

Channel to La Quinta

LOG OF BORING NO. 3 ST-7

TYPE: 3" Shelby Tube

LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS / CU FT.	POCKET PENETROMETER TONS / SQ. FT.			ELEVATION FT.			
						WATER CONTENT, %						
						PLASTIC LIMIT		LIQUID LIMIT				
			SURF. EL:			0.5	1.0	1.5	2.0	2.5	3.0	
						10	20	30	40	50	60	
5												
10												
15												
20			Water									
25												
30												
35												
40	C H		Gray to Tan clay V/Soft 34'-43'									
			L.S. = 18.0	0-3-97								
45			Sandy & V/Soft 43' to 48'		104.0							
			L.S. = 17.0	2-21-77	95.8							
50	C L		Tan Sandy Clay V/Soft		107.7							
			0-4-4-56									
55	C H		Tan Clay V/Soft		18.1							
			0-4-4-96									
			COMPLETION DEPTH 52.0'									
			DATE 4 JAN 63									
			DATE									

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>La Quinta Channel</u> <u>Corpus Christi Bay</u>		SHEET <u>OF</u>	
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>Sta 300/00</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-7</u>			5. NAME OF DRILLER <u>Smith</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE <u>52.0</u>	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED <u>4 Jan 63</u> COMPLETED <u>4 Jan 63</u>	
19. SIGNATURE OF INSPECTOR						
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
0.0	34.0		Water			
34.0	43.5		Clay, sandy, gray w/tan blend, very soft Weight of found rods and a tube			Jar 1
44.0	46.0		Clay, sandy, w/calc nod w/trace of shell fra			Cont. 1 3.00
46.0	48.0		Clay, sandy, w/calc nod w/trace of shell frag and gravel. Tan w/gray streaks, very stiff			Cont. 2 3.00
48.0	50.0		Clay, sandy, tan w/gray streaks, very stiff			Cont. 3 3.25
50.0	52.0		Clay, sandy, tanw/gray streaks, very stiff			Cont. 4 3.00
Bottomed at 52.0 Water at 34.0 Weight of hammer 140# Drop distance 30" Started - 12:30 PM Finished - 1:30 PM Tide 1.4 - 8:35 AM Tide 1.5 - 12:30 PM Tide 1.6 - 3:50 PM						