	FIELD BOREHOLE LOG	
	BOREHOLE NO.: MW-202B	
agievering-uniconnental Management, Inc.	TOTAL DEPTH: 136 ft.	
PROJECT INFORMATION	DRILLING INFORMATION	
PROJECT: DDMT - Main Installation, New Plume Wells	DRILLING CO.: Prosonic	
PROJECT NO.: 3202-019	DRILLER: A. Marshall	
SITE LOCATION: MI	DRILLING METHOD/RIG: Sonic	
PROJECT MANAGER: T. Holmes	BOREHOLE DIAMETER: 6-in.	
FIELD STAFF: D. Whitesides	GROUND SURFACE ELEVATION: 299.74 (ft, msl)	
BOREHOLE STARTED: 8/21/2006 11:15:00 AM	WATER DEPTH/ DATE: 123.82 ft.toc - 8/24/06	
BOREHOLE FINISHED: 8/22/2006	BOREHOLE USE: Monitoring Well	

NOTES:

201 Gravel CL Clay - dark yellowish brown (10YR 4/6) massive, plastic, moist CL Clay - gray (10YR 6/1) massive, plastic CL Clay - dark yellowish brown (10YR 4/4) Gravel Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 4/4) Grouted Annul Clay - dark yellowish brown (10YR 6/2) Grouted Annul 20 Clay - dark yellowish brown (10YR 6/2) 30 Grouted Annul Grouted Annul	Depth	Soil Symbol	Soil Description	Well Completion	Well Description
CL Clay - dark yellowish brown (10YR 4/6) massive, plastic, moist CL Clay - gray (10YR 6/1) massive, plastic CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist 10 Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay - gray (10YR6/2) massive, very plastic, moist 20 CL CL Clay - gray (10YR6/2) massive, very plastic, moist 30 30		202202202202202	Gravel		
Clay - gray (10YR 6/1) massive, plastic CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay - gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones 30	-		CL Clay - dark yellowish brown (10YR 4/6)		
Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist Grouted Annul CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay - gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones	-		Clay - gray (10YR 6/1) massive, plastic		
20 CL Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist 20 CL Clay - gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones 30 0	-		Clay - dark yellowish brown (10YR 4/4)		
Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay – gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones 30	10- -				Grouted Annulu
Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay – gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones 30	-				
Clay - dark yellowish brown (10YR 4/4) massive, very plastic, moist CL Clay – gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones 30	-				
CL Clay – gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones	-		Clay - dark yellowish brown (10YR 4/4)		
Clay – gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown oxidation zones	20-				
	-		Clay – gray (10YR6/2) massive, very plastic, mottled, occasional dark reddish brown		
	-				
	-				
	- 30-				
Created By: WTR PAGE: 1 of	Creat	ed By: WTR	<u>.</u>	wreer	PAGE: 1 of 5



BOREHOLE NO.: MW-202B TOTAL DEPTH: 136 ft.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Clay - yellowish brown (10YR 5/8) sandy		
-		SC Sand - dark reddish brown (2.5YR 3/4) clayey, fine grain, moist		
-		SP Sand - yellowish brown (2.5YR 7/8) fine grain, moist		
40- - -		SP Sand - white (2.5YR 8/1) fine grain, moist		
-		SP Sand - yellowish brown (10YR 5/8) fine grain, cobbles to 1-in., moist		
-		SP Sand - red (2.5YR 4/6) fine grain, moist		
- 50-		SP Sand – white (2.5YR8/1) fine grain		
-		SP Sand – white (2.5YR8/1) gravelly, fine grain		
-		SP Sand – yellow (105YR7/8) gravelly, fine grain		
60-		SP Sand – white (2.5YR8/1) fine grain		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
_				
-		SP Sand - light gray (10YR 7/1) gravelly, cobbles to 1- in.,		
-		SP Sand - brownish yellow (10YR 6/8) fine grained, moist SP		
- 70- -		Sand – strong brown (7.5YR5/6), fine grain, cobbles to 2-in., gravel up to 50%		
-		SM Sand – yellowish red (5YR4/6), silty, fine grain		
- 80- - -		GW Gravel – yellow (10 YR7/8) sandy		
-	200222022200222002 2002200222002 20022022	SA Sandstone, cemented, very hard SW Sand - yellowish brown (10YR 5/6) gravelly GP		
- - 90-	៰ៜ៓៹៰ៜ៓៹៰ៜ៓៹ ៱៝៝៝៝៝៝៹៵៱៝៝៹៵៱៝៹ - -	Gravel - sandy silty, dry CL Clay - brownish yellow (10YR 6/8) massive, plastic,		
Creat	ed By: WTR			PAGE: 3 of 5



