



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-207A

TOTAL DEPTH: 176 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: 3/14/2007 10:45

BOREHOLE FINISHED: 3/15/2007 10:35

DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: J. Asua

DRILLING METHOD/RIG: Sonic

BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 303.99 (ft, msl)

WATER DEPTH/ DATE: 108.01-ft. toc -5/4/07

BOREHOLE USE: Monitoring Well

NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		Asphalt Asphalt and gravel.		Grouted Annulus
		CL Clay - gray 7.5YR (5/1), high plasticity, moist.		
10		CL Silty clay - strong brown 7.5YR (4/6), medium plasticity, with trace sand, moist.		
20		CL Silty clay - strong brown 7.5 YR (4/6), medium plasticity, with trace sand, moist.		
30		CL Silty clay - strong brown 7.5 YR (4/6), medium plasticity, with sand, moist.		

Created By: WTR

Checked By: KMS



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-207A

TOTAL DEPTH: 176 ft.

Depth	Soil Symbol	Soil Description	Well Completion		Well Description
		CL Sandy clay - red 10R (4/6), fine grained sand with gray mottling, medium plasticity, moist.			
40		CL Sandy clay - red 2.5YR (5/8), fine grained sand with gray mottling, low plasticity, moist.			
50		SC Clayey sand - red 2.5YR (5/8), fine to medium grained sand, poorly graded, moist.			
		SW Gravely sand - reddish yellow 5YR (7/8), fine to coarse grained sand, well graded, dry.			
60		SP Sand - reddish yellow 7.5YR (7/8), fine to medium grained sand, poorly graded, moist.			

Created By: WTR

Checked By: KMS



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-207A

TOTAL DEPTH: 176 ft.

Depth	Soil Symbol	Soil Description	Well Completion		Well Description
		SW Gravely sand - yellow 2Y (7/8), fine to coarse grained sand with silt, sub-rounded gravel, dry.			
		SP Sand - reddish yellow 7.5YR (7/8), fine to medium grained sand, poorly graded, moist.			
70		SW Sand - reddish yellow 7.5YR (6/8), medium to coarse grained sand, little gravel, sub-rounded gravel, well graded, dry.			
		SW Gravely sand - strong brown 7.5YR (5/8), medium to coarse grained sand, sub-rounded gravel, well graded, wet.			
80		SW Sand - reddish yellow 7.5YR (7/8), with some gravel, fine to coarse grained sand, sub-rounded to sub-angular gravel, well graded, moist.			
		SC Clayey sand - pale red 2.5YR (7/2), with some silt, fine grained sand, poorly graded, wet.			
90					

Created By: WTR

Checked By: KMS



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-207A

TOTAL DEPTH: 176 ft.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Silty clay - red 2.5YR (5/6), medium plasticity, gray mottling, moist.	 108.01 - ft.	
		SM Sand - reddish yellow 7.5YR (7/8), fine grained sand, poorly graded, wet.		
100		SW Sand with some gravel - pink 7.5YR (8/4), fine to coarse grained sand, sub-rounded gravel, well graded, moist.		
		MH Sandy silt - yellow 2.5Y (7/6), fine to medium grained sand, well graded, dry.		
110		SW Gravely sand - yellowish red 5YR (4/6), fine to coarse grained sand, sub-rounded gravel, some cobbles, well graded, wet.		
		SW Gravely sand - yellow 10YR (8/8), fine to coarse grained sand, sub-rounded gravel, trace clay, well graded, wet.		
120				

Created By: WTR

Checked By: KMS

PAGE: 4 of 6



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-207A

TOTAL DEPTH: 176 ft.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
				Sand Pack
160		SM Sand - reddish yellow 7.5YR (6/8), fine grained sand, with some silt, poorly graded, wet.		Screened Interval
170		SM Sand - reddish yellow 7.5YR (6/8), fine grained sand, with some silt, poorly graded, wet. CL Clay - dark gray 10YR (4/1), hard low plasticity, moist.		
		End of Log		
180				

Created By: WTR

Checked By: KMS

PAGE: 6 of 6