



FIELD BOREHOLE LOG

BOREHOLE NO.: PMW92-06

TOTAL DEPTH: 106 ft.

PROJECT INFORMATION

PROJECT: DDMT - Main Installation Remedial Action

PROJECT NO.: 3202-016

SITE LOCATION: TTA-2

PROJECT MANAGER: T. Holmes

FIELD STAFF: K. Sedlak

BOREHOLE STARTED: 5/11/2006 10:20:00 AM

BOREHOLE FINISHED: 5/11/2006 12:52:00 PM

DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: A. Marshall

DRILLING METHOD/RIG: Sonic

BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 304.97 (ft, msl)

WATER DEPTH/ DATE: 94.1 ft. - 6/6/2006

BOREHOLE USE: Monitoring Well

NOTES:

| Depth | Soil Symbol | Soil Description | Well Completion | Well Description |
|-------|-------------|---|-----------------|------------------|
| | | Asphalt Asphalt and crushed stone | | Grouted Annulus |
| | | CH Silty Clay - yellowish red (5YR 4/6) high plasticity, trace pebbles, moist | | |
| 10 | | | | |
| | | CH Silty Clay - yellowish red (5YR 4/6) high plasticity, trace pebbles, moist | | |
| 20 | | | | |
| | | SP Sand - reddish yellow (7.5YR 6/8) fine to medium grained, poorly graded, dry | | |
| | | CL Sandy Clay - yellowish red (5YR 5/8) low plasticity, moist | | |
| | | SC Clayey Sand - red (10YR 4/8) fine to medium grained, poorly graded, dry | | |
| 30 | | | | |

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|-------|-------------|--|-----------------|--|------------------|
| | | | | | |
| | | SP Sand - yellowish red (5YR 6/8) fine grained, poorly graded, some clay, dry | | | |
| | | SC Clayey Sand - red (10R 4/8) fine to medium grained, poorly graded, dry | | | |
| 40 | | | | | |
| | | SP Sandy Clay - yellow (10YR 5/8) fine to medium grained, poorly graded, dry | | | |
| | | | | | |
| | | SC Sand - yellowish red (5YR 5/8) with clay, poorly graded, fine to medium grained, dry | | | |
| 50 | | | | | |
| | | SW Sand - reddish yellow (7.5YR 6/8) with gravel, cobbles, and pebbles, well graded, fine to medium grained, dry | | | |
| | | | | | |
| | | SW Sand and Gravel - strong brown (7.5YR 5/8) fine to coarse grained, well graded, gravel is subangular to rounded, well graded, dry | | | |
| | | | | | |
| 60 | | | | | |

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| Depth | Soil Symbol | Soil Description | Well Completion | Well Description |
|-------|-------------|--|-----------------|------------------|
| 70 | | SW Sand - yellowish red (5YR 5/8) some gravel and pebbles, well graded sands, medium to coarse grained, dry | | |
| | | SP Sand - reddish yellow (7.5YR 7/6) with trace pebbles, poorly graded, dry | | |
| | | SP Sand - very pale brown (10YR 8/4) fine grained, poorly graded, trace pebbles, dry | | |
| | | SP Sand - yellowish brown (10YR 5/8) fine to medium grained, poorly graded, dry | | |
| | | SP Sand - reddish yellow (7.5YR 7/8) fine to medium grained, poorly graded, dry | | |
| 80 | | SW Sand and Gravel - strong brown (7.5YR 3/4) medium. to coarse grained, well graded, gravel subangular to angular, with some pebbles, dry | | Bentonite Plug |
| | | SP Sand - white (7.5YR 8/0) fine to medium grained, poorly graded, | | |
| | | SP Sand - white (7.5YR 8/0) fine to medium grained, poorly graded, dry | | |
| 90 | | SP Sand - white (7.5YR 8/0) fine to medium grained, poorly graded, dry | | Sand Pack |

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| Depth | Soil Symbol | Soil Description | Well Completion | Well Description |
|-------|-------------|--|-----------------|-------------------|
| 100 | | | | Screened Interval |
| | SP | Sand - light brown (7.5YR 6/4) fine to medium grained, poorly graded, dry | | |
| | SP | Sand - strong brown (7.5YR 4/6) fine to medium grained, poorly graded, wet | | |
| | SW | Sand and Gravel - yellowish brown (10YR 5/8) medium to coarse grained, well graded, gravel subangular to rounded, more wet | | |
| | CH | Silty Clay - grey (7.5YR 5/0) high plasticity, moist | | |
| | SM | Silty with Sand - light grey (7.5YR 7/0) poorly graded, moist | | |
| 110 | | End of Log | | |
| 120 | | | | |

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