Hole No. 3ST-4

DRILLING LOG

DIVISION: Southwestern

INSTALLATION: Galv Dist, Eng Div

SHEET ____ 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-4
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: 22.0
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)*: Elev. +1.9
12. MANUFACTURER'S DESIGNATION OF DRILL
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN: DISTURBED 1 Jar; 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 silty clay			Jar 1	
2.0	4.0		Washed out ahead, no recovery			No sample	
4.0	6.0		Tan clay sand pockets, soft			Cont. 1	0.25
6.0	8.0		Same as above, stiff			Cont. 2	1.00
8.0	10.0		Gray and tan sandy clay, stiff			Cont. 3	1.00
10.0	12.0		Tan sandy clay, medium			Cont. 4	0.75
12.0	14.0		Tan silty clay, soft			Cont. 5	0.25
14.0	16.0		Tan sandy clay, medium			Cont. 6	0.75
16.0	18.0		Same as above, soft			Cont. 7	0.49
18.0	20.0		Gray sandy clay, soft			Cont. 8	0.49
20.0	22.0		Gray sandy clay, tr org. mat. soft			Cont. 9	0.25
			BOTTOMED				
			depth to Water 1.8'				

SWG Form 267(C)
28 Jan 1965

PROJECT: Port Isabel Spoil Area

BORING NO. 3ST-4

LOCATION: _____

TEST DATA SUMMARY

DATE DRILLED 21 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 GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
J-1	0-2	Brown Clay 0-2	CH				41.8		54	W	16.0	0	10	90	50	0	0	0	5
X	2-4	No Recovery																	
C-1	4-6	Brown Clay 4-18	CL	ST	1.0		29.6	95		W	8.0	0	2	98	50	0	0	0	1
C-2	6-8			ST	1.0		29.3	94											
C-3	8-10			ST	1.5		28.1	98	34	W	8.0	0	4	96	50	0	0	0	2
C-4	10-12			ST	1.75		23.3	101											
C-5	12-14			ST	1.25		27.3	97		W	9.0	0	2	98	50	0	0	0	1
C-6	14-16			M	0.5		27.6	97		W	8.0	0	2	98	50	0	0	0	1
C-7	16-18			M	0.5		26.4	97											
C-8	18-20	Brown Clay 18-21	SC/ML	M	0.5		26.7	97		W	4.0	0	6	94	50	0	0	0	3
C9	20-21			S	0.25		25.0	101											
C9A	21-22	Brown Clay 21-22	CL	S	0.25		35.0	87	40	W	16.0	0	10	100	50	0	0	0	0
	24-26																		
	26-28	BOTTOM AT 22.																	
	28-30																		
	30-32	WATER AT 1.5																	
	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 LL ≠ LS

BORING NO. 3ST-4