Hole No. 3ST-5

DRILLING LOG	DIVISION	INSTALLATION	SHEET
	Southwestern	Galv Dist, Eng Div	OF SHEETS

1. PROJECT	Port Isabel Spoil Area
2. LOCATION *(Coordinates or Station)*	Port Isabel, Texas
3. DRILLING AGENCY	Dept of the Army, GD, Corps of Engineers
4. HOLE NO. *(As shown on drawing title and file number)*	3ST-5
5. NAME OF DRILLER	Black
6. DIRECTION OF HOLE	☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN	
8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE	18.0
10. SIZE AND TYPE OF BIT	
11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)*	(offset fr 6.5 Elev Elev. 5.5*-17°x1-1/2 = 17.25) 3½ to 5.5 Elev)
12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED: ; UNDISTURBED: 9 Cont
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED: 21 Jul ; COMPLETED: 21 Jul 66
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		Tan sandy clay, (fill mat) med			Cont. 1 0.75
2.0	4.0		Same as above, (fill mat) stiff (short sample)			Cont. 2 1.50
4.0	6.0		Gray clay sand on top of sample, soft			Cont. 3 0.25
6.0	8.0		Gray sand clay binder and tr shell, v/soft			Cont. 4 0.0
8.0	10.0		Tan clay w/sand pockets medium			Cont. 5 0.75
10.0	12.0		Tan clay layers of sand and pockets, stiff			Cont. 6 1.00
12.0	14.0		Gray sandy clay, medium			Cont. 7 0.50
14.0	16.0		Gray and tan clay, tr org. mat, stiff			Cont. 8 1.50
16.0	18.0		Same as above, stiff			Cont. 9 1.50
			BOTTOMED			
			Offset 3-1/2' North due to very unlevel terrain			
			depth to water 5.3'			

SWG Form 267(C)
28 Jan 1965

PROJECT: Port Isabel Spoil Area

BORING NO. 3ST-5

TEST DATA SUMMARY

LOCATION: _____

DATE DRILLED 21 July 1965

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			WT.	ACC. WT. RTND. SIEVE NO. (3)			
												GRVL	SAND	FINES	INIT.	NO. 4	NO. 10	NO. 40	NO. 200
C-1	0-2	Brown Clay 0-2	CH	M	0.75		38.0	81			21.0	0	6	94	50	0	0	0	3
C-2	2-4	Brown Clay 2-3	CL	ST	1.0		34.0	86											
C-3	4-6			ST	1.0		40.9	80	43	W	16.0	0	6	94	50	0	0	0	3
C-4	6-8	Sandy 6-8		VS	0.0		33.5	86	29	W	8.0	0	28	72	50	0	0	0	14
C-5	8-10	Brown Clay 8-10	CH	ST	1.0		30.1	88			23.0	0	6	94	50	0	0	0	3
C-6	10-12	Brown, Gray 10-14	CL	ST	1.0		26.9	88			8.0	0	0	100	50	0	0	0	0
C-7	12-14			ST	1.25		28.9	95											
C-8	14-16	Brown Clay 14-15	CH	ST	1.0		28.5	96	76	W	23.0	0	2	98	50	0	0	0	1
C-9	16-18			VST	2.25		27.7	*											
	18-20	BOTTOM AT 15																	
	20-22																		
	22-24	WATER AT 5.3																	
	24-26																		
	26-28	*Disturbed																	
	28-30																		
	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 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.

W = non-dried L.L.

BORING NO. 3ST-5