LOG OF BORING NO. 3
DOCKS 11, 12 AND 13
PORT OF BROWNSVILLE, TEXAS

TYPE: 3" Shelby tube & Split-spoon LOCATION: See Plate 1

DEPTH, FT	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL SURF. EL: 9.5' (Approx.)	BLOWS PER FT	UNIT DRY WT LB/CU FT	COHESION, TON/SQ FT (0.2 0.4 0.6 0.8 1.0 1.2 1.4) / PLASTIC LIMIT — WATER CONTENT, % (10 20 30 40 50 60 70) — LIQUID LIMIT	ELEVATION, FT
			Stiff, gray & tan sandy clay (CL)				
3			Stiff, gray & tan clay, slightly sandy, calcareous (CH)				
7			Firm, gray & tan silty clay (CL)				
9			Gray, clayey fine sand (SC)				
11	10		Very stiff, light gray & tan sandy clay (CL)		117	2.4	
			-hard w/calcareous nodules below 17'	17 Hard w/Cal Nods			
21	20		Tan silty fine sand (SM)	18			
			-layer of sandy clay with calcareous nodules at 24.5'	31			
	30		25 Dense	25			
	40		-clay layers below 40.5' (CH)	30			
43			Very stiff brown clay w/sandy clay & sand seams (CH)	19 Hard	112	2.0	
47	50		Stiff, brown, very silty clay w/silt seams (CL)	25 Stiff	100		
52			Very stiff tan clay (CH)	27 V/Stiff	100	1.7	
	60				97	1.6	
62			Tan clayey silt w/silty clay seams (CL-ML)	12			
67	70		Very stiff tan clay w/vertical sand partings (CH)	28 V/Stiff	96		
73			Very stiff, tan silty clay with silt layers (CL)				
	80		-clay layers below 78'	26 Stiff to V/Stiff	97		
			-stiff below 83'		99		
85							
	90						
	100						

COMPLETION DEPTH: 85'
DATE: December 6, 1959

DEPTH TO WATER IN BORING: 8'

DATE: Dec. 7, 1959

McCLELLAND ENGINEERS