

FORM 6

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)	Uthologic Description	Plot	Ground Water Observations	Sample No.	Rec'd At	Comments	Well/Piezometer Construction	Depth (Ft)
0	SOFT, GRAY BROWN CLAYEY SILT AND SAND (TOPSOIL) 0.2'			1	14/18	DRY		0
5	MEDIUM DENSE, BROWN-ORANGE, FINE, SILTY SAND AND SANDSTONE			2	13/18	WET AT 5.0'		5
10	FRAGMENTS, TRACE CLAYEY SILT 10.5'			3	9/18	10.5' TOP OF BEDROCK		10
15	MEDIUM HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE, CROSS BEDDED, SOME THIN SHALE STREAKS, SLIGHTLY BROKEN TO UNBROKEN, MODERATELY WEATHERED			1	5.5'/5.5'	AUGER REFUSAL AT 10.5' FRACTURES ARE OPEN AND HEAVILY IRON STAINED (10.5' TO ~25.0') MOST FRACTURES DIP 10' TO 20'		15
20				2	10.0'/10.0'			20
25						TRACE COAL SPARS THIN CLAYSTONE STREAKS (25.0' TO 25.2') CARBONACEOUS		25
30				3	10.0'/10.0'	LESS IRON STAINING ALONG OPEN FRACTURES (FRESH) MOST FRACTURES ARE NEAR HORIZONTAL		30
35						MOST FRACTURES ARE NEAR HORIZONTAL AND FRESH		35
40	SOFT TO MEDIUM HARD, GRAY SHALE, SLIGHTLY TO VERY BROKEN, CARBONACEOUS 46.7'			4	9.0'/9.0'	ABUNDANT RIPPLED COAL SPARS TRACE SHALE RIP-UP CLASTS		40
45	SOFT, BLACK COAL, BROKEN, SOME CARBONACEOUS SHALE BINDER, TRACE PYRITE 56.2'							45
50	MEDIUM HARD, GRAY CLAYSTONE MASSIVE, SLIGHTLY BROKEN TO UNBROKEN 59.7'			5	10.0'/10.0'	TRACE SOFT CLAY FRACTURES FILL		50
55				6	10.0'/10.0'	BROOKVILLE COAL (56.2' TO 58.2')		55
60	SEE NEXT PAGE							60

* ∇ Encountered Ground Water ∇ Composite Static Water Level

**Recovered/Attempted

F-256
SLW 2/15/91

Use additional sheets with this format as necessary

(2)