



## FIELD BOREHOLE LOG

BOREHOLE NO.: MW-229

TOTAL DEPTH: 210

### PROJECT INFORMATION

PROJECT: FOST-4

PROJECT NO.: 3202-031

SITE LOCATION: DF

PROJECT MANAGER: T. Holmes

FIELD STAFF: E. Van Schaik

BOREHOLE STARTED: 7/31/07 09:55

BOREHOLE FINISHED: 8/1/2007 13:30

### DRILLING INFORMATION

DRILLING CO.: Boart Longyear

DRILLER: K. Smith

DRILLING METHOD/RIG: Sonic

BOREHOLE DIAMETER: 6"

GROUND SURFACE ELEVATION: 311.99

WATER DEPTH/ DATE: 160.83 ft. bgs 9/27/2007

BOREHOLE USE: Monitoring Well

### NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>CL</b> Silty clay - brown 7.5YR (4/4), crumbly, some gravel, low plasticity, dry.		Grouted Annulus
		<b>CH</b> Clay - reddish brown 5YR (4/4), medium to high plasticity, soft, dry.		
10		<b>CL</b> Clay - yellowish red 5YR (4/6), medium plasticity, soft, dry.		
20		<b>CL</b> Sandy Clay - yellowish red 5YR (5/6), medium plasticity, soft, dry.		
30				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>CL</b> Sandy Clay - red 2.5YR (4/8), low plasticity, soft, dry.		
		<b>SC</b> Clayey sand - red 2.5YR (4/6), dry.		
		<b>SC</b> Clayey sand - red 2.5YR (4/8), dry.		
40		<b>SP</b> Sand - yellowish red 5YR (5/8), very fine grained, clayey, dry.		
		<b>SP</b> Sand - red 2.5YR (5/8), fine grained, dry.		
		<b>SP</b> Sand - red 2.5YR (4/8), very fine to fine grained, trace clay, dry.		
50				
		<b>SC</b> Clayey sand - dark red 2.5YR (3/6), very fine grained, dry.		
60		<b>SW</b> Gravelly sand - reddish yellow 5YR (6/8), fine grained, medium to coarse subangular to subrounded gravel, dry.		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
70		<b>SW</b> Gravelly sand - yellowish red 5YR (5/8), fine grained, medium to coarse subangular to subrounded gravel, some extremely coarse gravel, silty, dry.		
		<b>ML</b> Clayey silt - dark reddish brown 5YR (3/4), very fine to fine grained sand, moist.		
80		<b>SW</b> Gravelly sand - yellowish red 5YR (5/8), fine grained, medium to coarse gravel, moist.		
		<b>No Recovery</b> No Recovery		
90				

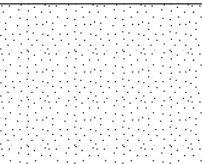


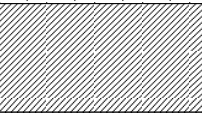
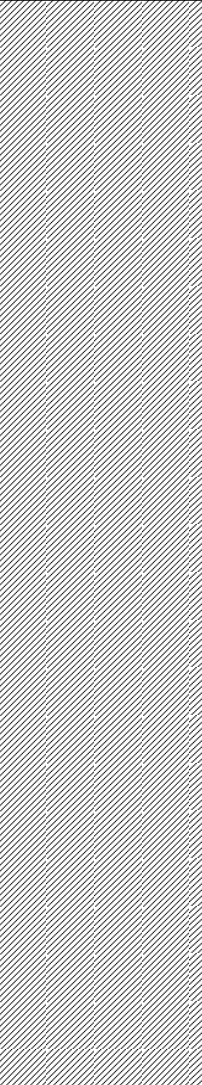
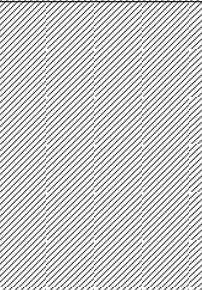
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Depth	Soil Symbol	Soil Description	Well Completion		Well Description
		<b>SW</b> Sand - yellow 10YR (7/6), fine grained, medium to very coarse gravel, subrounded, moist.			
		<b>CL</b> Clay - grey 10YR (5/1), low plasticity, moist.			
		<b>CL</b> Clay - grey 10YR (5/1), low plasticity, hard, moist.			
100					
		<b>CL</b> Clay - grey 10YR (5/1), low plasticity, hard, moist.			
110					
120					

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
130		<b>CL</b> Clay - grey 10YR (5/1), low plasticity, hard, trace lignite,moist.		
140		<b>CL</b> Clay - grey 10YR (5/1), low plasticity, hard, trace lignite,moist.		
150		<b>CL</b> Clay - grey 10YR (5/1), low plasticity, hard, trace lignite,moist.		

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