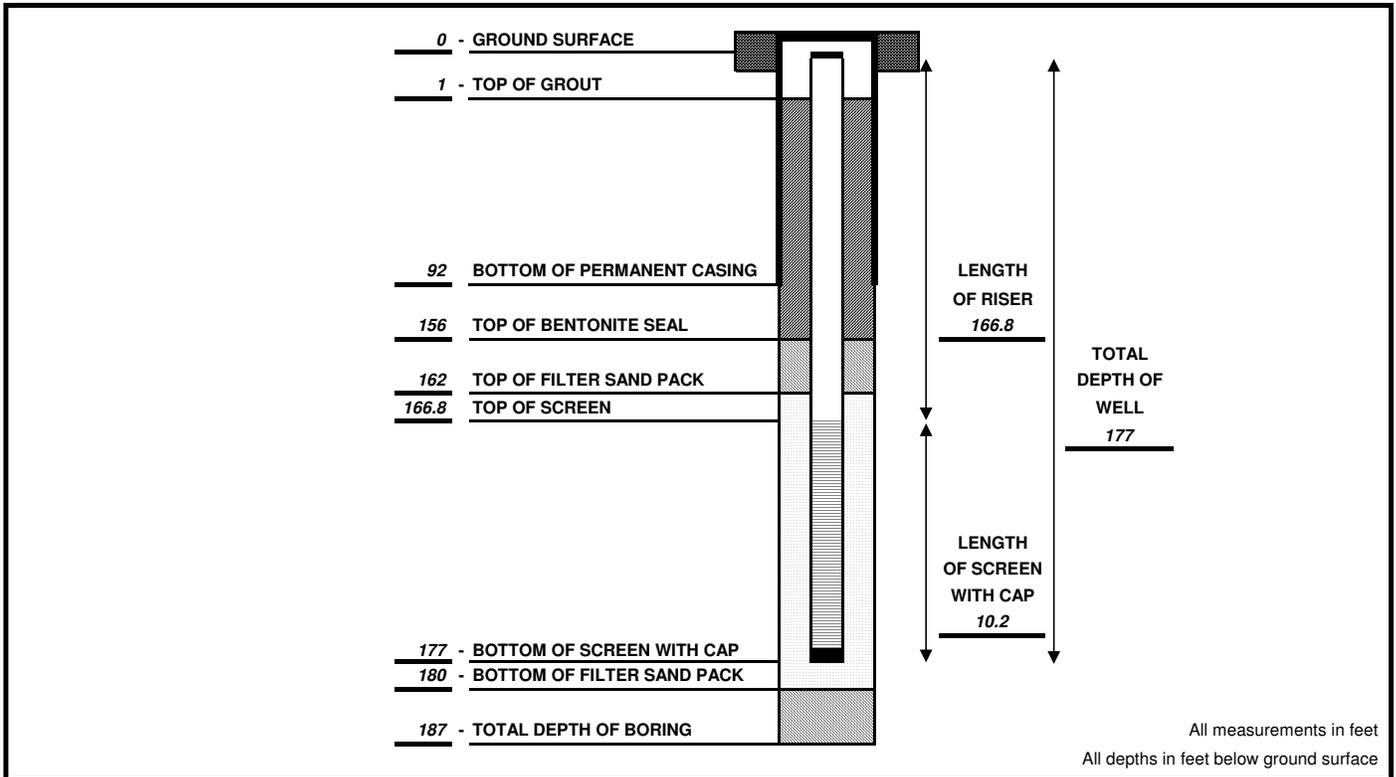




|                             |                           |                          |                     |                 |                  |
|-----------------------------|---------------------------|--------------------------|---------------------|-----------------|------------------|
| <b>Project Name</b>         | <u>Memphis Depot</u>      | <b>Project Number</b>    | <u>334469.SA.HS</u> | <b>Northing</b> | <u>281005.44</u> |
| <b>Project Location</b>     | <u>Memphis, Tennessee</u> | <b>Start Date / Time</b> | <u>9/6/2007</u>     | <b>Easting</b>  | <u>801630.89</u> |
| <b>Well / Piezometer ID</b> | <u>MW-234</u>             | <b>End Date / Time</b>   | <u>9/16/2007</u>    |                 |                  |

