Generally medium sand down to 50' then medium to coarse sand with Total Depth = 60' Right

DUFFIELD ASSOCIATES
Consultants in the Geosciences

Qh13-11

Test Well TW-1

Permit No : 212862

The Landings at Pepper Creek
Hydrogeological Evaluation
Dagsboro, DE
Project No : 6143.YC

Date Started	: February 13, 2006	Drilling Equipment	: Truck-mounted Failing
Date Completed	: February 13, 2006	Drilling Methods	: Mud Rotary
Logged by	: JSD	Surface Elevation	: 17.5 feet feet +/- NGVD 29
Weather	: P.Cloudy, 40's	Northing	: 63,647 meters +/- DE SPC NAD 83
Driller/Agency	: Gene/A.C. Schultes	Easting	: 218,248 meters +/- DE SPC NAD 83

Depth in feet	Surf. Elev. 17.5 ft	GRAPHIC	USCS	USDA	DESCRIPTION	SAMPLES	Remarks	Well Construction Details
0			SM	LS	Light brown, grayish brown medium SAND, some to trace silt (silt content decreasing with depth) (coarsening down with depth).		Slight chattering of drill rig at 23 feet.	6" Schedule 40 PVC Solid Well Casing Cement/ Bentonite Grout Approximate 12" diameter borehole Sand Pack - #2 well sand
35	-17.5		SP-SM	LS-S	Gray, light brown fine to medium SAND, trace to little silt.		Chattering of drill rig at 50 feet.	6" Schedule 40 PVC Screened Well Casing - 0.020 slot
50	-32.5		SP-SM	LS-S	Same, but gravelly.			
55	-37.5		SP	S	Gray, light brown medium to very coarse SAND, trace to little silt (coarsening down).			
60	-42.5							End Cap
65								

Test Well
212862
Top of Well Elev. PVC = 20.23
Steel Casing Rim = 20.59
Surf. Elev. 17.5 ft
WATER LEVEL
-0.5
-1.7
-41.8
-42.0

NOTES:
1. Test well installed using mud rotary drilling methods.
2. Soil descriptions based on drill rig performance, soil cuttings and driller observations.