

# FIELD BOREHOLE LOG

BOREHOLE NO.: MW-252

TOTAL DEPTH: 151

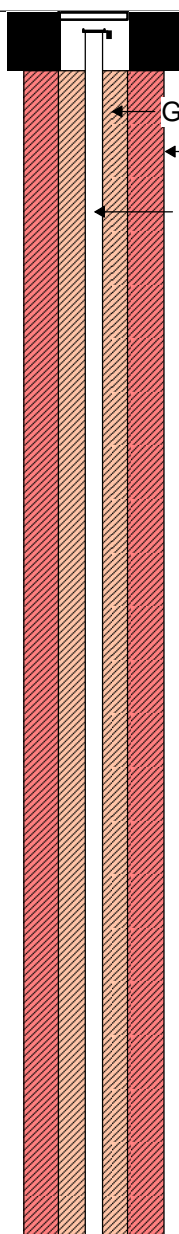
## PROJECT INFORMATION

PROJECT: IAQ Drilling  
 PROJECT NO.: 121803-008  
 SITE LOCATION: DDMT-MI  
 PROJECT MANAGER: T. Holmes  
 FIELD STAFF: J. Sperry  
 BOREHOLE STARTED: 6/2/2010  
 BOREHOLE FINISHED: 6/7/2010

## DRILLING INFORMATION

DRILLING CO.: Boart Longyear  
 DRILLER: Thomas Ardito  
 DRILLING METHOD/RIG: Sonic  
 BOREHOLE DIAMETER: 6x10 and 3x5  
 GROUND SURFACE ELEVATION: 294.4  
 WATER DEPTH/ DATE: 131.12 / 6/21/2010  
 BOREHOLE USE: Monitoring Well

## NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>GW</b> Fill gravel. 10YR 7/1 Light Gray. Compacted.	 <p>GROUT</p> <p>SURFACE CASING</p> <p>RISER</p>	
		<b>CL</b> Silty Clay. 10YR 5/3 Brown. Medium plasticity. Dry		
10		<b>CL</b> Clay. 2.5YR 5/1 Gray. Medium Plasticity.		
		<b>CL</b> Silty Clay with mottling. 7.5YR 4/6 Strong brown. Low plasticity. Dry.		
20		<b>CL</b> Silty clay. 7.5YR 5/6 Strong brown. Medium plasticity. Moist.		
30		<b>CL</b> same as above		
		<b>SC</b> Clayey sand with some subangular gravel. 5YR 5/8 Yellowish red. Low plasticity. Moist.		
40		<b>CL</b> Sandy Clay with some fine gravel. 10YR 4/3 Brown. Very plastic. Moist.		
		<b>SC</b> Clayey sand with some fine gravel. 2.5YR 5/6 Red. Dry.		
50		<b>SP</b> Fine sand. 10YR 8/6 Yellow. Loose. Dry.		
		<b>SP</b> Fine sand with a trace of clay. 2.5YR 5/5 Red. Dry.		
60		<b>SP</b> Fine sand with a trace of clay. 2.5YR 5/8 Red. Loose. Moist.		

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		<b>SP</b> Medium sand with a trace of gravel. 7.5YR 6/6 Reddish yellow. Loose. Dry.		
		<b>SP</b> Clean fine sand with trace of fine gravel. 5YR 5/8 Yellowish Red. Loose. Moist.		
70		<b>SP</b> same as above		
		<b>SP</b> Fine sand. 10YR 8/6 Yellow. Loose. Moist.		
80		<b>SP</b> Fine sand. 5YR 5/8 Yellowish Red. Loose. Moist.		
		<b>SW</b> Sandy Gravel. 10YR 5/8 Yellowish brown. Wet.		
90		<b>CH</b> Clay. 10YR 4/1 Dark Gley. High Plasticity. Moist.		
100		<b>CH</b> same as above		
110		<b>CH</b> same as above		
120		<b>SP</b> Fine sand. 10YR 6/1 gray. Loose. Dry.		

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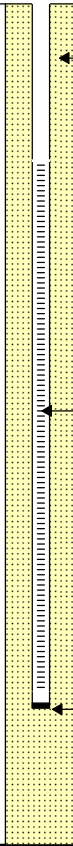
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>SP</b> Fine sand. 10YR 6/1 gray. Moist.	 <p>SAND PACK</p> <p>131.12 -ft.</p> <p>SCREEN</p> <p>END CAP</p>	
130		<b>SP</b> Fine sand with some silt. 10YR 5/1 Gray. Wet.		
140		<b>SP</b> same as above		
		<b>SP</b> Fine sand. 10YR 7/6 Yellow. Wet.		
150		<b>SP</b> Fine sand with clay lenses. 10YR 6/2 light brownish gray. Loose. Wet.		
		End of Log		
160				
170				
180				

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