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|  MWH MWH Americas, Inc. 335 Phoenixville Pike Malvern, Pennsylvania 19355 | Boring ID: 1F Page 1 of 3 | |
| | Project Name: from URS gINT database urs_excel_3_19_06.gpj Location: Delaware City, DE Project Number: Date Started: 11/1/2002 Date Finished: 11/1/2002 Drilling Method: Hollow Stem Auger Sampling Method: State Permit Number: NA | Boring Location: Delaware City Refinery Drilling Company: Walton Corporation (Gary Truver Sr.) Ground Elevation (ft/msl): 59.8 Total Depth (ft): 74.0' Boring Diameter (in): " Water Level During Drilling (ft/bgs): Not Measured Weather Conditions: Logged By: Vince Piazza |

| Depth (feet) | Blow Counts | Recovery (inches) | PID (ppm) | Sample ID | Sample Interval | USCS | Lithology | Lithologic Description | Well Diagram | Remarks |
|--------------|-------------|-------------------|-----------|-----------|-----------------|-------|-----------|--|--------------|---------|
| 0 | | | | | | TDPSO | | 0' - 0.8' Topsoil | | |
| | | | | | | ML | | 0.8' - 5' brown SILT + trace fine SAND | | |
| 5 | | | | | | SM | | 5' - 17' brown, fine to coarse SAND, SILT and fine to coarse rounded GRAVEL, several 1" ironstone layers | | |
| 10 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 20 | | | | | | SM | | 17' - 67' brown, fine to coarse SAND, SILT and fine to coarse GRAVEL, several 1" ironstone layers | | |
| 25 | | | | | | | | | | |
| 30 | | | | | | | | | | |



| Depth (feet) | Blow Counts | Recovery (inches) | PID (ppm) | Sample ID | Sample Interval | USCS | Lithology | Lithologic Description | Well Diagram | Remarks |
|--------------|-------------|-------------------|-----------|-----------|-----------------|------|-----------|------------------------|--------------|---------|
| 30 | | | | | | | | | | |
| 35 | | | | | | | | | | |
| 40 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 50 | | | | | | | | | | |
| 55 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 65 | | | | | | | | | | |



| Depth (feet) | Blow Counts | Recovery (inches) | PID (ppm) | Sample ID | Sample Interval | USCS | Lithology | Lithologic Description | Well Diagram | Remarks |
|--------------|-------------|-------------------|-----------|-----------|-----------------|------|-----------|---|--------------|---------|
| 70 | | | | | | SM | | 67' - 70' brown, fine to coarse SAND, SILT and fine to coarse GRAVEL, several 1" ironstone layers | | |
| 75 | | | | | | CL | | 70' - 74' dark gray CLAY and little very fine SAND + trace mica | | |
| 80 | | | | | | | | | | |
| 85 | | | | | | | | | | |
| 90 | | | | | | | | | | |
| 95 | | | | | | | | | | |
| 100 | | | | | | | | | | |