



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-204B

TOTAL DEPTH: 112 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: 4/7/2007 09:00

BOREHOLE FINISHED: 4/9/2007 08:00

DRILLING INFORMATION

DRILLING CO.: Prosonic

DRILLER: J. Asua

DRILLING METHOD/RIG: Sonic

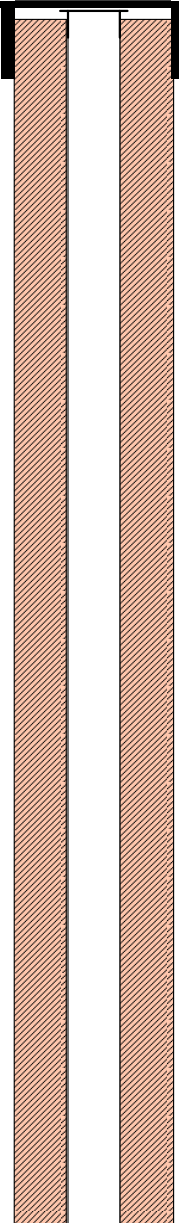
BOREHOLE DIAMETER: 6-in.

GROUND SURFACE ELEVATION: 292.67 (ft, msl)

WATER DEPTH/ DATE: 94.34-ft. toc -5/4/07

BOREHOLE USE: Monitoring Well

NOTES: Total depth 112-ft. because of sand collapse.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		Gravel		Grouted Annulus
	CL	Clay - light gray 7.5YR (7/1), low plasticity, moist.		
10	CL	Silty clay - light brown 7.5YR (6/4), low plasticity, moist.		
20	CH	Silty clay - strong brown 7.5YR (5/6), medium plasticity, moist.		
30	CL	Sandy Clay - light reddish brown 5YR (6/4), with gray mottling, fine grained sand, medium plasticity, moist.		

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PAGE: 1 of 4



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Depth	Soil Symbol	Soil Description	Well Completion		Well Description
		SP Clayey sand - yellowish red 5YR (5/8), with few gravel, fine grained sand, sub-rounded gravel, poorly graded, moist.			
40		SW Gravely sand - red 2.5YR (5/8), fine to coarse grained sand, sub-rounded gravel, well graded, moist.			
		SP Sand - reddish yellow 7.5YR (6/8), fine grained sand, poorly graded, moist.			
50		SW Gravely sand - reddish yellow 5YR (6/8), with silt and trace cobbles, fine to medium grained sand, sub-rounded sub-angular gravel, sub-rounded cobbles, well graded, dry.			
60		SW Gravely sand - yellowish red 5YR (5/6), with silt, fine to coarse grained sand, sub-rounded to sub-angular gravel, well graded, moist.			

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
70		SW Gravely sand - yellowish red 5YR (5/8), fine to coarse grained sand, sub-rounded gravel, well graded, moist.		
		SP Silty sand - yellow 10YR (7/8), fine grained sand, poorly graded, moist.		
80		CH Clay - weak red 10R (4/4), high plasticity, moist.		
		SP Silty sand - pink 7.5YR (8/4), fine grained sand, poorly graded, moist.		
90		SP Silty sand - very pale brown 10YR (8/3), fine grained sand, poorly graded, dry.		Bentonite Plug

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