

## FORM 6

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

Borehole Number: TB-29  
 Surface Elevation (Ft./MSL): 1829.77' (ft)  
 Borehole Diameter: 6" Inches, From 0.0' To 9.0'  
3 1/2" Inches, From 9.0' To 219.0'  
 Total Depth: 219.0' (ft)  
 Depth to Static Ground Water Level (SWL): 160.0' (ft)  
 Date SWL Measured: 1/25/90 (mm/dd/yy)

Drilling Method: HOLLOW STEM AUGER & NX WIRELINE  
 Date Drilled: 1/24/90 - 1/25/90 (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) | Uthologic Description                                                                                                  | Plot | Ground Water Observations | Sample No. | Sample Depth (ft) | Comments                       | Well/Piezometer Construction | Depth (ft) |
|------------|------------------------------------------------------------------------------------------------------------------------|------|---------------------------|------------|-------------------|--------------------------------|------------------------------|------------|
| 120        | MEDIUM HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE WITH SHALE STREAKS                                                 |      |                           | 12         | 10.0' / 10.0'     |                                |                              | 120        |
| 125        | CARBONACEOUS, SLIGHTLY BROKEN TO UNBROKEN                                                                              |      |                           |            |                   |                                |                              | 125        |
| 130        | 132.0'                                                                                                                 |      |                           |            |                   |                                |                              | 130        |
| 135        | MEDIUM HARD, GRAY, SANDY CLAYSTONE, SLIGHTLY BROKEN TO UNBROKEN                                                        |      |                           | 13         | 10.0' / 10.0'     | 132.0' TO 132.2' COAL SEAM     |                              | 135        |
| 140        | MEDIUM HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE, MASSIVE, UNBROKEN TO SLIGHTLY BROKEN                              |      |                           | 14         | 10.0' / 10.0'     |                                |                              | 140        |
| 145        |                                                                                                                        |      |                           |            |                   |                                |                              | 145        |
| 150        |                                                                                                                        |      |                           |            |                   | 149.0' TO 160.3' SHALE STREAKS |                              | 150        |
| 155        |                                                                                                                        |      |                           | 15         | 10.0' / 10.0'     |                                |                              | 155        |
| 160        | 160.3'                                                                                                                 |      | ▽                         |            |                   | NO IRON STAINING IN JOINTS     |                              | 160        |
| 165        | MEDIUM HARD, GRAY SHALE, VERY BROKEN                                                                                   |      |                           | 16         | 10.0' / 10.0'     |                                |                              | 165        |
| 170        | 164.4'                                                                                                                 |      |                           |            |                   |                                |                              | 170        |
| 175        | SOFT, BLACK COAL                                                                                                       |      |                           |            |                   |                                |                              | 175        |
| 180        | 166.7'                                                                                                                 |      |                           |            |                   |                                |                              | 180        |
|            | MEDIUM HARD, GRAY CLAYSTONE, UNBROKEN TO BROKEN                                                                        |      |                           |            |                   |                                |                              |            |
|            | 172.0'                                                                                                                 |      |                           |            |                   |                                |                              |            |
|            | MEDIUM HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE, CARBONACEOUS, SHALE STREAKS, MASSIVE, SLIGHTLY BROKEN TO UNBROKEN |      |                           | 17         | 10.0' / 10.0'     |                                |                              |            |

\* ▽ Encountered Ground Water ▽ Composite Static Water Level

\*\*Recovered/Attempted