Hand Auger

Hole No. 3ST-1

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 25.8
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-1	13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN — DISTURBED: 4 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 16.0	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	5.0		Brown gray clay, firm		Jar 1	
5.0	8.0		Gray and brown clay, firm		Jar 2	
8.0	12.0		8-10.0 tan clay, firm 10.0-12.0 Same as above, firm		Jar 3	
12.0	16.0		Same as above, firm		Jar 4	
			BOTTOMED			
			No water indicated.			

SWG Form 267(C)
28 Jan 1965

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PROJECT: Freeport Harbor Channel

BORING NO. 3ST-1

TEST DATA SUMMARY

LOCATION:

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	0-5	Gray & Brown Clay 0'-16'	CH				34.6				23.0	0	2	98	50	0	0	0	1
J-2	5-8	calcareous. 0'-5'					39.1		66		24.0	0	8	92	50	0	0	0	4
J-3	8-12	sand seams 5'-16'					35.7												
J-4	12-16						40.3				26.0	0	2	98	50	0	0	0	1
		BOTTOM AT 16.0'																	
		WATER AT No water table noted																	

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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