BOREHOLE NO.: MW-202B TOTAL DEPTH: 136 ft.

CL Clay - light gray (10YR 7/1) massive, hard, plastic, CL Clay - dark gray (10YR 4/1) massive, hard, dry CL Clay - dark gray (10YR 4/1) massive, hard, dry SP Sand - light gray (10YR 7/1) very fine grained, moist SC Sand - light gray (10YR 7/1) clayey, very fine grained, moist CL Clay - light gray (10YR 7/1) very fine grained, moist CL Clay - light gray (10YR 7/1) very fine grained, moist SP Sand - light gray (10YR 7/1) very plastic, sandy SP Sand - white (10YR 8/1) fine to very fine grained, wet	Depth	Soil Symbol	Soil Description	Well Completion	Well Description
Image: Clay - dark gray (10YR 4/1) massive, hard, Image: Clay - dark gray (10YR 4/1) massive, hard, Image: Clay - dark gray (10YR 4/1) massive, hard, Image: Clay - dark gray (10YR 4/1) massive, hard, Image: Clay - dark gray (10YR 7/1) massive, hard, Image: Clay - dark gray (10YR 7/1) very fine grained, moist Image: Clay - light gray (10YR 7/1) very fine grained, moist Image: Clay - light gray (10YR 7/1) very plastic, sandy Image: Clay - light gray (10YR 7/1) very plastic, sandy Image: Clay - light gray (10YR 7/1) very plastic, sandy Image: SP Sind - white (10YR 8/1) fine to very fine grained, Image: SP	-		Clay - light gray (10YR 7/1) massive, hard,		
Clay - dark gray (10YR 4/1) massive, hard, dry SP Sand - light gray (10YR 7/1) very fine grained, moist SC Sand - light gray (10YR 7/1) clayey, very fine grained, moist Bentonite I CL Clay - light gray (10YR 7/1) very plastic, sandy SP Sand - white (10YR 8/1) fine to very fine grained, SP SP	_				
SP Sand - light gray (10YR 7/1) very fine grained, moist SC Sand - light gray (10YR 7/1) clayey, very fine grained, moist I10 SC Sand - light gray (10YR 7/1) clayey, very fine grained, moist I10 CL Clay - light gray (10YR 7/1) very plastic, sandy SP Sand - white (10YR 8/1) fine to very fine grained, SP	-		Clay - dark gray (10YR 4/1) massive, hard,		
Sand - light gray (10YR 7/1) clayey, very fine grained, moist Bentonite I CL Clay - light gray (10YR 7/1) very plastic, sandy SP Sand - white (10YR 8/1) fine to very fine grained, SP			Sand - light gray (10YR 7/1) very fine		
CL Clay - light gray (10YR 7/1) very plastic, sandy Bentonite I SP Sand - white (10YR 8/1) fine to very fine grained, SP			Sand - light gray (10YR 7/1) clayey, very fine		
Sand - white (10YR 8/1) fine to very fine grained,	110		Clay - light gray (10YR 7/1) very plastic,		Bentonite Plug
			Sand - white (10YR 8/1) fine to very fine		
	-				
120-Sand Pack	120-				Sand Pack
Created By: WTR PAGE: 4					

Checked By: DW



BOREHOLE NO.: MW-202B TOTAL DEPTH: 136 ft.

	activity of the set of		Completion	Description —Sand Pack———
-		SP Sand - white (10YR 8/1) fine grained, wet		Screened Interva
		End of Log		
150- Create	d By: WTR			PAGE: 5 of 5