

# FORM 6

Borehole Number: DH-1  
 Surface Elevation (Ft/MSL): 1234.5 (ft)  
 Borehole Diameter: 8 inches, From 10.0' To 45.0'  
6 inches, From 45.0' To 108.0'  
 Total Depth: 108.0 (ft)  
 Depth to Static Ground Water Level (SWL): 18 (ft)  
 Date SWL Measured: 4/15/97 (mm/dd/yy)

Drilling Method: Hollow Stem Auger  
 Date Drilled: 1/10/02 (mm/dd/yy)  
 Drilled By: I. Core  
 Drillers License Number: C12-3456789  
 Logged By: A. Bore  
 County: Highland  
 Township or Municipality: Northwestern

Depth (Ft)	Lithologic Description	Plot	Ground Water * Observations	Samples		Comments	Well/Piezometer Construction	Depth (Ft)
				No.	Rec** Att			
0	Brown Sandy Clay (CL), medium stiff, moist, with occasional gravels			1	1.0/1.5	Winds from south at about 5-10 mph.	Cap with lock	0
5							Cement Collar	5
10	Dark Gray Silty Sand (SM), medium dense to dense, moist to wet		▽	2	1.5/1.5		Sand and gravel mix	10
15							8" borehole	15
20	Upper Freeport		▽	3	1.5/1.5		Pressure grout	20
25							Bentonite seal	25
30	Blue-Gray Gravelly Sand (SP), very dense, saturated			4	0.5/1.5	Very slow drilling		30
35								Holeplug seal
40	Lower Freeport			5	1.0/1.5		40	
45							2" PVC solid casing	45
50	Brown Sandstone closely space fractures, moderately hard, moderately strong, highly weathered							
55							55	
60								60

\* ▽ Encountered Ground Water      ▽ Composite Static Water Level      \*\* Recovered/Attempted

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60	Upper Kittanning						<p>Coarse sandpack</p> <p>Bentonite seal</p> <p>1" Schedule 40 PVC 0.02" slotted screen</p> <p>Native cuttings</p>	60
65	Brown Sandstone					65		
70						70		
75						75		
80						80		
85						85		
90	Middle Kittanning #3					90		
95	Brown Sandstone					95		
100						100		
105						105		
110						110		
115						115		
120						120		

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