

FORM 8

I.D.No. _____

Borehole Number: TB-3
 Surface Elevation (Ft./MSL): 1617.81' (ft)
 Borehole Diameter: 6" Inches, From 0.0' To 10.5'
3 1/2" Inches, From 10.5' To 115.0'
 Total Depth: 115.0' (ft)
 Depth to Static Ground Water Level (SWL): 33.6' (ft)
 Date SWL Measured: 11/21/89 (mm/dd/yy)

Drilling Method: HOLLOW STEM AUGER & NX WIRELINE
 Date Drilled: 11/20/89 (mm/dd/yy)
 Drilled By: HETAGER DRILLING CO.
 Drillers License Number: 1728
 Logged By: WAB
 County: JEFFERSON COUNTY
 Township or Municipality: PINE CREEK

Depth (Ft)	Lithologic Description	Plot	Ground Water* Observations	Samples No. Back to Alt	Comments	Well/Piezometer Construction	Depth (Ft)
60	MEDIUM HARD, GRAY SHALE, LAMINATED WITH THIN SANDSTONE STREAKS, SLIGHTLY BROKEN TO UNBROKEN, CARBONACEOUS, FRESH 82.6'			6 10.0' / 10.0'			60
65							65
70	MEDIUM HARD TO HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE, IRREGULAR CARBONACEOUS SHALE STREAKS AND CLASTS, SLIGHTLY BROKEN TO UNBROKEN, FRESH 93.0'			7 10.0' / 10.0'	FRACTURES ARE MOSTLY NEAR HORIZONTAL AND FRESH		70
75							75
80				8 10.0' / 10.0'	TRACE CLAY FRACTURE-FILL		80
85							85
90	MEDIUM HARD TO HARD, LIGHT TO MEDIUM GRAY, WHITE, MEDIUM TO COARSE GRAINED SANDSTONE, SLIGHTLY BROKEN TO UNBROKEN, SOME COAL SPARS, TRACE THIN SHALE STREAKS 105.8'			9 10.0' / 10.0'	FLINT CLAY FRACTURES		90
95							95
100	MEDIUM HARD, MEDIUM-DARK GRAY SHALE, UNBROKEN TO SLIGHTLY BROKEN CARBONACEOUS 109.1'			10 10.0' / 10.0'	~20° DIP		100
105							105
110	SOFT, BLACK COAL, SOME SHALE BINDER, BROKEN TO VERY BROKEN, PYRITIC 111.1'			11 10.0' / 10.0'	MERCER COAL (109.1' TO 111.1')		110
115	MEDIUM HARD, MEDIUM-DARK GRAY SHALE, UNBROKEN, CARBONACEOUS 115.0'						115
120	BOTTOM OF BORING 115.0'				NO LOSS OR GAIN IN WATER RETURN OBSERVED	BORING TREMIE GROUTED WITH CEMENT/BENTONITE MIXTURE UPON COMPLETION OF BEDROCK PRESSURE TESTING	120

* ∇ Encountered Ground Water ∇ Composite Static Water Level

**Recovered/Attempted

F-256
SLW 2/15/91

Use additional sheets with this format as necessary

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