	FIELD BOREHOLE LOG
	BOREHOLE NO.: MW-229
Solutions Today for a Sustainable Tomorrow	TOTAL DEPTH: 210
PROJECT INFORMATION	DRILLING INFORMATION
PROJECT: FOST-4	DRILLING CO.: Boart Longyear
PROJECT NO.: 3202-031	DRILLER: K. Smith
SITE LOCATION: DF	DRILLING METHOD/RIG: Sonic
PROJECT MANAGER: T. Holmes	BOREHOLE DIAMETER: 6"
FIELD STAFF: E. Van Schaik	GROUND SURFACE ELEVATION: 311.99
BOREHOLE STARTED: 7/31/07 09:55	WATER DEPTH/ DATE: 160.83 ft. bgs 9/27/2007
BOREHOLE FINISHED: 8/1/2007 13:30	BOREHOLE USE: Monitoring Well

NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
-		CL Silty clay - brown 7.5YR (4/4), crumbly, some gravel, low plasticity, dry.		
		CH Clay - reddish brown 5YR (4/4), medium to high plasticity, soft, dry.		Grouted Annulu
20-		CL Clay - yellowish red 5YR (4/6), medium plasticity, soft, dry.		
- - - - - - - - - - - - - - - - - - -		CL Sandy Clay - yellowish red 5YR (5/6), medium plasticity, soft, dry.		

Checked By:



BOREHOLE NO.: MW-229 TOTAL DEPTH: 210

Symbol	Soil Description	Well Completion	Well Description
	CL Sandy Clay - red 2.5YR (4/8), low plasticity, soft, dry.		
	SC Clayey sand - red 2.5YR (4/6), dry.		
	SC Clayey sand - red 2.5YR (4/8), dry.		
	SP Sand - yellowish red 5YR (5/8), very fine grained, clayey, dry.		
	SP Sand - red 2.5YR (5/8), fine grained, dry.		
	SP Sand - red 2.5YR (4/8), very fine to fine grained, trace clay, dry.		
	SC Clayey sand - dark red 2.5YR (3/6), very fine grained, dry.		
	SW Gravelly sand - reddish yellow 5YR (6/8), fine grained, medium to coarse subangular to subrounded gravel, dry.		
	WTR	Clayey sand - dark red 2.5YR (3/6), very fine grained, dry. SW Gravelly sand - reddish yellow 5YR (6/8), fine grained, medium to coarse subangular to subrounded gravel, dry.	Clayey sand - dark red 2.5YR (3/6), very fine grained, dry. SW Gravelly sand - reddish yellow 5YR (6/8), fine grained, medium to coarse subangular to subrounded gravel, dry.

Checked By:



epth	Soil Symbol	Soil Description	Well Completion	Well Description
- - - - - - - - - - - - - - - - - - -		SW Gravelly sand - yellowish red 5YR (5/8), fine grained, medium to coarse subangular to subrounded gravel, some extremely coarse gravel, silty, dry.		
-		ML Clayey silt - dark reddish brown 5YR (3/4), very fine to fine grained sand, moist. SW Gravelly sand - yellowish red 5YR (5/8), fine grained, medium to coarse gravel, moist.		
- 80 - - - -		No Recovery No Recovery		
- - - 90- Creat	ed By: WTR			PAGE: 3 of 7



Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Sand - yellow 10YR (7/6), fine grained, medium to very coarse gravel, subrounded, moist.		
_		CL Clay - grey 10YR (5/1), low plasticity, moist.		
100		CL Clay - grey 10YR (5/1), low plasticity, hard, moist.		
_		CL Clay - grey 10YR (5/1), low plasticity, hard, moist.		
- 120-				
Create	ed By: WTR	/		PAGE: 4 of 7



130 				
CL Clay - grey 10YR (5/1), low plasticity, hard, trace lignite,moist.				
CL Clay - grey 10YR (5/1), low plasticity, hard, trace lignite,moist.				
Created By: WTR Checked By:	FAGE. 5 01 /			



Depth	Soil Symbol	Soil Description	Well Completion	Well Description
Depth		Soil Description CL Clay - grey 10YR (5/1), low plasticity, hard, trace very fine grained sand in lower 10 feet, moist. CL Sandy Clay - grey 10YR (5/1), low plasticity, hard, trace very fine grained sand, moist. CL Sandy Clay - grey 10YR (5/1), low plasticity, hard, trace very fine grained sand, moist. CL Sandy Clay - grey 10YR (5/1), low to medium plasticity, moderatley hard, very fine grained sand, moist.		
170				Bentonite Plug
- U	d By: WTR			
Check				PAGE: 6 of 7



Depth	Soil Symbol	Soil Description	Well Completion	Well Description Bentonite Plug-	
-		CL Sandy Clay - grey 10YR (5/1), medium plasticity, very fine grained sand, moist.		Dentonite i lug	
-		SP Sand - grey 10YR (5/1), very fine grained, clayey, moist.			
-		SP Sand - grey 10YR (5/1), poorly sorted, some clay, moist.		Sand Pack	
-					
190-					
-					
-		SP Sand - grey 10YR (5/1), very fine grained, little to no clay, moist.		Screened Interva	
-					
200-					
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