

FORM 6

I.D.No. _____

Borehole Number: MWK-4D
 Surface Elevation (Ft/MSL): 1693.16' (ft)
 Borehole Diameter: 12 1/4" inches, From 0.0' To 27.1'
7 7/8" inches, From 27.1' To 65.0'
 Total Depth: 65.0' (ft)
 Depth to Static Ground Water Level (SWL): 43.14' (ft)
 Date SWL Measured: 10/29/90 (mm/dd/yy)

Drilling Method: AIR ROTARY-TRI-CONE ROLLER BIT
 Date Drilled: 10/22/90 - 10/23/90 (mm/dd/yy)
 Drilled By: HETAGER DRILLING CO.
 Driller's License Number: 1728
 Logged By: PCM
 County: JEFFERSON COUNTY
 Township or Municipality: PINE CREEK

Depth (Ft)	Lithologic Description	Plot	Ground Water* Observations	Samples No. <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>11</u> <u>12</u> <u>13</u> <u>14</u> <u>15</u> <u>16</u> <u>17</u> <u>18</u> <u>19</u> <u>20</u> <u>21</u> <u>22</u> <u>23</u> <u>24</u> <u>25</u> <u>26</u> <u>27</u> <u>28</u> <u>29</u> <u>30</u> <u>31</u> <u>32</u> <u>33</u> <u>34</u> <u>35</u> <u>36</u> <u>37</u> <u>38</u> <u>39</u> <u>40</u> <u>41</u> <u>42</u> <u>43</u> <u>44</u> <u>45</u> <u>46</u> <u>47</u> <u>48</u> <u>49</u> <u>50</u> <u>51</u> <u>52</u> <u>53</u> <u>54</u> <u>55</u> <u>56</u> <u>57</u> <u>58</u> <u>59</u> <u>60</u>	Comments	Well/Piezometer Construction	Depth (Ft)
0	MINE SPOIL-LIGHT BROWN TO DARK BROWN, SILTY CLAY, GRAY SANDSTONE				DAMP		0
5	FRAGMENTS, SHALE & CARBONACEOUS SHALE FRAGMENTS, WOOD FRAGMENTS 5.0'				DAMP		5
10	SOFT, BLACK SHALE, VERY CARBONACEOUS 8.0'						10
15	VERY SOFT, BROWN CLAYSTONE 18.5'						15
20	MEDIUM HARD, INTACT COAL 20.5'				DRY		20
25	VERY SOFT, DARK GRAY CLAYSTONE (UNDER CLAY) 23.0'				DRY		25
30	SOFT, LIGHT GRAY CLAYSTONE 29.0'						30
35	MEDIUM HARD, GRAY TO DARK GRAY SHALE, SOME FINE SAND 32.0'				SET 8" CASING TO 30.0'		35
40	SOFT, DARK GRAY CLAYSTONE 33.0'						40
45	MEDIUM HARD TO HARD, GRAY TO BROWN, FINE TO COARSE GRAINED SANDSTONE, MICACEOUS						45
50	50.0'						50
55	MEDIUM HARD, DARK GRAY, SANDY SHALE, CARBONACEOUS 55.0'						55
60	SEE NEXT PAGE				MOIST AT 58.0'		60

* Encountered Ground Water Composite Static Water Level

**Recovered/Attempted