|                                 |  |                                       |  |
|---------------------------------|--|---------------------------------------|--|
| <b>Ground Surface Elevation</b> | <u>291.71</u>  | <b>Static Water Level (ft btoc)</b>   | <u>139.57</u>                              |
| <b>Top of Casing Elevation</b>  | <u>291.50</u>  | <b>Measured On</b>                    | <u>9/24/2007</u>                           |
| <b>Concrete Pad</b>             |  | <b>Filter Pack Type</b>               | <u>20 / 40</u>                             |
| <b>Dimensions</b>               | <u>3 x 3 ft</u>  | <b>Manufacturer</b>                   | <u>Southern Filter Media</u>               |
| <b>Drain Tube</b>               | <u>N</u>   | <b>Amount Sand Used</b>               | <u>4 X 50-lb bag(s)</u>                    |
| <b>Well Casing</b>              |  | <b>Bentonite Type</b>                 | <u>3/8" Chips / Bentonite Powder (Gel)</u> |
| <b>Diameter</b>                 | <u>2"</u>  | <b>Manufacturer</b>                   | <u>DSI SHUR-PLUG / DSI PURE-GEL</u>        |
| <b>Material</b>                 | <u>Schedule 40 PVC</u>                                       | <b>Amount Bentonite Below Screen</b>  | <u>1 X 50-lb bag(s)</u>                    |
|                                 |  | <b>Amount Bentonite Used (Seal)</b>   | <u>3/4 X 50-lb bag(s)</u>                  |
| <b>Screen</b>                   |  | <b>Cement Type</b>                    | <u>Portland Type I</u>                     |
| <b>Diameter</b>                 | <u>2"</u>  | <b>Manufacturer</b>                   | <u>Ash Grove</u>                           |
| <b>Material</b>                 | <u>Schedule 40 PVC</u>                                       | <b>Amount Cement Used (Grout)</b>     | <u>12 X 92.6-lb bag(s)</u>                 |
| <b>Slot Size</b>                | <u>0.01</u>  | <b>Density of Grout</b>               | <u>12.4 lbs/gal</u>                        |
| <b>Permanent Casing</b>         |  | <b>Cement Type (Permanent Casing)</b> | <u>Portland Type I</u>                     |
| <b>Diameter</b>                 | <u>6"</u>  | <b>Manufacturer</b>                   | <u>Ash Grove</u>                           |
| <b>Material</b>                 | <u>Schedule 80 PVC</u>                                       | <b>Amount Cement Used (Grout)</b>     | <u>15 X 92.6-lb bag(s)</u>                 |
|                                 |  | <b>Density of Grout</b>               | <u>12.0 lbs/gal</u>                        |
| <b>Drilling Technique</b>       | <u>Rotosonic (R<sub>1</sub>) / Rotosonic (R<sub>2</sub>)</u> |                                       |  |
| <b>Auger/Bit Size and Type</b>  | <u>(R<sub>1</sub>) 4" Core / 6"; 9.25" Casing</u>            |                                       |  |
| <b>Auger/Bit Size and Type</b>  | <u>(R<sub>2</sub>) 3" Core / 5.75" Casing</u>                |                                       |  |
| <b>Borehole Diameter</b>        | <u>(R<sub>1</sub>) 9.5" / (R<sub>2</sub>) 6"</u>             |                                       |  |
|                                 | <b>Drilling Contractor</b>                                   | <u>Boart Longyear</u>                 |  |
|                                 | <b>CH2M HILL Field Representative</b>                        | <u>Derek Miller</u>                   |  |

**Remarks** Grout Mix Ratio: 1 X 92.6-lb cement, 8 gals water, ~1 lbs bentonite gel



All measurements in feet  
All depths in feet below ground surface

|                |                       |                                |                    |   |
|----------------|-----------------------|--------------------------------|--------------------|---|
| <b>QA / QC</b> | <b>DRILLER:</b>       | <u>C. Herron / T. Overcash</u> | <b>INSPECTOR:</b>  | <u>Derek Miller</u>                             |
|                | <b>DISCREPANCIES:</b> |                                | <b>CHECKED BY:</b> | <u>D. Nelson</u> <b>DATE:</b> <u>10/20/2007</u> |