

BORING LOG



FROEHLING & ROBERTSON, INC.
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Report No. **Q-73-329**

Pc33-712

1881

DATE **November 9, 1989**

Client: **Allied Terminals**

4276225,5

444/46.06

Project: **Allied Terminal Expansion - Seaford, Delaware**

Boring No.: **B-6** 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					
	1.5	Black to dark brown, moist, med. dense, med to coarse SAND with a *	10 10-10		50	<u>GROUNDWATER DATA</u> Ground water level at 3/4-ft upon completion * little fine gravel and silt (possible fill) (SM) Test boring located in the field by the client. [50] - PID field head-space, ppm units
		Brown, wet, loose, fine to med. SAND with a trace silt	7 5-4	1.5 3.0		
		(SP-SM)	7		4	
		(SP)	4-4		6.0	
	6.0	Light gray, wet, med dense, med to coarse SAND with a trace silt and trace to little gravel (SP)	3 4-7		3	
			6		7.5	
	9.0	Light brown, wet, med. dense, fine to med SAND with a little silt	7-9		1	
			8		9.0	
		(SM)	7-6		10.5	
	13.0	Light gray to light brown to black, wet, med stiff, silty CLAY with some fine sand and trace organic material (CH)	5 3-3		0	
	16.5	Light brown, wet, med dense, med to coarse SAND with a little silt (SM)	8 6-6		20.5	
	22.0	Light gray to orange, wet, dense, fine SAND with a little silt and trace clay (SM)	11 14-17		25.5	
	30.5	Boring terminated at 30.5-feet	14 17-19		30.5	

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 note