FIELD BOREHOLE LOG

BOREHOLE NO.: MW-200

TOTAL DEPTH: 126 ft.

PROJECT INFORMATION

PROJECT: DDMT - Main Installation, New Plume Wells
PROJECT NO.: 3202-019
SITE LOCATION: MI
PROJECT MANAGER: T. Holmes
FIELD STAFF: E. Van Schaik
BOREHOLE STARTED: 8/9/2006 10:00:00 AM
BOREHOLE FINISHED: 8/9/2006 12:00:00 PM

DRILLING INFORMATION

DRILLING CO.: Prosonic
DRILLER: A. Marshall
DRILLING METHOD/RIG: Sonic
BOREHOLE DIAMETER: 6-in.
GROUND SURFACE ELEVATION: 300.51 (ft, msl)
WATER DEPTH/ DATE: 102.53 ft.toc - 8/16/06
BOREHOLE USE: Monitoring Well

NOTES: Measured well depth was 118.2 feet beet below top of casing (118.5 bgs) on 12/12/06. Field notes state well set at 117 feet bgs.

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

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SC Clayey sand - reddish yellow (7.5YR 6/8) very fine grained, dry		
		SC Clayey sand - strong brown (7.5YR 5/8) very fine grained, dry		
40		**SP** Sand - reddish yellow (7.5YR 6/8) very fine to fine grained, dry		
		SW Gravelly sand - yellow (10YR 7/6) fine grained, fine to medium gravel, sub angular to sub rounded, dry		
		SP Sand - strong brown (7.5YR 5/8) fine grained, dry		
50		**SW** Gravelly sand - reddish yellow (7.5YR 7/6) fine grained, fine gravel, A/A, dry		
		SP Sand - reddish yellow (7.5YR 7/8) fine grained, dry		
		SW Gravelly sand - brownish yellow (10YR 6/8) fine grained, dry		
60				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Gravelly sand - reddish yellow (7.5YR 6/8) fine grained, fine to medium gravel, sub angular to sub rounded, dry		
		SP Sand - yellow (10YR 7/6) fine grained, dry		
		SW Gravelly sand - strong brown (7.5YR 4/6) very fine grained, silty, fine gravel, A/A, dry		
70				
		SW Gravelly sand - brownish yellow (10YR 6/8) fine grained, fine to coarse gravel, A/A, dry		
		SP Sand - reddish yellow (7.5YR 6/8) fine grained, dry		
80		**SP** Sand - yellow (10YR 7/6) fine grained, dry		
		SP Sand - very pale brown (10YR 8/4) fine grained, dry		
		SW Gravelly sand - yellow (10YR 7/6) fine to medium gravel, sub angular to sub rounded, very silty, dry		
90				

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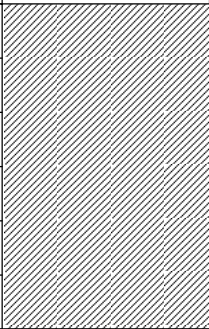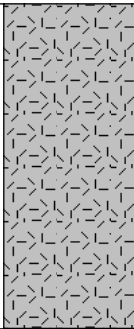| Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Gravelly sand - brownish yellow (10YR 6/8) fine grained, fine to coarse gravel, dry		
		SW Gravelly sand - yellowish brown (10YR 5/8) very fine to fine grained, very silty, fine to coarse gravel, dry		Bentonite Plug
		SW Gravelly sand - yellow (10YR 7/6) fine grained, fine to coarse gravel, A/A, dry		
100		**SW** Gravelly sand - strong brown (7.5YR 5/6) very fine to fine grained, very silty, fine to coarse gravel, dry	102.53	
		SP Sand - very pale brown (10YR 7/3) very fine to fine grained, dry		
		SW Gravelly sand - yellowish brown (10YR 5/8) fine to medium grained, fine to coarse gravel, moist		Sand Pack
110		**SW** Gravelly sand - brownish yellow (10YR 6/8) fine to coarse gravel, A/A, moist		Screened Interval
		SW Gravelly sand - yellow (10YR 7/6) medium grained, fine gravel, A/A, moist		
		SW Gravelly sand - yellowish brown (10YR 5/8) fine grained, fine to coarse gravel, sub angular to sub rounded, moist		
120		**CL** Clay - brownish yellow (10YR 6/8) low plasticity (stiff), moist		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Clay - gray (10YR 5/1)		
130		End of Log		
140				
150				

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