Boring No.: HMW-2A

Date Started: 03-15-16
Date Completed: 03-17-16

Casing Type/Diameter: PVC / 1"
Screen Type/Slot: PVC Prepack / 0.010"
Sand Pack/Type: 20/40 Silica
Grout Type/Quantity: Bentonite Slurry

Drilled Depth to Water: 26.5 Feet BLS
Total Depth: 40 Feet BLS

Survey Coordinates: 30.25591119, -91.94250228; lithology inferred from HMW-2/2R for 0-25’ BLS

Remarks:

Lithologic Description:

Depth | U.S.C.S | Screened | Graphic Log | Conductivity (mS/cm) |
--- | --- | --- | --- | ---|
0 | CL | | | 0.58 |
0.2 | CL | | | 1.08 |
0.1 | CL | | | 1.16 |
0.2 | CL | | | 1.00 |
0.2 | CL | | | 1.07 |
0.4 | CL | | | 0.84 |
1.0 | CL | | | 0.89 |
39.5 | CL | | | 0.71 |
46.1 | CL | | | 0.62 |
10.9 | CL | | | 0.63 |
1.8 | CL | | | 0.74 |

Clay, moderate silt content, brown, low moisture, low to moderate density, Iron and Manganese nodules
Clay, moderate silt content, brown and grey, low moisture, low to moderate density, Iron and Manganese nodules
Silt, moderate clay content, grey, moderate moisture to saturated, low density
Clay, moderate silt content, grey, low to moderate moisture, low density
Silt, moderate clay content, grey, moderate moisture to saturated, low density
Clay, moderate silt content, reddish brown, low moisture, low to moderate density
Clay, minor very fine grained sand content, brown, low moisture, low to moderate density, Iron nodules
HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Environmental Consultants
91 Apollo Road
Scott, Louisiana 70583
(337) 261-1963 Fax (337) 261-1953

PROJECT NAME

DATE COMPLETED 03-17-16
DATE STARTED 03-15-16

CASING TYPE/DIAMETER PVC / 1"
SCREEN TYPE/SLOT PVC Prepack / 0.010"
SAND PACK/TYPE 20/40 Silica
GROUT TYPE/QUANTITY Bentonite Slurry
TOTAL DEPTH 40 Feet BLS
DRILLED DEPTH TO WATER 26.5 Feet BLS

PROJECT NUMBER 1009.54
LOCATION Anse La Butte, LA
DRILLING METHOD Geoprobe 6712DT
GROUND ELEVATION 19.53'
TOP OF CASING 22.36'
LOGGED BY Donald Watts
REMARKS Survey Coordinates: 30.25591119, -91.94250228; lithology inferred from HMW-2/2R for 0-25' BLS

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<th>PID (ppm)</th>
<th>SCREENED INTERVAL</th>
<th>SAMPLE TIME</th>
<th>SAMPLE ID.</th>
<th>DEPTH (FT BLS)</th>
<th>U.S.C.S</th>
<th>GRAPHIC LOG</th>
<th>CONDUCTIVITY (mS/cm)</th>
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LITHOLOGIC DESCRIPTION

- CL: Clay, minor very fine grained sand content, brown, low moisture, low to moderate density, Iron nodules
- SM: Sand very fine grained, moderate silt content, grey and brown, saturated, low density, 2" clay lenses at 32.6' and 32.8'
- ML: Silt, grey and brown, saturated, low density, clay lenses throughout
- ML: Silt, brown, saturated, low density