Hole No. 3ST-16

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-16
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	20.0
10. SIZE AND TYPE OF BIT	
11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)*	Elev. 4.1-17 x 1-1/2 = 19.35
12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED: 2 Jars; UNDISTURBED: 6 Cont
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED: 25 Jul; COMPLETED: 25 Jul 1966
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 sand			Jar 1
2.0	4.0		Same as below			No sample
4.0	6.0		Gray sandy clay, v/soft			Cont. 1 0.24
6.0	8.0		Tan silty clay, soft			Cont. 2 0.49
8.0	10.0		Same as above, soft			Cont. 3 0.49
10.0	12.0		Tan sandy clay, medium			Cont. 4 0.50
12.0	14.0		Tan clay, v/sandy, medium			Cont. 5 0.75
14.0	16.0		Gray clay, v/sandy, v/soft			Cont. 6 0.24
16.0	18.0		Same as above			No sample
18.0	20.0		Gray sand on tube, no recovery 18.0-18.5 Seat pent 18.5-19.0 5 blows 19.0-19.5 3 blows 19.5-20.0 No count			Jar 2
			BOTTOMED			

depth to water
3.41

SWG Form 267(C)
28 Jan 1965

PROJECT: Port Isabel Spoil Area

BORING NO. 35t-16

TEST DATA SUMMARY

LOCATION: _____

DATE 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 GRVL	PERCENT SAND	PERCENT FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
J-1	0-2	Brown sandy clay 0-2	CL				25.4			W	13.0	0	32	68	50	0	0	0	16
X	2-4	Gray sandy clay 2-	CH																
C-1	4-5.5	5.5	-		0.5		39.8	81		W	19.0	0	24	76	50	0	0	0	12
C-2	5.5-8	Brown clay 5.5-8	CL		0.5		26.2	99	39	W	13.0	0	4	96	50	0	0	0	2
C-3	8-10	Brown silt 8-20	ML		0.5		27.1	95											
C-4	10-12				1.25		25.6	100											
C-5	12-14				1.25		24.1	102		W	2.0	0	8	92	50	0	0	0	4
C-6	14-16				1.25		25.8	101											
X	16-18																		
X	18-20					8													
C1A	5.5-6	Brown sandy clay 5.5-6	CL		1.0		27.7	97	28	W	7.0	0	32	68	50	0	0	0	16
	22-24																		
	24-26																		
	26-28	BOTTOM AT 20'																	
	28-30																		
	30-32	WATER AT 3.4																	
	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.

BORING NO. 35t-16