tan and gray clay,firm		Jar 3	
6.0	8.0		Same as above, firm		Jar 4	
8.0	10.0		Same as above, firm		Jar 5	
10.0	11.0		Dark gray silty fine sandy clay, soft		Jar 6	
11.0	14.0		Dark gray clay w/layers brown sand, soft		Jar 7	
			BOTTOMED			
			Water table 3.5			

SWG Form 267(C)
28 Jan 1965

PROJECT: Freeport Harbor Channel

BORING NO. 35 T-5

LOCATION:

TEST DATA SUMMARY

DATE DRILLED Apr. 15, 1969

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
J-1	0 - 2	Brown & Gray Clay 0'-14'	CH				38.4												
J-2	2 - 4	sandy 10'-11'					35.3				24.0	0	2	98	50	0	0	0	1
J-3	4 - 6	sand seams & pockets 0'-14'					42.9												
J-4	6 - 8						46.0				24.0	0	10	90	50	0	0	0	5
J-5	8 - 10						42.3				24.0	0	8	92	50	0	0	0	4
J-6	10 - 11						43.9				22.0	0	24	76	50	0	0	0	12
J-7	11 - 14						38.9												
		BOTTOM AT 14.0'																	
		WATER AT -3.5'																	

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. 35 T-5