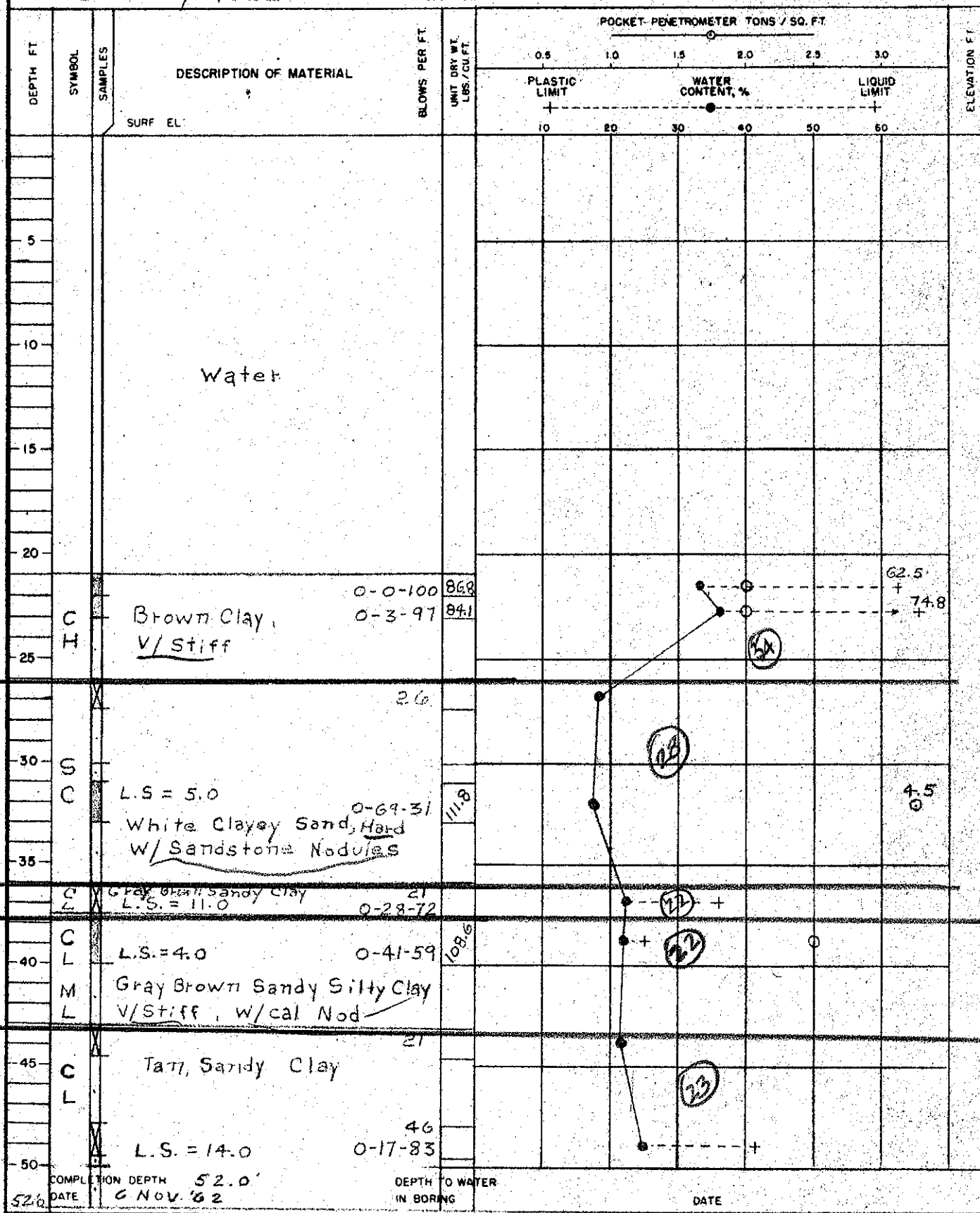


Channel to La Quinta

LOG OF BORING NO. 3 ST-1

TYPE 3 Shelby Tube

LOCATION:



DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>				1. PROJECT <u>LaQuinta Channel and Turning Basin</u>		SHEET <u>1</u> OF <u>1</u>	
DRILLING LOG				2. LOCATION (Coordinates or Station) <u>-170' S</u>			
3. HOLE NO. (As shown on drawing title and file No.) 3ST-1				3. DRILLING AGENCY U. S. Army Corps of Engineers			
4. NAME OF DRILLER Griffin				7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED		DEGREES WITH VERTICAL		9. TOTAL DEPTH OF HOLE 52.0			
10. SIZE AND TYPE OF BIT Shelby Tube - 3"		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL			
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 5 Jars		UNDISTURBED 4 Cont		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
16. DATE HOLE STARTED 6 NOV		17. DATE HOLE COMPLETED 6 NOV 1962					
17. ELEV. TOP OF HOLE		18. TOTAL CORE RECOVERY FOR BORING (%)		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	21.0		Water				
21.0	22.0		Clay brown stiff			Cont. 1	2.0
22.0	23.0		Sand fine white clayey			Cont. 2	
23.0	26.0		Washed, same as above				
26.0	27.5		Sand fine clayey white w/sandstone nodules 26.0-26.5 No count 26.5-27.0 13 blows 27.0-27.5 13 blows			Jar 1	
27.5	30.0		Washed, same as above				
30.0	31.0		Washed,				
31.0	33.0		Sand fine grain w/sandstone nodules white, hard			Cont. 3	4.50/
33.0	36.0		Washed, same as above				
36.0	37.5		Same as above, clay gray brown 36.0-36.5 No count 36.5-37.0 8 blows 37.0-37.5 13 blows Clay gray brown			Jar 2	
						Jar 2	
						Jar 3	
37.5	40.0		Sand clayey gray and brown w/cal nodules			Cont. 4	2.25
40.0	43.0		Washed, same as above				
43.0	44.5		Sand clayey gray and tan fine grain 43.0-43.5 No count 43.5-44.0 10 blows 44.0-44.5 11 blows			Jar 4	
44.5	48.0		Washed, same as above				
48.0	49.5		Sand clayey tan fine grain 48.0-48.5 No count 48.5-49.0 22 blows 49.0-49.5 24 blows			Jar 5	
49.5	50.0		Washed, same as above				
50.0	52.0		Washed, same as above				
			Bottomed in above Water 21.0 Weight of hammer 140# Drop Distance - 30"				