

## FORM 8

I.D.No. \_\_\_\_\_

Borehole Number: TB-5  
 Surface Elevation (Ft/MSL): 1721.34' (ft)  
 Borehole Diameter: 6" Inches, From 0.0' To 62.0'  
3 1/2" Inches, From 62.0' To 201.0'  
 Total Depth: 201.0' (ft)  
 Depth to Static-Ground Water Level (SWL): 73.2' (ft)  
 Date SWL Measured: 12/19/89 (mm/dd/yy)

Drilling Method: HOLLOW STEM AUGER & NX WIRELINE  
 Date Drilled: 11/14/89 - 11/19/89 (mm/dd/yy)  
 Drilled By: HETAGER DRILLING CO.  
 Drillers License Number: 1728  
 Logged By: MJG  
 County: JEFFERSON COUNTY  
 Township or Municipality: PINE CREEK

| Depth (Ft) | Lithologic Description                                                                                                                          | Plot | Ground Water# Observations | Sample No. | Sample Desc. & Ht | Comments                                                  | Well/Piezometer Construction | Depth (Ft) |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------|------------|-------------------|-----------------------------------------------------------|------------------------------|------------|
| 60         | SEE PREVIOUS PAGE<br>62.0'                                                                                                                      |      |                            |            |                   |                                                           |                              | 60         |
| 65         | MEDIUM HARD, GRAY SANDY CLAYSTONE, SLIGHTLY BROKEN TO UNBROKEN, MASSIVE 65.4'                                                                   |      |                            | 1          | 2.0' / 2.0'       | AUGER REFUSAL<br>LOST CIRCULATION AT<br>START OF CORING   |                              | 65         |
| 70         | MEDIUM HARD, GRAY, INTERBEDDED SHALE AND FINE GRAINED SANDSTONE                                                                                 | ▽    |                            | 2          | 10.0' / 10.0'     |                                                           |                              | 70         |
| 75         |                                                                                                                                                 |      |                            | 3          | 10.0' / 10.0'     |                                                           |                              | 75         |
| 80         | MEDIUM HARD, GRAY - BROWN, FINE TO MEDIUM GRAINED SANDSTONE, SLIGHTLY BROKEN TO UNBROKEN, TRACE OF CARBONACEOUS, SOME SHALE STREAKS, COAL SPARS |      |                            | 4          | 10.0' / 10.0'     | 89.8' TO 90.0' COAL SEAM<br>OPEN FRACTURE - NO IRON STAIN |                              | 80         |
| 85         |                                                                                                                                                 |      |                            | 5          | 10.0' / 10.0'     |                                                           |                              | 85         |
| 90         |                                                                                                                                                 |      |                            | 6          | 10.0' / 10.0'     |                                                           |                              | 90         |
| 95         |                                                                                                                                                 |      |                            | 7          | 10.0' / 10.0'     |                                                           |                              | 95         |
| 100        |                                                                                                                                                 |      |                            |            |                   |                                                           |                              | 100        |
| 105        |                                                                                                                                                 |      |                            |            |                   |                                                           |                              | 105        |
| 110        |                                                                                                                                                 |      |                            |            |                   |                                                           |                              | 110        |
| 115        |                                                                                                                                                 |      |                            |            |                   |                                                           |                              | 115        |
| 120        | MEDIUM HARD COAL, VERY BROKEN 118.0'                                                                                                            |      |                            |            |                   | BROOKVILLE COAL                                           |                              | 120        |

\* ▽ Encountered Ground Water ▽ Composite Static Water Level

\*\*Recovered/Attempted

F-256  
SLW 2/15/91

Use additional sheets with this format as necessary