



# FIELD BOREHOLE LOG

BOREHOLE NO.: MW-214B

TOTAL DEPTH: 119 ft.

## PROJECT INFORMATION

PROJECT: Phase 2 Wells and April LTM Report

PROJECT NO.: 3202-019

SITE LOCATION: MI

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Anstaett

BOREHOLE STARTED: 3/13/2007 09:55

BOREHOLE FINISHED: 3/13/2007 15:00

## DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: J. Asua

DRILLING METHOD/RIG: Sonic

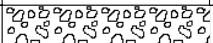
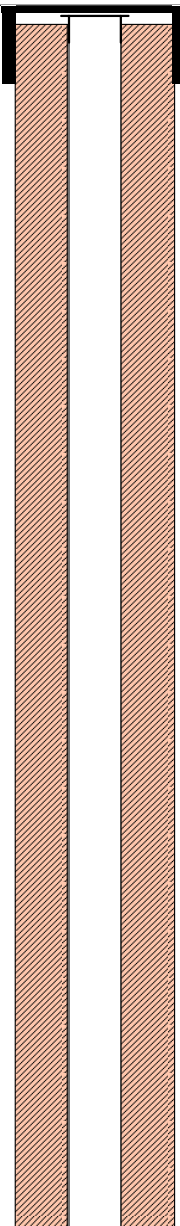




BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 303.96 (ft, msl)

WATER DEPTH/ DATE: 102.5-ft. toc -5/4/07

BOREHOLE USE: Monitoring Well

## NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>Asphalt</b> Asphalt and gravel.		Grouted Annulus
		<b>CL</b> Silty clay - dark brown 7.5 YR (3/4) medium plasticity, moist.		
10		<b>CL</b> Silty clay - dark brown 7.5 YR (3/4) medium plasticity, moist.		
20		<b>CL</b> Sandy clay - red 10YR (4/8) low plasticity, brown mottling, moist.		
30		<b>CL</b> Sandy clay - red 10YR (4/8), low plasticity, grey mottling, moist.		

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		<b>SC</b> Clayey sand - red 2.5 YR (5/8) fine to medium grained, poorly graded, moist.		
		<b>SC</b> Clayey sand - light red 2.5YR (6/8) fine grained, poorly graded, moist.		
40		<b>SM</b> Silty sand - reddish yellow 7.5YR (8/6) fine to coarse grained, well graded, dry.		
		<b>SW</b> Gravelly sand - reddish yellow 5YR (6/8) fine to coarse grained, sub-angular to sub-rounded gravel, well graded, dry.		
50		<b>SW</b> Silty sand - yellow 10YR (8/6) with gravel, fine to coarse grained sand, sub-angular to sub-rounded gravel, well graded, dry.		
		<b>SW</b> Silty sand - yellow 10YR (8/6) with gravel, fine to coarse grained, sub-rounded gravel, well graded, dry.		
60				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>SW</b> Gravelly sand - reddish yellow 7.5YR (6/8), fine to coarse grained, sub-angular to sub-rounded gravel, well graded, moist.		
		<b>SW</b> Gravelly sand - reddish yellow (7.5YR 7/6) fine to coarse grained, sub-angular to sub-rounded gravel, well graded, moist.		
70		<b>SW</b> Gravelly sand - yellowish red 5YR (5/8) medium to coarse grained, sub-rounded gravel, well graded, moist.		
		<b>SW</b> Gravelly sand - yellowish red 5YR (5/8) medium to coarse grained, sub-rounded gravel, well graded, moist.		
80		<b>SW</b> Gravelly sand - reddish yellow 7.5YR (7/8) fine to coarse grained, sub-angular to sub-rounded gravel, well graded, wet.		
		<b>SW</b> Gravelly sand - reddish yellow 7.5YR (7/8) fine to coarse grained, sub-angular to sub-rounded gravel, well graded, wet.		
90				

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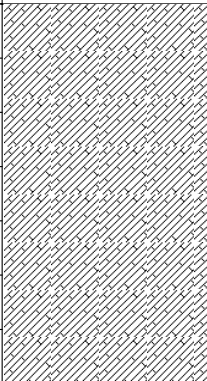
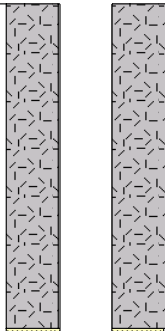
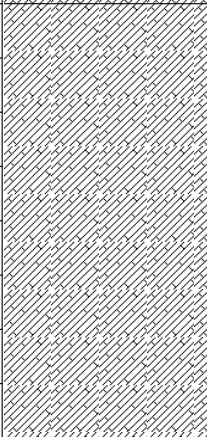
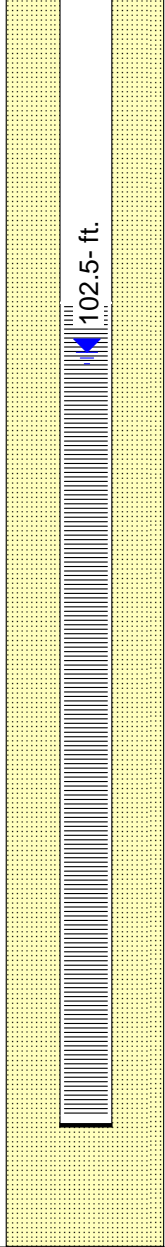

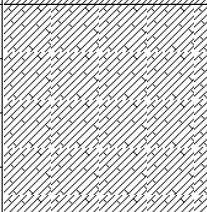
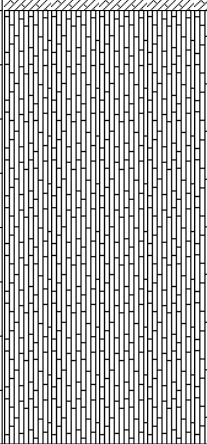
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>SC</b> Clayey sand - very pale brown 10YR (7/4) with silt, fine grained, poorly graded, wet.		Bentonite Plug
100		<b>SC</b> Clayey sand - very pale brown 10YR (7/4) with silt, fine grained, poorly graded, wet.	 102.5- ft.	Sand Pack
		<b>CL</b> Clay - weak red 10R (4/4) medium plasticity, moist.		Screened Interval
110		<b>SC</b> Clayey sand - pale red 10R (6/2) with silt, fine grained, poorly graded, wet.		
		<b>SM</b> Silty sand - brownish yellow (10YR 6/6) with some clay, fine grained, poorly graded, wet.		
120		End of Log		

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