



FIELD BOREHOLE LOG

BOREHOLE NO.: PMW101-01A

TOTAL DEPTH: 141 ft.

PROJECT INFORMATION

PROJECT: DDMT - Main Installation Remedial Action

PROJECT NO.: 3202-016

SITE LOCATION: TTA-1

PROJECT MANAGER: T. Holmes

FIELD STAFF: E. Van Schaik

BOREHOLE STARTED: 6/8/2006 2:50:00 PM

BOREHOLE FINISHED: 6/9/2006 9:50:00 AM

DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: A. Marshall

DRILLING METHOD/RIG: Sonic

BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 291.17 (ft, msl)

WATER DEPTH/ DATE: 88.7 ft. - 7/12/2006

BOREHOLE USE: Monitoring Well

NOTES: Well depth of 138.5 feet bgs shown on boring log is from field notes. Measured well depth is 141.39 feet bgs on 10/7/06.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Clay - red (2.5YR 4/6) low to medium plasticity, dry		Grouted Annulus
10		CL Clay - red (2.5YR 5/8) medium plasticity, dry		
20		CL Sandy Clay - red (2.5YR 4/8) very fine grained, low plasticity, dry		
		SC Clayey Sand - red (2.5YR 4/8) very fine grained, dry		
30		SC Clayey Sand - red (2.5YR 4/8) very fine grained, dry		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Gravelly Clay - yellowish red (5YR 5/8) very sandy, dry		
		SC Clayey Sand - red (2.5YR 4/8) very sandy, dry		
40		SW Gravelly Sand - yellowish red (5YR 5/8) pebble-cobble size, fine to medium grained sand, dry		
		SW Gravelly Sand - reddish yellow (5YR 6/8) fine to medium grained, A/A dry		
		SW Gravelly Sand - yellowish red silty (5YR 5/6) dry		
50		SW Gravelly Sand - reddish yellow (5YR 6/8) fine to medium grained sand, medium to coarse gravel, subangular to subrounded, pebble sized, dry		
		SW Gravelly Sand - reddish yellow (5YR 6/8) fine to medium grained sand, medium to coarse gravel, subangular to subrounded, pebble sized, dry		
60				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Gravelly Sand - yellowish red (5YR 5/8) pebble-cobble sized gravel, dry		
		SW Gravelly Sand - brownish yellow (10YR 6/8) dry		
		SP Sand - reddish yellow (5YR 6/8) medium grained, dry		
70		SW Gravelly Sand - reddish yellow (5YR 6/8) fine to medium grained, increased pebble cobble sized gravel, dry		
		SW Gravelly Sand - yellow (10YR 7/8) pebble cobble sized gravel, A/A, dry		
80		SW Gravelly Sand - brownish yellow (10YR 6/8) medium to coarse grained, A/A, dry		
		SW Gravelly Sand - yellow (10YR 7/6) significant increase gravel, moist		
90		SW Gravelly Sand - brown silty (7.5YR 4/6) coarse gravel, moist		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Gravelly Sand - yellow (10YR 7/6) very fine to fine grained, <10% gravel, very moist lower 1-ft, moist		
		SP Sand - yellow (10YR 7/6) fine to medium grained, trace gravel, moist		
100				
		SP Sand - yellow (10YR 7/6) fine to medium grained, moist		
		SW Gravelly Sand - yellow (10YR 7/6) moist		Bentonite Plug
110				
		SP Sand - yellow (10YR 7/6) fine to medium grained, very little gravel, moist		Sand Pack
		No Recovery		
120				Screened Interval

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
130				
140		SW Gravelly Sand - yellow (10YR 7/6) medium to coarse grained, medium to coarse grained gravel, subrounded to subangular		
		CL Clay - very pale brown (10YR 7/4) low plasticity		
150		End of Log		

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