



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-209B

TOTAL DEPTH: 121 ft.

PROJECT INFORMATION

PROJECT: Phase 2 Wells and April LTM Report

PROJECT NO.: 3202-019

SITE LOCATION: MI

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Anstaett

BOREHOLE STARTED: 4/3/2007 13:30

BOREHOLE FINISHED: 4/4/2007 10:45

DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: J. Asua

DRILLING METHOD/RIG: Sonic

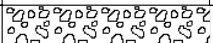
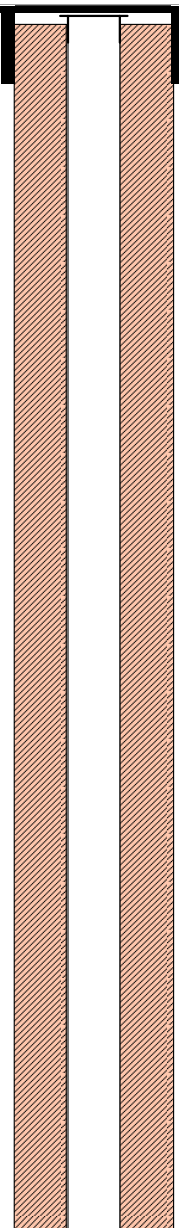




BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 298.72 (ft, msl)

WATER DEPTH/ DATE: 101.59-ft. toc -5/4/07

BOREHOLE USE: Monitoring Well

NOTES:

| Depth | Soil Symbol | Soil Description | Well Completion | Well Description |
|-------|---|--|--|------------------|
| |  | Gravel and rocks. |  | Grouted Annulus |
| |  | CL Silty clay - brown 7.5 YR (4/4), low plasticity, moist. | | |
| 10 |  | CL Silty clay - brown 7.5 YR (4/4), medium plasticity, moist. | | |
| 20 |  | CL Silty clay - brown 7.5 YR (4/4), low plasticity, moist. | | |
| 30 |  | CL Silty clay - brown 7.5 YR (4/4), medium plasticity, moist. | | |

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|-------|-------------|--|-----------------|------------------|
| | | CL Sandy clay - red 2.5 YR (4/6), low plasticity, fine grained sand, moist. | | |
| 40 | | CL Sandy clay - red 2.5 YR (4/8), low plasticity, fine grained sand, moist. | | |
| | | SP Sand - reddish yellow 7.5 YR (7/8), with few gravel, fine to medium grained sand, sub-rounded gravel, poorly graded, dry. | | |
| | | SW Gravely sand - yellowish red 5YR (5/6), fine to coarse grained sand, sub-rounded to sub-angular gravel, well graded, dry. | | |
| 50 | | SP Silty sand - reddish yellow 5YR (7/6), few gravel, fine grained sand, sub-rounded gravel, poorly graded, dry. | | |
| 60 | | SW Gravely sand - yellowish red 5YR (5/8), fine to coarse grained sand, sub-rounded gravel, well graded, moist. | | |

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| Depth | Soil Symbol | Soil Description | Well Completion | Well Description |
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| | | | | |
| | | ML Gravely Silt - light gray 5YR (7/1), possible silt stone, sub-rounded gravel, dry. | | |
| | | SW Gravely sand - red 5YR (5/8), fine to course grained sand, sub-rounded to sub-angular gravel, well graded, moist. | | |
| | | SW Gravely sand - yellowish red 5YR (5/8), fine to course grained sand, sub-rounded to sub-angular gravel, well graded, moist. | | |
| 70 | | | | |
| | | SW Gravely sand - yellowish red 5YR (5/8), fine to course grained sand, sub-rounded to sub-angular gravel, well graded, moist. | | |
| | | MH Gravely silt - light gray 10YR (7/2), possible silt stone, sub-rounded gravel, dry. | | |
| 80 | | | | |
| | | SW Gravely sand - yellow 10YR (8/6), with silt, fine to course grained sand, sub-rounded gravel, well graded, dry. | | |
| | | CH Clay - light red 10R (7/8), high plasticity, moist. | | |
| | | SP Silty sand - very pale brown 10YR (8/) fine grained sand, poorly graded, moist. | | |
| 90 | | | | |

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| Depth | Soil Symbol | Soil Description | Well Completion | Well Description |
|-------|-------------|------------------|-----------------|------------------|
| | | | | |
| | | End of Log | | |
| 130 | | | | |
| 140 | | | | |
| 150 | | | | |

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