

Hole No. 3ST-17							
DRILLING LOG		DIVISION Southwestern		INSTALLATION Galv Dist, Eng Div		SHEET OF SHEETS	
1. PROJECT Port Isabel Spoil Area				10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station) Port Isabel, Texas				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) Elev. 5.9-17 x 1.5 = 16.65			
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-17		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		DISTURBED 2 Jars	
5. NAME OF DRILLER Black				14. TOTAL NUMBER CORE BOXES		UNDISTURBED 6 Cont	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE		STARTED 25 Jul	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE		COMPLETED 25 Jul 1966	
9. TOTAL DEPTH OF HOLE		18.0		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		Tan fine grain sand			Jar 1	
2.0	4.0		Tan sand				
			2.0-2.5 Seat pent				
			2.5-3.0 2 blows				
			3.0-3.5 2 blows				
			3.5-4.0 No count			Jar 2	
4.0	6.0		Washed, same as above			No sample	
6.0	8.0		Tan clay, v/sandy, v/soft			Cont. 1 0.24	
8.0	10.0		Gray and tan clay, silty w/tr org. mat. soft			Cont. 2 0.49	
10.0	12.0		Tan clay, stiff			Cont. 3 1.00	
12.0	14.0		Tan clay, medium			Cont. 4 0.75	
14.0	16.0		Tan sandy clay, medium			Cont. 5 0.75	
16.0	18.0		Tan clay, soft gray silty clay in core of sample v/stiff			Cont. 6 2.00	
			BOTTOMED				
			Depth to water			5.2'	

SWG Form 267(C)

28 Jan 1965

PROJECT: Port Isabel Spoil Area

LOCATION: _____

TEST DATA SUMMARY

BORING NO. 3st-17DATE DRILLED 25 July 1966

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			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)			
												GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
J-1	0-2	Brown silty sand 0-6	SM				3.7			W	2.0	0	74	76	50	0	0	0	37
C-2	2-4			L		4	15.6			W	1.0	0	72	28	50	0	0	0	36
X	4-6																		
C-1	6-8	Grey clay 6-8	CL	M	0.5		28.0	97	35	W	9.6	0	4	96	50	0	0	0	2
C-2	8-10	Brown clay 8-18	CH	M	0.75		40.9	82											
C-3	10-12			ST	1.25		29.6	93											
C-4	12-14			ST	1.75		32.0	89		W	22.0	0	0	100	50	0	0	0	0
C-5	14-16			ST	1.0		30.9	92											
C-6	16-18			ST	1.5		27.9	98											
	18-20																		
	20-22																		
	22-24																		
	24-26	BOTTOM AT 18'																	
	26-28																		
	28-30	WATER AT 5.2'																	
	30-32																		
	32-34																		
	34-36																		
	36-38																		
	38-40																		
	40-42																		
	42-44																		
	44-46																		
	46-48																		
	48-50																		
	50-52																		
	52-54																		
	54-56																		
	56-58																		
	58-60																		

KEY:

CONSISTENCY — COHESIVE SOILSCONSISTENCY — COHESIONLESS SOILS

VS S M ST VST R VL L M D VD
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

(1) Tons/Sq.Ft. Unconfined Compressive Strength

(2) Split Barrel Sampler

(3) Acc. Wt. Rnd ÷ Init. Wt. x 100 = % Rnd.

BORING NO. 3st-17