

Channel to La Quinta

LOG OF BORING NO. 3' ST-13

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.			
						0.5	1.0	1.5		2.0	2.5	3.0
						WATER CONTENT, %						
			SURF. EL.			PLASTIC LIMIT						
						10	20	30	40	50		
5												
10												
15			Water									
20												
25												
30												
35												
40	C		Gray, Black, White, Red Clay V/Soft									
	H		w/Industrial Waste									
			L.S. = 18.0									
			0-6-94									
45	SC		Gray Clayey Sand, Stiff									
	C		Rust Tan Sandy Clay, Stiff									
			L.S. = 7.0									
			0-60-40									
	S		Blown Gray Clayey									
	C		Sand V/Stiff									
50	SM		White Silty Sand, V/dense									
			0-75-25									

DATE 7 Nov 1962 Depth 51.0' 84 Blows/ft

SWN 266(C)

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>LaQuinta Channel</u>		SHEET <u> </u> OF <u> </u>	
DRILLING LOG			2. LOCATION (Coordinates or Station)			
4. HOLE NO. (As shown on drawing title and file No.) 3ST-13			3. DRILLING AGENCY U. S. Army Corps of Engineers			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
10. SIZE AND TYPE OF BIT Shelby Tube - 3"			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE 51.5 12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 3 Jars UNDISTURBED 2 Cont			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED 7 Nov COMPLETED 7 Nov 1962	
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	38.0		Water			
38.0	43.0		Gray black white, red clay wet			Jar 1
43.0	44.5		clayey Gray/sand w/cal nod fine grain 43.0-43.5 No count 43.5-44.0 12 blows 44.0-44.5 19 blows			Jar 2
44.5	46.0		Brown gray sand, clayey w/cal nod, fine grain			Cont. 1 1.75
46.0	47.0		Brown gray sand clayey fine grain			Cont. 2 2.0
47.0	48.0		Same as above			Washed
48.0	50.0		Washed, same as above			
50.0	51.5		White sand, fine 50.0-50.5 No count 50.5-51.0 35 blows 51.0-51.5 49 blows			Jar 3
			Bottomed in above Weight of hammer 140# Drop Distance - 30"			