

**GUILD DRILLING CO., INC.**  
100 WATER STREET • EAST PROVIDENCE, R.I.

SHEET 1 OF 2

TO **Maguire Group, Inc.**  
PROJECT NAME **Harbor Aquatic Disposal Cell**  
REPORT SENT TO **above / Feasibility Study**

ADDRESS **Foxborough, MA**  
LOCATION **New Bedford, MA**  
OUR JOB NO. **02-011**

HOLE NO. **NBH-3A**  
PROJ. NO. **10421**  
SURF. ELEV. **-7.2' MSL**

GROUND WATER OBSERVATIONS			CASING	SAMPLER	CORE BAR.	DATE
At _____ after _____ Hours	Type	<b>HW-NW</b>	<b>S/S</b>	<b>NV-II</b>	Start	<b>7/12/01</b>
At _____ after _____ Hours	Size I.D.	<b>4" 3"</b>	<b>1-3/8"</b>		Complete	<b>7/13/01</b>
	Hammer Wt.	<b>300#</b>	<b>140#</b>	BIT	Boring Foreman	<b>J. Medeiros</b>
	Hammer Fall	<b>24"</b>	<b>30"</b>	<b>Dia.</b>	Inspector/Engr.	<b>R. SHARPNACK</b>

LOCATION OF BORING

Depth	Casing Blows per foot	Sample Depths From - To	Type of Sample	Blows per 6" on Sampler			Moisture Density or Consist.	Strata Change Elev./Depth	SOIL OR ROCK IDENTIFICATION Remarks include color, gradation, type of soil etc. Rock-color, type, condition, hardness, drilling time, seams, etc.	SAMPLE		
				0-6	6-12	12-18				No.	Pen"	Rec."
5		0.0-2.0	D	Wt.	of	Rods		Black Organic SILT	1	24	6	
		4.0-6.0	D	Wt.	of	Rods		" color change to Gray	2	24	24	
10		9.0-11.0	D	Wt.	of	Rods			3	24	24	
							11.0	PEAT, some organic silt				
15		16.5-18.5	D	8	8	20			4	24	2	
						22	16.0	Brown fine to coarse SAND, some fine to medium gravel, trace silt & shells				
20		21.5-23.5	D	2	3	3			5	24	5	
						8	21.5	Gray fine to coarse SAND, some silt & fine to coarse gravel				
25		26.0-28.0	D	3	2	3			6	24	4	
						5	26.0	Brown coarse to fine SAND, some fine gravel, little silt				
30		31.0-33.0	D	3	3	4			7	24	1	
						5	31.0	Light Brown fine SAND, some silt, little fine gravel				
35		37.0-39.0	D	5	5	6			8	24	0	
						8						

GROUND SURFACE TO _____	USED _____	CASING: _____	THEN _____		
Sample Type D=Drive C=Cored W=Washed UP=Fixed Piston UT=Shelby Tube TP=Test Pit A=Auger OE = Open End Rod *300# hammer	Proportions Used trace 0 to 10% little 10 to 20% some 20 to 35% and 35 to 50%	Cohesionless 0-10 10-30 30-50 50+	140 lb. Wt x 30" fall on 2" O.D. Sampler Density Loose Med. Dense Dense Very Dense	Consistency 0-4 Soft 4-8 M./Stiff 8-15 Stiff 15-30 V-Stiff	SUMMARY: Earth Boring <b>57.5'</b> Rock Coring <b>10'</b> Samples <b>12</b>

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				From 0-6	6-12	To 12-18				No.	Pen"	Rec."
45		41.0-43.0	D	2	3	3			Brown fine SAND, little silt	9	24	8
50		46.0-48.0	D	1	1	2				10	24	12
55		50.0-52.0	D	26	30	33		50.0	Brown weathered GRANITE and silty Sand	11	24	12
60		54.0-54.5	D	100					" color change to Gray with little sand	12	6	4
65		57.5-62.5	C				57.5	GRANITE		C1	60	52
												86.7%
65		62.5-67.5	C				57.5	GRANITE		C2	60	58
												96.7%
							67.5	Bottom of Boring 67.5'				

Min/Ft

5  
5  
6  
6  
5  
5  
5  
5

GROUND SURFACE TO \_\_\_\_\_ USED \_\_\_\_\_ CASING: \_\_\_\_\_ THEN \_\_\_\_\_

**Sample Type**

D=Drive C=Cored W=Washed  
 UP=Fixed Piston UT=Shelby Tube  
 TP=Test Pit A=Auger  
 OE= Open End Rod  
 \* 300# hammer

**Proportions Used**

trace 0 to 10%  
 little 10 to 20%  
 some 20 to 35%  
 and 35 to 50%

Cohesionless  
 0-10  
 10-30  
 30-50  
 50+

140 lb. Wt x 30" fall on 2" O.D. Sampler  
 Density  
 Loose 0-4  
 Med. Dense 4-8  
 Dense 8-15  
 Very Dense 15-30  
 Cohesive  
 Consistency  
 Soft 30 + Hard  
 M./Stiff  
 Stiff  
 V-Stiff

**SUMMARY:**

Earth Boring 57.5'  
 Rock Coring 10'  
 Samples 12

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