

DRILLING LOG		DIVISION Southwestern		INSTALLATION Galv Dist, Eng Div		Hole No.3ST-12		SHEET OF SHEETS	
1. PROJECT Spoil Area				10. SIZE AND TYPE OF BIT 7.0-17x1-1/2= 15				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) Elev. 8.2 Hole drilled at 7.0 Elev.	
2. LOCATION (Coordinates or Station) Port Isabel, Texas				12. MANUFACTURER'S DESIGNATION OF DRILL					
3. DRILLING AGENCY Dept of the Army, GD, Corps of Engineers				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		DISTURBED 3 Jars		UNDISTURBED 4 Cont	
4. HOLE NO. (As shown on drawing title and file number) 3ST-12				14. TOTAL NUMBER CORE BOXES		15. ELEVATION GROUND WATER			
5. NAME OF DRILLER Black				16. DATE HOLE		STARTED 27 July		COMPLETED 27 July 1966	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				17. ELEVATION TOP OF HOLE		18. TOTAL CORE RECOVERY FOR BORING %			
7. THICKNESS OF OVERBURDEN				19. SIGNATURE OF INSPECTOR					
8. DEPTH DRILLED INTO ROCK									
9. TOTAL DEPTH OF HOLE 16.0									
ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOV- ERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g			
0.0	0.6		Gray clay			Jar 1			
0.6	2.0		Tan sand			Jar 2			
2.0	4.0		Fine gray tan sand clay binder 2.0-2.5 Seat pent 2.5-3.0 6 blows 3.0-3.5 5 blows 3.5-4.0 No count			Jar 3			
4.0	6.0		Washed			No sample			
6.0	8.0		Tan and gray silty clay v/soft			Cont. 1 0.24			
8.0	10.0		Tan sandy clay, tr org. mat, medium			Cont. 2 0.75			
10.0	12.0		10.0-11.0 Tan sandy clay 11.0-12.0 Tan sand clay binder, v/soft			Cont. 3 0.24			
12.0	14.0		Same as above, v/soft			Cont. 4 0.24			
14.0	16.0		No recovery, tan sand			No sample			
			BOTTOMED depth to Water 6.0						

SWG Form 267(C)
28 Jan 1965

PROJECT: Port Isabel Spoil Area

LOCATION: _____

TEST DATA SUMMARY

BORING NO. 3st-12

DATE DRILLED 27 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	0-0.6	Gray clay 0-0.6	CH				69.4			W	19.0	0	0	100	50	0	0	0	0
J-2	0.6-2	Brown silty sand 0.6-4	SM				20.8												
J-3	2-4		ST			11	24.5			W	0.0	0	60	40	50	0	0	0	30
X	4-6	Washed																	
C-1	6-8	Brown clay 6-10	CH	S	0.25		39.7	82	50	W	17.0	0	18	82	50	0	0	0	9
C-2	8-10	Sandy 6-8		M	0.5		28.8	92		W	18.0	0	6	94	50	0	0	0	3
C-3	10-12	Brown clay 10-12	CL	S	0.25		26.3	97	31	W	10.0	0	6	94	50	0	0	0	3
C-4	12-14	Brown silty sand 12-14	SM	M	0.5		21.5	105		W	1.0	0	67	33	50	0	0	0	31
X	14-16	D.C Tan sand																	
		Water 6.0																	

KEY: CONSISTENCY — COHESIVE SOILS
VS S M ST VST H VL L M D VD
Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

CONSISTENCY — COHESIONLESS SOILS

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtd ÷ Init. Wt. x 100 = % Rtd.

BORING NO. 3st-12