

FORM 6

I.D.No. _____

Borehole Number: MWM-4D
 Surface Elevation (Ft/MSL): 1696.41' (ft)
 Borehole Diameter: 12 1/4" inches, From 0.0' To 31.0'
7 7/8" inches, From 31.0' To 135.0'
 Total Depth: 135.0' (ft)
 Depth to Static Ground Water Level (SWL): 124.45' (ft)
 Date SWL Measured: 10/29/90 (mm/dd/yy)

Drilling Method: AIR ROTARY-TRI-CONE ROLLER BIT
 Date Drilled: 10/19/90 - 10/22/90 (mm/dd/yy)
 Drilled By: HETAGER DRILLING CO.
 Drillers License Number: 1728
 Logged By: PCM
 County: JEFFERSON COUNTY
 Township or Municipality: PINE CREEK

Depth (ft)	Uthologic Description	Plot	Ground Water Observations	Samples No. Rec'd	Comments	Well/Piezometer Construction	Depth (ft)
0	MINE SPOIL-LIGHT BROWN TO DARK BROWN, SILTY CLAY, GRAY SANSTONE FRAGMENTS, SHALE AND CARBONACEOUS SHALE FRAGMENTS				DAMP		0
5							5
10							10
15							15
20	22.0' MEDIUM HARD, INTACT COAL 23.5'				DAMP		20
25	VERY SOFT, DARK GRAY CLAYSTONE, (UNDERCLAY) 26.0'				TOP OF ROCK 22.0' DRY		25
30	SOFT, LIGHT GRAY CLAYSTONE				DRY		30
35	32.0' MEDIUM HARD, GRAY TO DARK GRAY, SANDY SHALE 35.0'				INSTALLED 8" STEEL CASING TO 31.0'		35
40	SOFT, DARK GRAY, CLAYSTONE 36.0'				STOPPED TO ALLOW GROUT TO SET		40
45	MEDIUM HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE 39.0'						45
50	MEDIUM HARD, GRAY, SANDY SHALE 41.0'						50
55	SOFT, GRAY, FINE GRAINED, MICACEOUS SANDSTONE, INTERBEDDED WITH MEDIUM HARD, BROWN, COARSE GRAINED SANDSTONE						55
60	53.0' MEDIUM HARD, DARK GRAY, SANDY SHALE 56.0'						60
	SOFT, BLACK COAL 58.4'						
	MEDIUM HARD, GRAY, SANDY SHALE 58.0'						
	SEE NEXT PAGE						

* ▽ Encountered Ground Water ▽ Composite Static Water Level

**Recovered/Attempted

F-256

SLW 5/2/91 (3)

Use additional sheets with this format as necessary