HOLE NO. 6 ST-3

DEPARTMENT OF THE ARMY
DIVISION Southwestern
INSTALLATION Galveston Dist Engr Div

DRILLING LOG

1. PROJECT
SHEET 1 OF 7

2. LOCATION (Coordinates or Station) Sta 2+00 450 Rt CL

3. DRILLING AGENCY National Soil Services

4. HOLE NO. (As shown on drawing title and file No.) 6 ST-3

5. NAME OF DRILLER B. E. Beltz

6. DIRECTION OF HOLE: VERTICAL [X] INCLINED [ ] DEGREES WITH VERTICAL

7. THICKNESS OF OVER-BURDEN

8. DEPTH DRILLED INTO ROCK

9. TOTAL DEPTH OF HOLE 33.0

10. SIZE AND TYPE OF BIT 6" Shelby Tube

11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MSL

12. MANUFACTURER'S DESIGNATION OF DRILL Duck w/joy rig

13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN: DISTURBED 21 jars; UNDISTURBED 13 containers

14. TOTAL NO. CORE BOXES

15. ELEV. GROUND WATER -2.5 from surface

16. DATE HOLE: STARTED 12-8-59; COMPLETED ?

17. ELEV. TOP OF HOLE None shown +2.5±

18. TOTAL CORE RECOVERY FOR BORING (%)

19. SIGNATURE OF INSPECTOR Blows Penetrometer

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
+2.5	0.0-1.0	Sand	Medium dense tan fine sand w/shell 2 jars			
	1.0-3.0		Same No sample			
	3.0-3.5		Medium dense to dense gray v/fine sand w/shell No sample			
	3.5-5.0		Same 2 jars			
X	5.0-8.5		Same no Sample			
-3.0	8.5-10.5		Same 2 jars			
	10.5-12.0	Pl. St	Soft to firm gray & brown silty clay 2 jars			13.5-15.0 Consol
-11.0	12.0-13.5		Same 1 container 1 jar			0.75 1.50
	13.5-15.0		Same 1 container 1 jar			0.50
	15.0-16.5	Soft	Same 1 container 1 jar			0.25
	16.5-18.0		Same 1 container 1 jar			0.75
-17.0	18.0-19.5		Same 1 container 1 jar			0.40
	19.5-21.0	Soft Soft	Soft gray brown clay w/ sand pockets 1 container 1 jar			0.25
	21.0-22.5		Same 1 container 1 jar			21.0-22.5 Consol. 0.25
	22.5-24.0	Very Pl	Same 1 container 1 jar			22.5-24.0 0.25
-23.0	24.0-25.5		Same w/ sand lenses 1 container 1 jar			0.25
	25.5-27.0	Soft	Same 1 container 1 jar			0.50
-26.0	27.0-28.5		Same 1 container 1 jar			0.50
-28.5	28.5-31.0	?	Med dense gray fine sand w/ shell 1 cont & 1 jar			? ----
-	31.0-33.0	Very Stiff	Stiff light blue gray silty clay w/ shell and sand pockets 1 container 31.5-33.0 1 jar 31.5-33.0			31.5-33.0 Consol. 2.50

PORT MANSFIELD

TEST DATA SUMMARY

JETTY CONSTRUCTION

FEATURE LOG OF SOIL BORINGS

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	Qu *	ATTERBERG LIMITS LL	PL	SAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
GST-3	59-	25.5										
(Cont)	3858		0	0	100	0.50	61.9		19.0	53.4	70.0	Br, Cl (CH), So.
		27.0										
	3859		(Same as 59-3858)			0.50				35.2	85.1	Br, Cl (CH), So
		28.5	8-16-55									
	3860		0	79	21	0.75			1.0	20.3	106.6	G, Si Sa (SM)
		30.0										
	—		No Sample Drillers Classification									G, Si Sa (SM)
		31.5										
	3861		0	20	80	0.75	41.3		11.5	23.7	103.5	G, Cl (CL), Pl.
		33.0										
			Bottomed @ 33.0' in G, Cl (CL), Pl									
GST-4	60-	0.0										
			Gulf Water (Surface of Gulf floor 8.5 below water surface)									
		8.5										
	450		(Same as 60-451)			-				27.2	-	Br, Sa (SP)
			2-4-90									
	451		0	98	2	-			0.0	28.8	-	Br, Sa (SP)
		10.5										
	452		(Same as 60-453)			-				29.4	-	Br, Sa (SP)
			4-6-90									
	453		0	100	0	-			0.0	27.4	-	Br, Sa (SP)
		12.5										
	454		(Same as 60-455)							32.6	-	Br, Sa (SP)
			2-2-95									
	455		0	99	1	-			0.0	26.5	-	Br, Sa (SP)
		14.5										
	456		(Same as 60-455)			-				22.0	-	Br, Sa (SP)
		15.5										
	457		0	40	60	-	27.0		5.0	24.0	-	D, Sa Cl (CL)
		16.5										
	458		0	41	59	1.75	27.8		5.0	22.9	102.7	Br, Sa Cl (CL), Pl.
		17.5										
	459		0	0	100	0.50	59.5	27.2	20.0	45.6	75.8	G, Cl (CH), Pl
		18.5										
	460		(Same as 60-459)			0.75				42.5	77.1	G, Cl (CH), Pl
		19.5										
	461		0	0	100	0.75	64.6		20.0	42.4	75.0	G, Cl (CH), Pl
		20.5										
	462		(Same as 60-461)			0.75				39.5	78.5	G, Cl (CH), Pl
		21.5										
	463		(Same as 60-462)			0.75				42.1	76.0	G, Cl (CH), Pl
		22.5										
	464		0	1	99	0.75	71.0		21.0	41.8	77.1	G, Cl (CH), Pl
		23.5										

* - Laboratory Penetrometer Readings

DLR-817

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