



MWH Americas, Inc.
335 Phoenixville Pike
Malvern, Pennsylvania 19355

Boring ID: 2I

Dc53-125

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| | |
|--|---|
| Project Name: from URS gINT database urs_excel_3_19_06.gpj | Boring Location: Delaware City Refinery |
| Location: Delaware City, DE | Drilling Company: 0 |
| Project Number: | Ground Elevation (ft/msl): 13.2 |
| Date Started: 11/18/2002 | Total Depth (ft): 40.0' |
| Date Finished: 11/18/2002 | Boring Diameter (in): " |
| Drilling Method: Hollow Stem Auger | Water Level During Drilling (ft/bgs): Not Measured |
| Sampling Method: | Weather Conditions: |
| State Permit Number: NA | Logged By: |

| Depth (feet) | Blow Counts | Recovery (inches) | PID (ppm) | Sample ID | Sample Interval | USCS | Lithology | Lithologic Description | Well Diagram | Remarks |
|--------------|-------------|-------------------|-----------|-----------|-----------------|---------|-----------|--|--------------|---------|
| 0 | | | | | | topsoil | | 0' - 1' Topsoil | | |
| | | | | | | CL | | 1' - 4' brown CLAY and little SILT + trace very fine SAND | | |
| 5 | | | | | | SW-SM | | 4' - 10' orange-brown, fine to medium SAND and little SILT | | |
| 10 | | | | | | SW | | 10' - 13.5' orange-brown, fine to medium SAND and fine to coarse, subrounded to rounded GRAVEL | | |
| 15 | | | | | | SW | | 13.5' - 28.5' brown, fine to medium SAND + trace fine, rounded GRAVEL | | |
| 20 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 30 | | | | | | SW-SM | | 28.5' - 36.5' gray, fine to medium SAND and SILT | | |



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DC 53-123

| Depth (feet) | Blow Counts | Recovery (inches) | PID (ppm) | Sample ID | Sample Interval | USCS | Lithology | Lithologic Description | Well Diagram | Remarks |
|--------------|-------------|-------------------|-----------|-----------|-----------------|------|-----------|------------------------------|--------------|---------|
| 30 | | | | | | | | | | |
| 35 | | | | Q | | | | | | |
| 36.5 | | | | 36.5 - | | CL | | 36.5' - 40' gray, stiff CLAY | | |
| 40 | | | | km? | | | | | | |
| 45 | | | | | | | | | | |
| 50 | | | | | | | | | | |
| 55 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 65 | | | | | | | | | | |