



FIELD BOREHOLE LOG

BOREHOLE NO.: PMW21-04

TOTAL DEPTH: 116 ft.

PROJECT INFORMATION

PROJECT: DDMT - Main Installation Remedial Action

PROJECT NO.: 3202-016

SITE LOCATION: TTA-1

PROJECT MANAGER: T. Holmes

FIELD STAFF: K. Sedlak

BOREHOLE STARTED: 5/16/2006 11:00:00 AM

BOREHOLE FINISHED: 5/16/2006

DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: M. Mclean

DRILLING METHOD/RIG: Sonic

BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 292.2 (ft, msl)

WATER DEPTH/ DATE: 89 ft. - 6/7/2006

BOREHOLE USE: Monitoring Well

NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		Crushed Stone		Grouted Annulus
		CH Silty Clay - strong brown (7.5YR 5/8) high plasticity, moist		
10				
20		CL Silty Clay with some sand -strong brown (7.5YR 5/8) high plasticity, some sand, moist		
		SC Clayey Sand - dark red (2.5YR 3/6) fine grained, poorly graded, dry		
		SC Clayey Sand - dark red (2.5YR 3/6) fine grained, poorly graded, moist		
30				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SC Sand - dark red (2.5YR 3/6) with some clay, poorly graded, trace pebbles, moist		
		SC Clayey Sand - dark red (2.5YR 3/6) fine grained, poorly graded, moist		
40		SC Sandy Clay with Gravel - yellowish red (5YR 5/6) rounded gravel, well graded, sand is medium grained, moist		
		CH Silty Clay - light grey (5YR 7/1) high plasticity, moist		
		SW Sand and Gravel - dark red (2.5YR 3/6) coarse grained, subangular to rounded gravel, well graded, dry		
50		ML Silt - grey (5YR 6/1) with rounded gravel, well graded, dry		
		SW Sand and Gravel - yellowish red (5YR 5/8) medium to coarse grained, subangular to rounded gravel, well graded, dry		
		SW Sand and Gravel - yellowish red (5YR 5/8) coarse grained, subangular to rounded gravel, well graded, dry		
60				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Sand and Gravel - strong brown (7.5YR 4/6) medium grained, rounded to well rounded gravel, well graded, dry		
		SW Sand with Gravel - strong brown (7.5YR 5/6) coarse grained, angular to rounded gravel, well graded, dry		
70		SW Sand and Gravel - strong brown (7.5YR 4/6) with clay, fine to medium grained, subangular to angular gravel, well graded, dry		
		SP Sand - olive brown (2.5Y 4/4) medium to coarse grained, trace pebbles, poorly graded, moist		Bentonite Plug
80				Sand Pack
		SW Sand and Gravel - dark reddish brown (5YR 3/4) fine to medium grained, rounded to subangular gravel, well graded, dry		Screened Interval
90				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
100				
		SW Sand with Gravel - brownish yellow (10YR 6/8) coarse grained, rounded to subangular gravel, well graded, wet		
		SW Sand with Gravel - reddish yellow (7.5YR 7/4) medium to coarse grained, subangular to rounded gravel, well graded, wet		
		SW Sand with Gravel - strong brown (7.5YR 5/8) medium to coarse grained, subangular to rounded gravel, trace pebbles, well graded, wet		
110		CH Silty Clay - dark grey (4/0) high plasticity, moist		
120		End of Log		

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