

# BORING LOG



## FROEHLING & ROBERTSON, INC.

FULL SERVICE LABORATORIES • ENGINEERS & CHEMISTS  
"OVER ONE HUNDRED YEARS OF SERVICE"

Report No. Q-73-329 *PC 33-648* DATE November 9, 1989

Client: Allied Terminals *4276228.99 446100.44*

Project: Allied Terminal Expansion - Seaford, Delaware

Boring No.: B-2 Total Depth: 35.0-ft Elevation: INA Location: Upper Terminal

Type of Boring: Hollow Stem Started: 10-26-89 Completed: 10-26-89 Driller: J Burch

Elevation	Depth	DESCRIPTION OF MATERIALS (Classification)	Sample Blows	Sample Depth (Feet)	% Core Recovery	REMARKS
0.0			2			<u>GROUNDWATER DATA</u> Ground water level at 7-feet upon completion.  Approximately 3-inches of organic bearing soils at surface  Test boring located in the field by F & R  Laboratory Test Results Sample: s3 at 5.0 -6.5ft Gradational Analysis Sieve % Passing 3/8" 100 NO. 4 99.9 NO. 10 98.5 NO. 20 89.2 NO. 40 61.5 NO. 60 18.2 NO. 100 5.1 NO. 200 3.0  Natural Moisture: 18.0%
		Brown to dark brown to light brown, moist to wet, loose, fine SAND with a little silt and trace organic material to 1-1/2-ft (SM)	5-5	1.5		
			4			
			3-3	4.0		
5.5		Light brown to tan, very loose to loose, fine to coarse SAND with a trace silt and fine gravel (SP)	3			
			2-2	6.5		
			4			
			3-3	10.0		
			6			
			4-4	15.0		
16.5		Gray, wet, med. dense, fine SAND and SILT with a trace clay and organic material (SM)	4			
			5-7	20.0		
21.5		Dark gray, wet, loose, SILT with some fine sand and trace clay (ML)	5			
			5-5	25.0		
26.0		Tan, wet, loose, fine SAND with a little silt (SM)	4			
29.5		Dark gray to dark brown, wet, stiff, silty CLAY with a little fine sand (CH)	5-7	30.0		
32.5		Orange, wet, med. dense, fine SAND with a little silt (SM)	6			
35.0		Boring terminated at 35.0-feet	6-7	35.0		