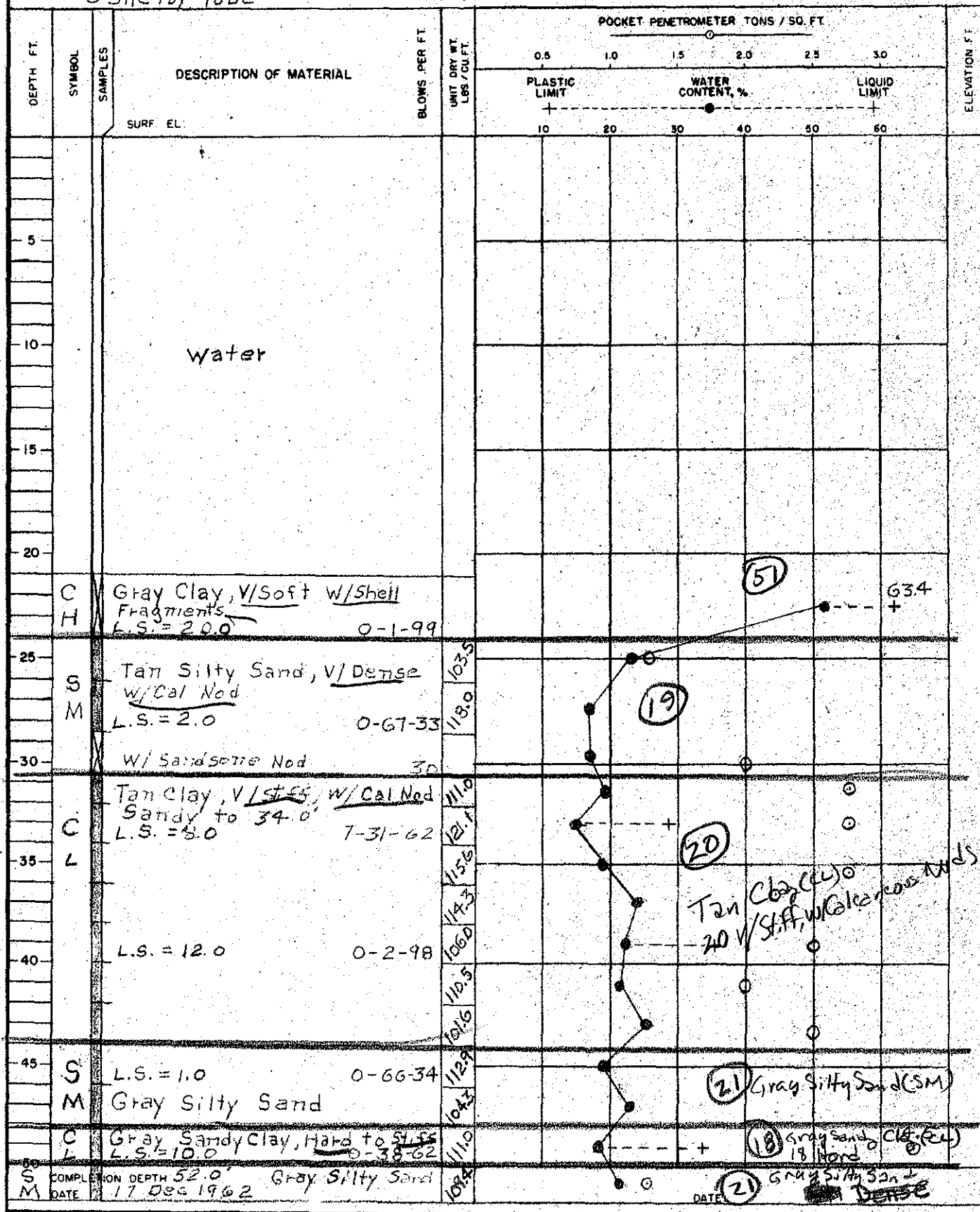


Channel to La Quinta

LOG OF BORING NO. 3 ST-14

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</u> <u>Corpus Christi Bay</u>		SHEET <u>OF</u>	
2- LOCATION (Coordinates or Station) <u>Sta 310/00</u>			3- DRILLING AGENCY			
4- HOLE NO. (As shown on drawing title and file No.) <u>3ST-14</u>			5- NAME OF DRILLER <u>A. Smith</u>			
6- DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED			7- THICKNESS OF OVER-BURDEN		8- DEPTH DRILLED INTO ROCK	
9- TOTAL DEPTH OF HOLE <u>52.0</u>			10- SIZE AND TYPE OF BIT <u>Shelby tube - 3"</u>			
11- DATUM FOR ELEVATION SHOWN (TBM or MSL)			12- MANUFACTURER'S DESIGNATION OF DRILL			
13- TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED			14- TOTAL NO. CORE BOXES		15- ELEV. GROUND WATER	
16- DATE HOLE STARTED <u>17 Dec</u> COMPLETED <u>17 Dec 62</u>			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	24.0		Clay, w/shell frag, gray Weight - 2 rods and a tube Very soft			Jar 1
24.0	26.0		Sand, fine grain, clay binder, tan, stiff			Cont. 1 1.50
26.0	28.5		Sandy clay, w/calc nod, tan, hard			Cont. 2 4.50
28.5	30.5		Clay, sandy w/large sand- stone nod, tan 28.5 to 29.0 no count 29.0 to 29.5 13 count 29.5 to 30.0 17 count 30.0 to 30.5 Trap sample			Jar 2
30.5	32.0		Sand, fine grain w/calc nod, tan, very stiff			Cont. 3 3.50
32.0	34.0		Clay, sandy, w/large calc nod, tan, hard			Cont. 4 4.50
34.0	36.0		Clay, sandy, w/calc nod, tan, very stiff			Cont. 5 3.50
36.0	38.0		Clay, sandy w/calc nod, tan, hard			Cont. 6 4.00
38.0	40.0		Clay, sandy, w/calc nod, tan, very stiff			Cont. 7 3.75
40.0	42.0		Clay, sandy, w/calc nod, tan, very stiff			Cont. 8 3.00
42.0	44.0		Clay, sandy, w/calc nod, tan, very stiff			Cont. 9 3.25
44.0	46.0		Clay, sandy w/calc nod, gray, stiff			Cont. 10 1.25
46.0	48.0		Clay, sandy, w/calc nod, gray, hard			Cont. 11 4.25
48.0	50.0		Clay, sandy w/calc nod, gray, hard			Cont. 12 4.50
50.0	*52.0		Clay, very sandy w/calc nod, gray, stiff			Cont. 13 1.25
Water at 21.0 Bottomed at 52.0 Weight of hammer 140# Drop Distance 30" Tide 1.0 at 8:45 AM, Tide 0.9 at 1:45 PM Tide 0.8 at 3:50 PM						
*Note - Last sample not to scale, as last column contains 11 ft.						