

BOREHOLE NO.: MW-199A TOTAL DEPTH: 171 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: 8/7/2006 10:45:00 AM BOREHOLE FINISHED: 8/7/2006 4:55:00 PM

DRILLING INFORMATION

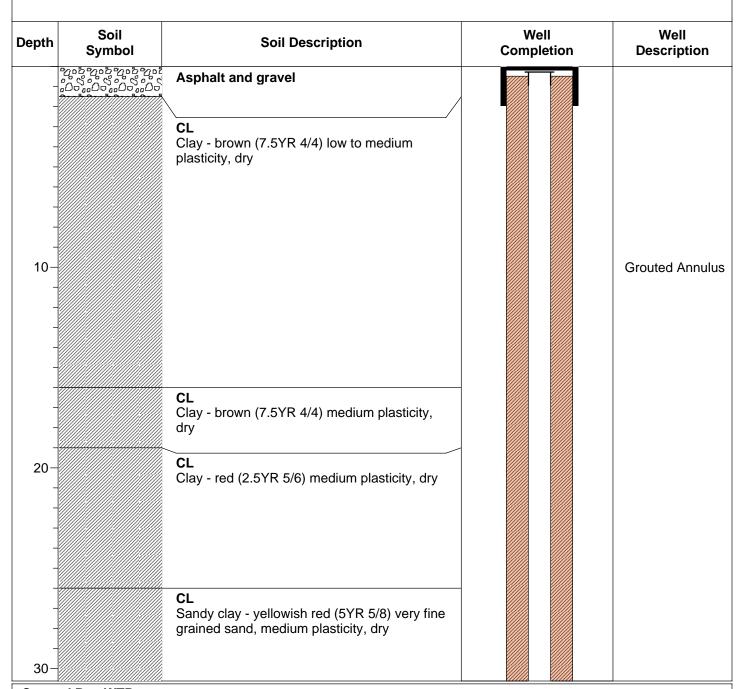
DRILLING CO.: Prosonic DRILLER: A. Marshall

DRILLING METHOD/RIG: Sonic BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 301.84 (ft, msl) WATER DEPTH/ DATE: 108.52 ft.toc - 8/14/06

BOREHOLE USE: Monitoring Well

NOTES:



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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
-				
-		SC Clayey sand - reddish yellow (5YR 6/6) very fine grained, dry		
		SC Clayey sand - yellowish red (5YR 5/8) fine grained, dry		
40-				
-		CL Gravelly Clay - yellowish red (5YR 5/6) fine gravel sub angular to sub rounded, dry		
		SW Gravelly sand - strong brown (7YR 4/6) fine gravel, fine grained, dry		
50-		SP Sand - reddish yellow (5YR 6/8) fine to medium grained, dry		
		SP Sand - yellowish red (5YR 4/6) fine grained, dry		
60-				

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	Soil		Well Well	
Depth	Symbol	Soil Description	Completion	Description
- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		SW Gravelly sand - reddish yellow (5YR 6/8) fine to medium gravel, dry		
- 1		SW Gravelly sand - yellow (10YR 7/6) medium grained, fine to medium gravel, sub angular to sub rounded, dry		
70-		SW Gravelly sand - brownish yellow (10YR 6/8) medium grained, fine to medium gravel, sub angular to sub rounded, dry		
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		SW Gravelly sand - reddish yellow (7.5YR 6/8) fine to medium grained, fine gravel, dry		
- 80-		SW Gravelly sand - strong brown (7.5YR 5/8) fine to medium gravel, very silty, dry		
- V		SW		
- (.) - (.) - (.) - (.)		Gravelly sand - reddish yellow (7.5YR 6/8) fine grained, fine to medium gravel, dry		
		SW Gravelly sand - strong brown (7.5YR 5/8) fine grained, fine gravel, sub angular to sub rounded, dry		
90-				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
100-		SP Sand - reddish yellow (5YR 7/6) 4-5-in. pink clay (5YR 7/6) at 95-ft. CL Clay - light gray (7.5YR 7/1) highly plastic, moist SP Gravelly sand - reddish yellow (7.5YR 6/8) fine grained, moist SW Gravelly sand - yellow gravelly (10YR 7/6) years fine to fine grained sand fine gravel, sub-		
110-		very fine to fine grained sand, fine gravel, sub angular to sub rounded, moist SW Gravelly sand - yellowish brown (10YR 5/8) medium grained, fine gravel, A/A, moist	108.52	
-		SW Gravelly sand - strong brown (7.5YR 5/8) medium grained, fine to coarse gravel, A/A, moist		
120-		SW Gravelly sand - brownish yellow (10YR 6/8) fine to medium grained, fine to coarse gravel, A/A, moist		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
-		CL Sandy clay - gray (10 YR 5/1) very fine grained sand, moist CL Sandy clay - gray (10 YR 5/1) very fine grained sand, moist		
- - -		CL Sandy clay - gray (10 YR 5/1) low plasticity, moist		
130-		CL Clay - dark grey (10YR 4/1) A/A, moist		
-		SC Clayey sand - light brownish gray (10YR 6/2) very fine grained, moist		
-		CL Clay - light brownish gray (10YR 6/2) moist	(字) (字) (字) (字) (字) (字) (字) (字)	Bentonite Plug
140 — - - - -		SP Sand - pale brown (10YR 6/3) very fine grained, moist		
-		SP Sand - pale brown (10YR 7/3) very fine grained, moist		
150-				Sand Pack

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description Sand Pack
160		SP Sand - light gray (10 YR 7/1) very fine grained, moist SP Sand - gray (10 YR 5/1) fine grained, moist CL Clay - gray (10 YR 5/1) sandy, very fine grained, low plasticity, moist CL Clay - gray (10 YR 5/1) low plasticity (stiff), moist		Screened Interval Bentonite Backfill
_		End of Log		
-				
180-	ed Bv: WTR			

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