

BORING LOG



FROEHLING & ROBERTSON, INC.
 FULL SERVICE LABORATORIES • ENGINEERS & CHEM
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Report No. Q-73-329

PC 33-7 3

DATE November 9, 1989

Client: Allied Terminals

4276239.3

446179.21

Project: Allied Terminal Expansion - Seaford, Delaware

Boring No.: B-7

Total Depth: 30.5-ft

Elevation: INA

Location: Lower Terminal

Type of Boring: Hollow Stem

Started: 10-28-89

Completed: 10-28-89

Driller: Eddie

Elevation	Depth	DESCRIPTION OF MATERIALS (Classification)	Sample Blows	Sample Depth (Feet)	PID	REMARKS	
0.0	0.0						
	1.0	Brown, moist, loose, fine to med.*	3				
			3-1	1.5	0	GROUNDWATER DATA Groundwater level at 1-foot upon completion.	
	3.0	Black, wet, very soft, organic SILT and PEAT (OL)(PT)	1				
			1-2	3.0	0		
		Brown to dark brown, wet, loose, fine SAND with a trace silt and organics (SP-SM)	5			* SAND with a trace silt (SP-SM)	
	6.0		4-6	6.0	0		
		Gray to tan to light brown, loose to med. dense, fine to med. SAND with a trace silt and fine gravel (SP)	0			Test boring located in the field by the client	
			3-7	7.5	0		
			6				
			6-5	9.0	0		
			1				
			1-1	10.5	0	[0] - PID Field headspace, ppm units	
	13.0						
		Light gray, wet, med. dense, fine to med. SAND and SILT with a trace clay and fine gravel (SM)	4				
			8-5	15.5	0		
	17.0						
		Light gray, wet, med. stiff, CLAY with a little silt and a trace of fine sand (CH)	4				
			4-4	20.5	0		
	21.5						
		Light brown to orange, wet, med. dense to dense, fine SAND with a little silt (SM)	0				
			10-15	25.5	0		
			13				
			16-20	30.5	0		
	30.5	Boring terminated at 30.5-feet					

of blows req'd. for a 140 lb. hammer dropping 30 in. to drive 2 in O.D., 1.375 in. I.D. sampler a total of 18 inches in three 6 increments. The sum of the last two increments of penetration is termed the standard penetration resistance, N.

Scale 1"=5' unless otherwise not